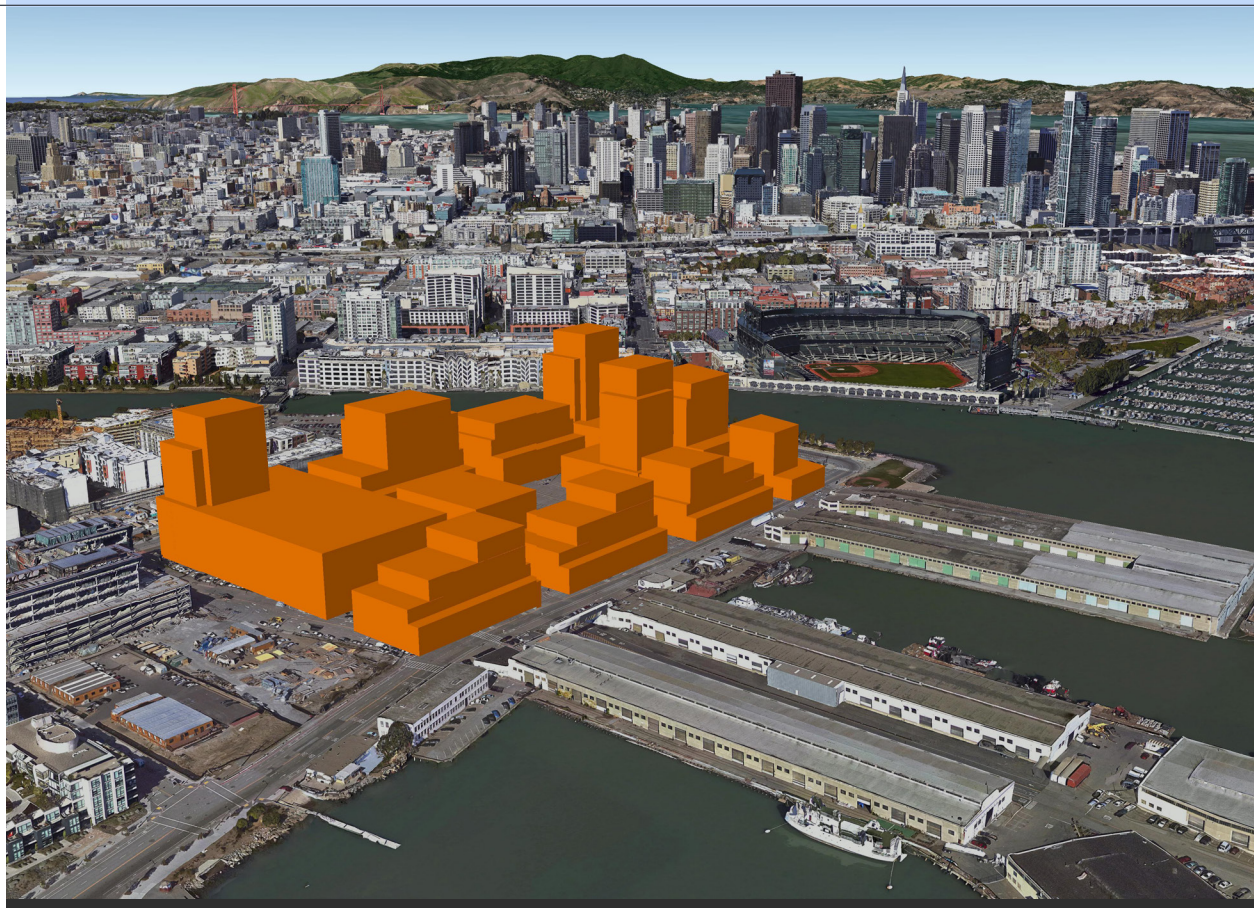
Appendix 7-2

Shadow Study

PREVISION DESIGN

FINAL
DECEMBER 12, 2016

CEQA EVALUATION OF THE SHADOW EFFECTS OF THE SEAWALL 337 / MISSION ROCK PROJECT ON PUBLIC OPEN SPACES IN SAN FRANCISCO, CA



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CONTENTS

I. EXECUTIVE SUMMARY 5

II. STUDY OVERVIEW AND PURPOSE 8

FIGURE 1: Project Site Plan 9

III. PROPOSED SEAWALL 337 PROJECT 9

Project Description 9

Design Strategies to Limit Shading Effects 11

IV. EVALUATION CRITERIA AND METHODOLOGY 12

Analysis Review Standards 12

Cumulative Analysis 13

Quantitative Methodology 13

Graphical Methodology 14

Qualitative Methodology 15

Other Factors Affecting Sunlight 15

V. DETERMINATION OF AFFECTED OPEN SPACES 16

FIGURE 2: Area Map / Study Scope 17

VI. SEAWALL 337 SHADING OVERVIEW 18

Extent and Timing of New Shadow 18

Shadows on Creeks and the Waterfront 18

Shading on Streets and Sidewalks 19

VII. MISSION CREEK PARK SOUTH P1 (MISSION BAY PARKS) 21

Description 21

FIGURE 3: Diagram of Mission Creek Park South 23

Project-Generated Shading on the Mission Creek Park South (P1) 24

Qualitative Analysis Findings 25

FIGURE 4: Mission Creek Park South observation data 25

VIII. MISSION CREEK PARK ESPLANADE (MISSION BAY PARKS) 27

Description 27

Project-Generated Shading on the Mission Creek Park Esplanade 29

FIGURE 5: Diagram of Esplanade 29

Qualitative Analysis Findings 31

FIGURE 6: Mission Creek Park Esplanade observation data 31

IX. CHINA BASIN BUILDING PROMENADE (PRIVATE PUBLICLY ACCESSIBLE) 32
Description 32
Project-Generated Shading on the China Basin Building Promenade 33
FIGURE 7: Diagram of China Basin Building Promenade 33
Qualitative Analysis Findings 34
FIGURE 8: China Basin Building Promenade observation data. 35

X. AT&T PARK PLAZA (PORT OF SAN FRANCISCO) 36
Description 36
FIGURE 9: Diagram of portion AT&T Park Plaza 38
Project-Generated Shading on the AT&T Park Plaza 39
Qualitative Analysis Findings 40
FIGURE 10: AT&T Park Plaza observation data. 40

XI. KIDS' PARK P6 (MISSION BAY PARKS). 42
Description 42
Project-Generated Shading on the Kids' Park 43
FIGURE 11: Kids' Park Site Plan 43
Qualitative Analysis Findings 45
FIGURE 12: Kids' Park observation data 45

XII. CHINA BASIN PARK (PORT OF SAN FRANCISCO) 46
Description 46
FIGURE 13: Diagram of China Basin Park 48
Existing Shading on China Basin Park 49
China Basin Park Qualitative Analysis Findings 49
FIGURE 14: China Basin Park observation data 49

XIII. EXPANDED CHINA BASIN PARK (PROPOSED BY PROJECT). 51
Description 51
FIGURE 15: Proposed China Basin Park Programming Concept Plan 52
Project-Generated Shading on the proposed New China Basin Park 53
Comparison of Available Sunlight on the Existing Vs. Expanded New China Basin Park 55
Proposed Expanded China Basin Park Qualitative Analysis Findings 55

XIV. MISSION ROCK SQUARE (PROPOSED BY PROJECT) 57
Description 57
Project-Generated Shading on the Mission Rock Square 58
FIGURE 16: Mission Rock Square Preliminary Concept Plan. 58
Proposed Mission Rock Square Qualitative Analysis 59

XV. CHANNEL LANE (PROPOSED BY PROJECT) . . . 60
Description . . . 60
Project-Generated Shading on Channel Lane . . . 60
FIGURE 17: Channel Lane Preliminary Concept Plan . . . 60
Proposed Channel Lane Qualitative Analysis . . . 61
FIGURE 18: Channel Wharf Preliminary Concept Plan . . . 63

XVI. CHANNEL WHARF (PROPOSED BY PROJECT) . . . 63
Description . . . 63
Project-Generated Shading on Channel Wharf . . . 63
Proposed Channel Wharf Qualitative Analysis . . . 64

XVII. PROPOSED MISSION CREEK PARK P3 (MISSION BAY PARKS) . . . 65
Description . . . 65
Project-Generated Shading on the Mission Creek Park (P3) . . . 65
FIGURE 19: Proposed Mission Creek Park P3 Plan . . . 66
Proposed Mission Creek Park (P3) Qualitative Analysis . . . 68

XVIII. PROPOSED DOG RUN P5 (MISSION BAY PARKS) . . . 69
Description . . . 69
Project-Generated Shading on Dog Run (P5) . . . 69
Proposed Dog Run (P5) Qualitative Analysis . . . 70

XIX. PROPOSED MISSION BAY PARK P19 (MISSION BAY PARKS) . . . 71
Description . . . 71
Project-Generated Shading on the Mission Bay Park (P19) . . . 72
Proposed Mission Bay Park (P19) Qualitative Analysis . . . 73

EXHIBIT A: SWEEP DIAGRAMS OF ALL AFFECTED SPACES . . . 74
A1: Summer Solstice (June 21st) . . . 74
A2: Vernal/Autumnal Equinoxes (March 20th/September 22nd) . . . 74
A3: Winter Solstice (December 20th) . . . 74

EXHIBIT B: SHADOW DIAGRAMS ON MISSION CREEK PARK SOUTH (P1) . . . 95
B1: Shadow Diagrams on Day of Maximum Shading . . . 95

EXHIBIT C: SHADOW DIAGRAMS ON MISSION CREEK PARK ESPLANADE . . . 105
C1: Shadow Diagrams on Day of Maximum Shading . . . 105

EXHIBIT D: SHADOW DIAGRAMS ON CHINA BASIN BUILDING PLAZA . . . 115
D1: Shadow Diagrams on Day of Maximum Shading . . . 115

EXHIBIT E: SHADOW DIAGRAMS ON AT&T PLAZA . . . 130
E1: Shadow Diagrams on Day of Maximum Shading . . . 130

EXHIBIT F: SHADOW DIAGRAMS ON CHILDREN'S PARK P6 (MISSION BAY PARKS) 147
F1: Shadow Diagrams on Day of Maximum Shading 147
EXHIBIT G: SHADOW DIAGRAMS ON CHINA BASIN PARK (EXISTING) 157
G1: Shadow Diagrams on Day of Maximum Shading 157
EXHIBIT H: SHADOW DIAGRAMS ON THE NEW CHINA BASIN PARK (PROPOSED BY PROJECT) 189
H1: Shadow Diagrams on Day of Maximum Shading 189
EXHIBIT J: SHADOW DIAGRAMS ON MISSION ROCK SQUARE (PROPOSED BY PROJECT) 223
J1: Shadow Diagrams on Day of Maximum Shading 223
EXHIBIT K: SHADOW DIAGRAMS ON CHANNEL LANE & CHANNEL WHARF (PROPOSED BY PROJECT) 256
K1: Channel Lane Diagrams on Day of Maximum Shading 256
K2: Channel Wharf Diagrams on Day of Maximum Shading 256
EXHIBIT L: SHADOW DIAGRAMS ON PROPOSED MISSION CREEK PARK SOUTH P3 (MISSION BAY PARKS) 311
L1: Shadow Diagrams on Day of Maximum Shading 311
EXHIBIT M: SHADOW DIAGRAMS ON PROPOSED DOG RUN P5 (MISSION BAY PARKS) 334
M1: Shadow Diagrams on Day of Maximum Shading 334
EXHIBIT N: SHADOW DIAGRAMS ON PROPOSED MISSION CREEK PARK P19 (MISSION BAY PARKS) 343
N1: Shadow Diagrams on Day of Maximum Shading 343
APPENDIX 1: SHADOW CALCULATIONS FOR MISSION CREEK PARK SOUTH (P1) 356
APPENDIX 2: SHADOW CALCULATIONS FOR MISSION CREEK PARK ESPLANADE (NP1) 384
APPENDIX 3: SHADOW CALCULATIONS FOR CHINA BASIN BUILDING PROMENADE 412
APPENDIX 4: SHADOW CALCULATIONS FOR AT&T PARK PLAZA 440
APPENDIX 5: SHADOW CALCULATIONS FOR KIDS' PARK P6 (MISSION BAY PARKS) 468
APPENDIX 6: SHADOW CALCULATIONS FOR CHINA BASIN PARK (EXISTING) 496
APPENDIX 7: SHADOW CALCULATIONS FOR THE EXPANDED CHINA BASIN PARK & PIER 48 (PROPOSED BY PROJECT) 498
APPENDIX 8: SHADOW CALCULATIONS FOR MISSION ROCK SQUARE (PROPOSED BY PROJECT) 553
APPENDIX 9: SHADOW CALCULATIONS FOR CHANNEL LANE (PROPOSED BY PROJECT) 581
APPENDIX 10: SHADOW CALCULATIONS FOR CHANNEL WHARF (PROPOSED BY PROJECT) 609
APPENDIX 11: SHADOW CALCULATIONS FOR PROPOSED MISSION CREEK PARK P3 (MISSION BAY PARKS) 637
APPENDIX 12: SHADOW CALCULATIONS FOR PROPOSED DOG RUN P5 (MISSION BAY PARKS) 665
APPENDIX 13: SHADOW CALCULATIONS FOR PROPOSED MISSION BAY PARK P19 (MISSION BAY PARKS) 693

I. EXECUTIVE SUMMARY

PreVision Design has conducted a review of the shading that would be generated by the proposed construction of a mixed-use, multi-phase development on the Seawall Lot 337 project site. The analysis includes a review of two different development land use assumptions, a High Commercial Assumption and a High Residential Assumption, which are similar but differ slightly with respect to massing and shadow generation. Where one land use assumption generates greater shadow than the other, it is noted in the discussion of the shadow effects on that open space.

Based on an initial screening by PreVision Design, a total of six existing and seven proposed (reasonably foreseeable or under construction) publicly-accessible open spaces near the project site would be affected by new project shadow at some point during the year.

The existing open spaces include:

1. Mission Creek Park (P1)[1]
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza (southern portion)
5. Kids' Park (P6)
6. China Basin Park (pre-expansion)

New open spaces proposed by the Seawall 337 development include:

7. Expansion/renovation of China Basin Park
8. Mission Rock Square
9. Channel Lane
10. Channel Wharf

Publicly accessible open spaces, including those currently under construction but not yet open, that are proposed by entities or agencies other than Seawall 337 (considered existing for purposes of the shadow analysis) include:

11. Mission Creek Park (P3) *planned future construction*
12. Dog Run (P5) *planned future construction*
13. Mission Bay Park (P19) *planned future construction*

---

1 P1 and similar numbers reference Mission Bay blocks, as shown in Figure 2 (Area Map/ Study Scope).

The purpose of this analysis is to inform decision makers of the potential significance of the proposed project's shadow on existing nearby public parks and publicly-accessible open spaces, specifically whether or not the project would create new shadow in a manner that substantially affects existing outdoor recreation facilities or other public areas and, therefore, would be considered to cause a significant shadow impact for purposes of the Planning Department's review of the project under CEQA.

Although none of the open spaces reviewed in this report are subject to Section 295 of the San Francisco Planning Code, PreVision Design has been directed by San Francisco Planning Department to utilize portions of the analysis methodology for the purposes of CEQA shading review, such as the start and stop times for analysis, calculations to determine areas of new shadow and date(s) of maximum shading, and park use observation methodology. The project also is not subject to shading controls in the Mission Bay Design for Development, as the project site is outside of Mission Bay and the controls only apply to Mission Bay development sites. However, for existing or proposed parks and open spaces within the Mission Bay Parks System that would be affected, shading effects relative to the Mission Bay shadow design criteria[2] are reviewed for informational purposes. Mission Bay Park areas are (or will be when developed as parks) under the jurisdiction of either the Port of San Francisco (Port), or the City and County of San Francisco, under the Department of Public Works (DPW) as dedicated public right-of-way. Both the Section 295 and the Mission Bay shadow design criteria are described in greater detail in Section IV.

With the exception of the existing China Basin Park, which is proposed for modification, shading on project-generated proposed open spaces is discussed for informational purposes only as the Planning Department does not consider project shading on new open spaces and new parks proposed as part of the project to be impacts under the California Environmental Quality Act (CEQA).

PreVision Design has built a virtual 3D model inclusive of building massing models of the High Residential Assumption and High Commercial Assumption, the potentially affected parks/publicly accessible open spaces, and the surrounding urban and natural environment to simulate and analyze existing shading conditions versus shading conditions that would occur with development of the proposed project. Other planned or approved projects that would be likely to contribute future shading to some of the affected open spaces (i.e. "cumulative projects") have also been analyzed to disclose the potential combined shadowing effects of these projects.

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2 Ref. *Design for Development for The Mission Bay North Project Area*, Page 32. Weblink: http://sfocii.org/sites/default/files/FileCenter/Documents/786-MBD4DN_s.pdf, and *Design for Development for The Mission Bay South Project Area*, Page 36. Weblink: http://sfocii.org/sites/default/files/Documents/Project%20Areas/MB/MBSD4D-2015-11-09.pdf.

In order to review the potential qualitative effects of new shading on users, PreVision Design conducted six site visits to the potentially affected existing open spaces to observe and record the intensity and nature of visitor use in order to evaluate how new shading could interact with and/or affect existing observed patterns of use of these open spaces.

Quantitative and graphical analysis of shading as well as discussions of nature of shading effects based on field observations, where applicable, are discussed for each of the open spaces reviewed by this report.

Overall, the analysis found that the proposed project would result in new shadow being cast on all of the open spaces identified in the study. The annual increase in new shadow on parks not proposed by the project ranged from 0.02% (Kids' Park P6) to 4.57% (Mission Creek Park South P3) throughout the year, with duration ranging from approximately 70 to 365 days a year. Areas proposed by the project for open space were found to be the most affected by project shading, receiving between 16.23% and 55.65% annually over current conditions; however, as project shading would be present from the time these open spaces are created, users would not experience such shading as additive to a baseline condition. While it is possible that users of existing open spaces could be affected by the presence of new shadow, the likelihood would appear low that the project would create new shadow in a manner that substantially affects existing outdoor recreation facilities or other public areas because of the relatively low amounts of new shading and/or lack of substantial amounts of new shading on recreational activities where sunlight would be judged most important.■

II. STUDY OVERVIEW AND PURPOSE

PreVision Design has been retained by ICF International, the prime environmental consultant of Seawall 337 and Pier 48 Mixed-Use Project (the "Project"), to conduct a review of the shadow effects on publicly-accessible parks and open spaces from the proposed construction of an 11-block mixed-use development located at Seawall 337 and the rehabilitation and reuse of Pier 48. The analysis includes a comparison of two different development land use assumptions for the Project: a High Commercial Assumption and a High Residential Assumption, both of which were analyzed as conceptual massing envelopes. The two land use assumptions are similar, but differ in the location and height of the massing elements on the eastern side of the project. As one land use assumption does not uniformly generate more shadow than the other across all open spaces studied by this report, where there is a difference between the shadow of one versus the other, such difference is noted in the discussion of the shadow effects on that particular open space.

The purpose of this study is to determine which parks and open spaces would receive new shading due to the development of either the High Commercial Assumption or High Residential Assumption, what the quantitative and qualitative effects of such shading would be on these spaces, and to investigate whether the Project would create new shadow in a manner that substantially affects outdoor recreation facilities or other public areas. The information presented will serve as the foundation of the assessment of the environmental impacts of the Project's shading per the California Environmental Quality Act (CEQA), discussed further in Section IV. ■

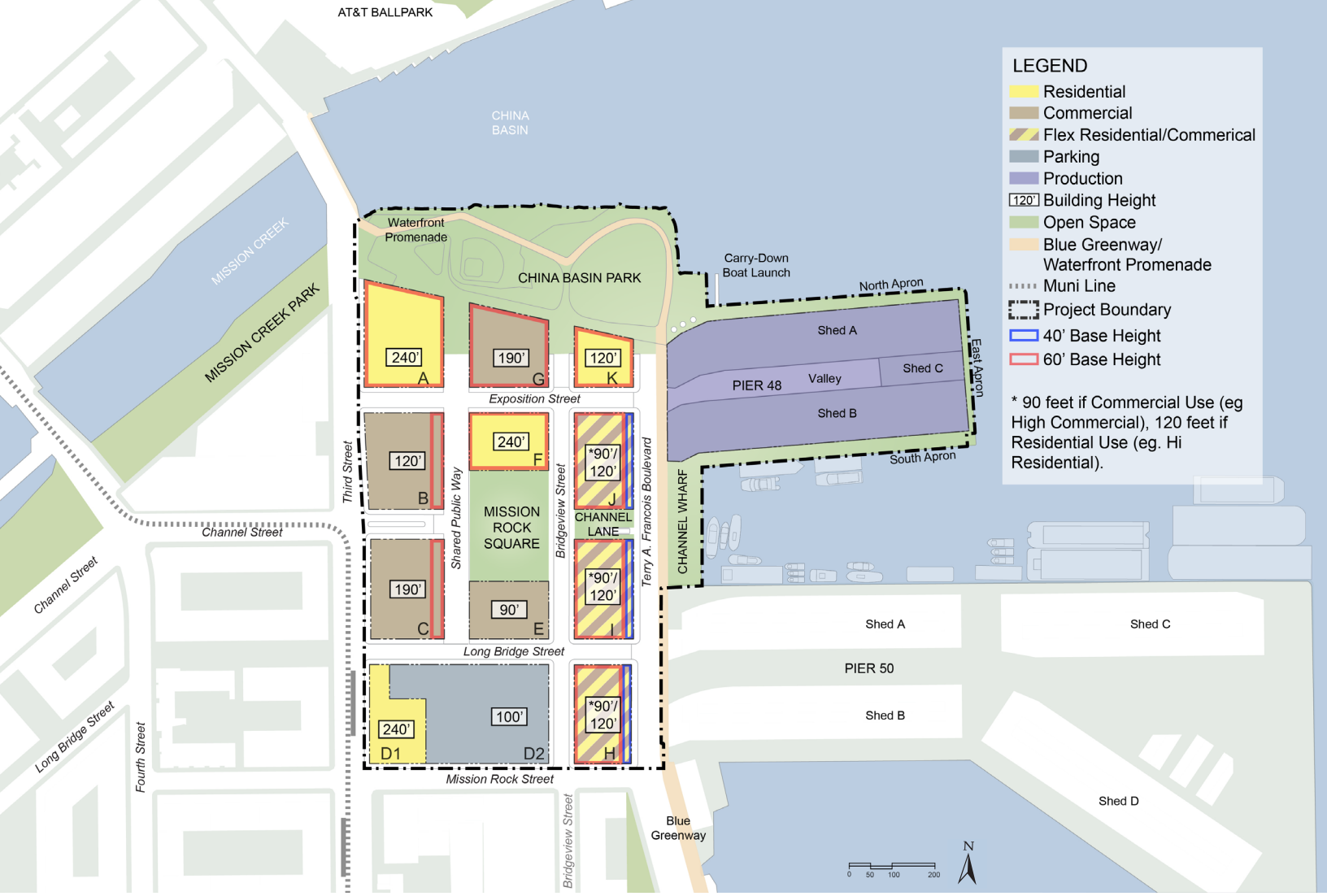


FIGURE 1: Project Site Plan

III. PROPOSED SEAWALL 337 PROJECT

Project Description

The proposed project is a mixed-use, multi-phase development on Seawall Lot 337 and Pier 48. The project would develop approximately 2.7 to 2.8 million gross square feet (gsf) of residential, commercial, production and active/retail uses on Seawall Lot 337 and 263,000 gsf for the reuse of Pier 48 existing structure. In addition, two parking garages, one above grade and one underground, would provide approximately 1.1 million gsf of parking.

The 27-acre project site is divided into five areas: 13.6-acre Seawall Lot 337, 0.3-acre strip of land located south of Seawall Lot 337 at Block P20, 6.0-acre Pier 48, 2.6-acre China Basin Park, and 4.6 acres of streets and additional areas within and adjacent to boundaries of Seawall Lot 337 and Pier 48, including the proposed 1.1-acre Mission

Rock Square. The project sponsor is Seawall Lot 337 Associates, LLC and the project's urban designer is Perkins+Will.

The Seawall Lot 337 would contain 11 residential or commercial development blocks with active/retail uses on the lower floors with three blocks containing primarily residential, four blocks containing primarily commercial, three blocks with flexible zoning for development as either predominantly commercial or residential and one block for above-grade parking with a residential tower constructed above the garage structure (below grade parking is also planned under the proposed Mission Rock Square). Blocks H, I and J, located on the eastern side along Terry A. Francois Boulevard, would have flexible zoning, and whether each of these blocks would be predominantly residential or commercial would be dictated by future market demands. Under the High Commercial Assumption, the height of buildings on these parcels would be 90 feet plus a 20-foot mechanical parapet (approximately 6 stories) including approximately 245,000 gsf of active/retail uses on the lower floors on the flexible zoning blocks. Under the High Residential land use assumption, the height would be 120 feet plus a 20-foot mechanical parapet (approximately 11 stories) with a mix of micro-units, studios, and units containing 1 to 2 or more bedrooms on the flexible zoning blocks. Residential buildings would be located south of China Basin Park, east of Third Street and on the north side of the proposed Mission Rock Square for Blocks A, D1, F at a height of 240-feet plus a 20-foot mechanical parapet[3] (approximately 23 stories) and K at 120-feet plus a 20-foot mechanical parapet (approximately 11 stories). Commercial buildings would be located south of China Basin Park and of the proposed Mission Rock Square for Blocks G and E, at a max height of 190 and 90 feet plus 20-foot mechanical parapets, respectively, and east of Third Street for Blocks B and C at a max height of 120 and 190 feet plus 20-foot mechanical parapets, respectively. A parking structure, on Block D2, located north of Mission Rock Street, would be a maximum of 100-feet high. In total, Seawall Lot 337 would provide approximately 1.1 million to 1.6 million gsf of residential use consisting of 1,000 to 1,600 market-rate and affordable housing units, approximately 972,000 to 1.4 million gsf of commercial, approximately 241,000 to 245,000 total gsf of active/retail uses over all of the blocks and approximately 3,100 parking spaces.

The plan calls for Pier 48 to be rehabilitated and reused by a brewery/distillery as a production facility under an interim lease with the Port. In total, this site would provide approximately 263,000 gsf of light industrial, restaurant, active/retail, tour and exhibition uses as well as a meeting space within the existing building. The potential to

3 Building F modeled to include a taller 40' mechanical parapet.

expand maritime uses and public accessibility to the waterfront would be available on the rehabilitated aprons.

China Basin Park would be reconstructed and expanded from its existing 2.6 acres to 4.4 acres and would include a waterfront promenade. With the expansion of China Basin Park and creation of Mission Rock Square, Channel Lane, Channel Wharf, and Pier 48 apron rehabilitation, the Project would provide approximately 8.0 acres of parks, open spaces and shoreline access areas that would be connected by pedestrian-oriented public streets.

Design Strategies to Limit Shading Effects

Per the Project Sponsor, the Project has been designed to minimize shading to the extent possible. The Project's building massing would allow sunlight on all open spaces during the active hours of the day, including during the winter months. The massing of buildings and the placement of taller portions of buildings have been considered in order to achieve this goal. For example, for two of the taller buildings on Blocks D and F, the towers would be situated in the middle to southern side of the Seawall 337 parcel in order to minimize off-site shadows that could affect open spaces. The building envelopes that achieve these objectives are included in the design guidelines that are part of the proposed Mission Rock development, which are expected to be made a condition of project approvals. The massing modeled reflects conceptual forms, but would represent the largest building profiles contemplated. The final design and massing of the project buildings would stay within the massing profiles analyzed by this study, therefore the shadow effects of the final project would be equal to or lesser than those reviewed by this analysis. The controls for building envelopes at Mission Rock can be found in Chapter 7 of the Mission Rock Design Controls. ■

IV. EVALUATION CRITERIA AND METHODOLOGY

Analysis Review Standards

An evaluation of shading impacts under CEQA determines whether the proposed project would create new shadow in a manner that substantially affects existing outdoor recreational facilities or other public areas. To determine whether new shading would be considered significant, both quantitative findings (how large the shadows would be, when they would occur) as well as qualitative elements (what activities occur in the open spaces, how are the spaces used) must be evaluated.

There is no single established technical standard or methodology for evaluation of shadow impacts under CEQA; however, the methodology implemented by the City of San Francisco for this shadow analysis is explained below, starting with how Planning Code Section 295 and Mission Bay North/South Design Guidelines have been taken into account, how the cumulative analysis was undertaken, and then explaining the quantitative, graphical and qualitative methodologies used in the analysis.

PLANNING CODE SECTION 295: New development projects in San Francisco over 40' in height, which could potentially contribute new shading to parks under the jurisdiction of the San Francisco Recreation and Parks Department, are subject to review under Section 295 of the San Francisco Planning Code. Compliance with Section 295 of the Planning Code requires that proposed projects not adversely affect use of existing or proposed open spaces under the jurisdiction of the San Francisco Recreation and Parks Department. Such adverse effect is defined by any development in excess of 40' in height which would add additional levels of new shading in excess of any potentially allowable new shadow increment on that open space throughout the year at times between one hour after sunrise through one hour before sunset (Section 295 stipulated times), unless the Planning Commission, with input from the general manager of the Recreation and Parks Department and its Commission, determine that such effects would be insignificant.

PreVision Design's analysis has determined that no parks or open spaces under the jurisdiction of the San Francisco Recreation and Parks Department would receive any new shading from either of the project land use assumptions, therefore Section 295 does not apply to any of the open spaces reviewed by this report; however, San Francisco Planning Department has determined that use of Section 295 analysis times, square-foot-hour shadow calculations, and usage observation methodology, which is often used to support CEQA analysis for development projects in San Francisco, would be appropriate to use for this project analysis.

MISSION BAY NORTH/SOUTH DESIGN GUIDELINES: Adopted in 1998, the adjacent Mission Bay shading standards focus on continuous shadows for a period of one hour or more between the hours of 10 am and 4 pm and between March 20th and September 22nd. The maximum allowable percentage of park area (or combined park areas in the case of Mission Creek Park) that may be shaded (by a combination of shading from existing buildings greater than 40' in height plus net new project shading) for more than one hour or more within identified parks during the hours and months listed are:

Mission Creek Park (P1, NP1 and P3)	13%
Kids' Park (P6)	17%

While the project is not located within the area subject to Mission Bay shading controls, when it is found that Mission Bay parks would receive some new project-generated shadow, the levels of shading relative to Mission Bay Design Guidelines are discussed for informational purposes.

Cumulative Analysis

In addition to an analysis of the shading that would be generated by either the High Commercial Assumption or High Residential Assumption, this report also includes analysis of shading on each of the parks and open spaces from nearby reasonably foreseeable future projects (i.e., "cumulative" projects). Shadow profiles from these projects are depicted on shading graphics as an outline with cross-hatching to differentiate them from existing shading and shading by the proposed project.

Cumulative projects were screened so that only projects on sites that would potentially result in additional shading on the same parks or open spaces affected by the proposed project were included. Five cumulative projects located on Mission Bay Lots 3E, 4E, 9, 9A and 12W (no street addresses have yet been assigned) have been included in this study and are indicated on Figure 2. The graphic profiles of cumulative shading are shown on Exhibits A & N, and the nature of cumulative project shading cast on Mission Creek Park (P19) is reviewed in Section XIX.

Quantitative Methodology

The shadow analysis completed by PreVision Design used an accurately Geo-located[4] 3D virtual model of the proposed project, the potentially affected open spaces (based

4 "Geo-location" refers to the assigning a specific latitude/longitude to the virtual 3D project

on their lot boundaries per city records), and the surrounding urban environment to simulate and calculate both existing amounts of shading and levels of shading that would be present with the addition of the proposed project starting one hour after sunrise through one hour before sunset. Between these times, the model performed snapshot analyses at 15-minute intervals and repeated this process for one out of every seven days between the Summer Solstice and Winter Solstice. This half-year (between the Summer and Winter Solstices) is referred to as a "solar year"[5] for purposes of this report, and the data taken from these 27 sample dates throughout the course of the solar year are then mirrored on the second half of the year, with interim times and dates extrapolated to arrive at the full-year shading calculation. The difference between the current levels of shading and the levels of shading that could be present with the addition of the proposed project yields the total annual increase, measured in square-foot-hours (sfh) of shadow. This increase is taken as a percentage of Total Annual Available Sunlight (TAAS) in the park (the amount of sun that would fall on the park throughout the year if there were no shading present at any time) to determine the existing shadow vs. relative increase or net new shadows created by the proposed project. Full annual calculations for each of the open spaces are attached to this report as Appendices 1-13.

Graphical Methodology

In order to provide a visual understanding of the location, size and extent of new shading, PreVision has prepared the following graphics to accompany the quantitative analysis:

- Sweep shadow diagrams (showing the full extent of the area receiving new shadow throughout the year) depicting the entire project site and larger surrounding area at one hour after sunrise, 9am, 10am, noon, 3pm, 6pm and one hour before sunset on the Summer Solstice (6/21), the Vernal/Autumnal Equinoxes (3/21 and 9/21), and the Winter Solstice (12/21). These graphics appear as Exhibit A.

- Focused shadow diagrams (showing only the affected open space in question) depicting shading on each open space's respective date(s) of greatest quantitative new shadow (as determined by calculations). Shadow diagrams are also provided at one hour after sunrise, 9am, 10am, noon, 3pm, 6pm and one hour before sunset

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model so that the correct solar angles for any date and time will be generated, resulting in an accurate simulation of shading conditions.

5 A "solar year" is the half year (between the Summer and Winter Solstices) used for shadow calculations in San Francisco.

as well as at 15 minute intervals when new shading is present in the open space. These graphics appear as Exhibits B-N.

Qualitative Methodology

PreVision Design conducted six 30-minute site visits to each of the existing affected open spaces to observe the existing patterns and intensity of use at the affected park or open space (dates of visits and observation times for the existing parks are indicated below, in tables provided as part of those discussion). Two site visits were performed in the morning, two at mid-day and two late in the day with one visit each on a weekday and one on a weekend day.

The qualitative effects of new shadow on the potentially affected spaces are discussed based on the nature of existing versus new shadow profiles and how project-related net new shadows might adversely affect observed existing patterns of use in the open space.

These observations help evaluate the potential for effects on existing uses due to new shading, such as the shadow characteristics (size, duration and location of new shadows) as well as the value of sunlight (time of day and time of year new shadows would be present on parks/open spaces relative to patterns of their use).

Other Factors Affecting Sunlight

While present in many parks and open spaces, shade contributed by trees and other landscape features is not taken into consideration as part of the quantitative analysis as such features are considered "impermanent" as they may be subject to change over time, through the seasons, and typically may be added or removed without permits and/or a public review process. However, at times such features are a defining feature of the open space (or features within it) and may constitute a significant shadow presence which may capture some or all new shading created by the proposed development. In such cases, an informal discussion of the presence and nature of such features is included for informational purposes. ■

V. DETERMINATION OF AFFECTED OPEN SPACES

PreVision Design used a 3D-model of the project, the parks/open spaces and the current urban context to screen for which open spaces could receive new shadow from either/both of the Seawall 337 Project High Commercial Assumption or High Residential Assumption. After this review, it was determined that a total of six existing and seven proposed, reasonably foreseeable, or under construction publicly-accessible open spaces near the project site would be affected by new project shadow at some point during the year.

The six existing publicly accessible open spaces include:

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza (southern portion)
5. Kids' Park (P6)
6. China Basin Park (pre-expansion)

Four new publicly accessible open spaces proposed by the Seawall 337 development include:

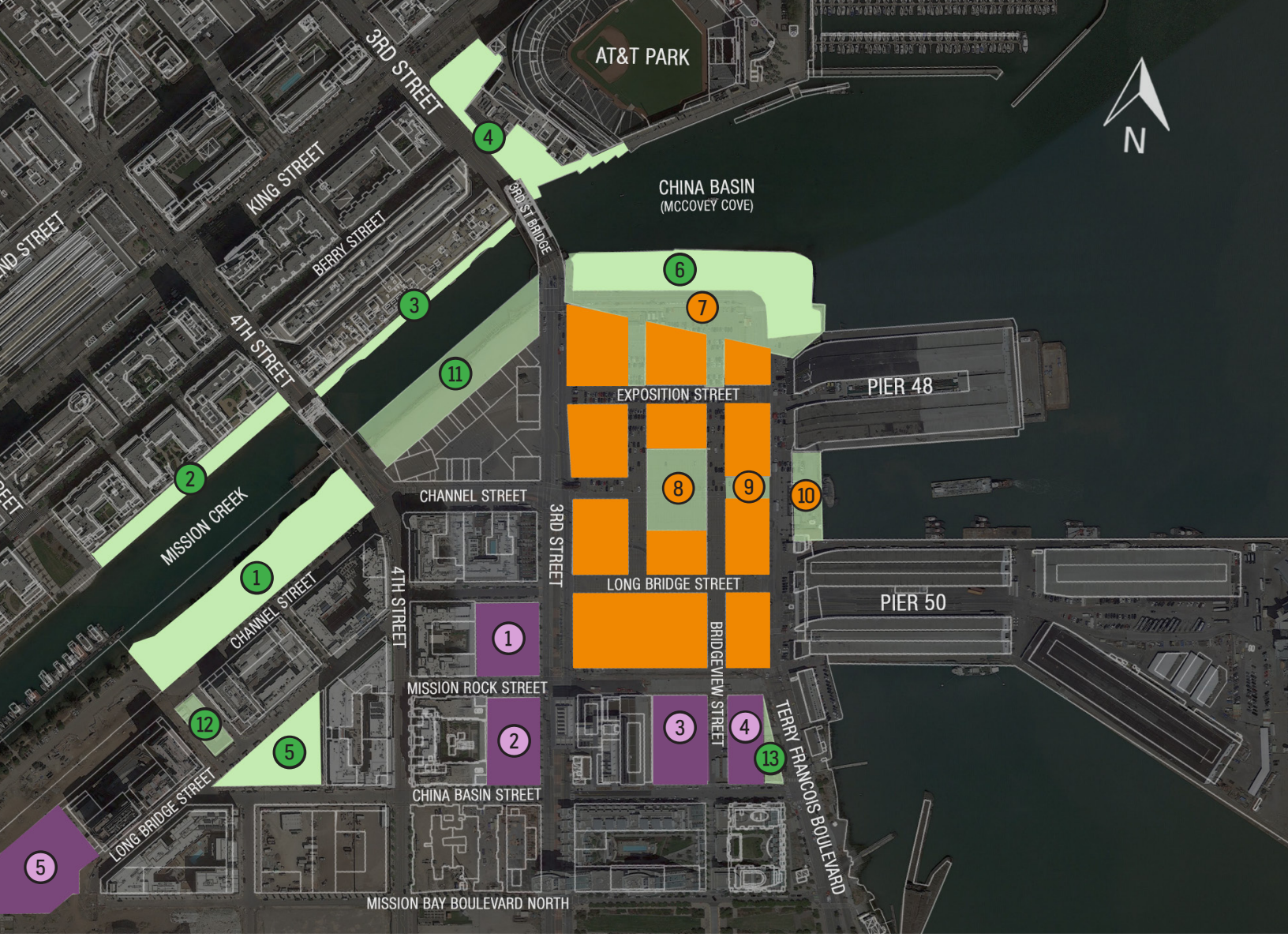
7. Expansion/renovation of China Basin Park
8. Mission Rock Square
9. Channel Lane
10. Channel Wharf

NOTE: With the exception of the China Basin Park, shading on these project-generated proposed open spaces is discussed for informational purposes only as project shading on new open spaces and parks are not considered impacts under the California Environmental Quality Act (CEQA).

Future reasonably foreseeable, publicly accessible open spaces, including those currently under construction but not yet open (*status in italics*), that are proposed by entities or agencies (other than Seawall 337) include:

11. Mission Creek Park (P3) *planned future construction*
12. Dog Run (P5) *planned future construction*
13. Mission Bay Park (P19) *planned future construction*

For the purposes of this analysis, these proposed open spaces are analyzed as if they were existing. The shadow analysis on these open spaces are detailed in Sections VI through XIX. ■



Vicinity Map



City Context Map

Affected Public Open Spaces

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Plaza (portion)
5. Kids' Park (P6)
6. China Basin Park (Existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park South (P3)*
12. Dog Run (P5)*
13. Mission Creek Park (P19)*

under construction / proposed

Seawall 337 Project
(Open spaces proposed as part of project shown in orange)

Cumulative (Future) Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

FIGURE 2: Area Map / Study Scope

VI. SEAWALL 337 SHADING OVERVIEW

Extent and Timing of New Shadow

As proposed, the project at Seawall 337 would generate new terrestrial shadows that would fall at various times on 13 existing or proposed open spaces. Generally speaking, the affected open spaces that lie to the west of the project would experience new morning shadows, and those to the east of the project's proposed new buildings would be affected in the afternoon. Open spaces to the north of the project would receive more shading during the winter months, while open spaces to the south would receive shading during the summertime. Project-specific shadow effects on each open space would be also lessened by the amount of existing shadow that is already present due to existing buildings, which may serve to capture some or all of the project-generated shading on certain dates or times. Sections VII through XIX of this report review the potential effects to each open space and detail the timing and extent of new shadows. Exhibit A graphically depicts shadows cast by both the High Commercial Assumption and High Residential Assumption within the annual affected vicinity on the Summer Solstice (6/21), Vernal/Autumnal Equinox (3/21 and 9/21), and Winter Solstice (12/21) at one hour after sunrise, 9am, 10am, noon, 3pm, 6pm and one hour before sunset. Exhibits B through N show detailed shading diagrams for each affected open space on their respective day(s) of maximum shading from the project.

Parks and open spaces such as Mission Creek Park Esplanade (NP1), China Basin Building Promenade, AT&T Park Plaza, Mission Creek Park (P1), proposed Mission Creek Park (P3), Kids' Park (P6), and Dog Run (P5) would be affected by project-related shadow only during morning hours, Mission Bay Park (P19) and the proposed Channel Wharf area would receive new project-generated shading in the afternoon and the existing as well as proposed reconstructed and expanded China Basin Park, Mission Rock Square, and Channel Lane, would receive new project-generated shadow at different times throughout the day. Specific discussion of shading on each of these spaces is found in Sections VII through XIX, and graphics depicting shading conditions on the day of maximum shading on each respective park are included as Exhibits B-N. Diagrams are presented at one hour after sunrise, 9am, 10am, noon, 3pm, 6pm and one hour before sunset as well as at 15 minute intervals when new shading is present in the open space.

Shadows on Creeks and the Waterfront

Between March and October, for up to approximately 4 hours after sunrise the project would cast shadows towards the west which would fall on Mission Creek. On and

around the summer solstice, these shadows would fall on a section of Mission Creek south of the 4th Street Bridge between Mission Creek Esplanade and Mission Creek Park (P1), but shadows would not extend southward as far as the mooring locations of a row of permanent houseboat residences. On dates leading up to, or away from, the summer solstice, the shadows would progressively move northward, affecting the section of Mission Creek between the 3rd and 4th street bridges until approximately October 15 / March 1, at which time the shadows would be cast northward onto China Basin (also known as McCovey Cove). China Basin would receive new shadow during the morning through early afternoon hours between mid-October and March, with the longest shadows reaching northward about halfway between the northern shore of China Basin Park and the edge of the AT&T Park plaza. The day of maximum shading on China Basin would occur on the winter solstice, with new shadows being present on portions of the cove throughout the day, moving from the western portion near the 3rd Street bridge in the morning towards the eastern portion of the cove in the afternoon.

Water areas affected in the afternoon include eastern portions of China Basin and the San Francisco Bay to the east. On or around the summer solstice, new shadows would be southward past Pier 50, and on the winter solstice the northward extent of new shadows on the bay would reach the mouth of the South Beach Harbor Marina, but not shade the AT&T Park ferry terminal.

The Mission Creek waterway and the portion of the San Francisco Bay surrounding the proposed project are host to a number of user activities including boating, canoeing, and paddle boarding. While shadow cast on these areas could potentially affect the aforementioned activities, the majority of these activities are transitory in nature so most users would typically not remain in one specific area for an extended duration of time, and therefore would be able to leave areas shaded by the project if desired. A possible exception would be those users who gather in kayaks and other small watercraft during San Francisco Giants baseball games at AT&T Park (April – October); however, throughout the baseball season (when AT&T Park has the greatest number of regular visitors) the project would not shade any portion of China Basin.

Shading on Streets and Sidewalks

In addition to shading on parks, open spaces, and privately owned public open spaces discussed in the preceding sections, the project would generate new shadow on streets and sidewalks in the vicinity. While these areas are part of the public realm, shading of these areas is not considered an impact under CEQA. Therefore, this shading is discussed below for informational purposes only.

Existing streets and sidewalks in the vicinity of the proposed project would receive new shadows. Third Street and its associated sidewalks, which run adjacent to the project to the west, would be most affected by morning shadows throughout the year. The portions that would be affected extend from just south of the intersection of 3rd and Mission Rock Streets (during summer mornings) through the intersection of 3rd and King Streets (during winter mornings). The affected area would also include a MUNI light rail platform stop (Mission Rock). Other streets and sidewalks that would receive some new morning shade from the project include portions of the existing 3rd Street, Mission Rock Street, Channel Street, 4th Street, and Long Bridge Street. The existing Terry Francois Boulevard north of Mission Rock Street would receive new afternoon shadow from the project throughout the year. Sidewalks for proposed new streets (or new extensions of existing streets) within the project such as Long Bridge Street, Bridgeview Street and Exhibition Street would also be shaded by the project at various times throughout the day, year round.

Exhibit A depicts shading effects on the streets and sidewalks in the vicinity of the project on the Summer Solstice, Vernal/Autumnal Equinoxes and Winter Solstices. ■

View of lawn facing west



View of main pathway facing northeast

VII. MISSION CREEK PARK SOUTH P1 (MISSION BAY PARKS)

Description

Mission Creek Park (P1) is a publicly-accessible open space under the jurisdiction of DPW and the Port. The park is located on a 4.31-acre lot but has a net developed size of approximately 3.2 acres, due to a portion of the lot falling within Mission Creek. It is located in the South of Market neighborhood of San Francisco along the south side of Mission Creek on Block 8710/Lot 002, Block 8731/Lot 001 and Block 3810/Lot 006.

The main park entry is from 4th Street to the north with four smaller entrances along Channel Street. The park is adjacent to Mission Creek Park (P2), which lies to the southwest. The daily hours of operation are from sunrise to 10pm every day.

The rectangular-shaped park measures approximately 875 feet long by 210 feet wide with native grasses and mature trees along the shoreline. There is a gently curving walkway that runs through the center of the park and branches off to create a fork in three areas: along the western side of grass mound on the eastern edge along 4th Street, on the southeastern-center edge along Channel Street and on the southwestern corner of



View of amphitheater facing southwest



View of plaza building facing northeast



Entrance and walkway along
Channel Street facing southwest



FIGURE 3: Diagram of Mission Creek Park South



Benches along walkway facing southwest

Channel Street. There are three distinct areas within the park: a lawn, a small outdoor amphitheater and a plaza with public restrooms and facilities. Approximately 20 trees divide the walkway from the sidewalk on Channel Street and mature trees line the periphery of the park.

The open lawn covers a large portion of the park with the curving walkway running north-south, and approximately six benches and seven outdoor lights lining the walkway. It lies east of the small amphitheater, a semi-circular three-tiered seating area with curved concrete benches built into a sloping hill. Trees and bushes line the southern and western end of this area. A slightly sloping, paved, split-level plaza lies on the western end of the park where a multi-use pavilion with restrooms is located. Two outdoor tables with chairs and a bench along the western edge of the building are located on the upper level with five concrete benches on the edge next to the stairs

leading down to the lower level, an open paved space with three benches facing the facilities building. A landscaped area with native bushes and three benches is located next to Channel Street and was blocked off to users during the park visits.

See Figure 3 for diagram of Mission Creek Park (P1).

Project-Generated Shading on the Mission Creek Park South (P1)

Below is a summary of the project shading effects on Mission Creek Park (P1). The discussion below refers to shading of both the High Commercial Assumption and High Residential Assumption, as shading effects on Mission Creek Park (P1) would be the same for both land use assumptions:

Existing Shading Conditions:	Mission Creek Park South (P1) currently has 98,813,395 sfh of shadow per year, equal to being shaded 14.14% of the year. The majority of existing shadow falls during early morning affecting all portions of the park, with additional summer late afternoon/evening shadows falling primarily along the edge of the park adjacent to Mission Creek.
Project-Generated New Shading:	The proposed project would generate an increase of 1,116,437 sfh of new shadow per year, equal to an increase of 0.16% over current shading conditions, from mid-February through the end of October (approx. 250 days a year). New shadow effects broken out by season are characterized below:
Summer (May-Aug):	New shadows would be cast over two separate portions of the park (a central area close to Mission Creek and a norther portion near the 4th Street entry) during early mornings, and are present for up to about 45 minutes from approx. 6:45-7:30AM.
Fall/Spring (Sept-Oct/Mar-Apr):	New shadows would have similar morning effects as during summer months; however, would occur later in the morning for up to about 25 minutes between the hours of 7:45-8:45AM.
Winter (Nov-Feb):	No project-generated shadow effects would occur during this time of year.
Shadow from Cumulative Projects:	Mission Creek Park South (P1) would not be affected by shading cast by cumulative projects.

The quantitative shading findings stated above reference Section 295 methodology, which is a different calculation method from the way shading impacts are calculated for Mission Bay Parks. While the project is not located within the area subject to Mission Bay shading controls, as Mission Creek Park South (P1) is part of the Mission Bay Parks system, a discussion of shading per Mission Bay standards is included for informational purposes.

The Mission Bay Design Guidelines establish a maximum area of allowable shading falling continuously for one hour on Mission Creek Park (combination of park parcels NP1, NP2, NP3, P1, P2, P3 & P8) occurring between 10am and 4pm between March 20 and September 22. Currently, the largest area of the park affected by shading for one hour or more is equal to approximately 7.9% of the total park area, which is below the maximum allowable area of 13%. While the proposed project would result in new shading on Mission Creek Park (P1), the new shadow does not fall within the protected hours of 10am-4pm, occurring only in the early morning prior to 10am. As such, shading on this open space would not be considered an impact on Mission Creek Park under the Mission Bay Design Guidelines.

Diagrams showing the extent of new shadow on the day of maximum shading (June 28) are included as Exhibit B.

Qualitative Analysis Findings

As shown by Figure 4, within the 30-minute observation periods, the observed intensity of park usage varied, from a low weekday morning of 34 users with the majority of users walking their dogs on the walkway to a high of 119 users observed on the weekend morning performing the same activity. Throughout the observation, a portion of users were sitting and relaxing on the benches throughout the park, lying, playing and walking their dogs on the lawn, and during the mid-day and afternoon visits, sitting in the amphitheater. Overall, intensity of observed use of this open space could be characterized as active during the week with increased weekend level of use predominantly due to pass-through (transitory) users.

OBSERVATION TIME	DATE OF VISIT	PARK USERS
Weekday Morning	8/20/2015	34
Weekday Midday	8/20/2015	52
Weekday Afternoon/Evening	8/20/2015	73
Weekend Morning	8/23/2015	119
Weekend Midday	8/23/2015	95
Weekend Afternoon/Evening	8/23/2015	117

FIGURE 4: Mission Creek Park South observation data

The observed highest utilization of the park occurred on a weekend morning with the majority of the 119 users walking through the park with 12 users walking their dogs on the walkway. While the highest amount of observed users walked through the park or walked their dogs, the users who remained in the park were observed to be using the lawn areas, watching their children playing soccer, or were sitting and relaxing.

The amphitheater was utilized during the mid-day and afternoon periods with two to four observed users sitting and relaxing or taking a break from riding their bikes.

The plaza had consistent usage during all visits with a range of one to 12 users. Users were observed sitting on the benches, talking on the phone and drinking from the fountain. During the afternoon weekday visit, the plaza experienced higher usage as an entrance and exiting point for users. The benches had consistent usage during all visits with a range of one to 10 users, which were observed sitting, relaxing and watching kids play soccer.

New shadows from the project would be limited to early morning times during the fall, summer and spring and would affect primarily the northern portions of the park, including the paved pathway and grassy areas. Use observations indicate that while a number of users were transitory, a significant number remained in the park. The area of the park that would receive new shadow does not contain any of the park's fixed benches and is not particularly unique (similar features exist in other parts of the park). Moreover, new shadow would occur at a time when most of the park area is already in shadow due to existing buildings. As such, the new shadow would occupy the majority of the remaining unshaded area, which might otherwise be desirable to some users. Project shading would be short in duration and would be gone from the park no later than 7:30AM, a time when lower levels of use are more likely. ■



Entrance to Esplanade from 4th Street

VIII. MISSION CREEK PARK ESPLANADE (MISSION BAY PARKS)

Description

Mission Creek Park Esplanade (NP1) is an approximately 780 foot-long, 1.1 acre publicly-accessible open space located in South of Market neighborhood on Block 8708/ Lot 002 at 301 Berry Street. The open space is part of the Mission Bay Parks system and operated by the MJM Management Group through a contract with OCII and under the jurisdiction of DPW. It is located on southern edge of properties 235 and 255 Berry Street and Mission Creek Senior Community between 4th Street and the 5th Street Plaza (NP2) along the north side of Mission Creek.

The main entry is from 4th Street and with two secondary entries from Berry Street between properties 235 and 255 Berry Street and Mission Creek Senior Center. Per the Mission Bay Parks website, the daily hours of operation are from sunrise to 10pm every day; however, the esplanade is not enclosed so it is accessible at all times.

The waterfront esplanade is paved with beige concrete tiles in the center and smaller gray concrete tiles on the border. Approximately 17 trees, 10 street lights and 12



View of Esplanade facing northeast



View of Esplanade facing southwest



Berry Street entrance facing northwest



FIGURE 5: Diagram of Esplanade

1 Walkway
2 Passage to Berry Street

benches are located along the water's edge with light landscaping and five benches located along the north side with the residential buildings. The two secondary entrances from Berry Street, which terminate at the esplanade, provide views of Mission Creek. Figure 5 includes a diagram of the Esplanade.

Project-Generated Shading on the Mission Creek Park Esplanade

Below is a summary of the project shading effects on Mission Creek Park Esplanade. The discussion below refers to shading effects of both the High Commercial Assumption and High Residential Assumption, as shading effects on the Mission Creek Park Esplanade would be the same under both land use assumptions:

Existing Shading Conditions: Mission Creek Park Esplanade currently has 30,964,109 sfh of shadow per year, which is equal to being shaded 17.85% of the year. Some existing shadow is present during morning hours, but the park receives the majority of its shade during afternoon hours, when the park is often largely cast in shadow.

Project-Generated New Shading:	The proposed project would generate an increase of 508,658 sfh of new shadow per year, equal to an increase of 0.29% over current shading conditions, from early January through early December (approx 340 days a year). Potential future shadow effects broken out by season are characterized below:
Summer (May-Aug):	New shadows would be cast over the central to northern portions of the park for a period no longer than 30 minutes in the early morning hours, between 6:45-7:45AM.
Fall/Spring (Sept-Oct/Mar-Apr):	New shadows would be cast over the northern portions of the park for a period no longer than 25 minutes in the early morning hours, between 7:45-8:30AM.
Winter (Nov-Feb):	Some small amounts of new shadow would fall on the extreme northern end of the park in early and late winter for 20 minutes or less between 7:35-8:00AM.
Shadow from Cumulative Projects:	Mission Creek Park Esplanade would not be affected by shading cast by cumulative projects.

The quantitative shading findings stated above reference Section 295 methodology, which is a different calculation method from the way shading impacts are calculated for Mission Bay Parks. While the project is not located within the area subject to Mission Bay shading controls, as Mission Creek Park Esplanade (NP1) is part of the Mission Bay Parks system, a discussion of shading per Mission Bay standards is included for informational purposes.

The Mission Bay Design Guidelines establish a maximum area of allowable shading falling continuously for one hour on Mission Creek Park (combination of park parcels NP1, NP2, NP3, P1, P2, P3 & P8) occurring between 10am and 4pm between March 20 and September 22. Currently, the largest area of the park affected by shading for one hour or more is equal to 7.9% of the total park area, which is below the maximum allowable area of 13%. While the proposed project would result in new shading on Mission Creek Park Esplanade (NP1), the new shadow does not fall within the Mission Bay protected hours of 10 am to 4 pm, occurring only in the early morning and gone prior to 10 am. As such, shading on this open space would not be considered an impact on Mission Creek Park Esplanade (NP1) under the Mission Bay Design Guidelines.

Diagrams showing the extent of new shadow on the day of maximum shading (June 28) are included as Exhibit C.

Qualitative Analysis Findings

As shown by Figure 6, within the 30-minute observation periods, the intensity of park usage increased dramatically from weekday to weekend with a low of 68 users to a high of 165. The majority of the users were walking their dogs, especially on the weekend morning, with a total of 40. Active recreational activities, like jogging or biking, occurred during each visit as well as passive activities, like sitting and relaxing on the benches. Overall intensity of observed use of this park could be characterized as active, however the majority of users were predominately transitory in nature.

OBSERVATION TIME	DATE OF VISIT	PARK USERS
Weekday Morning	8/20/2015	69
Weekday Midday	8/20/2015	68
Weekday Afternoon/Evening	8/20/2015	93
Weekend Morning	8/23/2015	111
Weekend Midday	8/23/2015	165
Weekend Afternoon/Evening	8/23/2015	145

FIGURE 6: Mission Creek Park Esplanade observation data

The observed highest utilization of the park occurred on a weekend mid-day with the majority of the 165 users walking through the park with 15 users walking their dogs and 10 users running or biking. The 16 users that would remain in the park mostly sat on the shaded benches, located along the southeastern side, with 13 observed users eating, relaxing or looking at the view. The three other users sat on the benches on the northwestern side of the Esplanade relaxing and talking on the phone.

New shadows from the project would be limited to early morning times and would affect the central (summer) to northern (spring/fall) portions of the Esplanade. Use observations indicate somewhat lower levels of use in mornings, with about 90% of users passing through the Esplanade rather than stopping and resting. More shade-sensitive features such as two of the esplanade's six fixed benches would be in project-generated shadow for approximately 10 minutes starting at 6:58 am on the date of maximum shading (July 12), leaving two remaining sunny benches which could affect the desirability of passive uses for some users for a short period of time during the summer months. At other times of year, one or no benches would be affected. ■



Promenade facing southwest towards 4th Street

IX. CHINA BASIN BUILDING PROMENADE (PRIVATE PUBLICLY ACCESSIBLE)

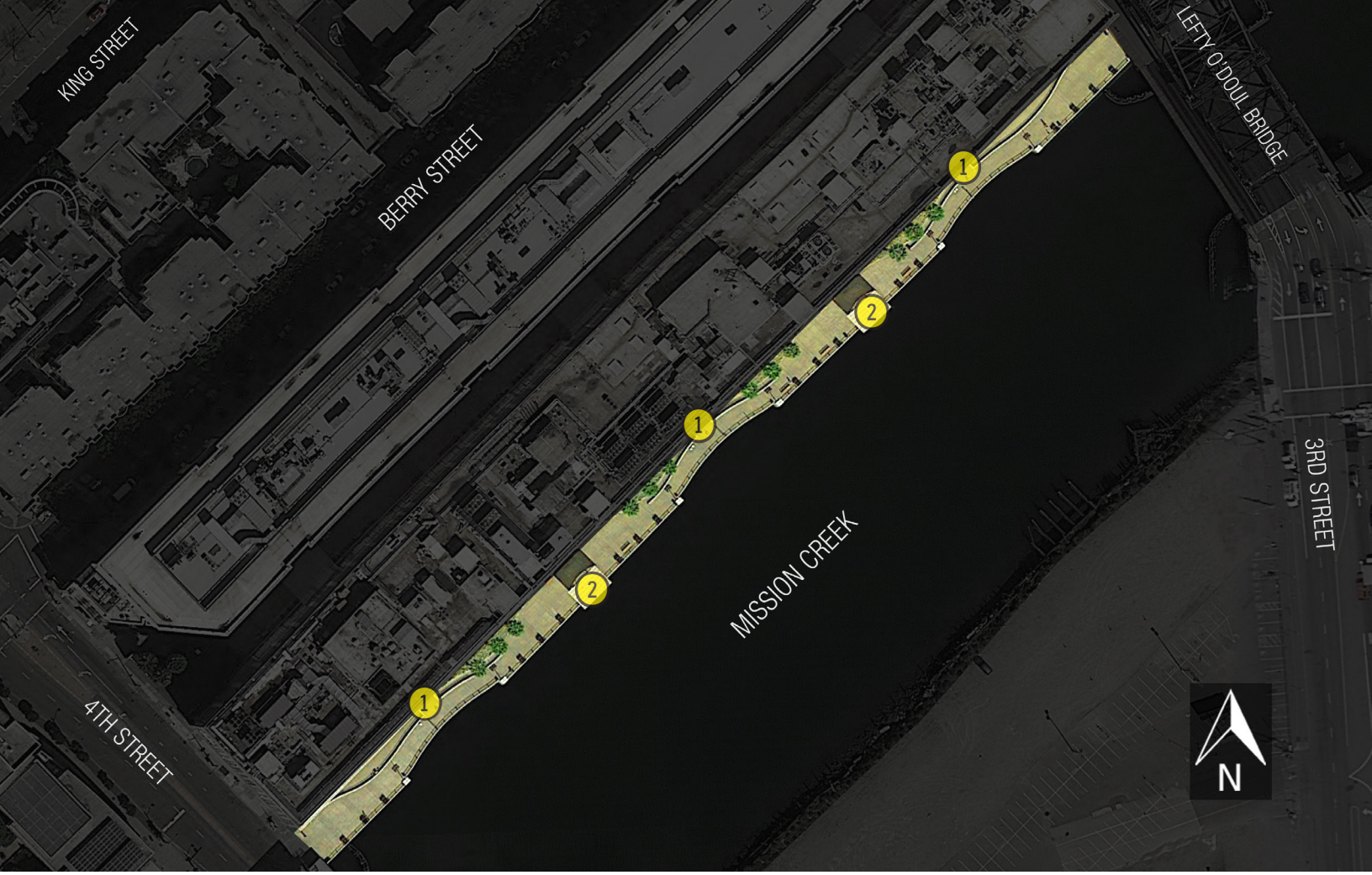
Description

China Basin Building Promenade is an approximately 815 ft. long privately owned publicly-accessible open space (POPO) and is located on southeast side of property 105-185 Berry Street, northwest of Mission Creek. Located within the South of Market neighborhood on Block 3803/Lot 005, it has a total parcel area of 0.90 acres.

There are public entries at 4th Street and Lefty O'Doul Bridge/3rd Street as well as three private entries along the elevated walkway to/from the 105-185 Berry Street property. The daily hours of operation are not posted; however, the promenade is not fenced or gated and is therefore accessible 24 hours/day.

The open space is a waterfront promenade lined with 18 planters, and five wooden benches located within the middle section along the southeastern edge and four wooden benches along the northwestern side facing the water. The walkway has four landscaped planters within the middle portion of the promenade, each containing three trees and native grasses.

Two covered seating areas, located to the northeast and southwest of the center entry of the Berry Street building, contain two wooden benches facing each other.



1 Building Entry
2 Covered Benches

FIGURE 7: Diagram of China Basin Building Promenade

Project-Generated Shading on the China Basin Building Promenade

Below is a summary of the project shading effects on China Basin Building Promenade. The discussion below refers to shading effects of both the High Commercial Assumption or High Residential Assumption, as shading effects on China Basin Building Promenade would be the same under both land use assumptions:

Existing Shading Conditions:	China Basin Building Promenade currently receives 32,693,717 sfh of shadow per year, equal to being shaded 22.53% of the year. Some existing shadow falls in the morning, but primarily the park is shaded during afternoon hours.
Project-Generated New Shading:	The proposed project would generate an increase of 3,415,242 sfh of new shadow per year, equal to an increase of 2.35% over current shading conditions, with new shading being present throughout the year. New shadow effects broken out by season are characterized below:



Southeast view of Promenade

Summer (May-Aug):	New shadows would be cast over on the central portion of the park for a period of up to 1 hour 45 minutes in the early and late summer mornings, between the hours of 7:15-9:30AM.
Fall/Spring (Sept-Oct/Mar-Apr):	New shadows would be cast over the central portion of the park for a period of up to 2 hours 45 minutes in the morning, between the hours of 7:45-10:45AM
Winter (Nov-Feb):	New shadows would be cast over the central and northern portions of the park for a period of up to 2.5 hours in the morning between the hours of 7:30-10:15AM.
Shadow from Cumulative Projects:	China Basin Building Promenade would not be affected by shadow cast by cumulative projects.

Diagrams showing the extent of new shadow on the day of maximum shading (October 25) are included as Exhibit D.

Qualitative Analysis Findings

As shown by Figure 8, within the 30-minute observation periods, the observed intensity of the open space area use varied only slightly, from a low weekend morning of 44 users with the majority of users walking through to a high of 63 users observed on the weekend morning. At the time of peak use, the majority of users of the promenade were observed accessing the promenade via the three private entries along the elevated walkway to/from the 105-185 Berry Street building. Throughout the observation

periods, the promenade was mostly used as thoroughfare, with users walking, jogging, biking, roller blading and skateboarding. A smaller portion of users were sitting and relaxing on the benches, eating lunch, reading, painting and taking photos of the view. Overall, intensity of observed use of this open space could be characterized as consistently active during the week and weekend.

OBSERVATION TIME	DATE OF VISIT	PARK USERS
Weekday Morning	8/20/2015	44
Weekday Midday	8/20/2015	62
Weekday Afternoon/Evening	8/20/2015	59
Weekend Morning	8/23/2015	63
Weekend Midday	8/23/2015	45
Weekend Afternoon/Evening	8/23/2015	50

FIGURE 8: China Basin Building Promenade observation data

Shadows from the proposed project could be most impactful to the observed non-transitory uses, and features such as the 7 fixed benches might be considered among the more sensitive features. Benches on the northern half of the promenade would experience some additional new morning shading from fall through spring; however, four of the seven benches are located under shade-casting canopies, indicating potential desirability for shaded seating areas.

Based on usage observations, the majority of usage of the promenade was transitory which would likely be less affected by shading than other uses. While some stationary users were observed in the morning hours, more were seen around lunch hour, at which time there would be no effects from the proposed project. ■



Willie Mays Plaza, looking east

X. AT&T PARK PLAZA (PORT OF SAN FRANCISCO)

Description

AT&T Park Plaza is a publicly-accessible open space under the jurisdiction of the Port of San Francisco. The open space is located at 24 Willie Mays Plaza, northeast of China Basin and 3rd Street between King Street/San Francisco Bicycle Route 5 to the northwest and San Francisco Bay Trail to the southwest in South of Market neighborhood on Block 3794/Lot 003-028. It has a total parcel area of 522,284 sf (approximately 12 acres). However, as shading from the proposed project would only affect a portion of the of the open spaces surrounding AT&T Park, the area of study was restricted to a 57,843 sf portion on the southwestern side of the ballpark.

The portion of AT&T Park Plaza reviewed by this analysis is comprised of three principal areas: The Willie Mays Plaza (the main ballpark entry plaza located at the corner of 3rd/King Streets), the Lefty O'Doul Plaza (a secondary entry along 3rd street to the southeast), and a portion of waterfront promenade to the south between the ballpark and China Basin (McCovey Cove).

Willie Mays Plaza functions as a gathering space and features the main iconic entry into AT&T Park via the Willie Mays Gate. The plaza is paved with large, gray concrete tiles interspersed with a pattern of inlaid brick, radiating out from a statue of former



View of promenade facing northeast



View of O'Doul Gate and statue of Juan Marichal, facing east



View of footpath facing southwest

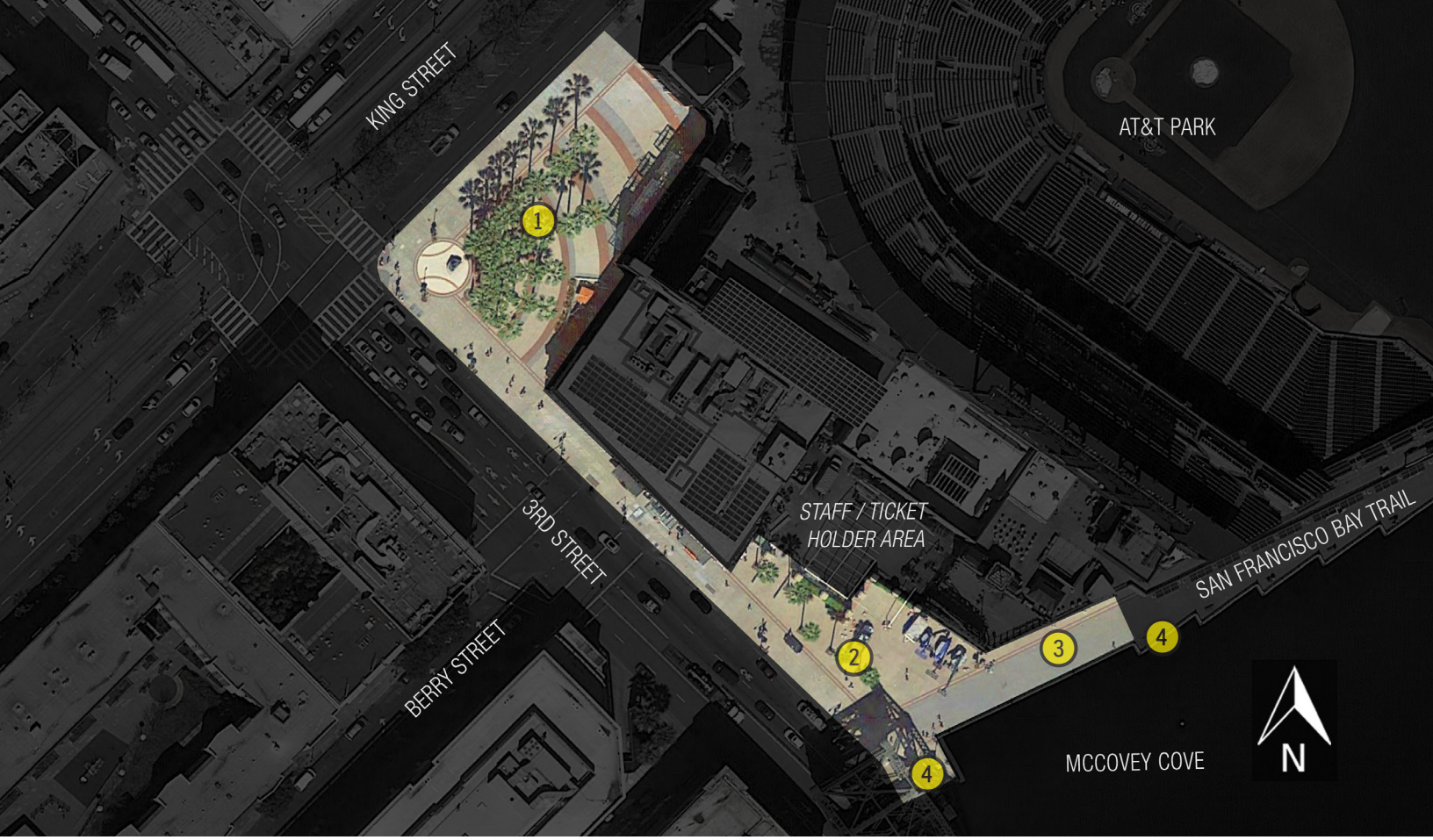


FIGURE 9: Diagram of portion AT&T Park Plaza

1. Willie Mays Plaza
2. Lefty O'Doul Plaza
3. Waterfront Promenade
4. Benches

Giant Willie Mays, located at the intersection of 3rd/King Streets. Approximately twenty palm trees are planted throughout the plaza. The south and eastern edges are formed by the edges of the stadium, with the Willie Mays gate located in the center.

A wide sidewalk runs along 3rd Street adjacent the stadium, connecting Willie Mays Plaza to the southeast and Lefty O'Doul Plaza/O'Doul Gate. This plaza is also paved with large, gray concrete tiles with two inlaid brick borders that delineates between the plaza and footpath along 3rd Street starting from the southwest corner of the AT&T Park around to the western corner of the Dignity Health Medical Center along the promenade/San Francisco Bay Trail. A statue of former Giants pitcher, Juan Marichal, stands within the plaza at the intersection of the promenade and footpath. Five palm trees are planted on the western edge of the plaza. A gated employee entrance is located next to the southwest entrance of the Giants Dugout Store on the ground floor of AT&T Park and a loading entrance is accessible at the gate between the two palm trees closest to the AT&T Park. Three double-wide entrances are located facing 3rd Street under the AT&T Park sign to next to the promenade and three smaller entrances are located around the corner along the promenade.

The waterfront promenade is located along the northeastern edge of China Basin with a white, approximately three-foot tall, metal railing with concrete and metal posts stands

along the edge. It is paved with large, gray concrete tiles approximately twice the size of the tiles in the plaza and footpath. A wedge-shaped seating area with a single metal bench is located across from the Dignity Health Medical Center with views towards China Basin Park to the southwest.

Project-Generated Shading on the AT&T Park Plaza

Below is a summary of the project shading effects on AT&T Park Plaza. The discussion below refers to shading effects of both the High Commercial Assumption and High Residential Assumption, as shading effects on AT&T Park Plaza would be the same under both land use assumptions:

Existing Shading Conditions:	The analyzed portion of AT&T Park Plaza currently has 59,681,896 sfh of shadow per year, equal to being shaded 27.73% of the year. Existing shadow falls primarily during morning and evening hours year round.
Project-Generated New Shading:	The proposed project would generate an increase of 873,823 sfh of new shadow per year, equal to an increase of 0.41% over current shading conditions, from early November through early February (approximately 100 days a year). New shadow effects broken out by season are characterized below:
Summer (May-Aug):	No project-generated shadow would occur during this time of year, which corresponds to elevated levels of use of the plaza due to regular baseball games at AT&T Park.
Fall/Spring (Sept-Oct/Mar-Apr):	No project-generated shadow would occur during this time of year, which corresponds to elevated levels of use of the plaza due to regular baseball games at AT&T Park.
Winter (Nov-Feb):	New shading would occur from early November through early February, and be present along the western edge of Willie Mays Plaza and throughout Lefty O'Doul Plaza and a portion of the waterfront promenade for between one and three hours, occurring between 7:45 and 11:15am.
Shadow from Cumulative Projects:	AT&T Park Plaza would not be affected by shadow cast by cumulative projects.

Diagrams showing the extent of new shadow on the day of maximum shading (December 20) are included as Exhibit E.





Benches next to Lefty O'Doul Bridge (left) and on the Promenade

Qualitative Analysis Findings

As shown by Figure 10, within the 30-minute observation periods, the observed intensity of the plaza area use varied from a low weekday afternoon of 186 users with the majority of users walking through to a high of approximately 2,500 users observed on the weekend afternoon standing in line and waiting to enter the stadium due to the last baseball game of the season at AT&T Park. Throughout the observation, a small portion of users were taking photos and looking at the view while some users exercised or walked their dogs passing through the plaza to access the footpath and promenade. Overall, the intensity of observed use of this open space could be characterized as highly active during weekend events and moderately active during the week.

OBSERVATION TIME	DATE OF VISIT	PARK USERS
Weekday Morning	10/5/2015	246
Weekday Midday	10/5/2015	289
Weekday Afternoon/Evening	10/5/2015	186
Weekend Morning*	10/4/2015	Approx. 1,700
Weekend Midday*	10/4/2015	Approx. 2,000
Weekend Afternoon/Evening*	10/4/2015	Approx. 2,500

FIGURE 10: AT&T Park Plaza observation data

*Game day at AT&T Park

The observed highest utilization of the plaza coincided with a SF Giants home game on Sunday afternoon (10/4) with the majority of the approximately 2,500 users exiting the stadium at the gates along the promenade. While the majority of these users would leave via the footpath, the observed users that would remain in the park were in the plaza taking pictures with the Juan Marichal Statue, in front of the gates with AT&T Park sign or socializing. Approximately 850 users were observed walking down the promenade, looking at the view of McCovey Cove towards China Basin Park and chatting on the benches. A small portion of users were observed running, between 8 and 12, or biking, between 3 and 13, to and from the footpath and promenade.

The observed highest usage during the week occurred on Monday midday (no game held at AT&T Park) with the majority of the 289 users exercising between the footpath and promenade with 50 users running, 14 users biking, 2 users roller blading and 1 user skateboarding. Five users were observed walking their dogs. During the morning visit, it was observed that the statue in the plaza and the southwest area of the promenade served as a meeting point for approximately nine users, who later joined a group of approximately 30 exiting through employee gate. While the plaza was predominately transitory in nature with 140 observed users, 10 users were observed taking photos while others were observed entering/exiting the Giants Dugout Store.

Usage of AT&T Plaza varies greatly due primarily to large scale events such as baseball games held throughout the spring, summer and fall at AT&T Park. As the project would not generate new shadows during the baseball season (typically running from early April to late September, followed by the postseason in October), the effect on a great number of users is diminished. However, the plaza is part of the San Francisco Bay Trail and serves as a well-used pedestrian thoroughfare at all times of year, including during the winter months when the project would shade a portion of the plaza during morning hours. The plaza itself is a transitional space and therefore users would be unlikely to be substantially affected; however, the fixed bench in the southern corner of the park would receive new shadow for up to approximately 90 minutes, which could affect its desirability for some users. ■



View of Kids' Park

XI. KIDS' PARK P6 (MISSION BAY PARKS)

Description

Located on an approximately 1.20-acre triangular parcel (P6), Kids' Park is in the middle of Mission Bay South's residential core north of China Basin Street, southeast of Long Bridge Street and west of Bridgeview Street. The park is under the jurisdiction of DPW.

This park opened in the summer of 2016. The Park contains a natural play zone with logs, sand, earth mounds, boulders, carved structures, huts and arches and redwood trunk benches. The center of the park features a play area on a mix of resilient matting and engineered wood fiber play surfacing. The periphery of the park is lined with trees.

Additional features of the park include benches, picnic areas, bike racks, and water fountains. The park is open seven days a week from 8am to 9pm. See Figure 11 for the Kids' Park Site Plan.



FIGURE 11: Kids' Park Site Plan

Project-Generated Shading on the Kids' Park

Below is a summary of the project shading effects on Kids' Park. The discussion below refers to shading effects of both the High Commercial Assumption and High Residential Assumption, as shading effects on Children's Park would be the same under both land use assumptions:

Existing Shading Conditions:	Kids' Park currently has 54,154,769 sfh of shadow per year, equal to being shaded 27.80% of the year. Existing shadow falls on the park throughout the day, with the exception of midday during summer and fall.

Project-Generated New Shading:	The proposed project would generate an increase of 38,383 sfh of new shadow per year, equal to an increase of 0.02% over current shading conditions, from mid-May through late July (approximately 70 days a year). New shadow effects broken out by season are characterized below:
Summer (May-Aug):	New shadows would be cast over the southwestern portion of the park during the first 30 minutes of morning hours starting around 6:45AM from late May through mid-July, affecting the picnic area as well as a grassy area.
Fall/Spring (Sept-Oct/Mar-Apr):	No project-generated shadow effects would occur during this time of year.
Winter (Nov-Feb):	No project-generated shadow effects would occur during this time of year.
Shadow from Cumulative Projects:	Kids' Park (P6) would not be affected by shadow cast by cumulative projects.

The quantitative shading findings stated above reference Section 295 methodology, which is a different calculation method from the way shading impacts are calculated for Mission Bay Parks. While the project is not located within the area subject to Mission Bay shading controls, as

Kids' Park (P6) is part of the Mission Bay Parks system, a discussion of shading per Mission Bay standards is included for informational purposes. The Mission Bay Design Guidelines establish a maximum area of allowable shading falling continuously for one hour on Kids' Park (P6) occurring between 10am and 4pm between March 20 and September 22. Currently, the largest area of the park affected by shading for one hour or more is equal to 11.0% of the total park area, which is below the maximum allowable area of 17%. While the proposed project would result in new shading on Kids' Park (P6), the new shadow does not fall within the Mission Bay protected hours of 10 am to 4 pm, occurring only in the early morning and gone prior to 10am. As such, shading on this open space would not be considered an impact on Kids' Park (P6) under the Mission Bay Design Guidelines.

Diagrams showing the extent of new shadow on the day of maximum shading (June 21) are included as Exhibit F.

Qualitative Analysis Findings

As shown by Figure 12, within the 30-minute observation periods, the observed intensity of park usage varied, from a low weekday afternoon with 4 users to a high of 66 users observed on the weekend morning. The nature of use during the observation periods was primarily parents with children using the playground structures or socializing on the benches and table areas. During the weekend there were several children's parties held at the picnic table area inside the fenced in play area. There was occasional usage by other young people and a few adults resting and reading at the tables and benches outside the fenced in children's play area. Overall, intensity of observed use of this open space could be characterized as moderate during the week and active on the weekend.

OBSERVATION TIME	DATE OF VISIT	PARK USERS
Weekday Morning	10/5/2016	26
Weekday Midday	10/5/2016	32
Weekday Afternoon/Evening	10/3/2016	4
Weekend Morning	10/2/2016	66
Weekend Midday	10/2/2016	64
Weekend Afternoon/Evening	10/2/2016	38

FIGURE 12: Kids' Park observation data

Project shadows would occur in the early morning for a short period of time during summer months and fall on an area containing some seating and eating areas as well as portions of a grassy area. While these features could be considered sensitive to additional shadow, project effects would occur for a short duration of time during the very early morning, when active use of these features would likely be lower than what was observed later in the morning (park visits were conducted around 10am). ■

View of China Basin Park facing east from 3rd Street



View of seat wall facing east

XII. CHINA BASIN PARK (PORT OF SAN FRANCISCO)

NOTE: The Seawall 337 project proposes to expand and reconstruct China Basin Park as part of the Project. Accordingly, this section consists of a description of the current park, the existing patterns of shading, and observations of the current usage of the existing park. A full discussion of the quantitative and qualitative shading effects of proposed project on the enlarged and reconstructed China Basin park, including a conceptual comparison of how shading would affect uses in the existing vs. proposed park is included in Section XIII.

Description

China Basin Park, under the jurisdiction of the Port, is a 2.57[6]-acre park located in the Mission Bay neighborhood of San Francisco on Block 8719/Lots 002 and 006 and

6 2.57-acre area of China Basin Park is per the Port of San Francisco Department of Engineering. Other city sources list slightly different areas for China Basin Park, however such discrepancies would not be likely to have any significant effect on this analysis.



Junior Giants Field



Willie McCovey Statue



View facing west from small lawn

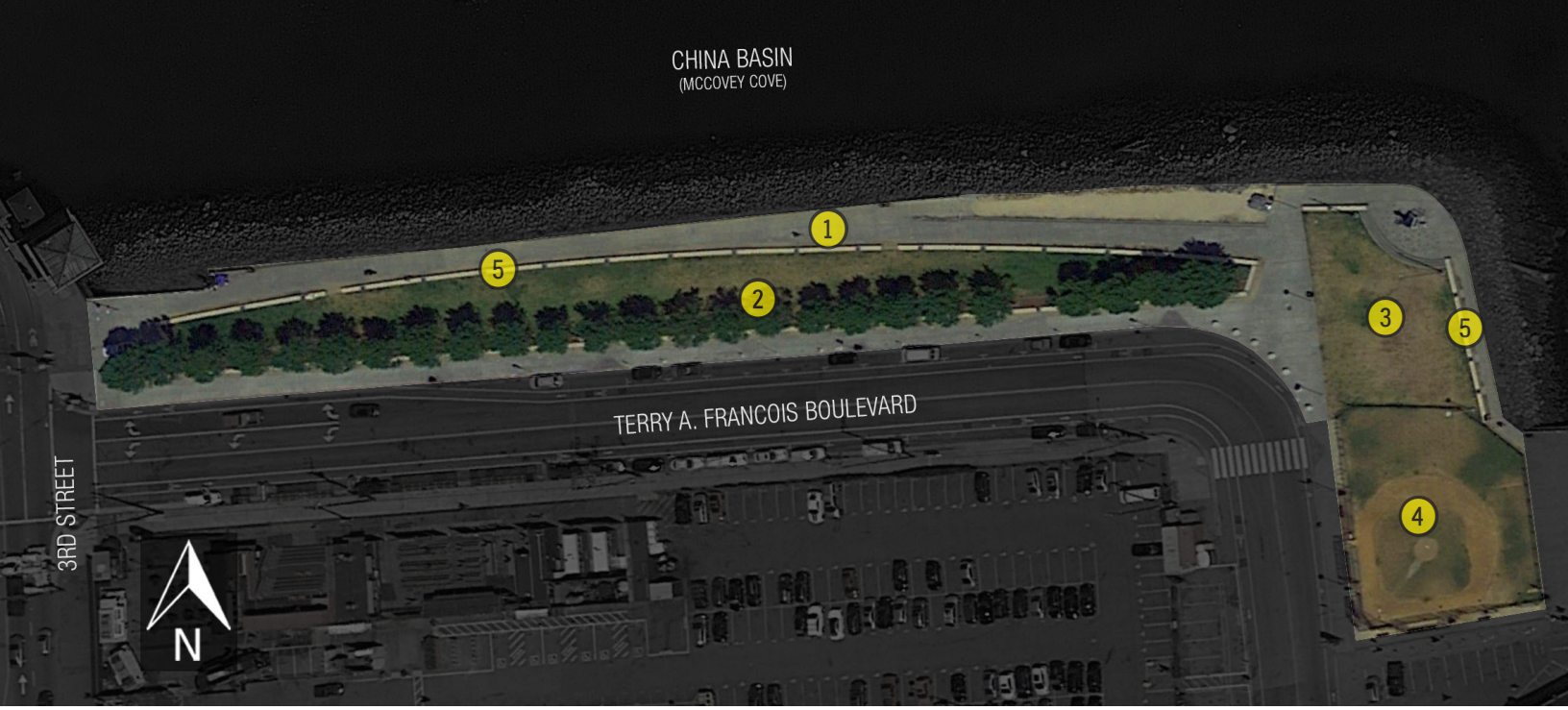


FIGURE 13: Diagram of China Basin Park

1. Walkway
2. Main Lawn
3. Secondary Lawn
4. Junior Giants Field
5. Concrete Seating Ledge

Block 9900/Lot 062 along the mouth of Mission Creek and at corner of 3rd Street and Terry A. Francois Boulevard. Immediately north of the proposed project and south of AT&T Park and San Francisco Bay, the park spans east-west and overlooks China Basin. The open space is under the jurisdiction of the Port of San Francisco.

The park is shaped like a "J" and measures approximately 750 feet long running east-west by 130 feet wide, except at the easternmost portion which is approximately 270 feet wide running north-south. It has a rocky shoreline on the northern and eastern edge and the main section is an elevated, rectangular lawn enclosed within a concrete ledge with approximately 25 trees lining the southern edge. Along the northern edge, the ledge becomes a 570-foot-long seat wall. A smaller, secondary lawn is located on the northeastern corner where a statue of Willie McCovey stands, with seven concrete benches lining the northern and eastern edge of the lawn. Located south of and adjacent to the lawn is Junior Giants Field, a fenced-in small baseball field. A paved walkway borders the periphery of the park and seven concrete baseball sculptures line the rounded corner of Terry A. Francois Boulevard.

There are two entry points: the southern end of Lefty O'Doul Bridge at the intersection of 3rd Street and Terry A Francois Boulevard and at Terry A Francois Boulevard by Pier 48. The daily hours of operation are not stated and there are no public restrooms. Figure 13 includes a diagram of the park.

Existing Shading on China Basin Park

The existing China Basin Park currently has 6,004,960 sfh of shadow per year, equal to being shaded 1.44% of the year. The limited amount of existing shadow falls during late afternoon/early evening hours during from mid-spring through summer and into mid-fall, occurring on the western third of the park. Early morning shadows are present during spring and fall on the south-eastern side of the park near Pier 48, and the duration of both morning and afternoon shading is longest during the winter when morning shading covers a portion of the southeastern corner then after an hour of midday full sun, shadows move from west to east across the western 2/3 of the park.

China Basin Park Qualitative Analysis Findings

As shown by Figure 14, within the 30-minute observation periods, the number of users in China Basin Park ranged from 38 to 131. The nature of use varied at different times of day and days of the week: visitors used the park most often along the northern walkway for running and walking while a portion of users were observed sitting, eating and relaxing on the ledges, benches and lawn, and walking their dogs. Located south of AT&T Park, China Basin Park's usage would likely increase during events held at AT&T Park. Overall intensity of observed use of this park could be characterized as moderate to high, however predominately transitory in nature and significantly variable based on game days or other special events occurring nearby.

OBSERVATION TIME	DATE OF VISIT	PARK USERS
Weekday Morning	8/20/2015	68
Weekday Midday	8/20/2015	38
Weekday Afternoon/Evening	8/20/2015	85
Weekend Morning	8/23/2015	130
Weekend Midday	8/23/2015	131
Weekend Afternoon/Evening	8/23/2015	94

FIGURE 14: China Basin Park observation data

The observed highest utilization of the park occurred on weekend mid-day with the majority of the 131 users exercising and walking on the northern walkway. The observed users that would remain in the park were sitting on the ledges and benches and eating on the lawn with a high of 29 users. None of the observation times corresponded to a San Francisco Giant's game; however, the seventh-annual San Francisco Giant Race Half Marathon, 10K, and 5K at AT&T Park was in session on the 8/23/15 visit with Terry A. Francois Boulevard closed to traffic. The majority of users walked through the park.

The smaller lawn and the statue of Willie McCovey had some observed users sitting on the concrete ledges, taking photos on the lawn or flying a kite with the highest usage occurring on a weekend afternoon with 6 users. This area was occupied during all visits.

Junior Giants field had the highest observed usage during the weekend mid-day with 4 children and 3 adults. This area was used mornings and mid-day during the week and weekend with children running around or playing baseball while adults supervised. No games were observed during any of the observation visits. However, the field does occasionally host games and serves as home to the San Francisco Junior Giants tee-ball league as well as challenger leagues (for those with disabilities).

Based on the patterns of existing shading, the areas within the existing China Basin park that are most frequently cast in shade are portions of the Main Lawn, Concrete Seating Ledge/northern walkway along China Basin, portions of which receive shading year-round during the later afternoon/evenings during spring, summer and fall and early afternoon during the wintertime. The southern portion of Junior Giants field receives early morning shadow from fall through spring and the secondary walkway and eastern-facing do not receive any shading throughout the year.

Based on the use observations conducted, it was not directly observable whether or not the users present were affected by the presence of shadow, or made any determination to use or not use areas within the park on the basis of whether or not they were in shadow. ■



Conceptual rendering of the Expanded China Basin Park

XIII. EXPANDED CHINA BASIN PARK (PROPOSED BY PROJECT)

Description

The proposed new China Basin Park would expand and renovate the existing China Basin Park as part of the Seawall 337 project. The park is still in the preliminary design phase, but is programmed as a signature waterfront 4.4-acre park connecting the northern waterfront Bay Trail to Hunter's and Candlestick Points to the south. It would include the area where the existing China Basin Park now exists (Terry A. Francois Boulevard is along the southern border of the existing park) and part of the northern section of Seawall Lot 337.

The proposed new China Basin Park is envisioned as active waterfront park and a year-round amenity for the greater San Francisco and regional San Francisco Bay Area community. This park would be coupled with the rehabilitated Pier 48 to create a public open space that includes industrial, maritime, and recreational uses.

The proposed park would be comprised of three programmatic "rooms" – a Plaza, a Play Area, and a Great Lawn -- connected by a Waterfront Promenade which would



Conceptual Plan

1 Entry Plaza
2 Upper Plaza
3 Rain Garden
4 Waterfront Promenade
5 Park Promenade
6 Junior Giants Field
7 Family Play Zone
8 Great Lawn
9 Park Cafe
10 Potential Water Access
11 Picnicking + Beer Garden
12 Kayak Launch
13 Kayak Rental

FIGURE 15: Proposed China Basin Park Programming Concept Plan

engage each of these spaces, provide varied experiences along its length, and offer Bay access and views. The following are the most current descriptions of the proposed program areas, as shown by Figure 15:

1. Entry Plaza: Associated with 3rd Street and Lefty O'Doul Bridge; a gateway to the site. This is a potential public art location.

2. Upper Plaza: Adjacent to the Entry Plaza, but elevated to create a "perch" on grade with the Shared Public Way and the Park Promenade, visually connected to a Stormwater Treatment Rain Garden, the Play "Room," the Multi-Use Trail, and China Basin.

3. Rain Gardens: Associated with the Upper Plaza, the Multi-Use Trail, and the Waterfront Promenade. Planting within the rip-rap surrounding treatment areas is anticipated.

4. Waterfront Promenade: A wide pedestrian walkway on the north side of the park, adjacent China Basin.

5. Park Promenade: A secondary pedestrian walkway along the southern edge of the park, adjacent the Seawall 337 development.

6. Play "Room": adjacent to the Upper Plaza and the Multi-Use Trail this area would contain recreational lawn areas, a regional-serving family play zone, and a junior-

sized baseball field with visual connectivity to the Park Promenade, the Park Café, the Waterfront Promenade and the water, the Great Lawn, and a Stormwater Treatment Rain Garden.

7. Family Play Zone: An attraction that would include paved and/or accessible play areas, connecting visually to the Park Café, the Park Promenade, and the Great Lawn. Food Kiosks are also planned to be located along the southern edge of this zone.

8. Great Lawn: Large grassy area adjacent to the Waterfront Promenade, the Park Café, the Beer Garden and Picnicking Area, and the Park Promenade, visually connected to the water, to Pier 48, and to the Family Play Zone.

9. Park Café: Anticipated commercial establishment adjacent to the "Play Room", the Great Lawn, a Stormwater Treatment Rain Garden, visually connected to the Great Lawn, the Family Play Zone, and the Food Kiosks.

10. Water Access: Potential point of access to China Basin from the eastern edge of the park.

11. Beer Garden and Picnicking Area: Outdoor eating area proposed to be adjacent to Pier 48, the Waterfront Promenade, and the Great Lawn.

12. Kayak Launch: A proposed dock, connected to Pier 48 for the launching of kayaks.

13. Kayak Rental: Rental facility adjacent to the Kayak launch dock.

Pier 48 is proposed to be rehabilitated and reused with public access areas provided on the rehabilitated aprons, with the potential for expanded maritime uses. Further detail regarding the programming of the publicly-accessible aprons has not yet been developed.

Project-Generated Shading on the proposed New China Basin Park

Below is a summary of the project shading effects on the proposed new China Basin Park area. NOTE: While a scenario involving the expansion/renovation of the park *without* the project buildings is not contemplated, a description of the existing shading conditions on the expanded park area (without the project buildings) is included for the purposes of understanding the levels of shading generated by the Project specifically:

Existing Shading Conditions:	The area where the proposed new China Basin Park would be located currently has 20,859,175 sfh of shadow per year, equal to being shaded 2.65% of the year. Existing shadow falls primarily during morning and evening hours year round, with some mid-day shadow during the winter months. The proposed publicly-accessible apron of Pier 48 currently has 85,416,678 sfh of shadow per year, which is equal to 13.44%.
Project-Generated New Shading:	The proposed project would contribute new shadow 365 days a year, and generate an increase of 223,936,097 sfh of new shadow per year, equal to an increase of 28.40% over current shading conditions if the High Commercial Assumption were to be built. The total amount of new shadow for the High Residential Assumption would be very slightly less at 223,741,540 sfh or 28.38%. The Pier 48 apron would receive an additional 6,334,876 sfh (1.00%) shadow by the High Commercial Assumption, and 6,847,047 sfh (1.08%) by the High Residential Assumption. New shadow effects broken out by season are characterized below:
Summer (May-Aug):	New shadows would be present throughout the day but smaller relative to other times of year and would be cast over the southern edge of the park throughout the day, primarily affecting the Park Promenade and southern portions of the Play Areas and the Great Lawn.
Fall/Spring (Sept-Oct/Mar-Apr):	New shadows would be present throughout the day and would be longer and cast further northward, shading southern half of the park in September/April up to the full park in October/March. Areas affected would be similar to those affected during summer months, with later fall / early spring effects extending to the Waterfront Promenade and Rain Gardens, with most park features receiving some shadow at some point during the day.
Winter (Nov-Feb):	New shadows would be cast over the majority of the park and beyond onto China Basin, sweeping from west to east from morning through evening. All park features would receive winter shadow from the project at some point during the day.

Shadow from Cumulative Projects:	China Basin Park would not be affected by shadow cast by cumulative projects.

Diagrams showing the extent of new shadows on the day of maximum shading (December 6) are included as Exhibit H.

Comparison of Available Sunlight on the Existing Vs. Expanded New China Basin Park

While the proposed new China Basin Park would receive more shadow from the Proposed Project than the existing China Basin Park, it would also receive a higher total square foot hours of theoretically available sunlight, due to the increased size of the new park relative to the existing park. The existing China Basin Park currently has 411,846,075 sfh of theoretically available sun annually, while the proposed new China Basin Park (inclusive of the project) would have 767,565,858 sfh of theoretically available sun annually. This represents a 180% annual increase in total theoretically available sunny open space over existing conditions.

Proposed Expanded China Basin Park Qualitative Analysis Findings

As the China Basin Park expansion is proposed and not yet in existence, it was not possible to directly observe the level and nature of its use; however, based on the basic programming information known at this time as well as observations of how the existing China Basin Park is currently used, below is a conceptual discussion of possible qualitative shading effects and what design measures could be undertaken to limit shading on park features.

Throughout the year as a whole, the park areas that would be most affected by daily project shading would be along the southern edge of the park. These areas immediately adjacent to the northernmost proposed buildings would be cast in shadow for most of the day from fall through spring; however, planned uses in these areas are expected to be primarily transitory in nature (the Park Promenade), and as such, would likely be less affected by the presence of shadow. Use observations of the existing China Basin Park indicated that current park usage was predominately transitory; however, features such as the Junior Giant's field were observed to have a slightly higher level of use than other existing park features (such as the promenade) and, given the additional size and amenities that are planned for the enlarged park overall, it is reasonable to assume that a higher number of users may treat the renovated/expanded park as a destination.

In addition to the Junior Giants Field, other areas potentially more sensitive to new shadow, such as the central play areas and the Great Lawn, would receive more shadow during the fall, winter and spring, particularly in the afternoon through early evening which could potentially affect their non-transitory users.

The final design of the park could potentially reduce shading on such users by locating these destination features such as fixed benches and other seating areas towards the northern edge of the park, where project-generated shadows would be cast less frequently and only occur over winter months (and outside of baseball season) when use would likely be less intense. ■



Conceptual rendering of Mission Rock Square

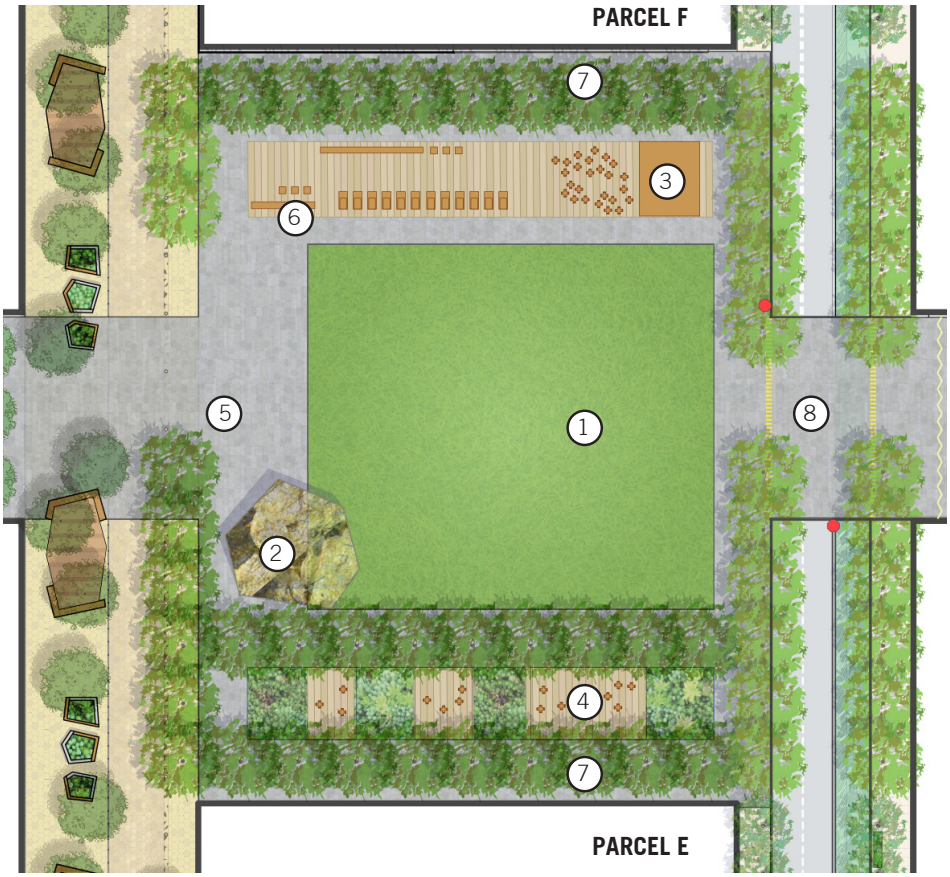
XIV. MISSION ROCK SQUARE (PROPOSED BY PROJECT)

Description

Mission Rock Square is part of the proposed Seawall 337 project and would be a 1.10-acre neighborhood square located in the center of Seawall Lot 337, north of the proposed Bosque Street, south of Channel Street and west of Bridgeview Street. See Figure 16 for the Mission Rock Square Concept Plan.

The centrally located Mission Rock Square design would balance spatial enclosure with connections to the Shared Public Way and the Working Waterfront. Mission Rock Square would be a public "living room" with active edges at the ground floor of Parcels E and F, where cafés and outdoor seating would frame an open area large and flexible enough to accommodate temporary uses and events. Public art and a pavilion would be provided with the intent to create identity and attract people and activity to the Square.

The following uses would be accommodated in Mission Rock Square: a plaza area, a central event space at the center of the square that accommodates large events, an occupiable storm water treatment rain garden, a lightweight structure, and Active Edges at Parcels E and F for Ground-Floor Retail and Dining Uses.



Conceptual Plan

1 Central Event Space
2 Iconic Feature
3 Required Structure
4 Rain Garden with Boardwalk Crossings for Active Edge
5 Forecourt at Shared Public Way
6 Special Seating
7 Active Retail Edge
8 Crossing to Channel Lane at Bridgeview Street

FIGURE 16: Mission Rock Square Preliminary Concept Plan

Project-Generated Shading on the Mission Rock Square

While project-generated shadows on Mission Rock Square are not considered impacts under CEQA as Mission Rock Square is part of the Seawall 337 Project, below is a summary of the project shading effects on Mission Rock Square for informational purposes:

Existing Shading Conditions:	The area where the Mission Rock Square is proposed currently has 2,130,395 sfh of shadow per year, equal to being shaded 1.20% of the year. Existing shadow falls primarily during late afternoon hours from Spring through Fall.
Project-Generated New Shading:	The proposed project would contribute new shadow 365 days a year, with the proposed High Commercial Assumption generating an increase of 92,918,631 sfh of new shadow per year, equal to an increase of 52.31% over current shading conditions. The High Residential Assumption would contribute 94,194,623 sfh (53.03%) of new shadow. New shadow effects broken out by season are characterized below:

Summer (May-Aug):	Early morning shadows would cover the majority of the square, but would recede quickly until most of the space would be sunny by mid-morning. Noontime shadows would be present only in the southern portion of the square, and shading would encroach from the west in the afternoon until the entire square would be in shadow by the later afternoon / early evening.
Fall/Spring (Sept-Oct/Mar-Apr):	Shadow effects would be similar to those in summer, except that the midday shadow area in the south of the square would be larger, and a band of sunlight running west-east would be present in the late afternoon.
Winter (Nov-Feb):	Early morning shadows would cover all of the square, and would recede by noontime to cover the southern 1/2 to 2/3rds of the square. Shading would encroach from the west in the afternoon until the entire square would again be in shadow by mid-afternoon.
Shadow from Cumulative Projects:	Mission Rock Square would not be affected by shadow cast by cumulative projects.

Diagrams showing the extent of new shadow on the day of maximum shading (December 20) are included as Exhibit J.

Proposed Mission Rock Square Qualitative Analysis

Mission Rock Square is proposed by the project and is not yet in existence, so it was not possible to directly observe the level and nature of its use; however, based on the basic programming information known at this time, below is a conceptual discussion of possible qualitative shading effects.

The central event space (particularly the northern half) and northern Boardwalk/ Seating area would be the areas of the park that would enjoy the greatest amount of sunshine during mid-day hours throughout the year while southern Boardwalk/ Seating area would be more frequently cast in shadow. Early morning park users would encounter more shadow on the eastern half of the park whereas afternoon users would find shadows growing in size from the west. Given the park's location among proposed tall structures, significant shading is inevitable and coupled with the fact that the park would be created at the same time as the surrounding structures that cast shadow on it, it is unlikely that park users would have a specific expectation for greater access to sunlight. ■

XV. CHANNEL LANE (PROPOSED BY PROJECT)

Description

Channel Lane would be part of the proposed Seawall 337 project and would be an approximately 0.20-acre pedestrian walkway linking Mission Rock Square to Channel Wharf and the Bay. It would be located north of Block I and south of Block J running east-west between the proposed Bridgeview Street and Terry A. Francois Boulevard on the Seawall Lot 337 site.

Conceptual Plan

1. Flexible Seating Area
2. Waterfront Passage
3. Garage Access Ramp & Planted Screen
4. Secondary Throughway - Steps
5. Fixed Seating
6. Bollards at TFB Crossing
7. Overhead Feature Lights

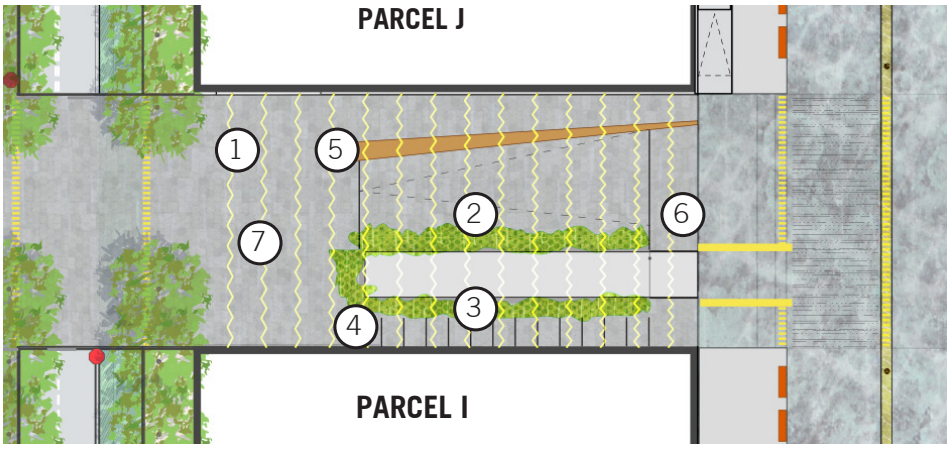


FIGURE 17: Channel Lane Preliminary Concept Plan

It would include a ramp with gathering spaces on either side that would serve as an egress/ingress for the Mission Rock Square parking garage. Site features could include overhead lighting, special paving and shade-tolerant plants and trees.

Project-Generated Shading on Channel Lane

While project-generated shadows on Channel Lane are not considered impacts under CEQA as Channel Lane is part of the Seawall 337 Project, below is a summary of the project shading effects on Channel Lane for informational purposes:

Existing Shading Conditions:	The area where Channel Lane would be located currently has 157,954 sfh of shadow per year, equal to being shaded 0.44% of the year. Small amounts of existing shadow fall in the late afternoon during the summer months.

Project-Generated New Shading:	The proposed project would contribute new shadow 365 days a year, with the High Commercial Assumption of the project generating an increase of 19,667,338 sfh of new shadow per year, equal to an increase of 55.29% over current shading conditions. The High Residential Assumption would contribute 20,153,182 sfh (56.65%) of new shadow. New shadow effects broken out by season are characterized below:
Summer (May-Aug):	Morning shadows would fall on the northern side of the open space, with the least amount of shading occurring around noontime. Shadows would grow in size in the afternoon and affect all areas of Channel Lane by late afternoon or evening.
Fall/Spring (Sept-Oct/Mar-Apr):	Morning shadows would fall on the southern side of the open space, with noontime shadows encompassing the majority of the open space area. Afternoon shadows would move to the east, allowing sunlight in the northwestern corner of Channel Lane, and sunlight along the entire northern edge by late afternoon or evening.
Winter (Nov-Feb):	Morning shadows would fall on the southern side of the open space, shading all but the northeast corner of the park. Noontime and afternoon shadows would cover most to all of Channel Lane.
Shadow from Cumulative Projects:	Channel Lane would not be affected by shadow cast by cumulative projects.

Diagrams showing the extent of new shadow on the day of maximum shading (November 8) are included as Exhibit K1.

Proposed Channel Lane Qualitative Analysis

Channel Lane is proposed by the project and is not yet in existence, so it was not possible to directly observe the level and nature of its use; however, based on the basic programming information known at this time, below is a conceptual discussion of possible qualitative shading effects.

Despite its proposed location immediately adjacent two tall structures to the north and west, Channel Lane would have an open vista on the bay to the east, which would provide for morning sunlight particularly on the eastern side of the park as well as

some afternoon sunlight--particularly during the fall and spring--coming through a gap in project buildings to the west. During summer months, midday sun would also be present over a majority of the space. Aside from its likely use as a transitional space between Mission Rock Square and the waterfront, Channel Lane would have a variety of seating areas, both fixed and open. This variety would allow park visitors some discretion to locate to a sunnier area if desired. As with Mission Rock Square, Channel Lane would be created at the same time as the surrounding structures that would cast shadow on it, so it is unlikely that open space users would expect greater access to sunlight at this location. ■

XVI. CHANNEL WHARF (PROPOSED BY PROJECT)

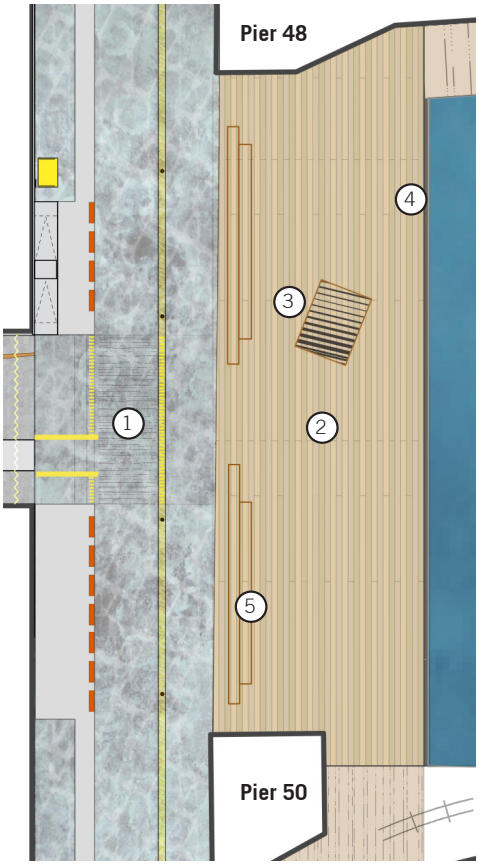


FIGURE 18: Channel Wharf Preliminary Concept Plan

1 Channel Lane Connection
2 Warm Paving Material
3 Large-Scale Feature
4 Water's Edge
5 Seating

Description

Channel Wharf is part of the proposed Seawall 337 project and would be an approximately 0.50-acre hard-surfaced plaza with seating and public art located on the current marginal wharf, east of Terry A. Francois Boulevard, running north-south between Piers 48 and 50 on the Seawall Lot 337 site.

It is intended to provide public access to the bay front and function as a maritime access point for industrial activities on Piers 48 and 50. Figure 18 shows a preliminary concept plan.

Project-Generated Shading on Channel Wharf

While project-generated shadows on Channel Wharf are not considered impacts under CEQA as Channel Wharf is part of the Seawall 337 Project, below is a summary of the project shading effects on Channel Wharf for informational purposes:

Existing Shading Conditions: The area where Channel Wharf would be located currently has 5,818,489 sfh of shadow per year, equal to being shaded 6.32% of the year. Small amounts of existing shadow fall on the northern and southern ends of the open space year-round.

Project-Generated New Shading: The proposed project would contribute new shadow 365 days a year, with proposed High Commercial Assumption generating an increase of 14,949,645 sfh of new shadow per year, equal to an increase of 16.23% over current shading conditions. The High Residential Assumption would contribute 15,292,831 sfh (16.60%) of new shadow. New shadow effects broken out by season are characterized below:

Summer (May-Aug): New shadows would be cast over the majority of the open space in the late afternoon, starting between 3:45 to 4:30PM with shadows from the High Residential Assumption arriving up to 30 minutes earlier than shadows cast by the High Commercial Assumption, and growing through the rest of the afternoon.

Fall/Spring (Sept-Oct/Mar-Apr):	New shadows would be cast over the majority of the open space in the afternoon, starting around 1:30PM through the end of the day with shadows from the High Residential Assumption arriving up to 15 minutes earlier than shadows cast by the High Commercial Assumption.
Winter (Nov-Feb):	New shadows are cast over the entirety of the open space in the late afternoon, starting between 1:30-3:30PM and growing through the end of the day with shadows from the High Residential Assumption arriving up to 15 minutes earlier than shadows cast by the High Commercial Assumption.
Shadow from Cumulative Projects:	Channel Wharf would not be affected by shadow cast by cumulative projects.

Diagrams showing the extent of new shadow on the day of maximum shading (June 21) are included as Exhibit K2.

Proposed Channel Wharf Qualitative Analysis

Channel Wharf is proposed by the project and is not yet in existence, so it was not possible to directly observe the level and nature of its use; however, based on the basic programming information known at this time, below is a conceptual discussion of possible qualitative shading effects.

Located to the east of the proposed Seawall 337 development (between Piers 48 and 50), the open space would receive no project-generated shadow at any time from the morning through early afternoon throughout the year; however, project buildings would cast shadow on this open space in the late afternoons. Like Channel Lane, a large portion of users of this open space would likely be transitory in nature. However, the fixed seating areas would also likely draw visitors who would remain for some time. Users may not find the space as attractive as a destination in the afternoon when the wharf is in shade; however, as is the case with the other open spaces proposed by the project, Channel Wharf would be created at the same time as the project structures that would cast shadow on it, so it is unlikely that open space users would expect greater access to sunlight at this location. ■



Conceptual Rendering of Proposed Mission Creek Park P3

XVII. PROPOSED MISSION CREEK PARK P3 (MISSION BAY PARKS)

Description

Mission Creek Park (P3) will be an approximately 2.32-acre park located northeast of 4th Street, northwest of Block 1, southeast of Mission Creek and southwest of 3rd Street. The park is or will be under the jurisdiction of the Port and DPW, with the Mission Bay Development Group as the Master Developer. At this time this lot is undeveloped, however upon completion the park will be part of the Mission Bay Parks system. The future open space envisions pedestrian pathways, children's play areas, gardens, water-oriented viewing/seating areas, as shown in Figure 19.

Mission Creek Park P3 is fully entitled through the Mission Bay Infrastructure Plan and Owner Participation Agreement (DDA), and has its Schematic Design approved by OCII Commission. Shoreline permits are currently under review with a tentative completion/park opening date in Fall of 2017.

Project-Generated Shading on the Mission Creek Park (P3)

Below is a summary of the project shading effects on Mission Creek Park (P3). The discussion below refers to shading effects of both the High Commercial Assumption

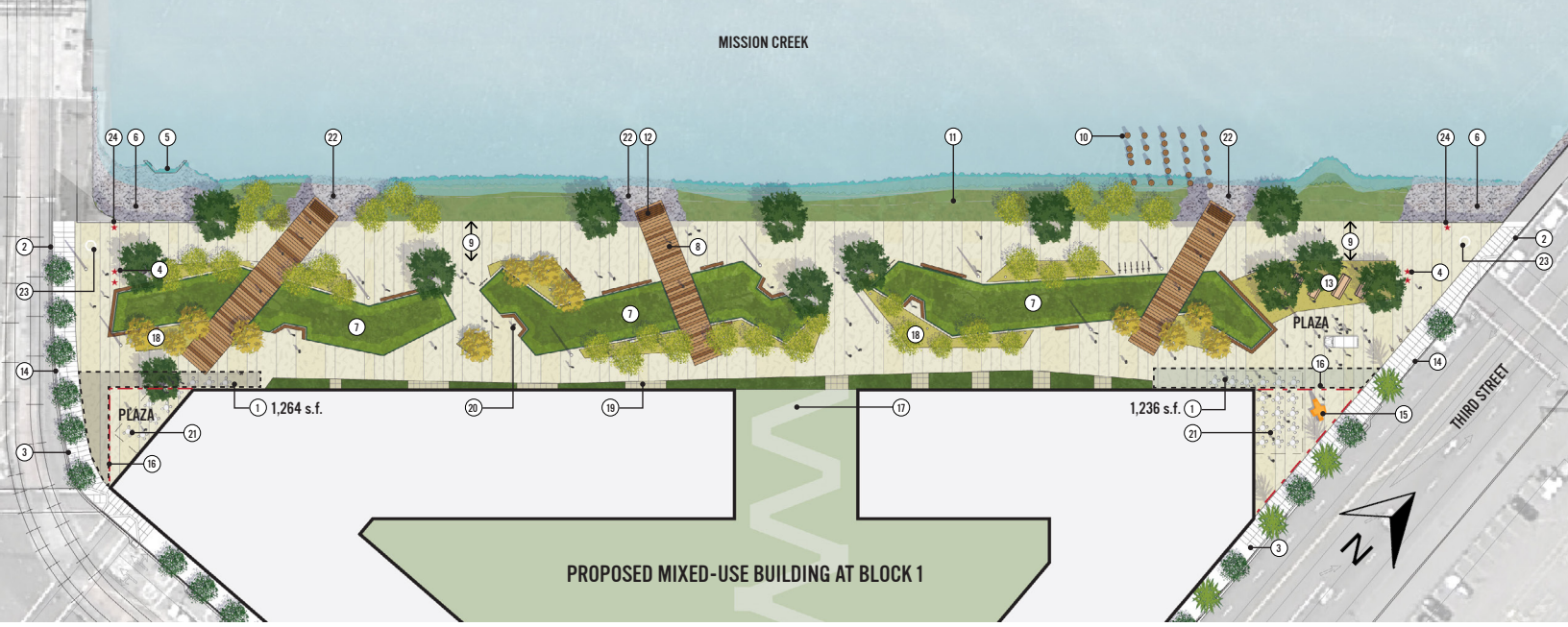


FIGURE 19: Proposed Mission Creek Park P3 Plan

LEGEND

1. BCDC permitted cafe seating within P3: Total provided allowance for BCDC permitted cafe seating: 2,500 s.f.
2. (N) Bike access curb-cut
3. (N) Sidewalk & street trees by others
4. Standard Mission Creek Park and park rules signage
5. (E) Outfall
6. (E) Riprap
7. Flow-Through storm water treatment area.
8. Boardwalk, typ.
9. Minimum 20' wide multi-use trail/Esplanade, typ.
10. (E) Piles/shorebird perch
11. Vegetated Geo-Web shoreline stabilization
12. Mission Creek "Look-Out", typ.
13. Picnic Grove
14. (N) Curb cut for park programming & maintenance
15. Potential site for Block 1 Public Art
16. Parcel P3/Block 1 property line
17. Block 1 podium access to Park P3. Design interface to be coordinated w/Block 1 team
18. Wind screen grove
19. Entry to Block 1 town homes, typ.
20. Seating Nooks, typ.
21. Cafe seating surrounded by removable enclosures, by others
22. (N) Riprap shoreline stabilization @ "Look-Outs"
23. Multi-use Trail (M.U.T) Signage marking in pavement
24. Bike "Go Slowly, Bikes Yield to Pedestrians" sign

and High Residential Assumption, as shading effects on Mission Creek Park (P3) would be the same under both land use assumptions:

Existing Shading Conditions:	Mission Creek Park (P3) currently has 117,035,364 sfh of shadow per year, equal to being shaded 30.52% of the year. Existing shadow falls during morning though mid-afternoon hours throughout the year and is additionally shaded for up to one hour in the afternoon/evening from late spring though early fall.
Project-Generated New Shading:	The proposed project would result in new shadows falling 365 days a year and generate an increase of 17,513,849 sfh of new shadow per year, equal to an increase of 4.57% over current shading conditions. New shadow effects broken out by season are characterized below:
Summer (May-Aug):	New shadows are cast over a portion of central/northern area park during morning hours, lasting for up to 4.5 hours between the hours of 6:45 to 11:45 AM.
Fall/Spring (Sept-Oct/Mar-Apr):	New shadows are cast over a portion of central/northern area park during morning hours lasting for up to 4 hours from approximately 7:45 to 11:45 AM.
Winter (Nov-Feb):	New shadows are cast over the northern quarter of the park during morning hours lasting for up to 3 hours from approximately 7:30 to 10:30 AM.



Current condition of Mission Creek Park P3 facing northeast

Shadow from Cumulative Projects:	Mission Creek Park (P3) would not be affected by shadows cast by cumulative projects.

The quantitative shading findings stated above reference Section 295 methodology, which is a different calculation method from the way shading impacts are calculated for Mission Bay Parks. While the project is not located within the area subject to Mission Bay shading controls, as Mission Creek Park (P3) is part of the Mission Bay Parks system, a discussion of shading per Mission Bay standards is included for informational purposes. The Mission Bay Design Guidelines establish a maximum area of allowable shading falling continuously for one hour on Mission Creek Park (combination of park parcels NP1, NP2, NP3, P1, P2, P3 & P8) occurring between 10am and 4pm between March 20 and September 22. Currently, the largest area of the park affected by shading for one hour or more is equal to 7.9% of the total park area, which is below the maximum allowable area of 13%. The proposed project would result in new shading on Mission Creek Park (P3) within the Mission Bay protected hours of 10 am to 4 pm, with new shading being present at 10 am year-round, leaving the park between approximately 10:30-11:45am. Within the 10am to 4 pm hours, the area of the park that would be continuously shaded by the project for one hour or more varies in size from zero to 7,905 sf, or, 1.08% of the total Mission Creek Park area. When added to existing shading present throughout Mission Creek Park, at no time would the shadow contribution of the project result in exceeding the maximum allowable shading equal to 13% of total park area. As such, project shading would be allowable under the provisions of Mission Bay Design Guidelines.

Diagrams showing the extent of new shadow on the day of maximum shading (August 23) are included as Exhibit L.

Proposed Mission Creek Park (P3) Qualitative Analysis

Mission Creek Park (P3) is proposed and not yet in existence, so it was not possible to directly observe the level and nature of its use; however, based on the conceptual design of the park, below is a discussion of possible qualitative shading effects.

Located to the west of the proposed Seawall 337 development, the open space would receive project-generated shadow during morning hours throughout the year. Given that the park features wide pedestrian pathways and serves as a connector between Third and Fourth Streets, it is likely that a large portion of users of this open space would be transitory in nature and therefore less likely to be adversely affected by project shading, when present. With respect to non-transitory uses, the northern portion of the park that would be primarily affected by project shading contains approximately 4 fixed benches/ seating areas, tables in the "Picnic Grove" as well as a designated seating area for "cafe seating." It is likely that use of these spaces would be lower during the early morning hours, at the time when the project's shadow area is largest; however, some shading on the cafe seating area as well as one of the fixed benches on the northern end of the park would be present until later in the morning (until around 11:30AM), at which time these areas may be more active. The tables in picnic grove appear to be located under proposed trees, so it is likely that these landscape features would lessen the relative effects of project shading as well as the expectation of users for sunlight. ■



Current condition of Dog Run facing northeast

XVIII. PROPOSED DOG RUN P5 (MISSION BAY PARKS)

Description

Dog Run (P5) will be an approximately 0.3-acre dog park located northwest of Long Bridge Street and southeast of Channel Street. Residential / commercial facilities will be located to the northeast and southwest of the park. The park will be under the jurisdiction of DPW, with the Mission Bay Development Group as the Master Developer.

Dog Run (P5) will serve as a link between the Kid's Park (P6) to the south and Mission Creek Park to the north. It is designed for use as a small dog park and will contain planting, hardscape, and furniture elements to enhance the visual connection between the parks. Trees will be planted to mitigate the windy conditions and the dog run will be contained by a low, curving fence surrounded by hedge materials.

All entitlements and permits required to construct Dog Run (P5) have been secured; however, construction is on hold pending City acceptance of adjacent streets. Construction duration will be approximately 9 to 12 months from start date, which is yet to be determined.

Project-Generated Shading on Dog Run (P5)

Below is a summary of the project shading effects on Dog Run (P5). The discussion below refers to shading effects of both the High Commercial Assumption and High

Residential Assumption, as shading effects on Dog Run (P5) would be the same under both land use assumptions:

Existing Shading Conditions:	The area where Dog Run (P5) will be located currently has 24,533,215 sfh of shadow per year, equal to being shaded 45.59% of the year. Existing shadow falls on the park throughout the day, with the exception of midday during summer and fall.
Project-Generated New Shading:	The proposed project would generate an increase of 49,947 sfh of new shadow per year, equal to an increase of 0.09% over current shading conditions, from mid-May through early August (approx. 80 days a year). New shadow effects broken out by season are characterized below:
Summer (May-Aug):	New shadows would be cast over the southern portion of the park during the first 25 minutes of the morning hours starting around 6:45AM from mid-May through early August.
Fall/Spring (Sept-Oct/Mar-Apr):	No project-generated shadow effects would occur during this time of year.
Winter (Nov-Feb):	No project-generated shadow effects would occur during this time of year.
Shadow from Cumulative Projects:	Dog Run (P5) would not be affected by shadow cast by cumulative projects.

Dog Run (P5) is part of the Mission Bay Parks system, however this park has no stated restrictions or limitations with respect to shadow under the Mission Bay Design Guidelines.

Diagrams showing the extent of new shadow on the day of maximum shading (June 28) are included as Exhibit M.

Proposed Dog Run (P5) Qualitative Analysis

Dog Run (P5) is proposed and not yet in existence, so it was not possible to directly observe the level and nature of its use; however, based on the basic programming information known at this time, below is a conceptual discussion of possible qualitative shading effects.

Located to the southwest of the proposed Seawall 337 development, the open space would receive no project-generated shadow at any time from the mid-morning on, with project buildings casting shadow on this open space only in the early morning hours. For a large portion of users, the Dog Run would be a specific destination where they would remain with or nearby their pets. If the final design of the Dog Run were to features seating areas located in the southwestern corner of the park along the Long Bridge Street frontage, users would likely be affected by early morning shadows from the project during summer months, however that shading would recede and leave the park over the span of 20 minutes or less, and therefore would not displace any users who had chosen a sunny location. ■



Current condition of Mission Bay Park P19 facing west

XIX. PROPOSED MISSION BAY PARK P19 (MISSION BAY PARKS)

Description

Mission Bay Park (P19) will be an approximately 0.2 acre triangular-shaped public open space under the jurisdiction of the Port, with the Mission Bay Development Group as the Master Developer. Located north of China Basin Street, south of Mission Rock Street, east of Lot 9A and west of Terry A. Francois Boulevard, Mission Bay Park (P19) is designed for passive recreation and to serve as a visual amenity. Positioned along the bay waterfront, the park will feature low maintenance and drought tolerant plants adapted for the windy conditions. Park P19 will provide plazas next to the neighboring residential building, an OCII affordable housing site, and a small planting strip along the residential units.

All entitlements and permits to construct Mission Bay Park (P19) have been secured, with commencement of park construction awaiting completion of surrounding streets (construction already underway). Tentative completion date for the park is currently set for Spring of 2017.

Project-Generated Shading on the Mission Bay Park (P19)

Below is a summary of the project shading effects on Mission Bay Park (P19). The discussion below refers to shading effects of both the High Commercial Assumption and High Residential Assumption, as shading effects on Mission Bay Park (P19) would be the same under both land use assumptions:

Existing Shading Conditions:	The area where Mission Bay Park (P19) will be located currently has 2,090,431 sfh of shadow per year, equal to being shaded 6.46% of the year.
Project-Generated New Shading:	The proposed project would generate an increase of 139,994 sfh of new shadow per year, equal to an increase of 0.43% over current shading conditions, from mid-April through late August (approx 140 days a year). New shadow effects broken out by season are characterized below:
Summer (May-Aug):	New shadows would be cast over the northern 2/3rds of the park in the later afternoon/evening starting between 6:15-6:45PM.
Fall/Spring (Sept-Oct/Mar-Apr):	Other than a few afternoons in late spring, no project-generated shadow effects would occur during this time of year.
Winter (Nov-Feb):	No project-generated shadow effects would occur during this time of year.
Shadow from Cumulative Projects:	Mission Bay Park (P19) would be affected by shadow cast by cumulative projects, specifically from development on Lot 9A which is immediately adjacent to the park to the west. Throughout the year, cumulative shading would occur in the park daily starting a midday and present throughout the afternoon, expanding eastward as the day progresses. During summer months, the entire park would be in cumulative shadow by around 5 pm. During the Fall/ Winter/Spring, the northern 3/4s of the park would be shaded by the early afternoon, with the whole park being cast in shadow by around 6pm. At times when project shadows would be present, cumulative shadow would also be present covering all locations where project shadows would fall. Therefore, at such a time in the future when the cumulative projects are built as planned, there would be no net new shadow from the project on Mission Bay Park P19 due to shadow cast by cumulative projects.

Mission Bay Park (P19) is part of the Mission Bay Parks system, however this park has no stated restrictions or limitations with respect to shadow under the Mission Bay Design Guidelines.

Diagrams showing the extent of new shadow on the day of maximum shading (June 21) are included as Exhibit N.

Proposed Mission Bay Park (P19) Qualitative Analysis

Mission Bay Park (P19) is proposed and not yet in existence, so it was not possible to directly observe the level and nature of its use; however, based on the basic programming information known at this time, below is a conceptual discussion of possible qualitative shading effects.

Located to the south and east of the proposed Seawall 337 development, the open space would only receive project-generated shadow during summer late afternoon/evenings. While little specific information is available regarding programming, it is likely that many of users of this open space would likely be transitory in nature. If such features such as fixed seating were implemented on the northern side of the space, it is possible users might be affected by project-generated shadows. ■

EXHIBIT A: SWEEP DIAGRAMS OF ALL AFFECTED SPACES

A1: Summer Solstice (June 21st)

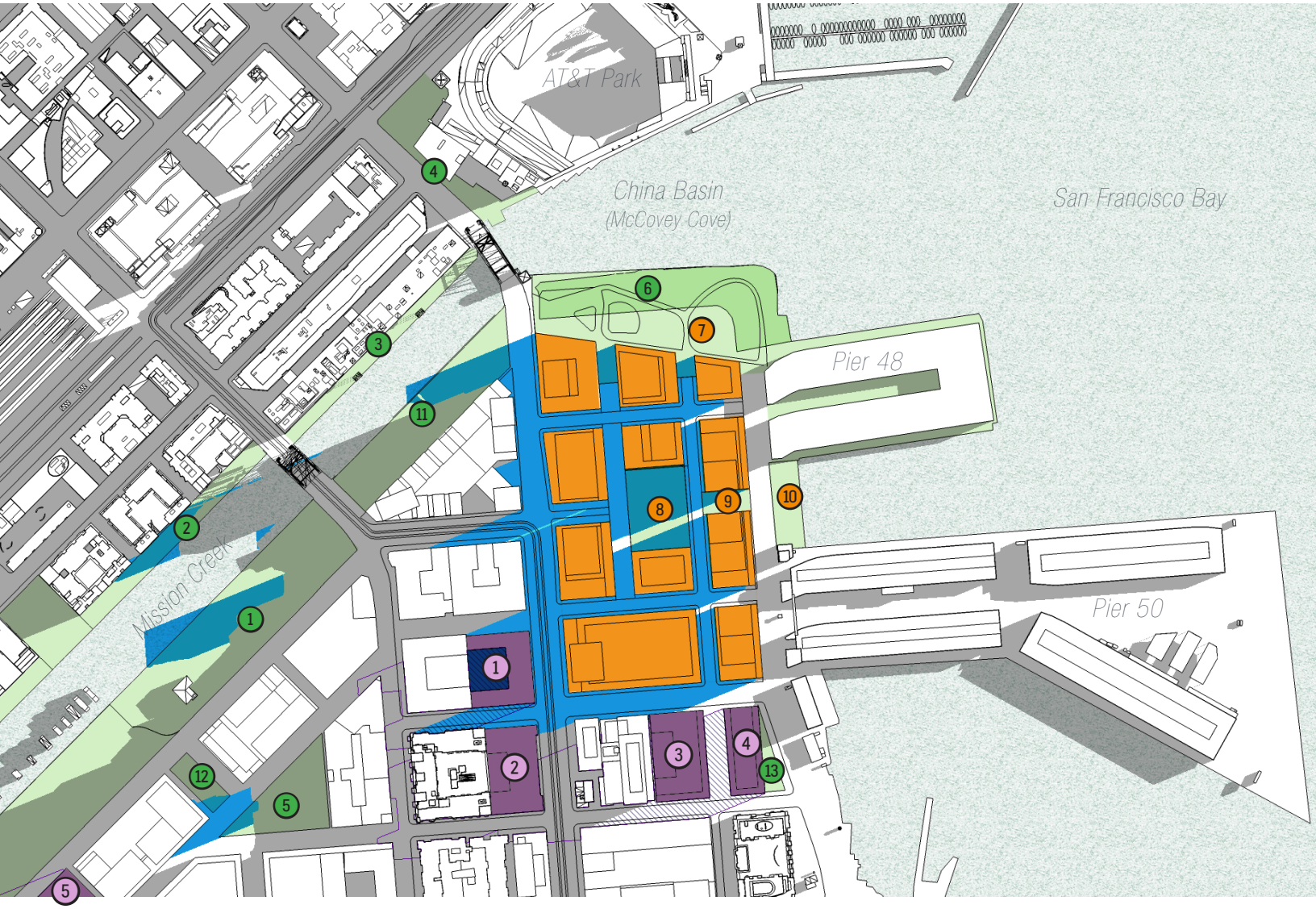
A2: Vernal/Autumnal Equinoxes (March 20th/September 22nd)

A3: Winter Solstice (December 20th)

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset..

A1.1 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Summer Solstice



N

SUMMER SOLSTICE
JUNE 21

6:46 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

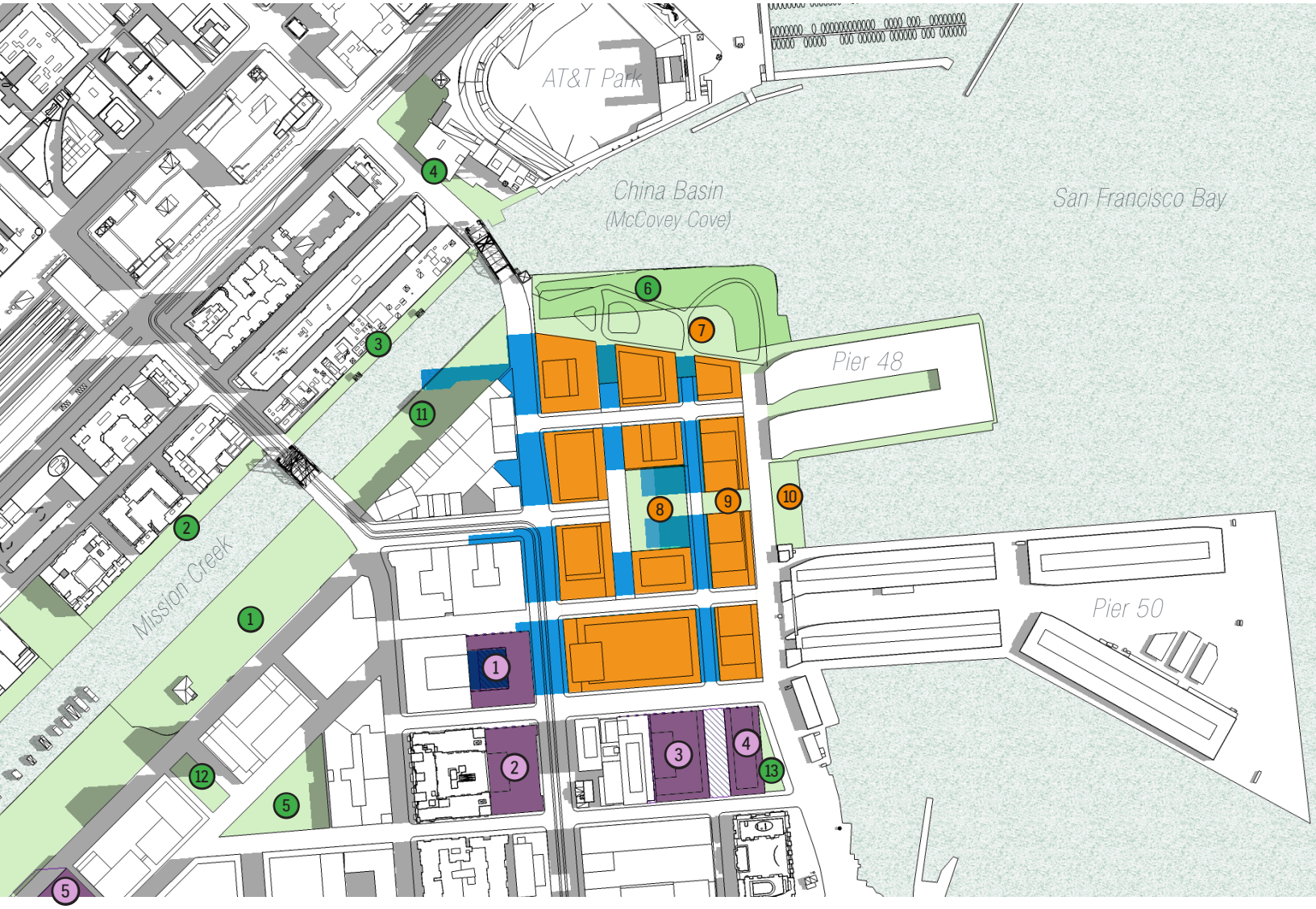
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A1.2 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Summer Solstice



N

SUMMER SOLSTICE
JUNE 21

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

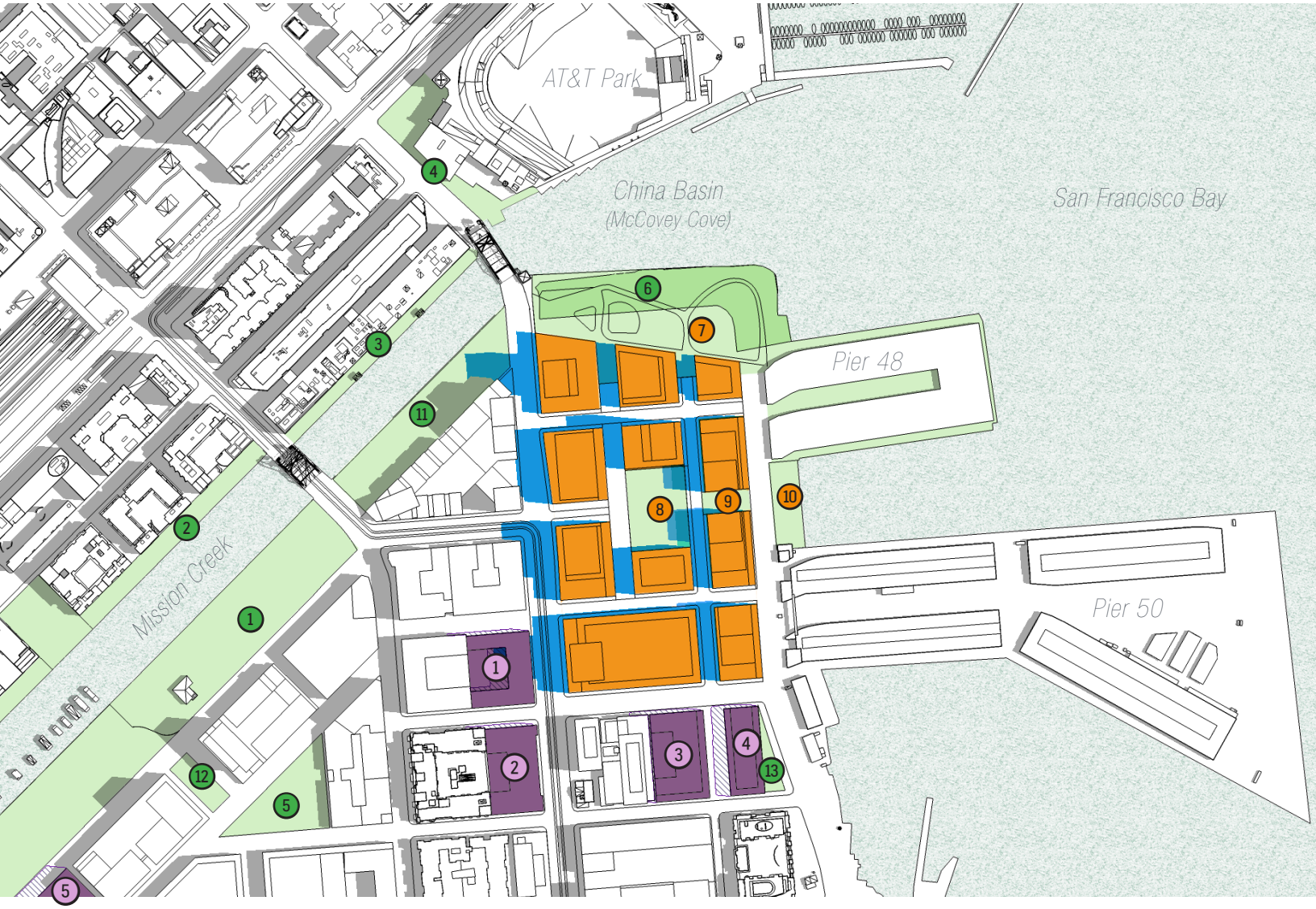
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A1.3 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Summer Solstice



N

SUMMER SOLSTICE
JUNE 21

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

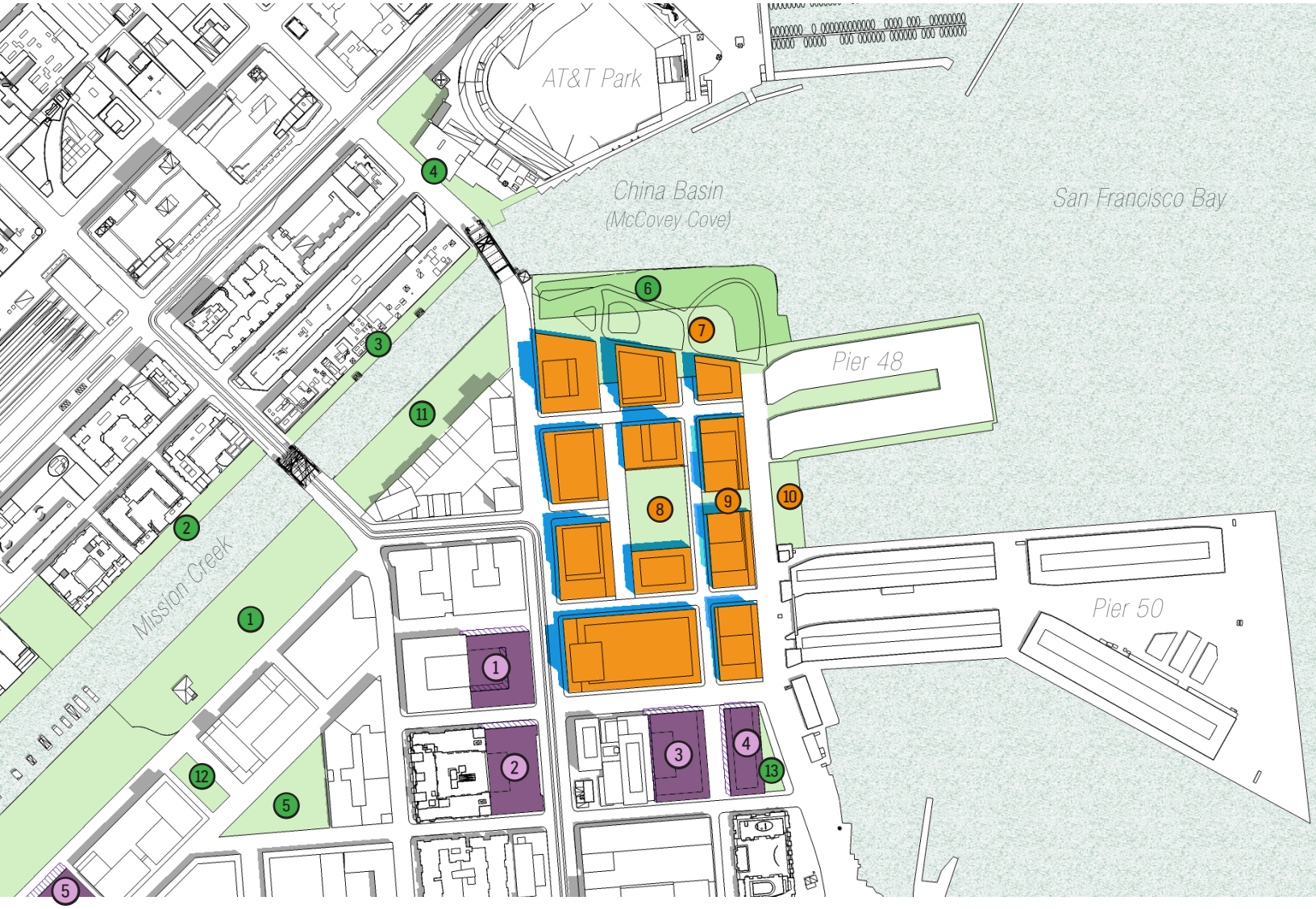
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A1.4 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Summer Solstice



N

SUMMER SOLSTICE
JUNE 21

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

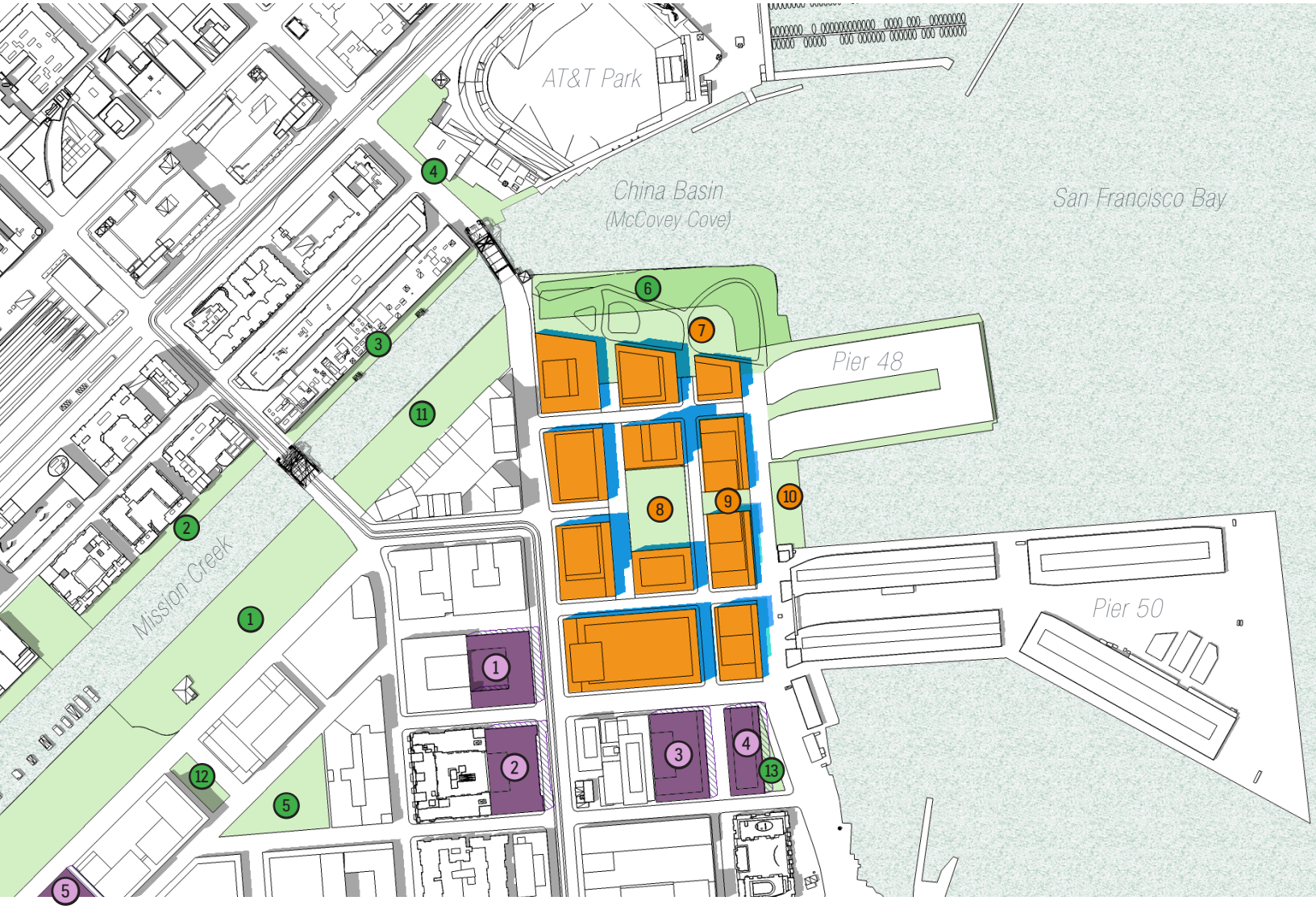
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A1.5 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Summer Solstice



N

SUMMER SOLSTICE
JUNE 21

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

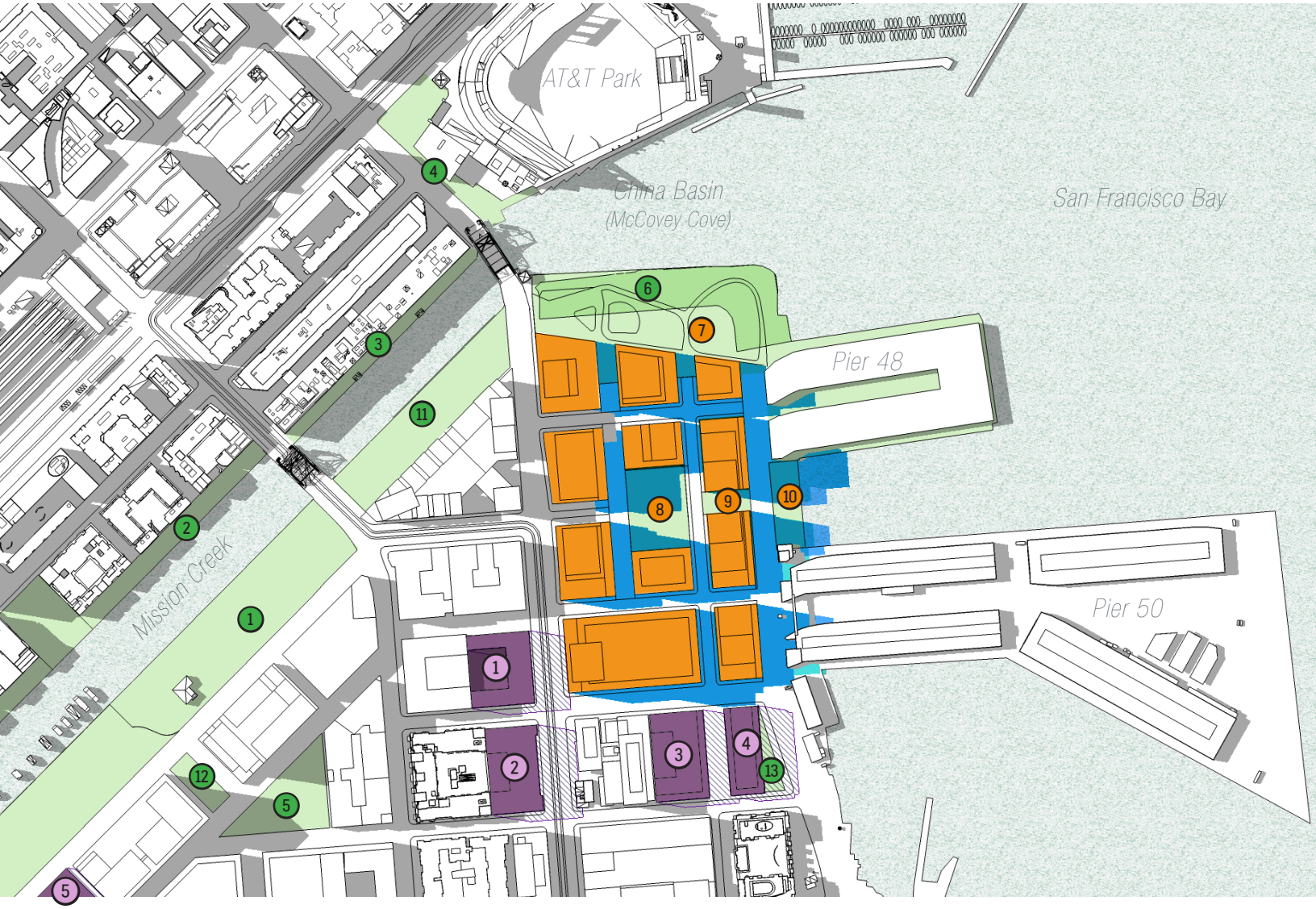
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A1.6 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Summer Solstice



N

SUMMER SOLSTICE JUNE 21

6:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
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8. Mission Rock Square*
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11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

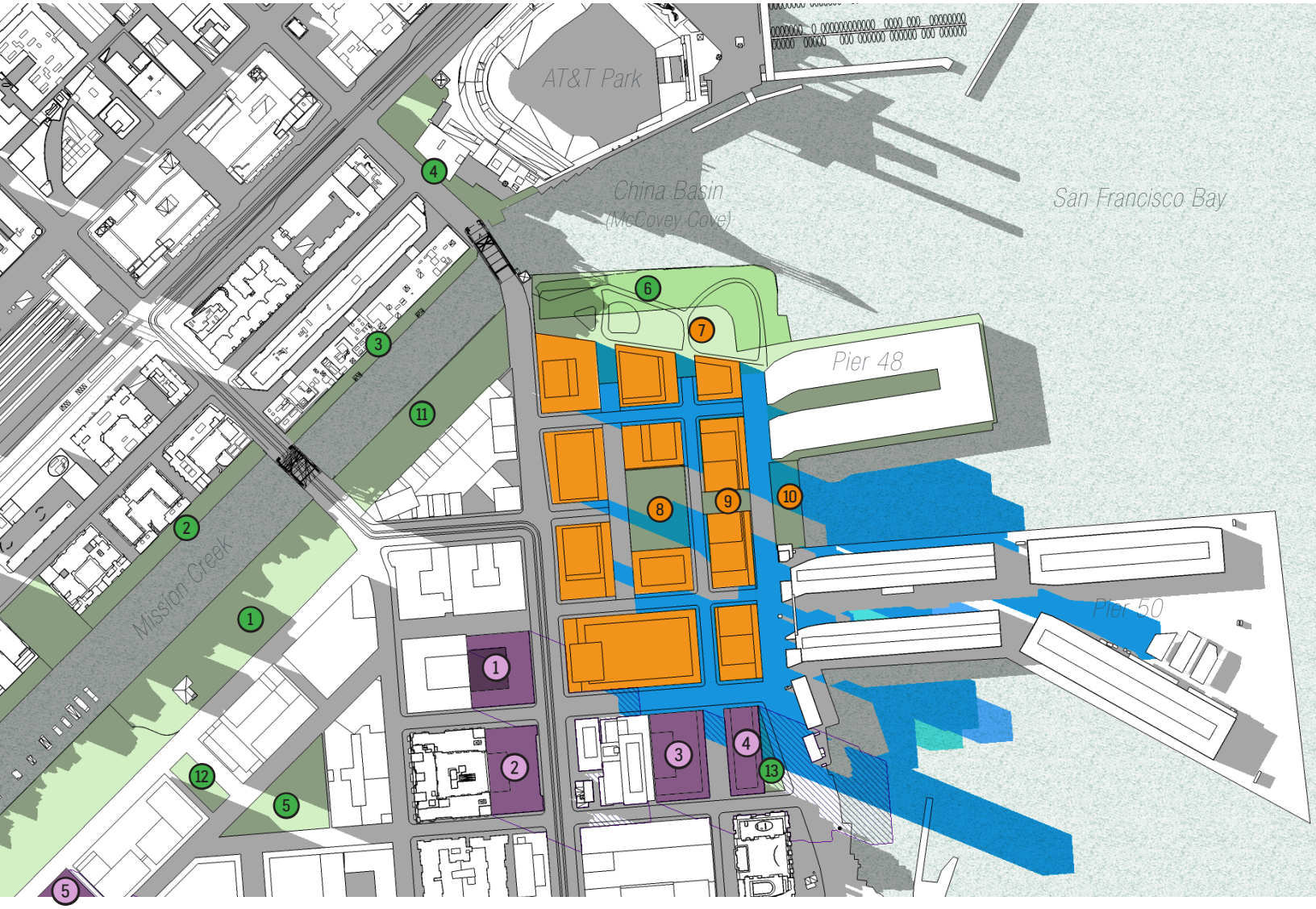
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A1.7 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Summer Solstice



N

SUMMER SOLSTICE
JUNE 21

7:36 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

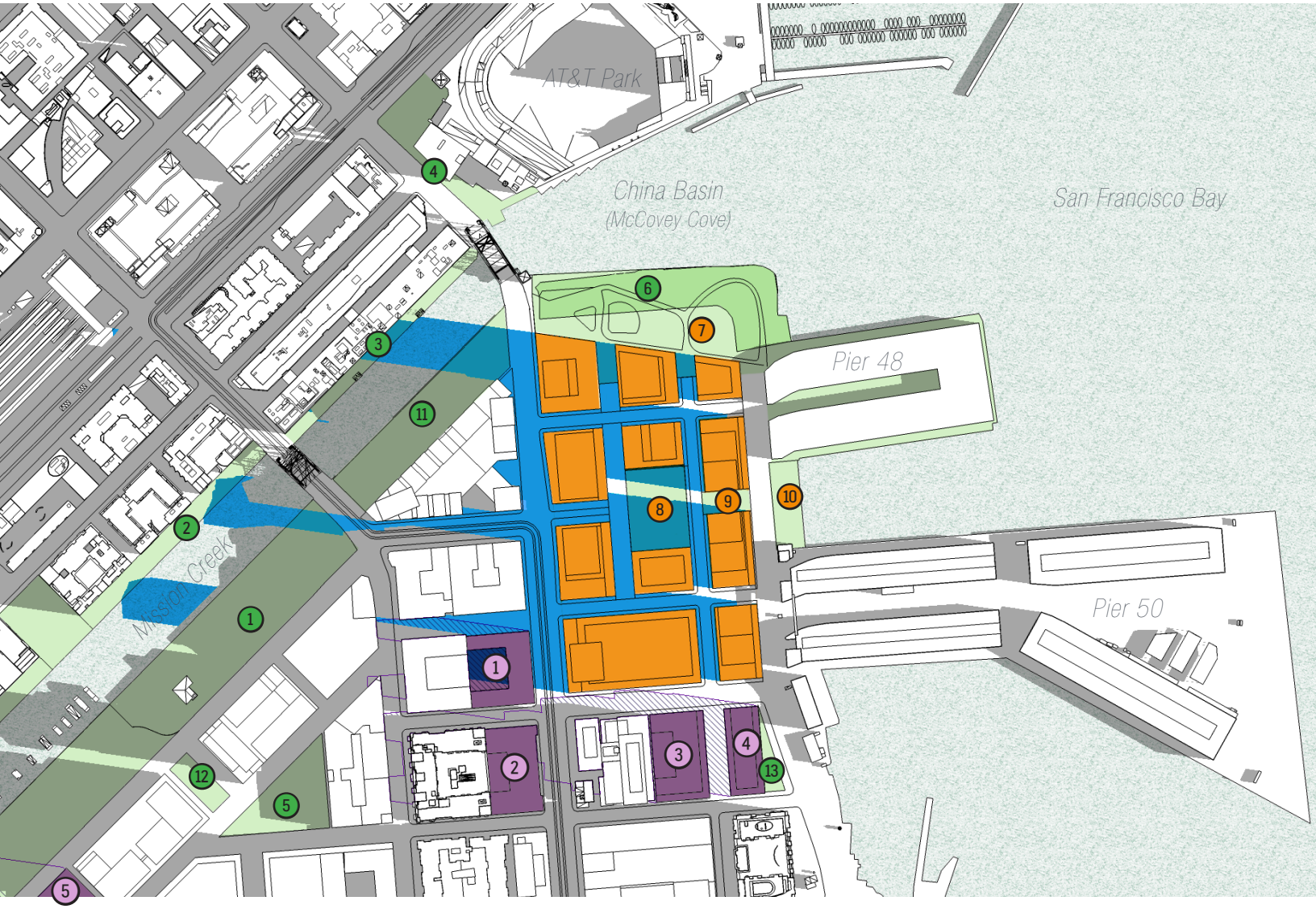
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A2.1 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams near the Fall/Spring Equinoxes



APPROX. FALL EQUINOX (SPRING SIMILAR)
SEPTEMBER 20

7:57 AM

N

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

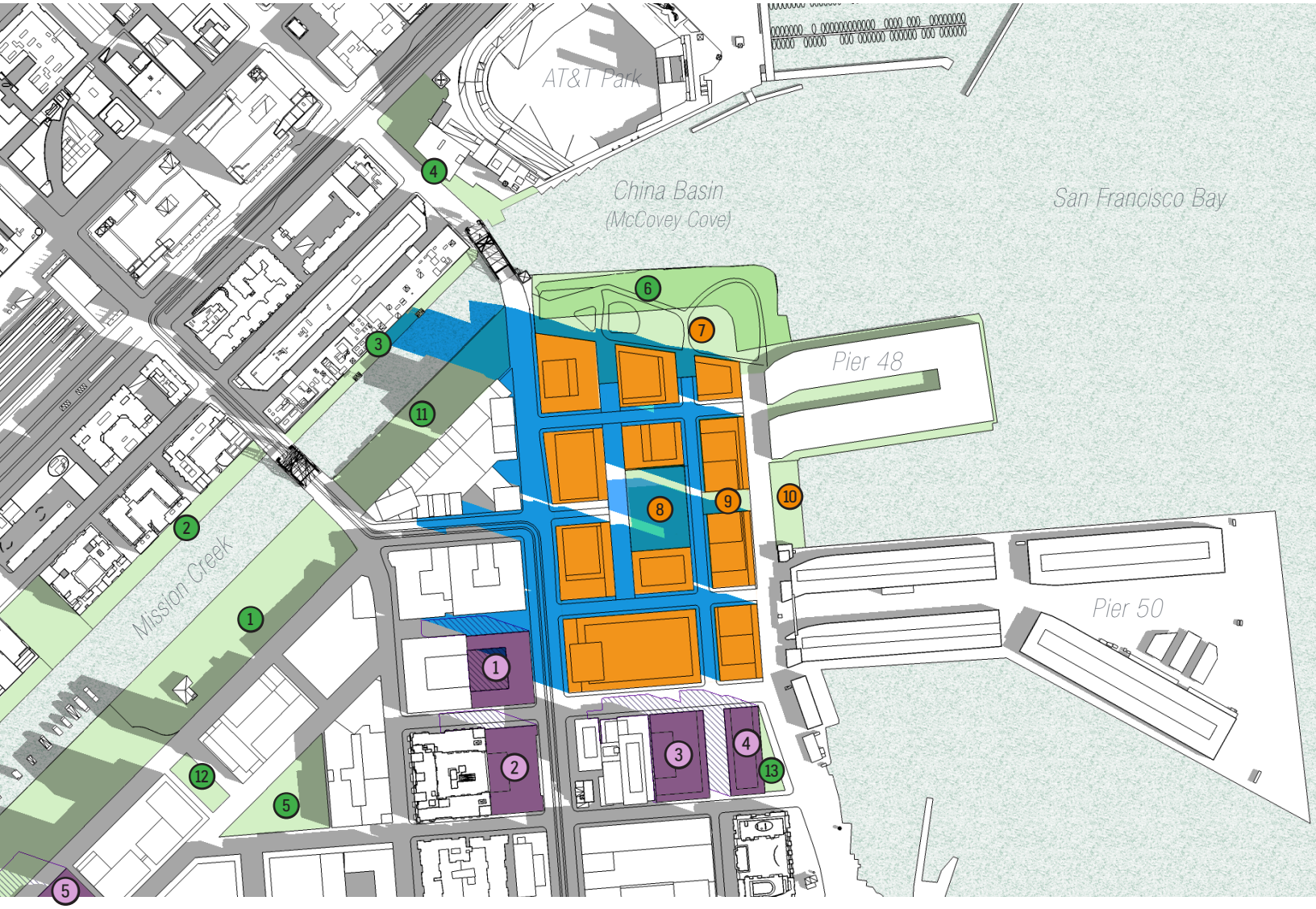
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A2.2 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams near the Fall/Spring Equinoxes



N

APPROX. FALL EQUINOX (SPRING SIMILAR)
SEPTEMBER 20

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

**under construction / proposed*

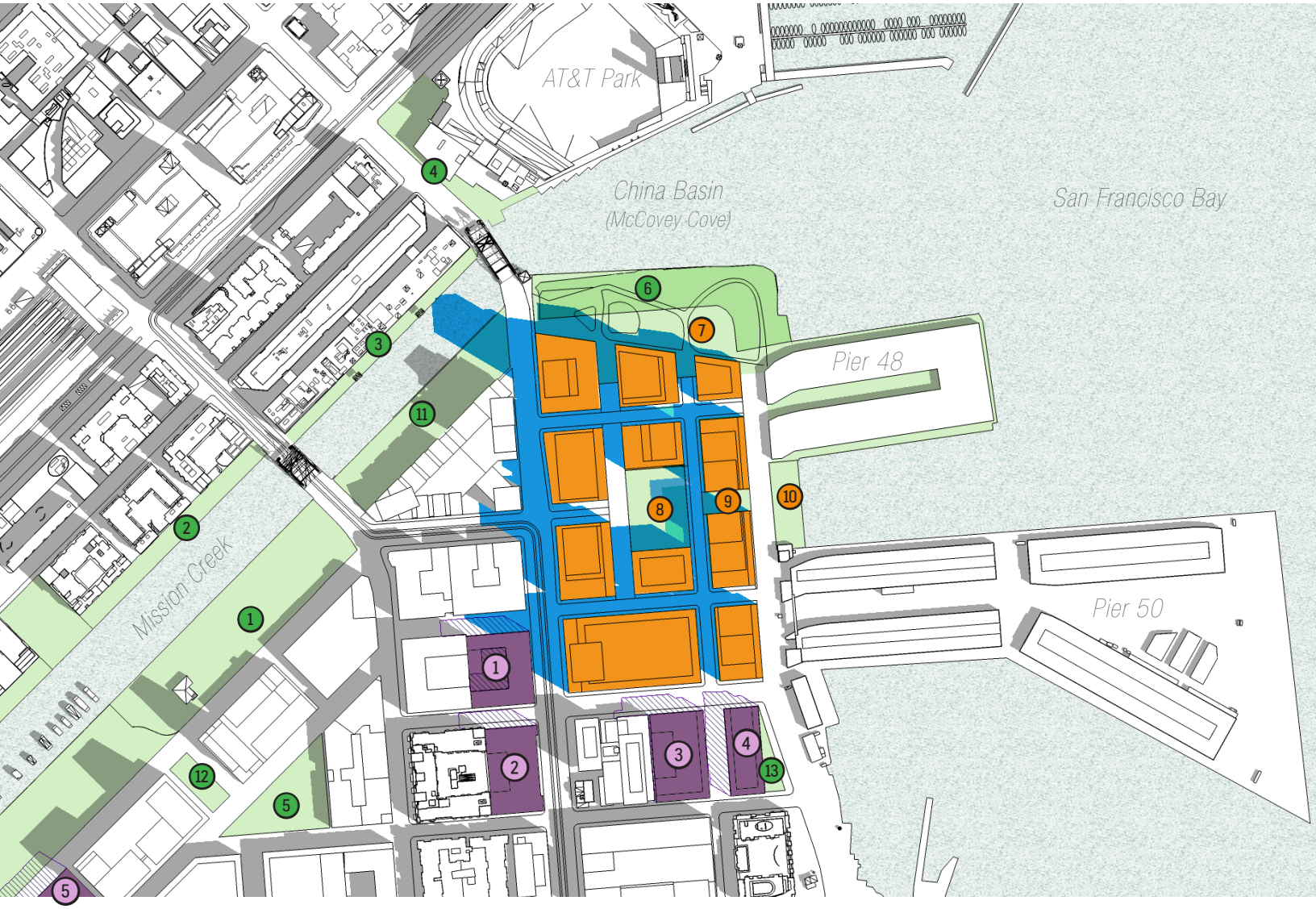
Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A2.3

SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams near the Fall/Spring Equinoxes



N

APPROX. FALL EQUINOX (SPRING SIMILAR)
SEPTEMBER 20

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A2.4 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams near the Fall/Spring Equinoxes



APPROX. FALL EQUINOX (SPRING SIMILAR)
SEPTEMBER 20

12:00 PM

N

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

**under construction / proposed*

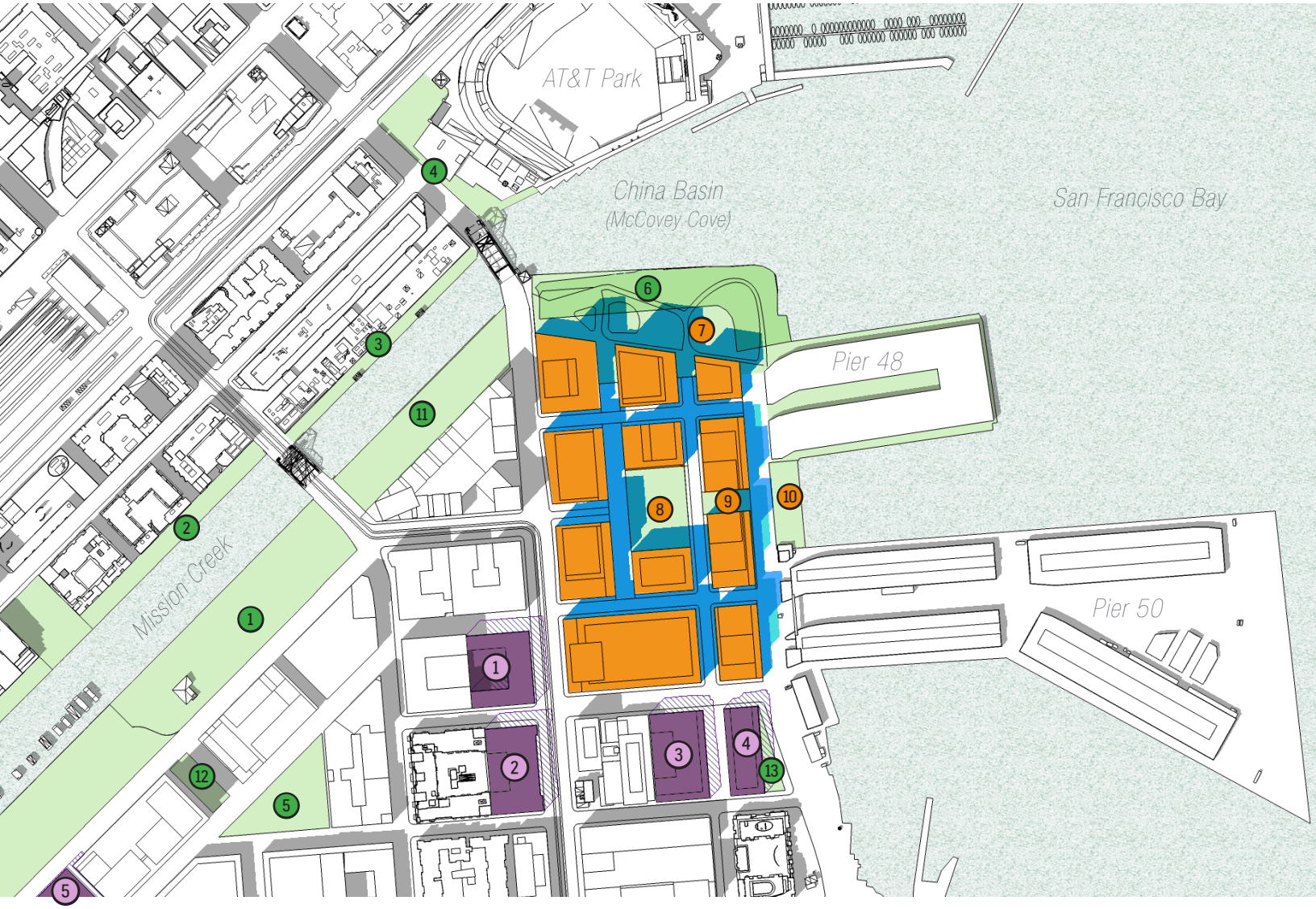
Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A2.5

SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams near the Fall/Spring Equinoxes



N

APPROX. FALL EQUINOX (SPRING SIMILAR)
SEPTEMBER 20

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

**under construction / proposed*

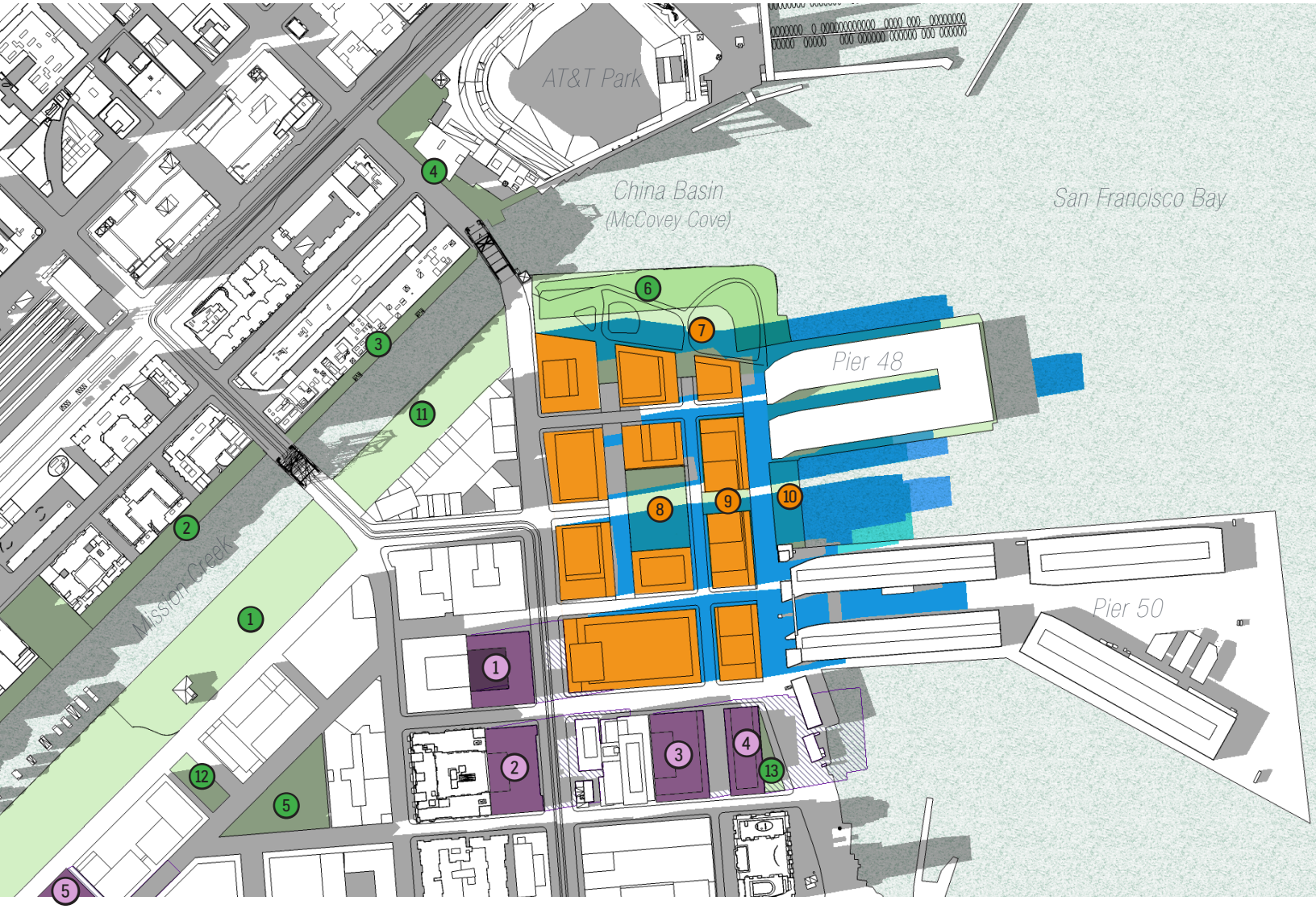
Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A2.6

SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams near the Fall/Spring Equinoxes



N

APPROX. FALL EQUINOX (SPRING SIMILAR)
SEPTEMBER 20

6:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

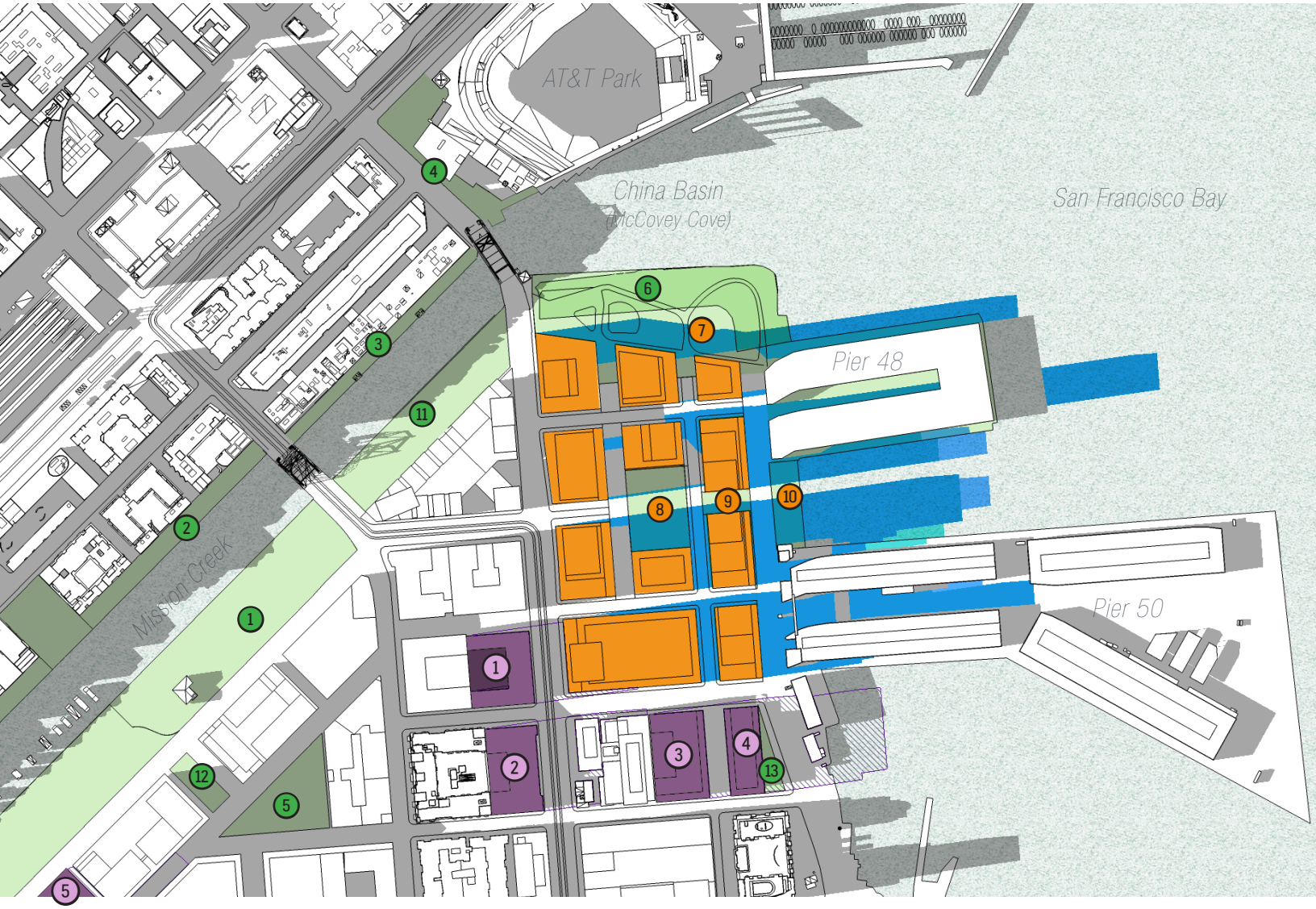
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A2.7 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams near the Fall/Spring Equinoxes



N

APPROX. FALL EQUINOX (SPRING SIMILAR) SEPTEMBER 20

6:09 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

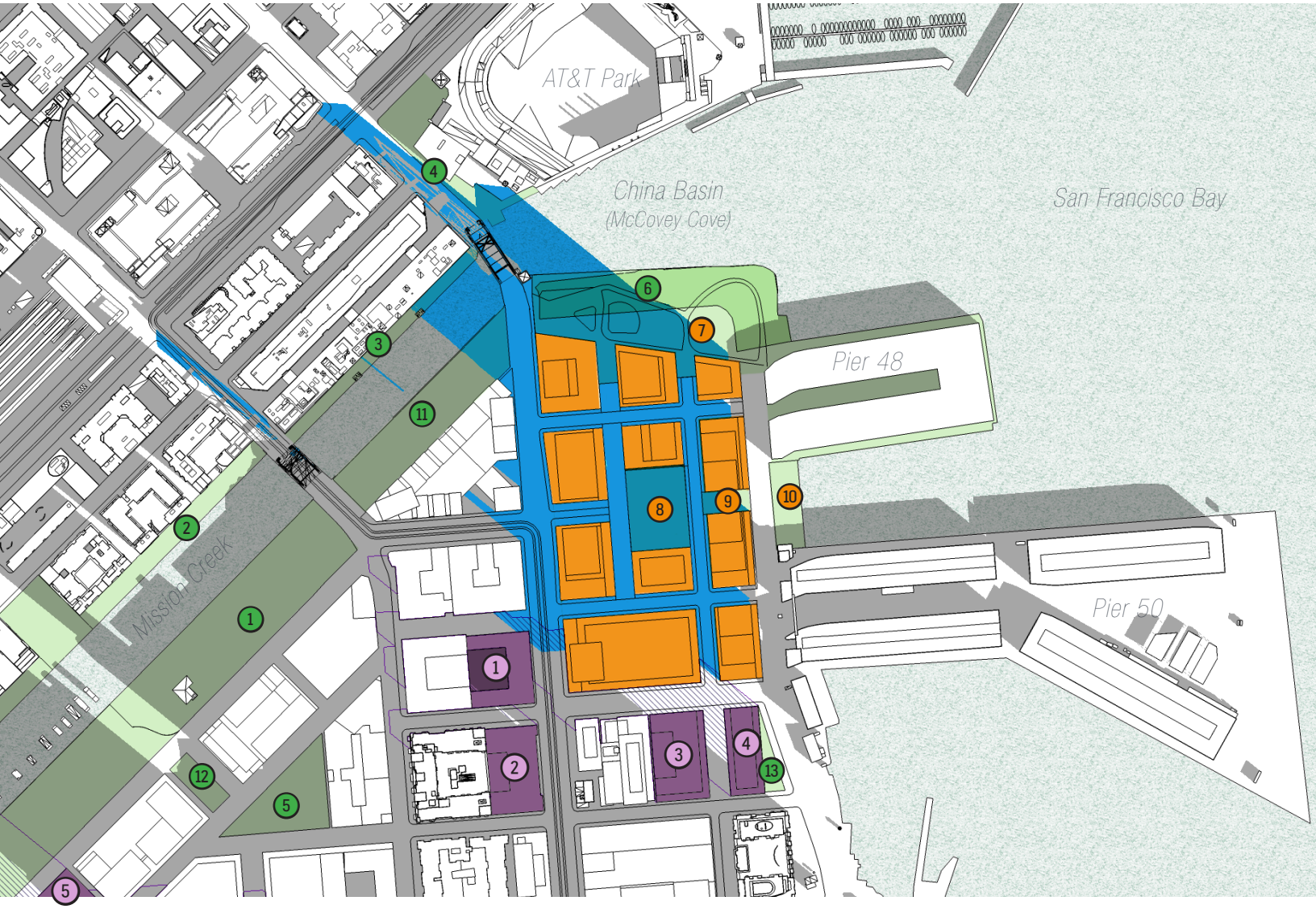
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A3.1 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Winter Solstice



N

WINTER SOLSTICE
DECEMBER 20

8:19 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

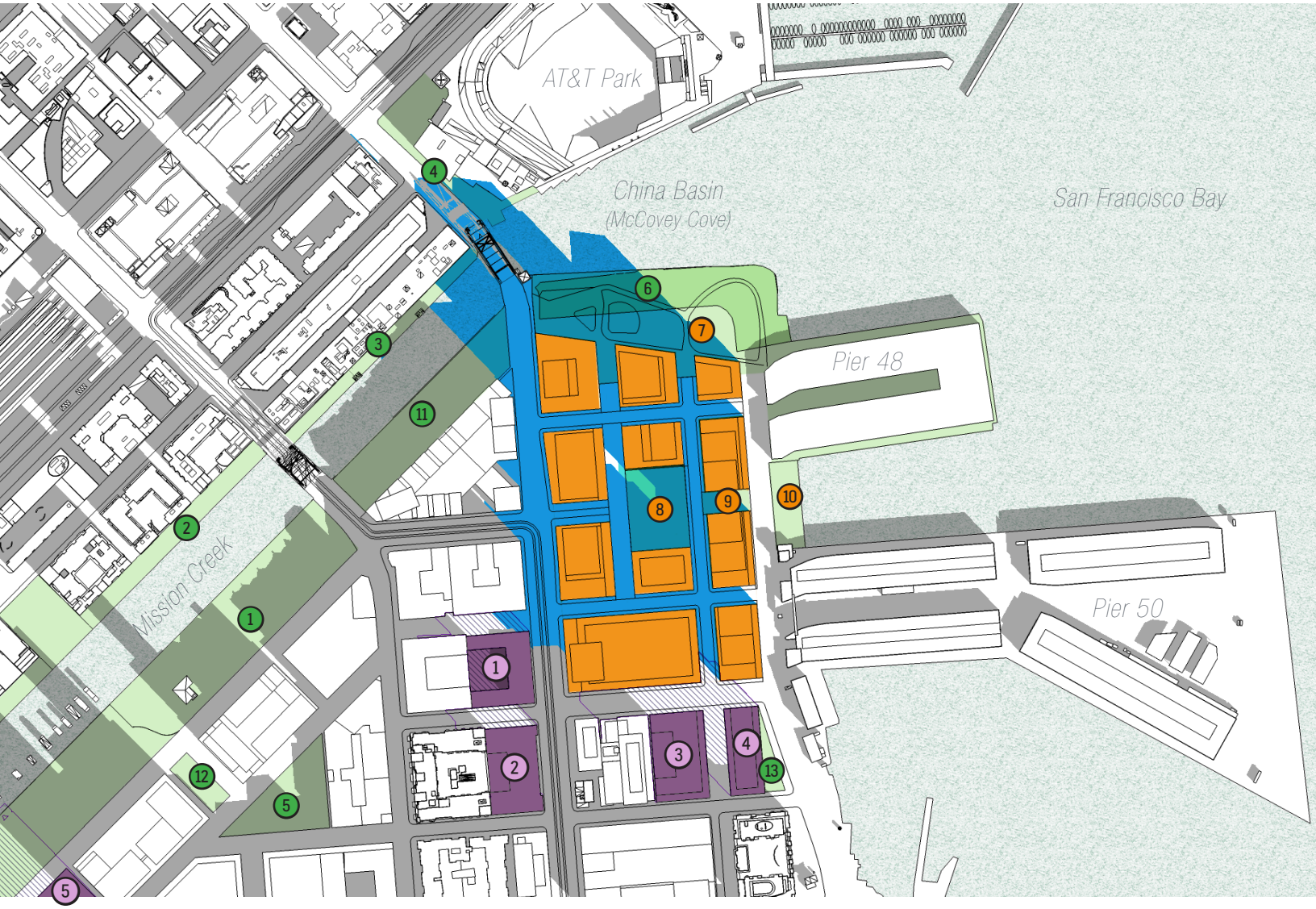
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A3.2 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Winter Solstice



WINTER SOLSTICE
DECEMBER 20

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A3.3 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Winter Solstice



N

WINTER SOLSTICE
DECEMBER 20

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A3.4 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Winter Solstice



N

WINTER SOLSTICE
DECEMBER 20

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

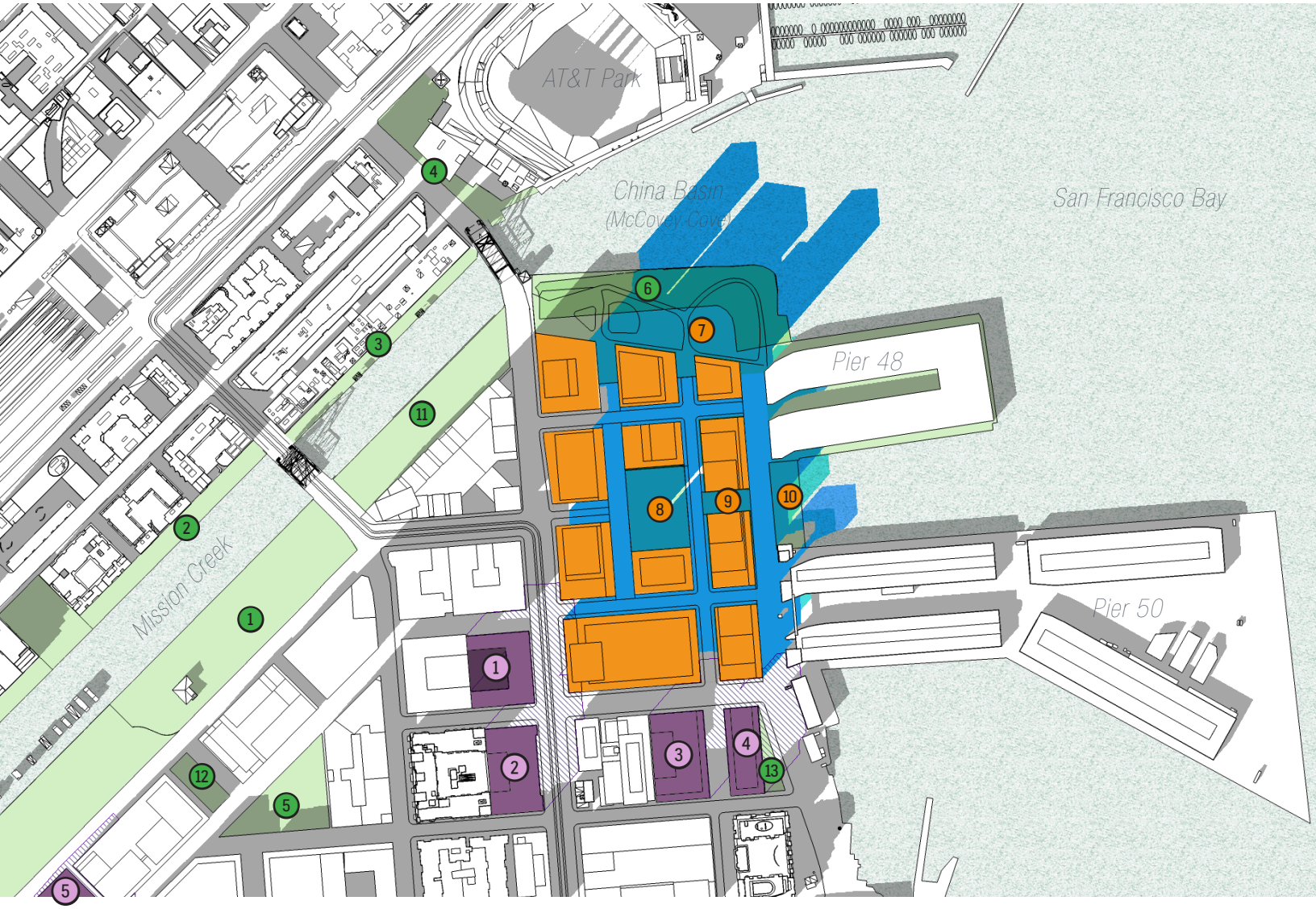
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A3.5 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Winter Solstice



N

WINTER SOLSTICE DECEMBER 20

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

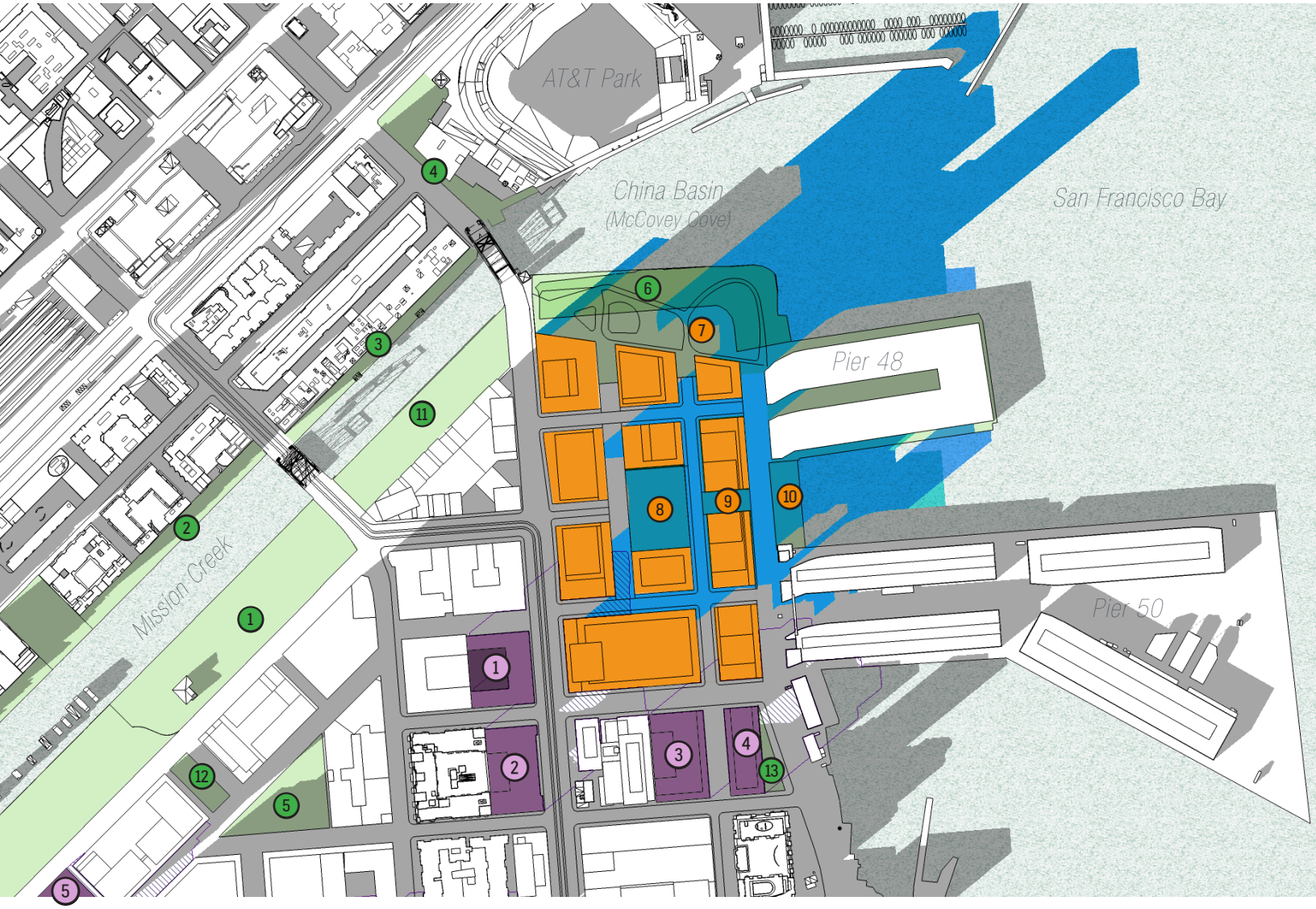
**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

A3.6 SEAWALL 337 PROJECT SWEEP GRAPHICS

Shading diagrams on the Winter Solstice



N

WINTER SOLSTICE
DECEMBER 20

3:54 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park (P1)
2. Mission Creek Park Esplanade (NP1)
3. China Basin Building Promenade
4. AT&T Park Plaza
5. Children's Park (P6)
6. China Basin Park (existing)
7. New China Basin Park*
8. Mission Rock Square*
9. Channel Lane*
10. Channel Wharf*
11. Mission Creek Park (P3)*
12. Dog Run (P5)*
13. Mission Bay Park (P19)*

**under construction / proposed*

Cumulative Projects

1. Lot 3E
2. Lot 4E
3. Lot 9
4. Lot 9A
5. Lot 12W

EXHIBIT B: SHADOW DIAGRAMS ON MISSION CREEK PARK SOUTH (P1)

B1: Shadow Diagrams on Day of Maximum Shading

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset + at 15 minute intervals when new shading is present in the open space..

B1.1 MISSION CREEK PARK SOUTH (P1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

6:48 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade (NP1)
11. Mission Creek Park South (P3)*

**under construction / proposed*

Mission Creek Park South (P1) Key:

1. Park Entries
2. Paved Walkways
3. Grassy Areas
4. Ampitheatre
5. Pavillion
6. Patio Area

B1.2 MISSION CREEK PARK SOUTH (P1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

7:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade (NP1)
11. Mission Creek Park South (P3)*

**under construction / proposed*

Mission Creek Park South (P1) Key:

1. Park Entries
2. Paved Walkways
3. Grassy Areas
4. Ampitheatre
5. Pavillion
6. Patio Area

B1.3 MISSION CREEK PARK SOUTH (P1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

7:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade (NP1)
11. Mission Creek Park South (P3)*

**under construction / proposed*

Mission Creek Park South (P1) Key:

1. Park Entries
2. Paved Walkways
3. Grassy Areas
4. Ampitheatre
5. Pavillion
6. Patio Area

B1.4 MISSION CREEK PARK SOUTH (P1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade (NP1)
11. Mission Creek Park South (P3)*

**under construction / proposed*

Mission Creek Park South (P1) Key:

1. Park Entries
2. Paved Walkways
3. Grassy Areas
4. Ampitheatre
5. Pavillion
6. Patio Area

B1.5 MISSION CREEK PARK SOUTH (P1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade (NP1)
11. Mission Creek Park South (P3)*

**under construction / proposed*

Mission Creek Park South (P1) Key:

1. Park Entries
2. Paved Walkways
3. Grassy Areas
4. Ampitheatre
5. Pavillion
6. Patio Area

B1.6 MISSION CREEK PARK SOUTH (P1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade (NP1)
11. Mission Creek Park South (P3)*

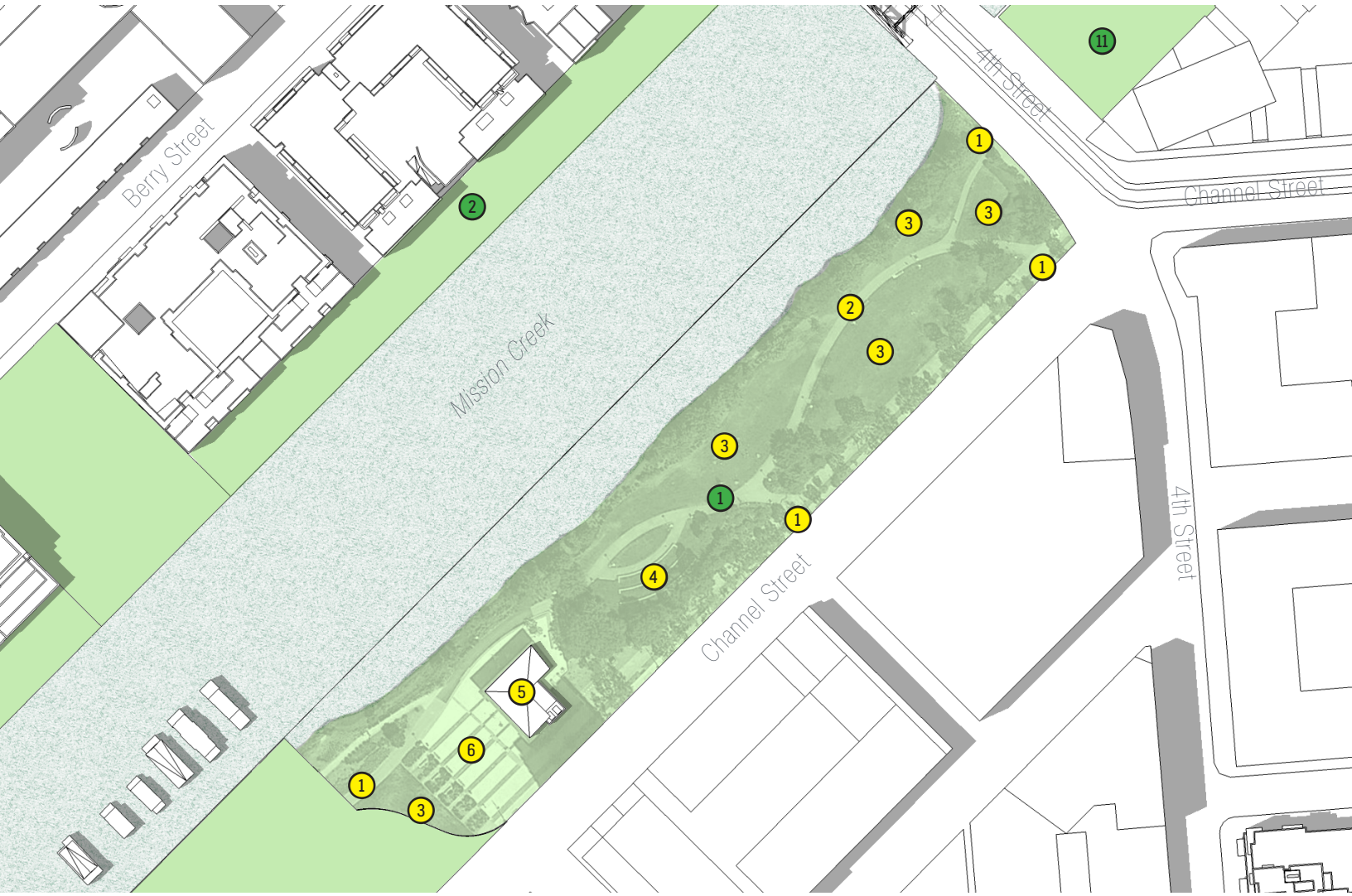
**under construction / proposed*

Mission Creek Park South (P1) Key:

1. Park Entries
2. Paved Walkways
3. Grassy Areas
4. Ampitheatre
5. Pavillion
6. Patio Area

B1.7 MISSION CREEK PARK SOUTH (P1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade (NP1)
11. Mission Creek Park South (P3)*

**under construction / proposed*

Mission Creek Park South (P1) Key:

1. Park Entries
2. Paved Walkways
3. Grassy Areas
4. Ampitheatre
5. Pavillion
6. Patio Area

B1.8 MISSION CREEK PARK SOUTH (P1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

6:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade (NP1)
11. Mission Creek Park South (P3)*

**under construction / proposed*

Mission Creek Park South (P1) Key:

1. Park Entries
2. Paved Walkways
3. Grassy Areas
4. Ampitheatre
5. Pavillion
6. Patio Area

B1.9 MISSION CREEK PARK SOUTH (P1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

7:36 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade (NP1)
11. Mission Creek Park South (P3)*

**under construction / proposed*

Mission Creek Park South (P1) Key:

1. Park Entries
2. Paved Walkways
3. Grassy Areas
4. Ampitheatre
5. Pavillion
6. Patio Area

EXHIBIT C: SHADOW DIAGRAMS ON MISSION CREEK PARK ESPLANADE

C1: Shadow Diagrams on Day of Maximum Shading

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset + at 15 minute intervals when new shading is present in the open space..

C1.1 MISSION CREEK PARK ESPLANADE (NP1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

6:48 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- (2) Mission Creek Park Esplanade (NP1)
- (3) China Basin Building Promenade
- (1) Mission Creek Park South (P1)

Mission Creek Park Esplanade (NP1) Key:
- (1) Walkways
- (2) Passage to Berry Street

C1.2 MISSION CREEK PARK ESPLANADE (NP1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

7:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- (2) Mission Creek Park Esplanade (NP1)
- (3) China Basin Building Promenade
- (1) Mission Creek Park South (P1)

Mission Creek Park Esplanade (NP1) Key:

- (1) Walkways
- (2) Passage to Berry Street

C1.3 MISSION CREEK PARK ESPLANADE (NP1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

7:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- (2) Mission Creek Park Esplanade (NP1)
- (3) China Basin Building Promenade
- (1) Mission Creek Park South (P1)

Mission Creek Park Esplanade (NP1) Key:

- (1) Walkways
- (2) Passage to Berry Street

C1.4 MISSION CREEK PARK ESPLANADE (NP1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 1 Mission Creek Park South (P1)

Mission Creek Park Esplanade (NP1) Key:
- 1 Walkways
- 2 Passage to Berry Street

C1.5 MISSION CREEK PARK ESPLANADE (NP1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- (2) Mission Creek Park Esplanade (NP1)
- (3) China Basin Building Promenade
- (1) Mission Creek Park South (P1)

Mission Creek Park Esplanade (NP1) Key:
- (1) Walkways
- (2) Passage to Berry Street

C1.6 MISSION CREEK PARK ESPLANADE (NP1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 1 Mission Creek Park South (P1)

Mission Creek Park Esplanade (NP1) Key:
- 1 Walkways
- 2 Passage to Berry Street

C1.7 MISSION CREEK PARK ESPLANADE (NP1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- (2) Mission Creek Park Esplanade (NP1)
- (3) China Basin Building Promenade
- (1) Mission Creek Park South (P1)

Mission Creek Park Esplanade (NP1) Key:

- (1) Walkways
- (2) Passage to Berry Street

C1.8 MISSION CREEK PARK ESPLANADE (NP1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

6:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 1 Mission Creek Park South (P1)

Mission Creek Park Esplanade (NP1) Key:

- 1 Walkways
- 2 Passage to Berry Street

C1.9 MISSION CREEK PARK ESPLANADE (NP1) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

7:36 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- (2) Mission Creek Park Esplanade (NP1)
- (3) China Basin Building Promenade
- (1) Mission Creek Park South (P1)

Mission Creek Park Esplanade (NP1) Key:

- (1) Walkways
- (2) Passage to Berry Street

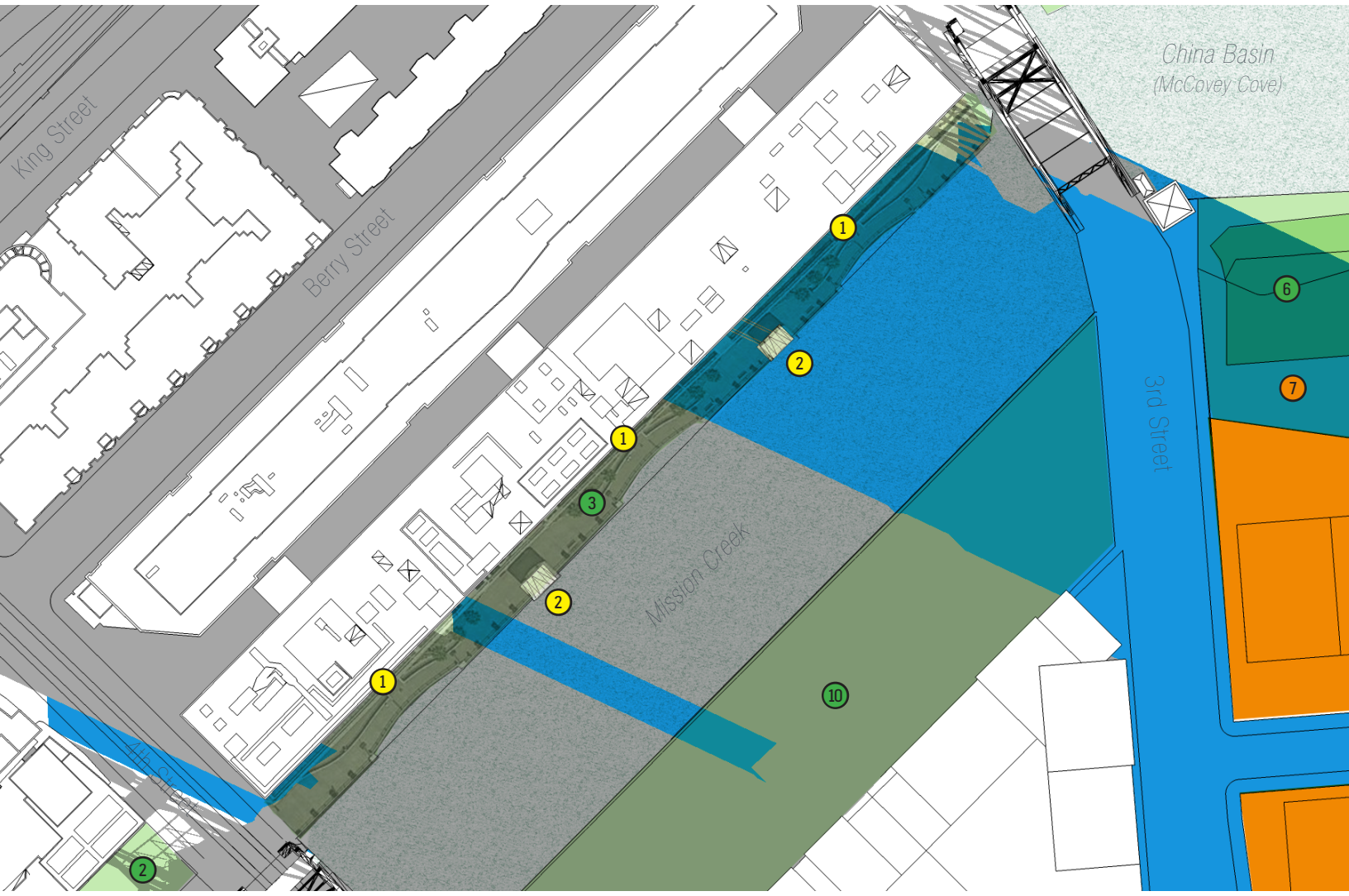
EXHIBIT D: SHADOW DIAGRAMS ON CHINA BASIN BUILDING PLAZA

D1: Shadow Diagrams on Day of Maximum Shading

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset + at 15 minute intervals when new shading is present in the open space..

D1.1 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

7:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

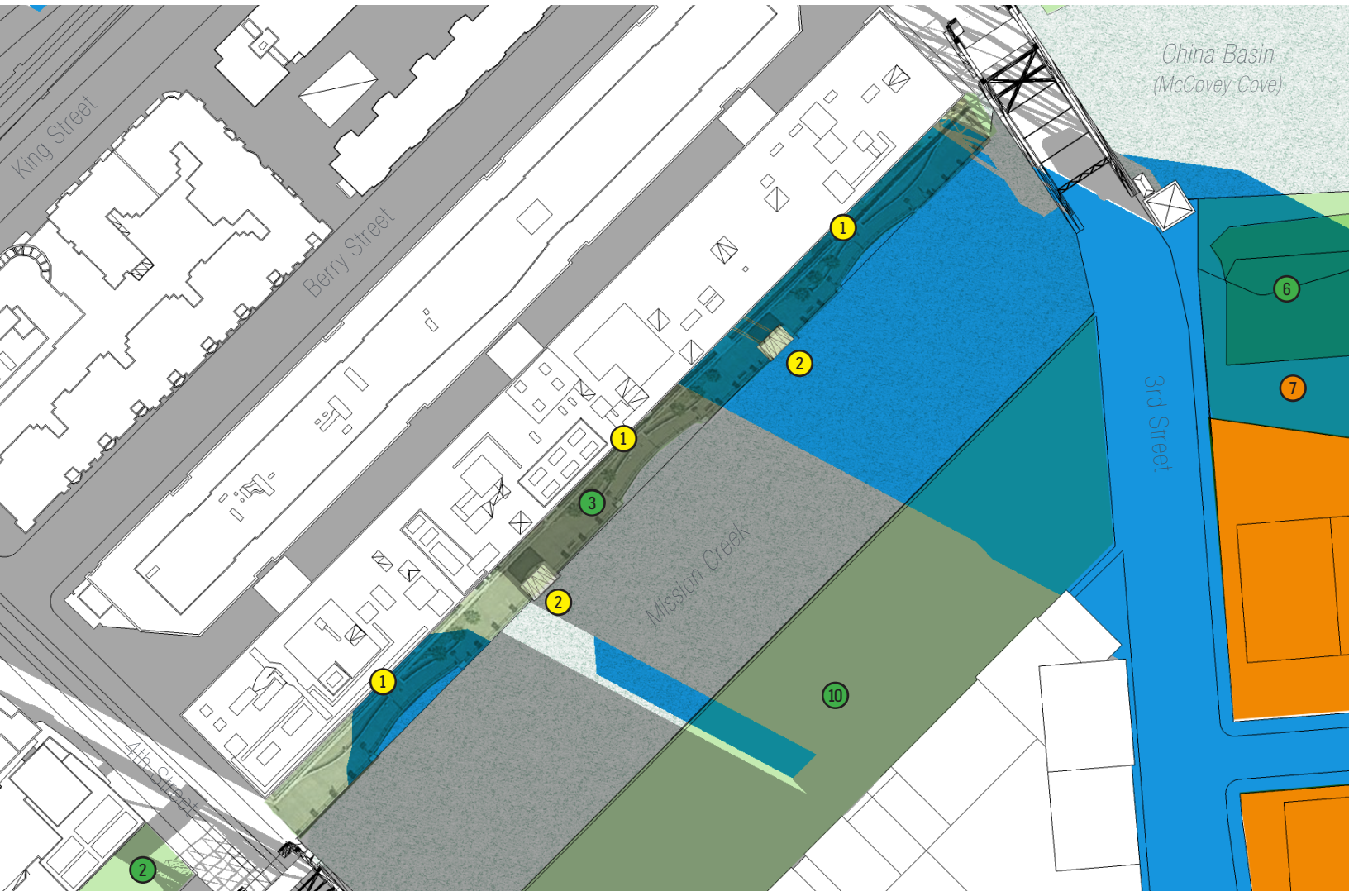
**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.2 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

7:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

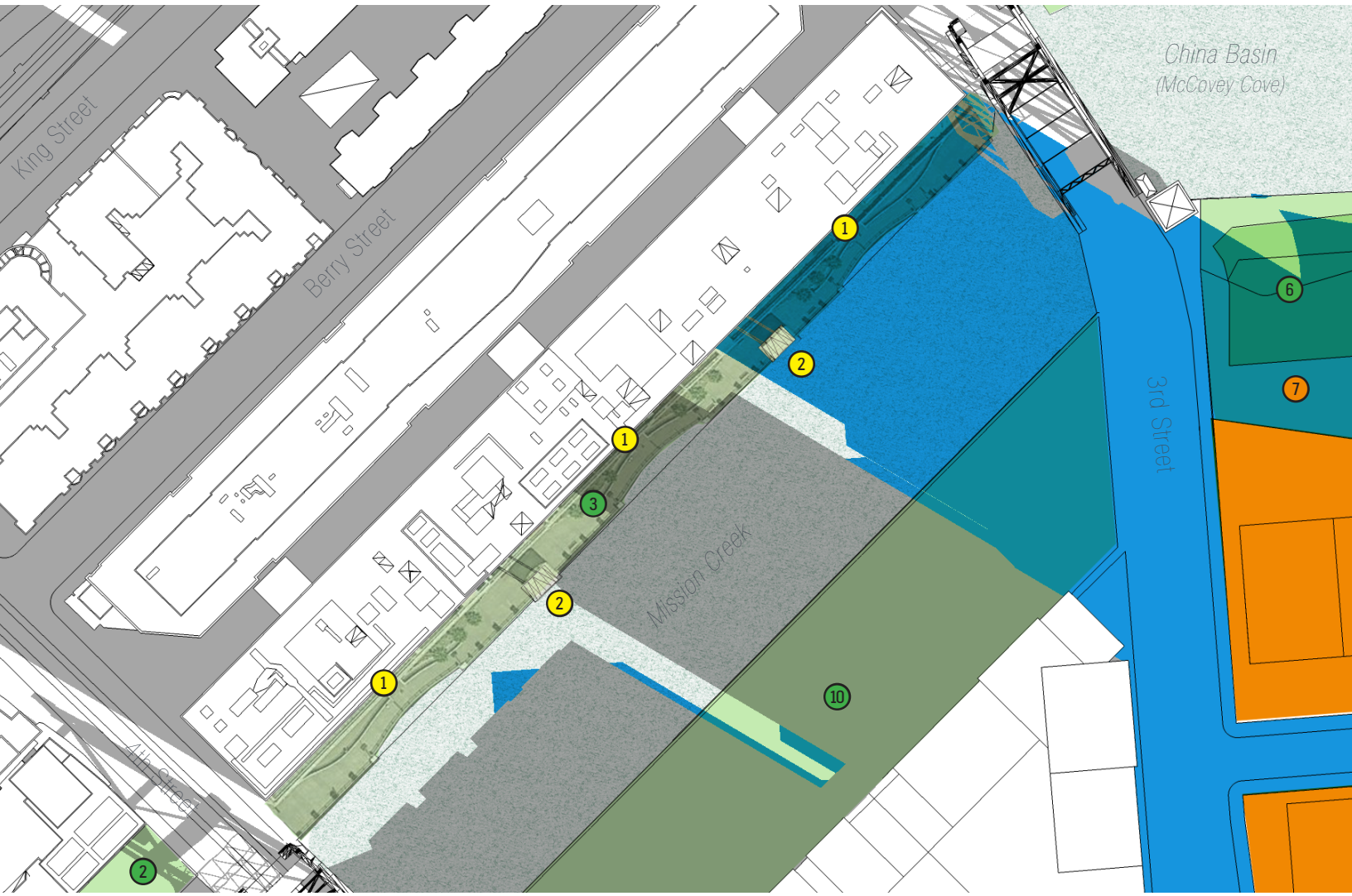
**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.3 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

8:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

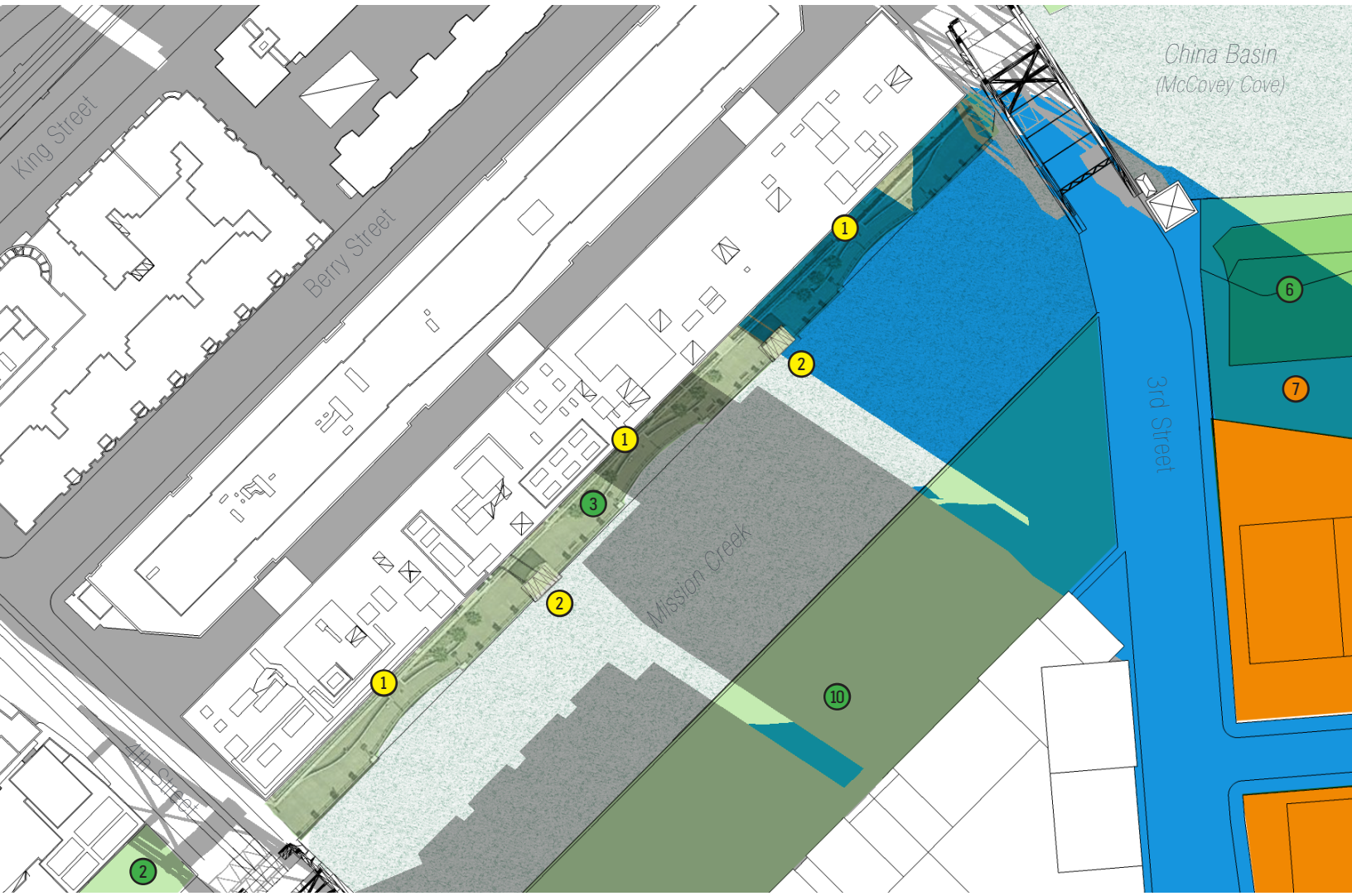
**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.4 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

8:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

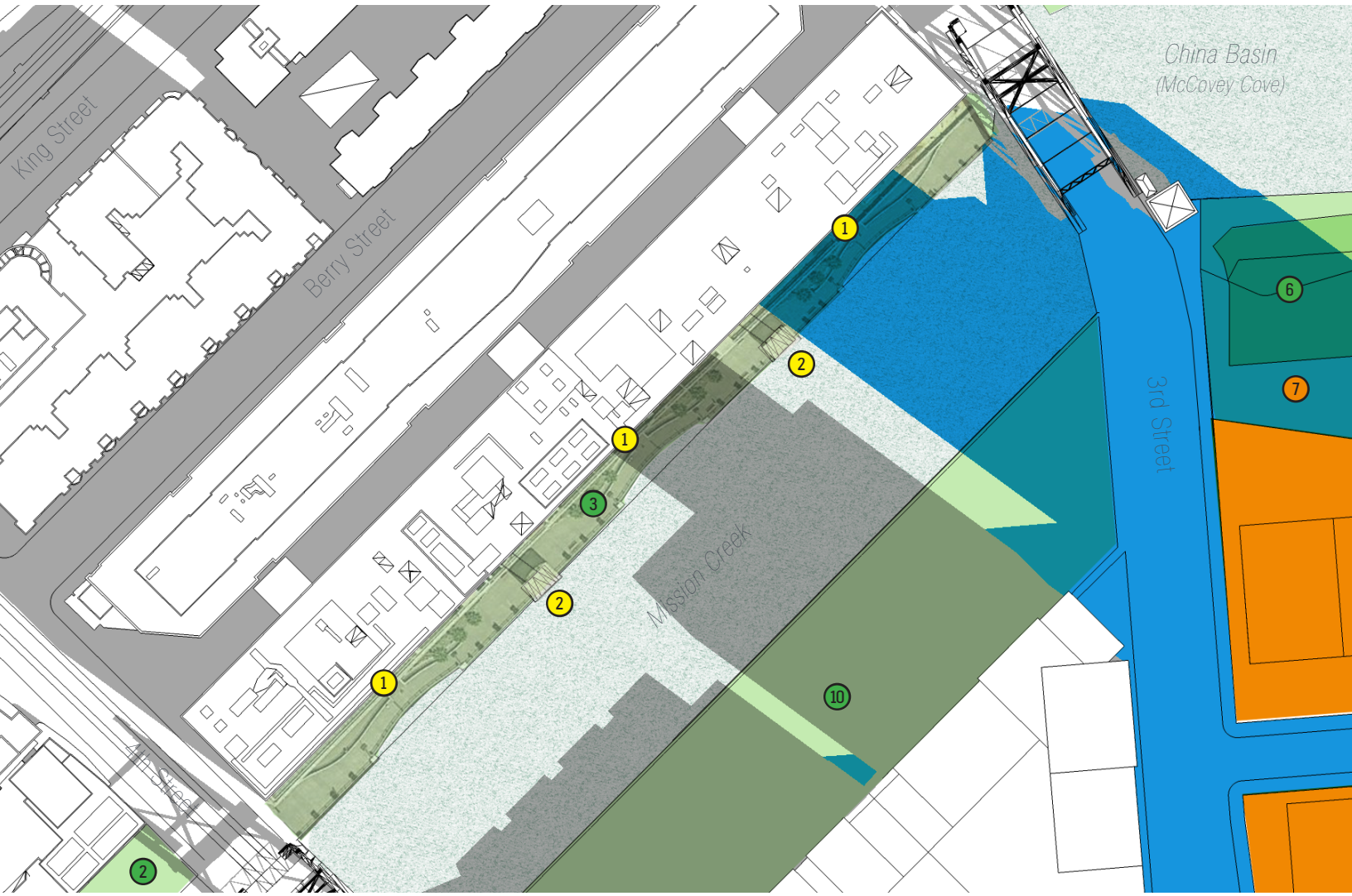
**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.5 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

8:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

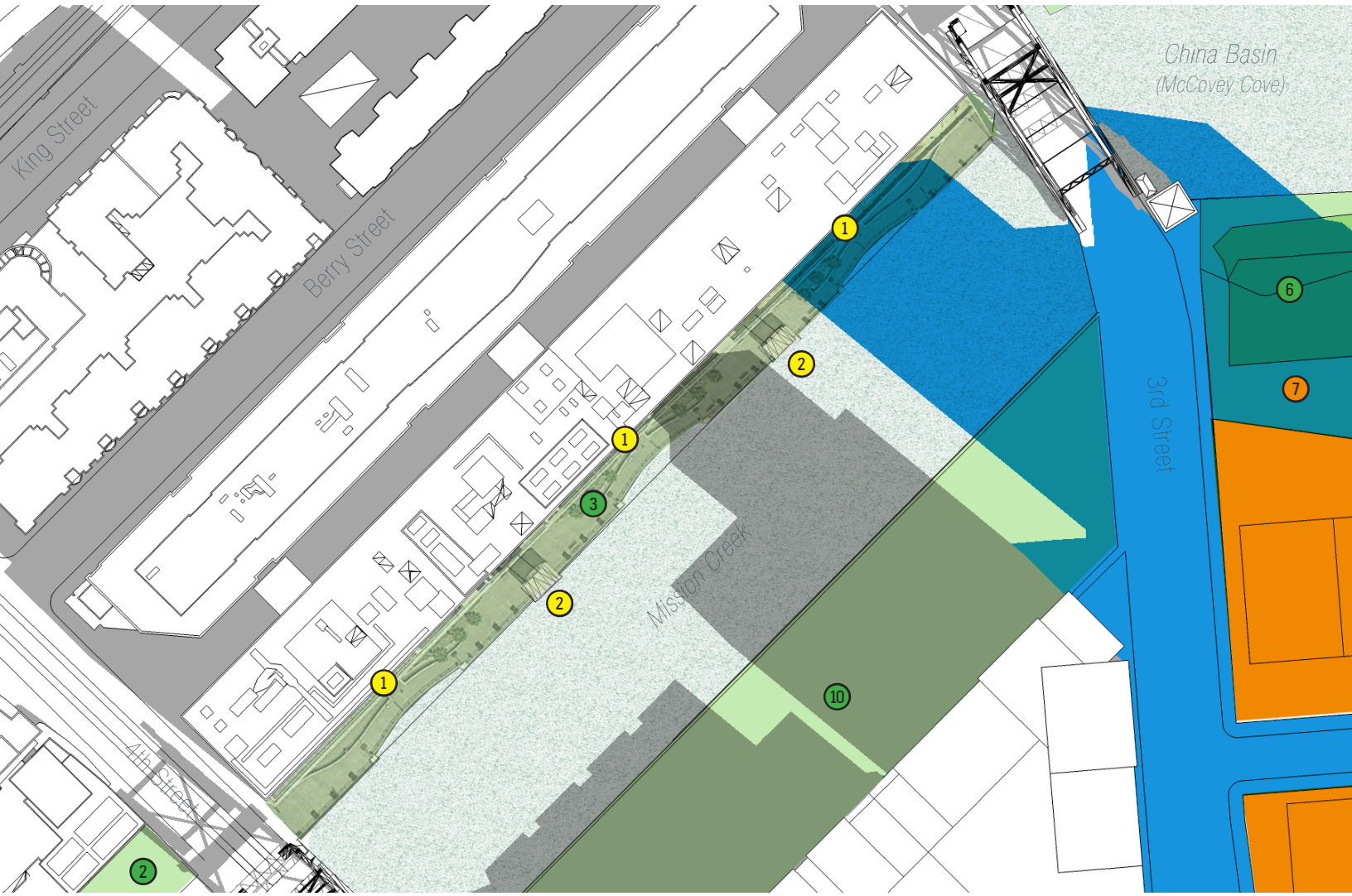
**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.6 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

8:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.7 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

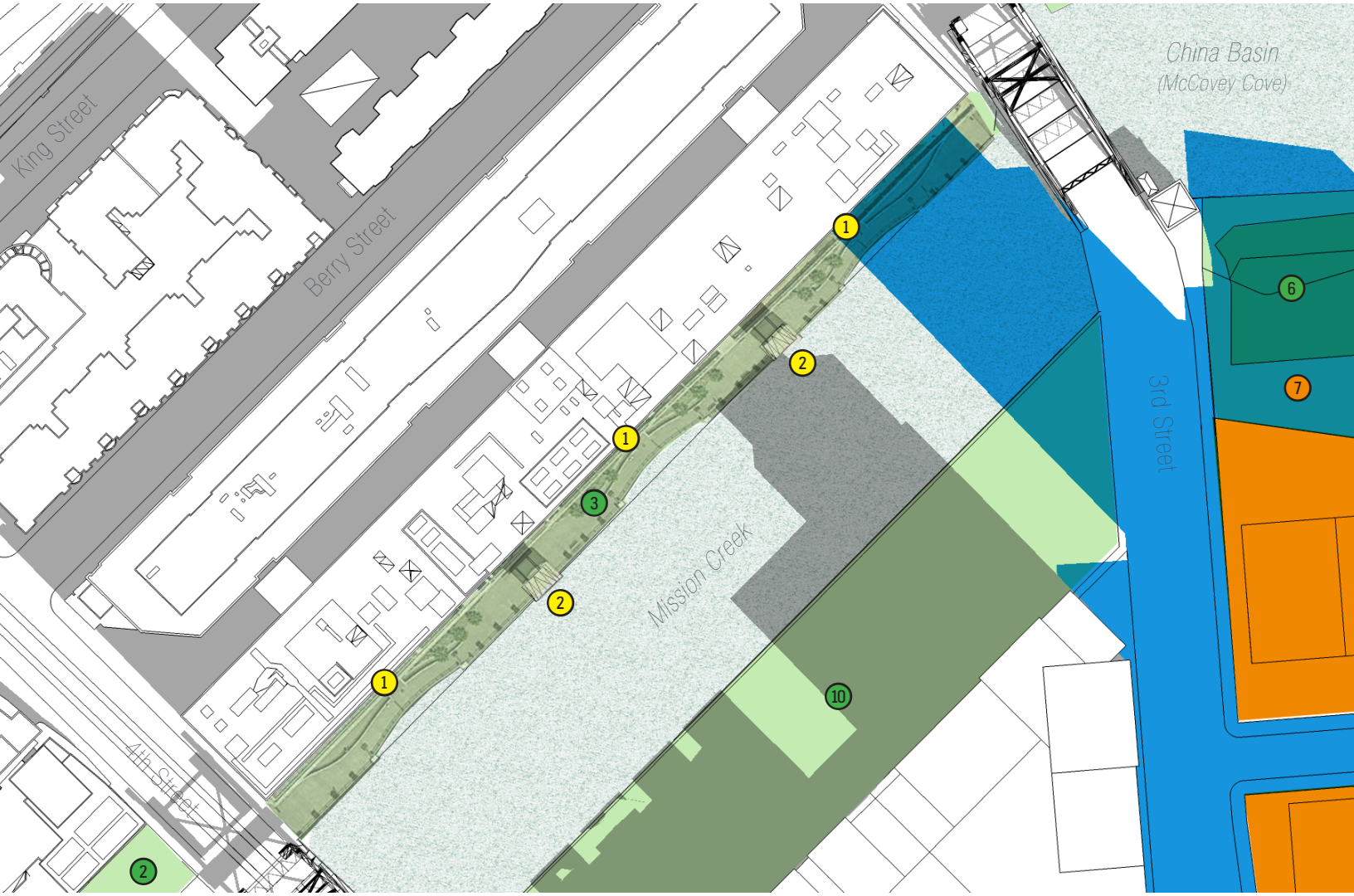
**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.8 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

9:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.9 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

9:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.10 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

9:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.11 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.12 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.13 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

D1.14 CHINA BASIN BUILDING PROMENADE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
OCTOBER 25

4:18 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 2 Mission Creek Park Esplanade (NP1)
- 3 China Basin Building Promenade
- 6 Existing China Basin Park
- 7 Proposed China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

China Basin Building Promenade Key:

- 1 Building Entries
- 2 Covered Benches

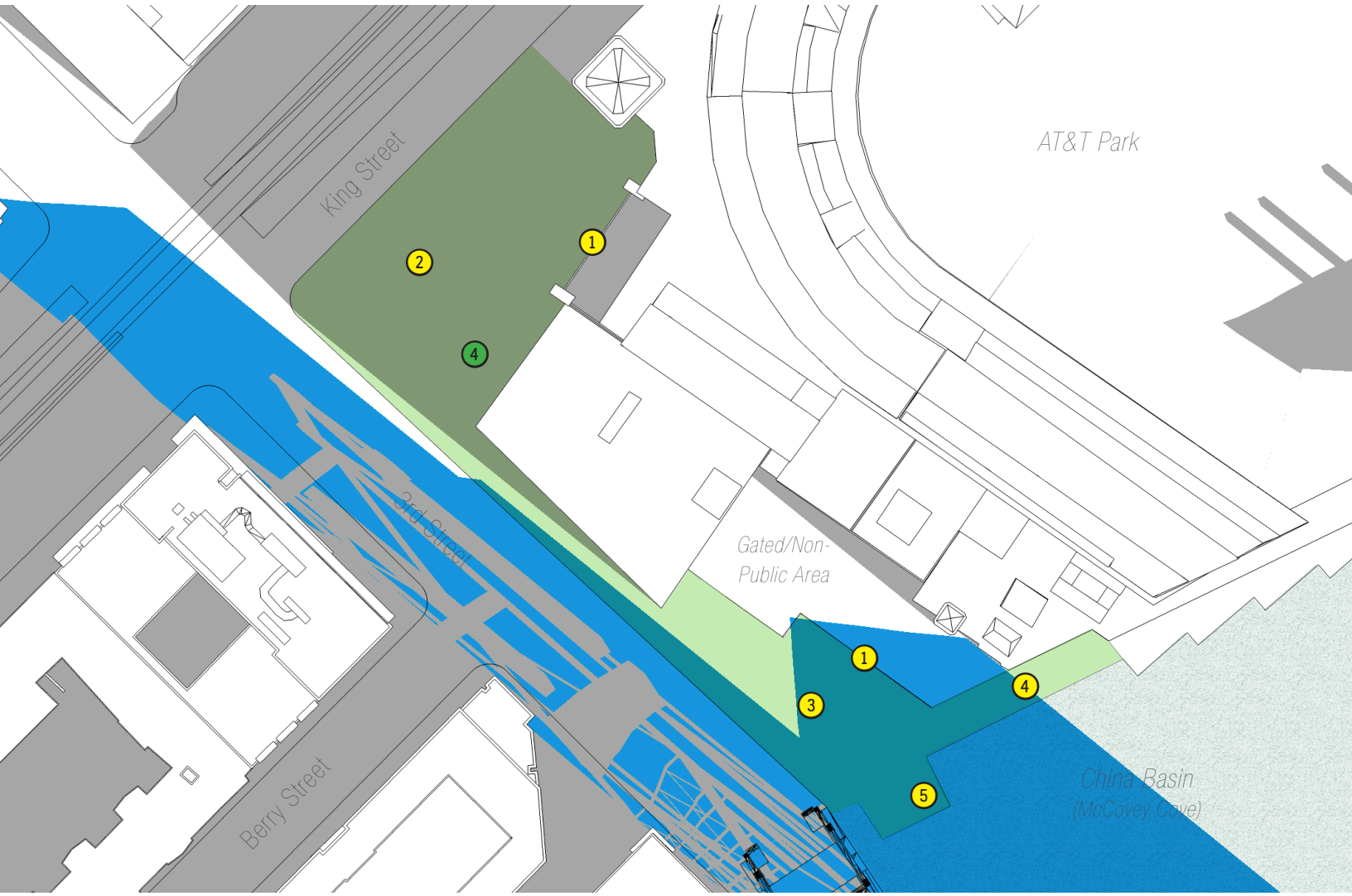
EXHIBIT E: SHADOW DIAGRAMS ON AT&T PLAZA

E1: Shadow Diagrams on Day of Maximum Shading

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset + at 15 minute intervals when new shading is present in the open space..

E1.1 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

8:19 AM

LEGEND

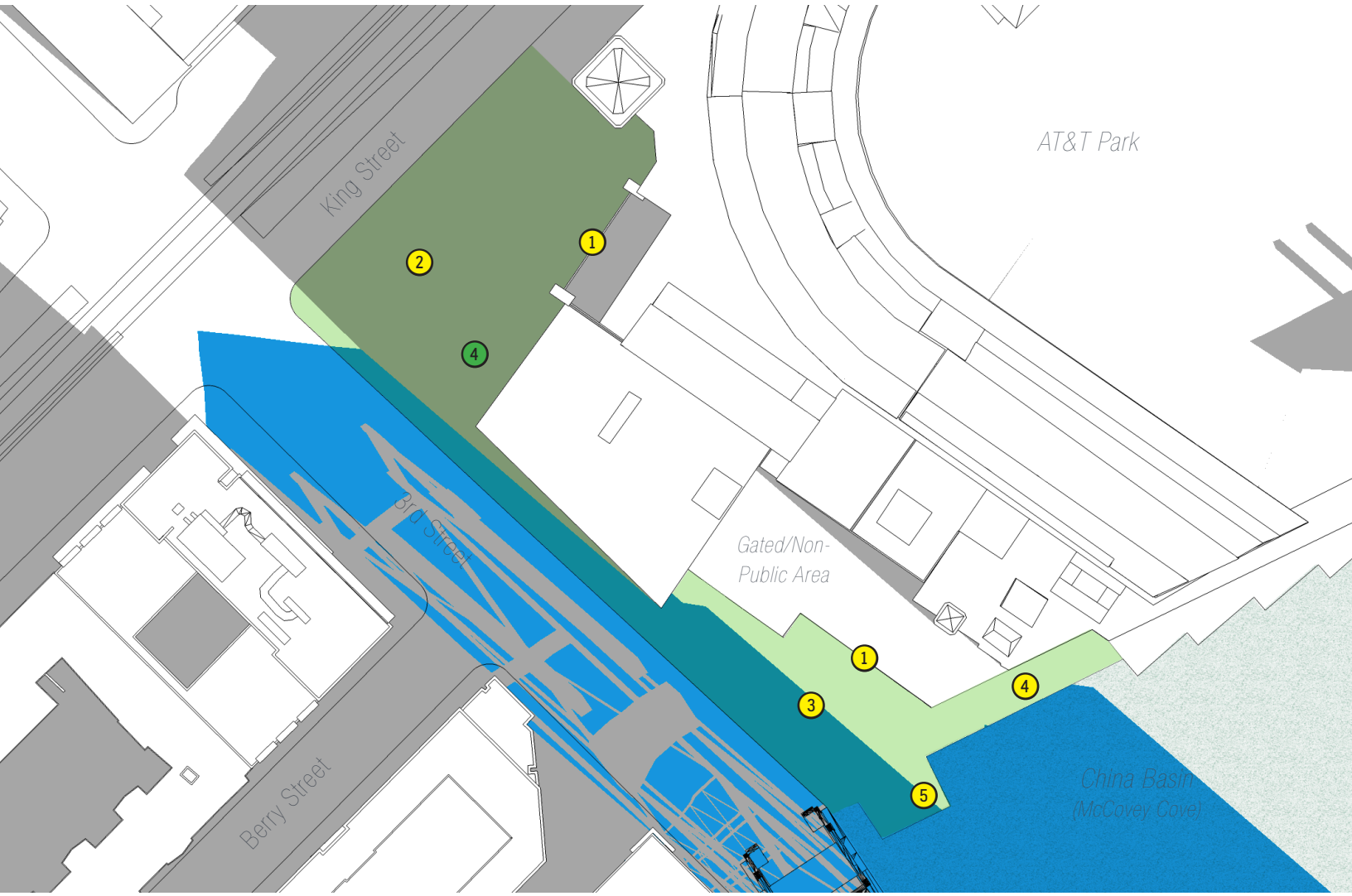
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- (4) AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.2 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

8:30 AM

LEGEND

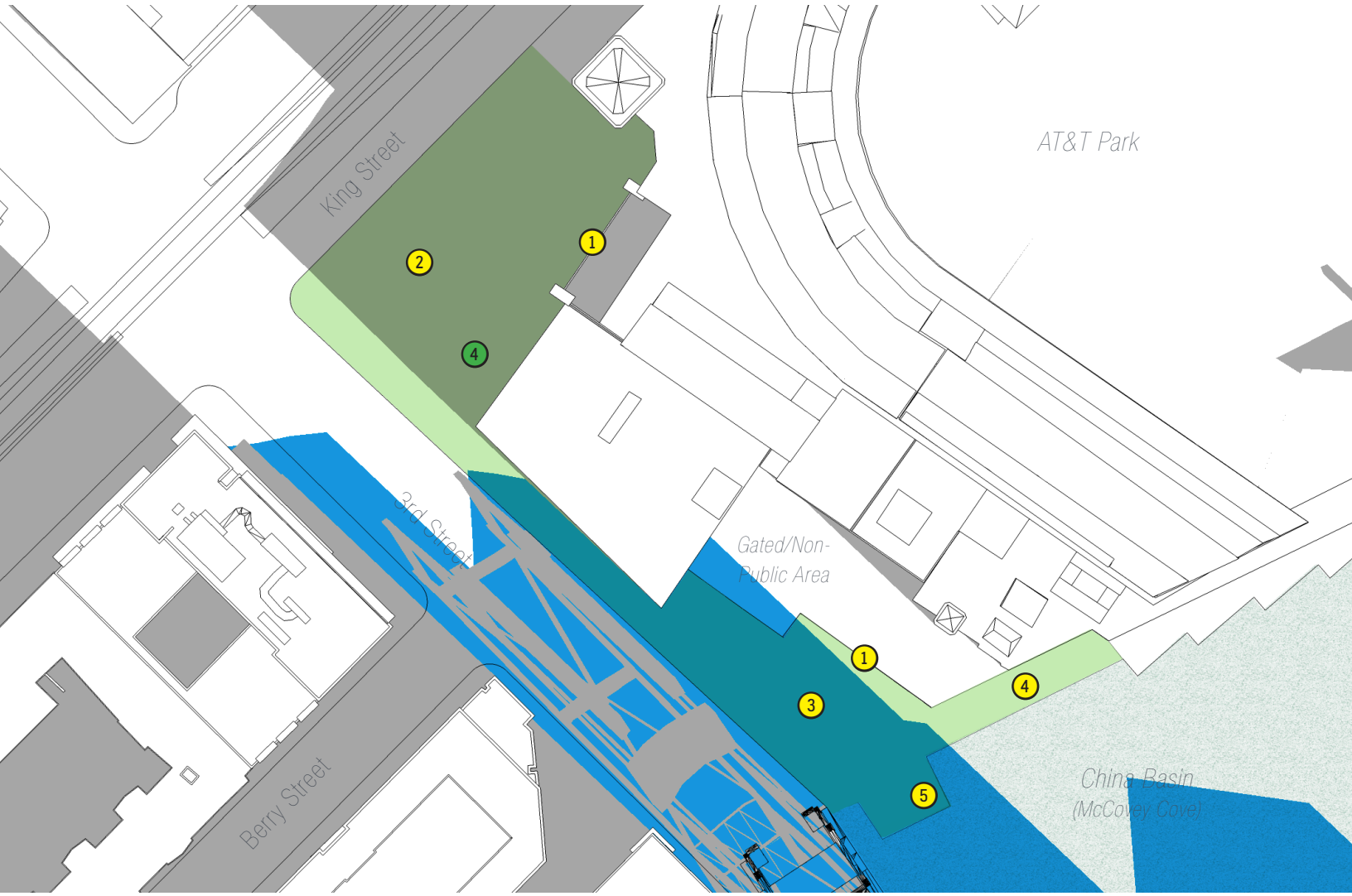
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- (4) AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.3 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

8:45 AM

LEGEND

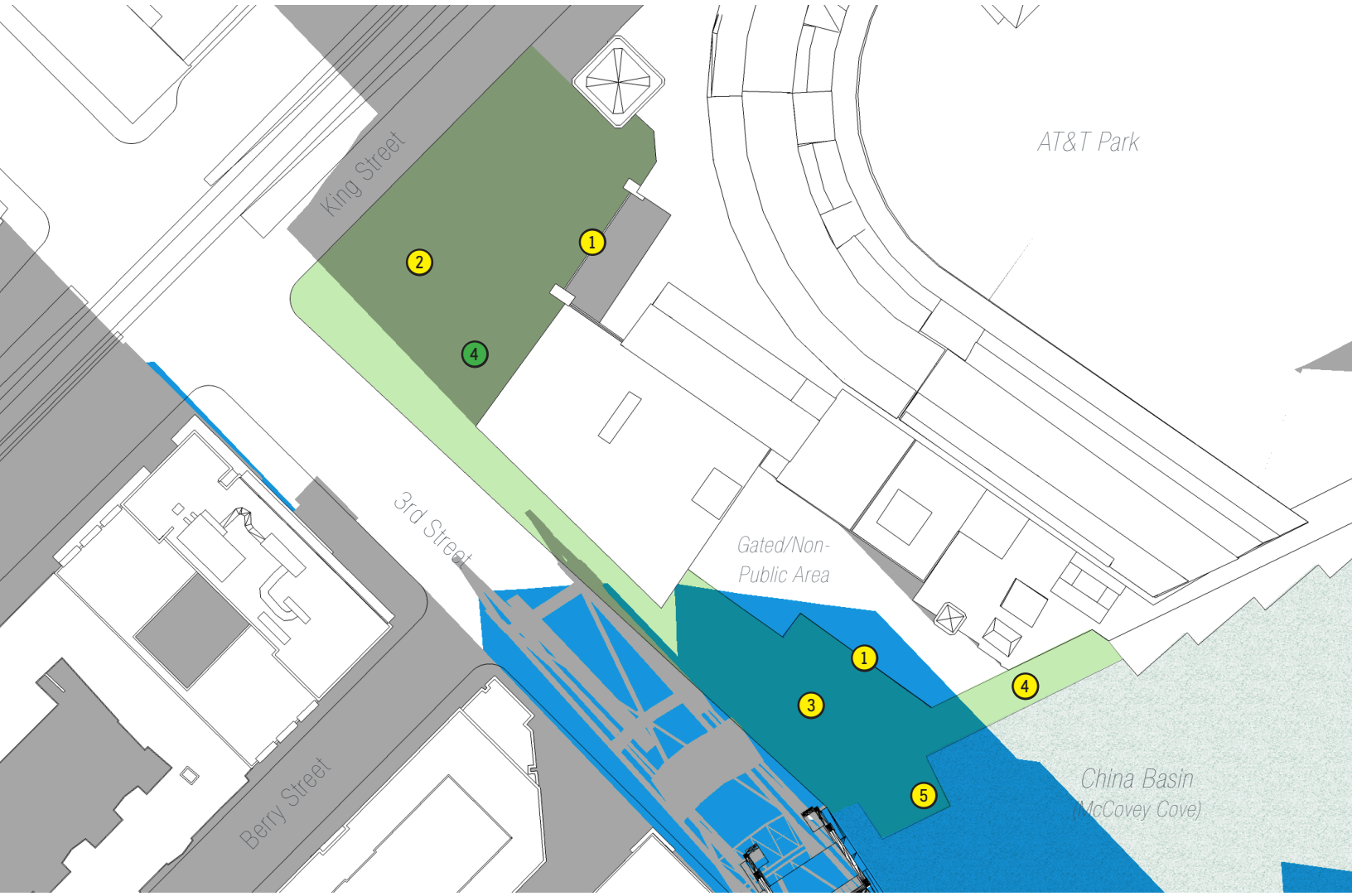
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- (4) AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.4 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

9:00 AM

LEGEND

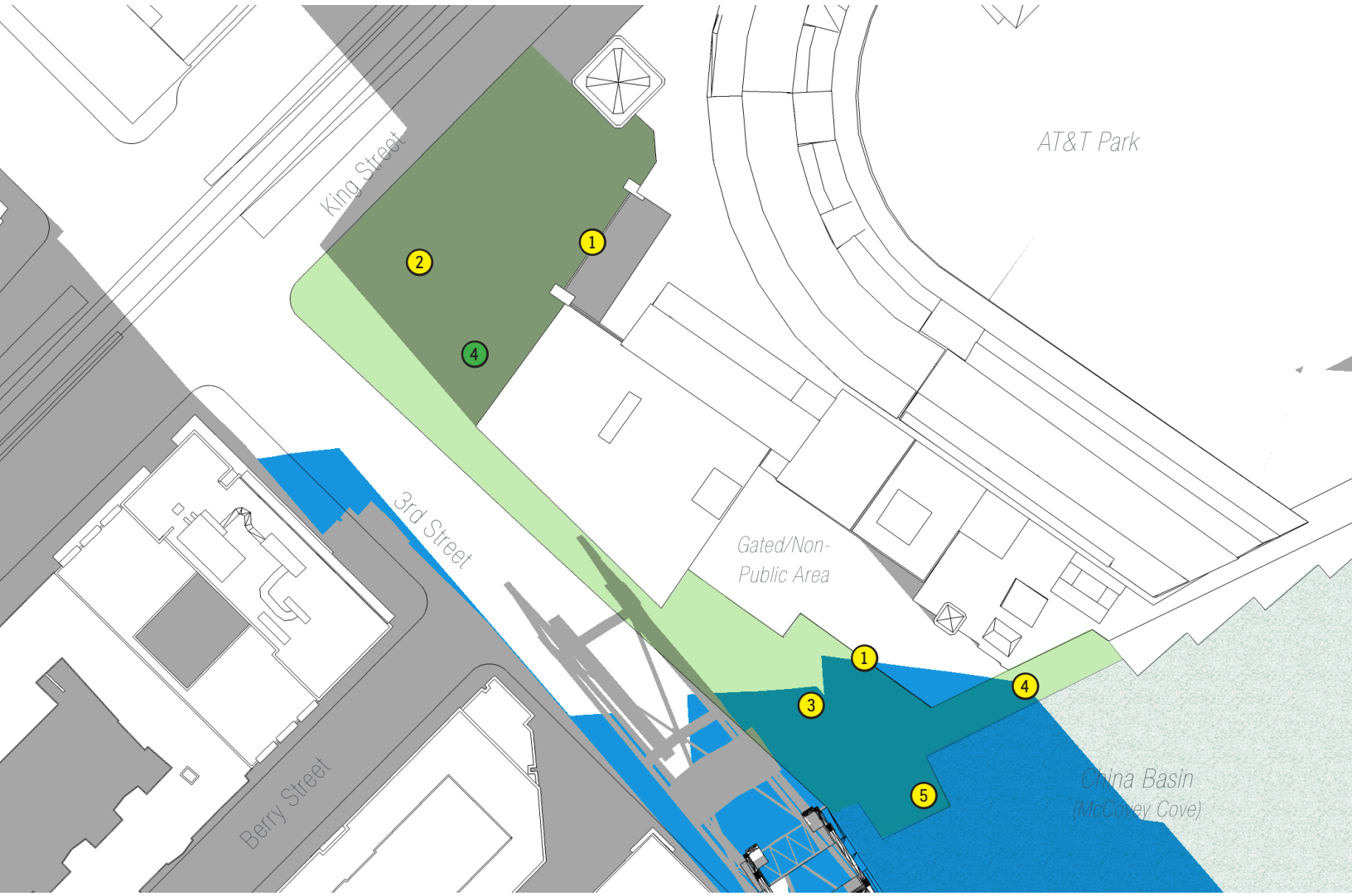
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- (4) AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.5 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

9:15 AM

LEGEND

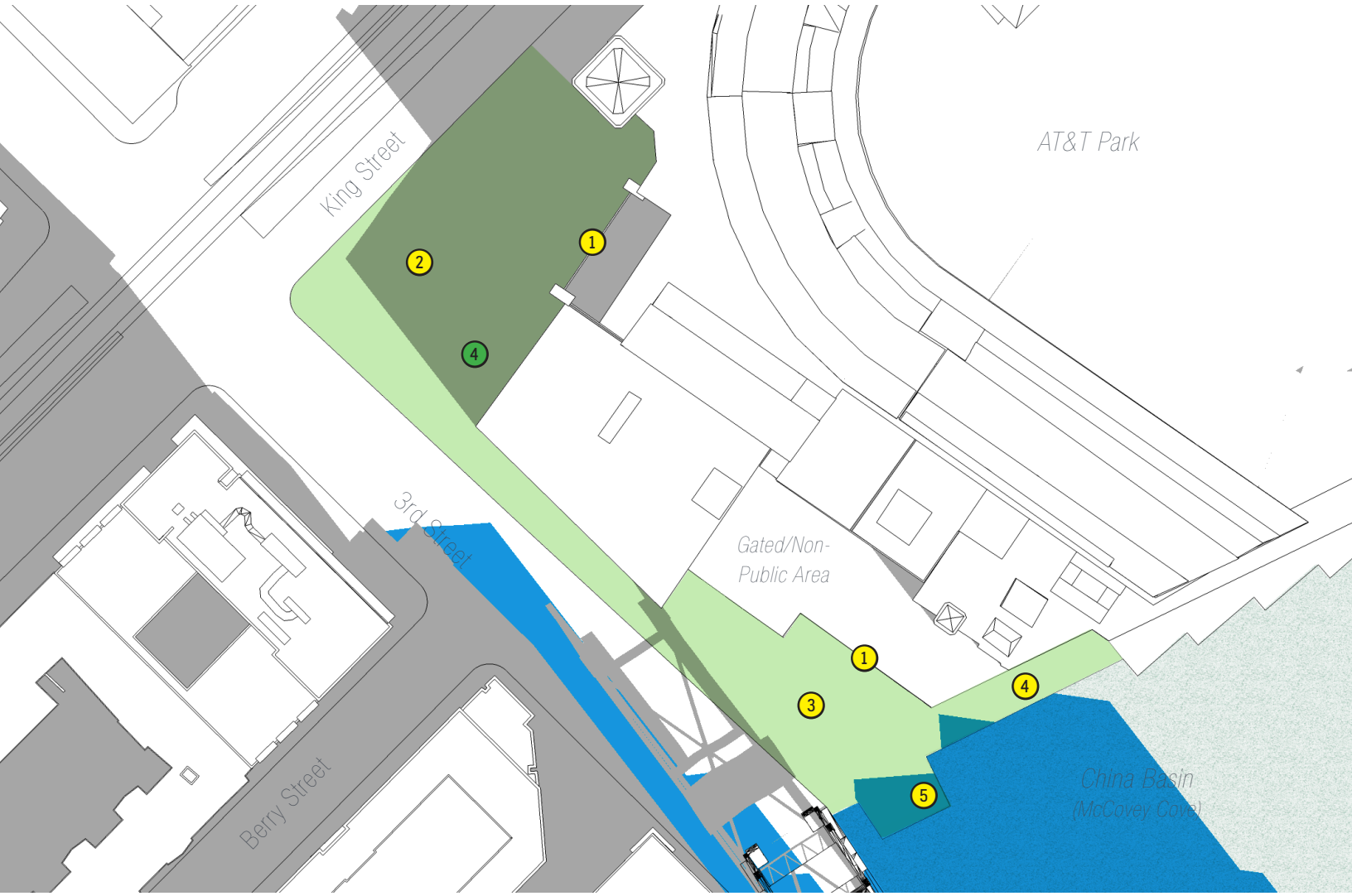
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- (4) AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.6 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

9:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- (4) AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.7 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

9:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- 4 AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.8 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- 4 AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.9 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

10:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- (4) AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.10 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

10:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- (4) AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.11 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

10:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
  - (4) AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.12 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

11:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- (4) AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.13 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

11:15 AM

LEGEND

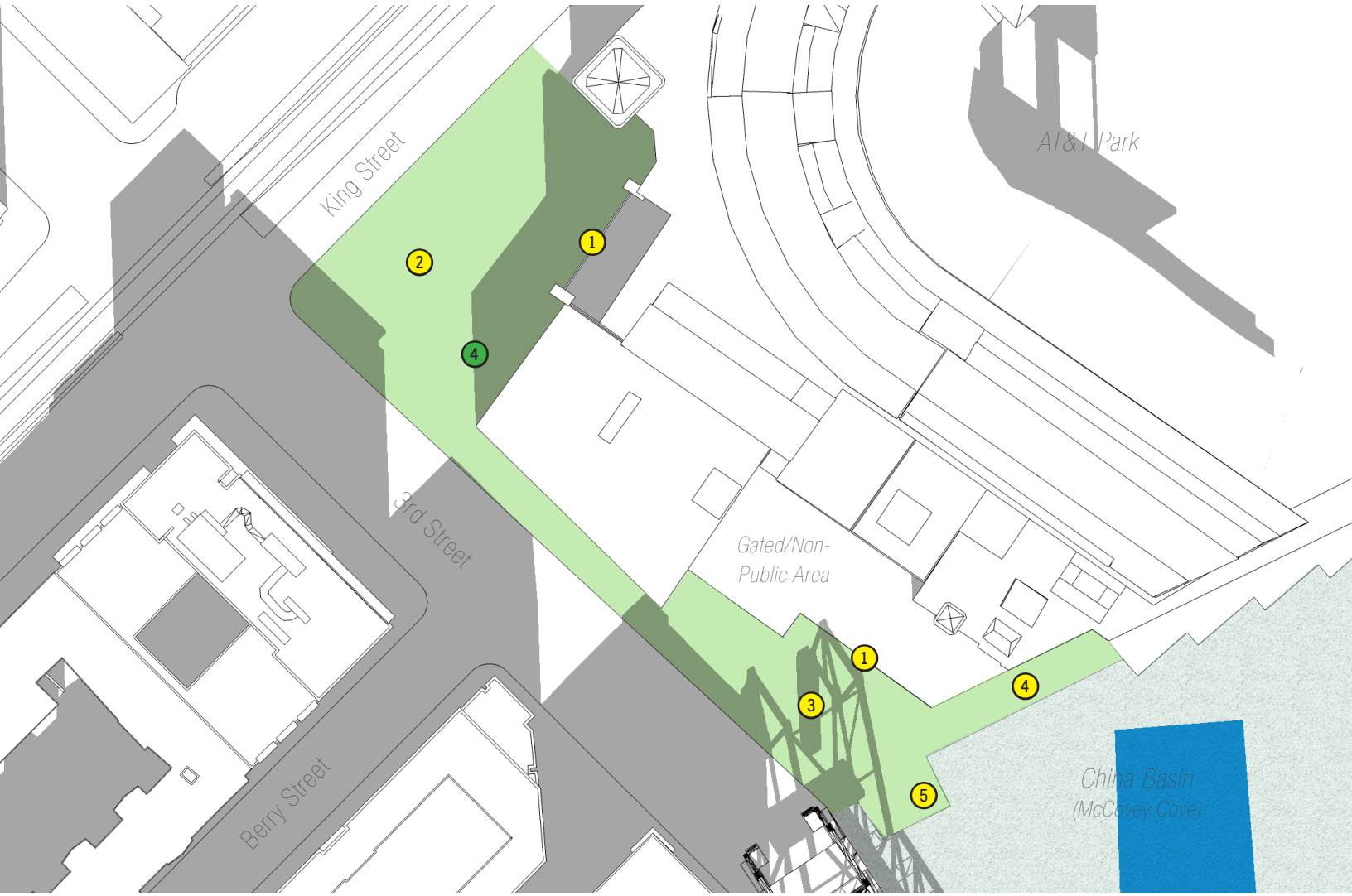
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
  - 4 AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.14 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- 4 AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.15 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
- 4 AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

E1.16 AT&T PLAZA SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

3:54 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
  - 4 AT&T Park Plaza

AT&T Plaza Key:

1. Stadium Entries
2. Willie Mays Plaza
3. Lefty O'Doul Plaza
4. Waterfront Promenade
5. Benches

EXHIBIT F: SHADOW DIAGRAMS ON CHILDREN'S PARK P6 (MISSION BAY PARKS)

F1: Shadow Diagrams on Day of Maximum Shading

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset + at 15 minute intervals when new shading is present in the open space..

F1.1 KIDS' PARK (P6) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

6:46 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- 1 Mission Creek Park South (P1)
- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

Kids' Park (P6) Key:

- 1 Park Entries
- 2 Play Areas
- 3 Grassy Areas
- 4 Picnic Area

F1.2 KIDS' PARK (P6) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

7:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- 1 Mission Creek Park South (P1)
- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

Kids' Park (P6) Key:

- 1 Park Entries
- 2 Play Areas
- 3 Grassy Areas
- 4 Picnic Area

F1.3 KIDS' PARK (P6) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

7:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 1 Mission Creek Park South (P1)
- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

Kids' Park (P6) Key:
- 1 Park Entries
- 2 Play Areas
- 3 Grassy Areas
- 4 Picnic Area

F1.5 KIDS' PARK (P6) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- 1 Mission Creek Park South (P1)
- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

Kids' Park (P6) Key:

- 1 Park Entries
- 2 Play Areas
- 3 Grassy Areas
- 4 Picnic Area

F1.6 KIDS' PARK (P6) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- 1 Mission Creek Park South (P1)
- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

Kids' Park (P6) Key:

- 1 Park Entries
- 2 Play Areas
- 3 Grassy Areas
- 4 Picnic Area

F1.7 KIDS' PARK (P6) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- 1 Mission Creek Park South (P1)
- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

Kids' Park (P6) Key:

- 1 Park Entries
- 2 Play Areas
- 3 Grassy Areas
- 4 Picnic Area

F1.8 KIDS' PARK (P6) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- 1 Mission Creek Park South (P1)
- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

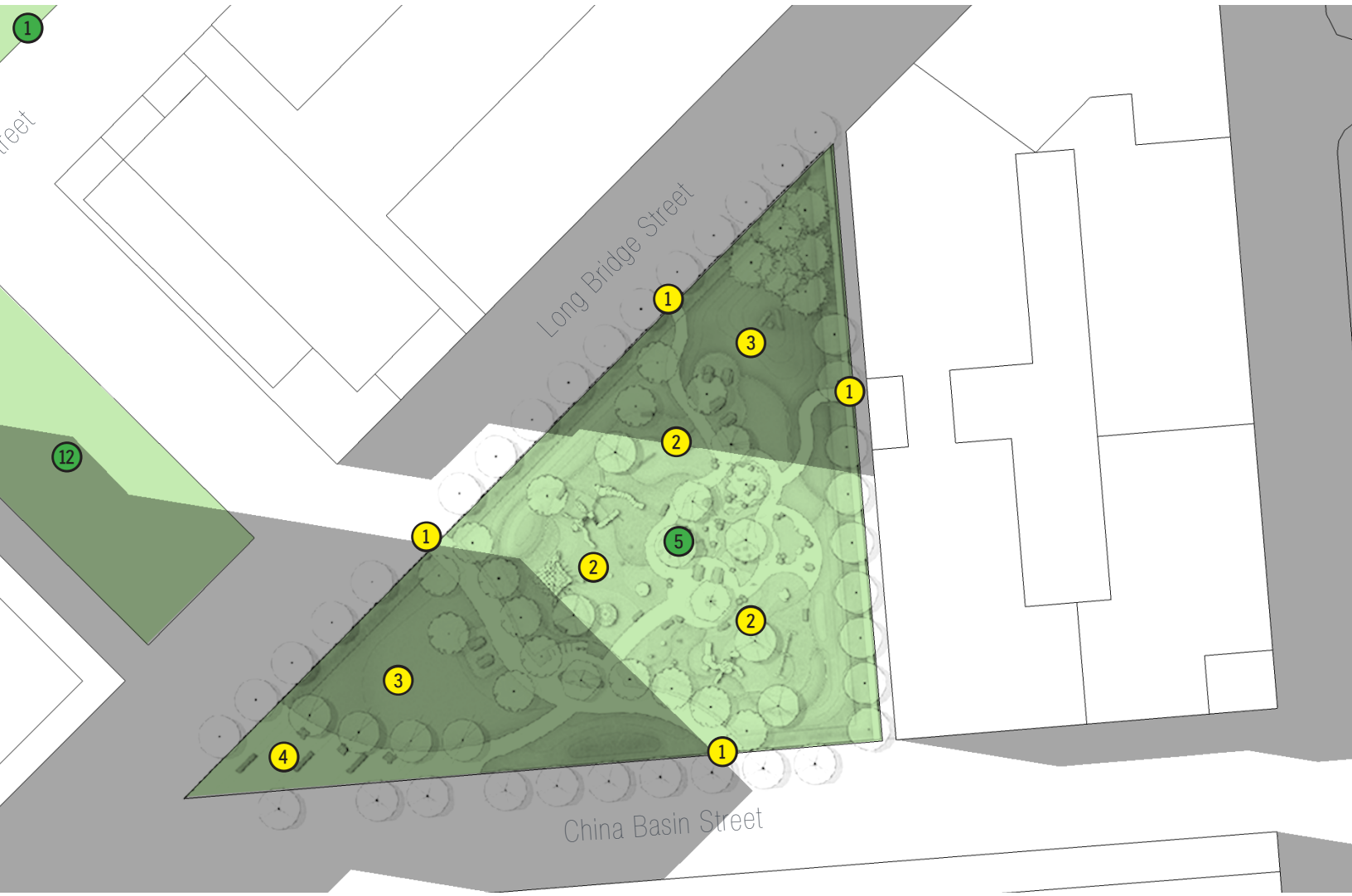
**under construction / proposed*

Kids' Park (P6) Key:

1. Park Entries
2. Play Areas
3. Grassy Areas
4. Picnic Area

F1.9 KIDS' PARK (P6) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

6:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- 1 Mission Creek Park South (P1)
- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

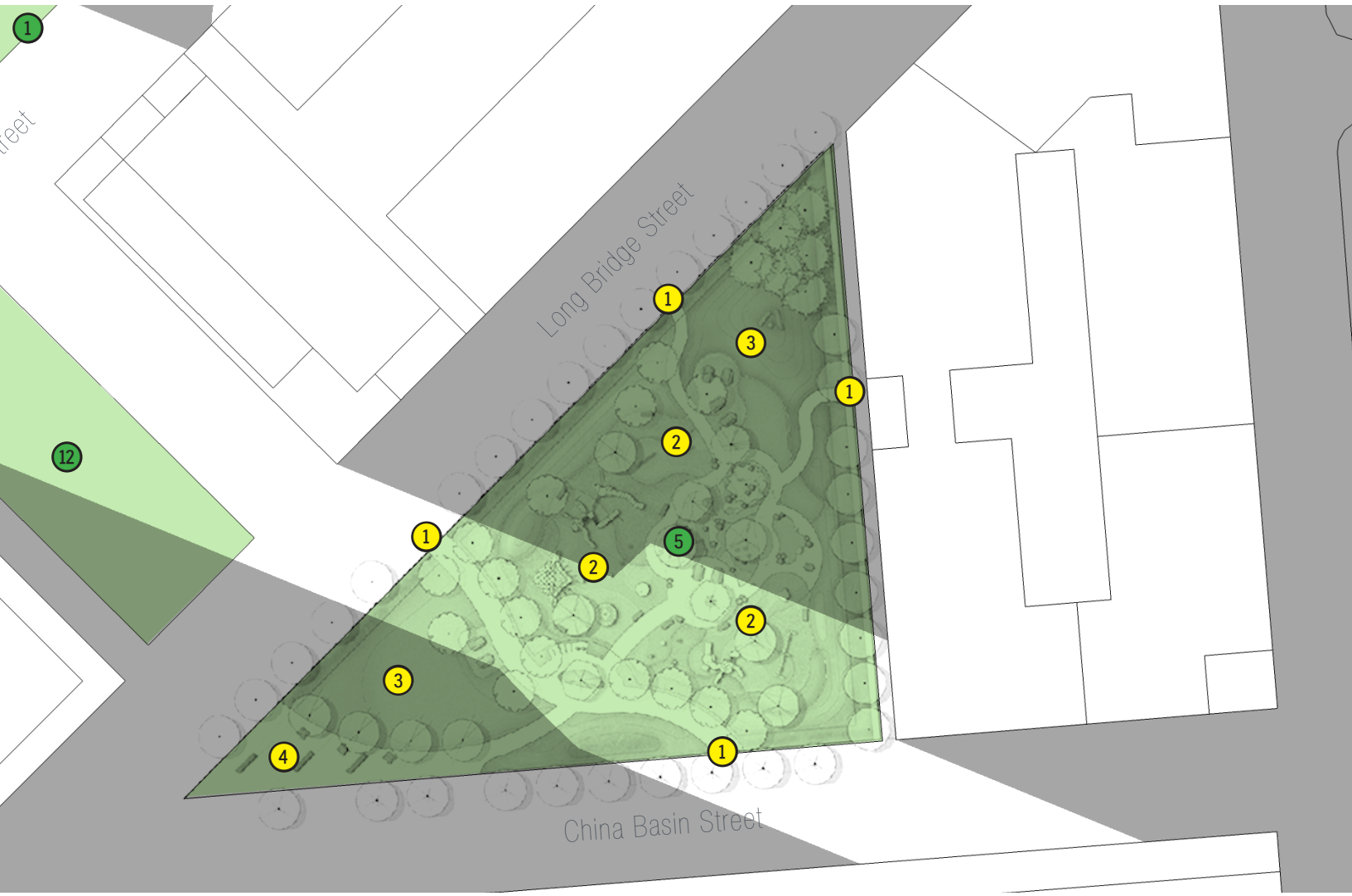
**under construction / proposed*

Kids' Park (P6) Key:

- 1 Park Entries
- 2 Play Areas
- 3 Grassy Areas
- 4 Picnic Area

F1.10 KIDS' PARK (P6) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

7:36 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- 1 Mission Creek Park South (P1)
- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

Kids' Park (P6) Key:

1. Park Entries
2. Play Areas
3. Grassy Areas
4. Picnic Area

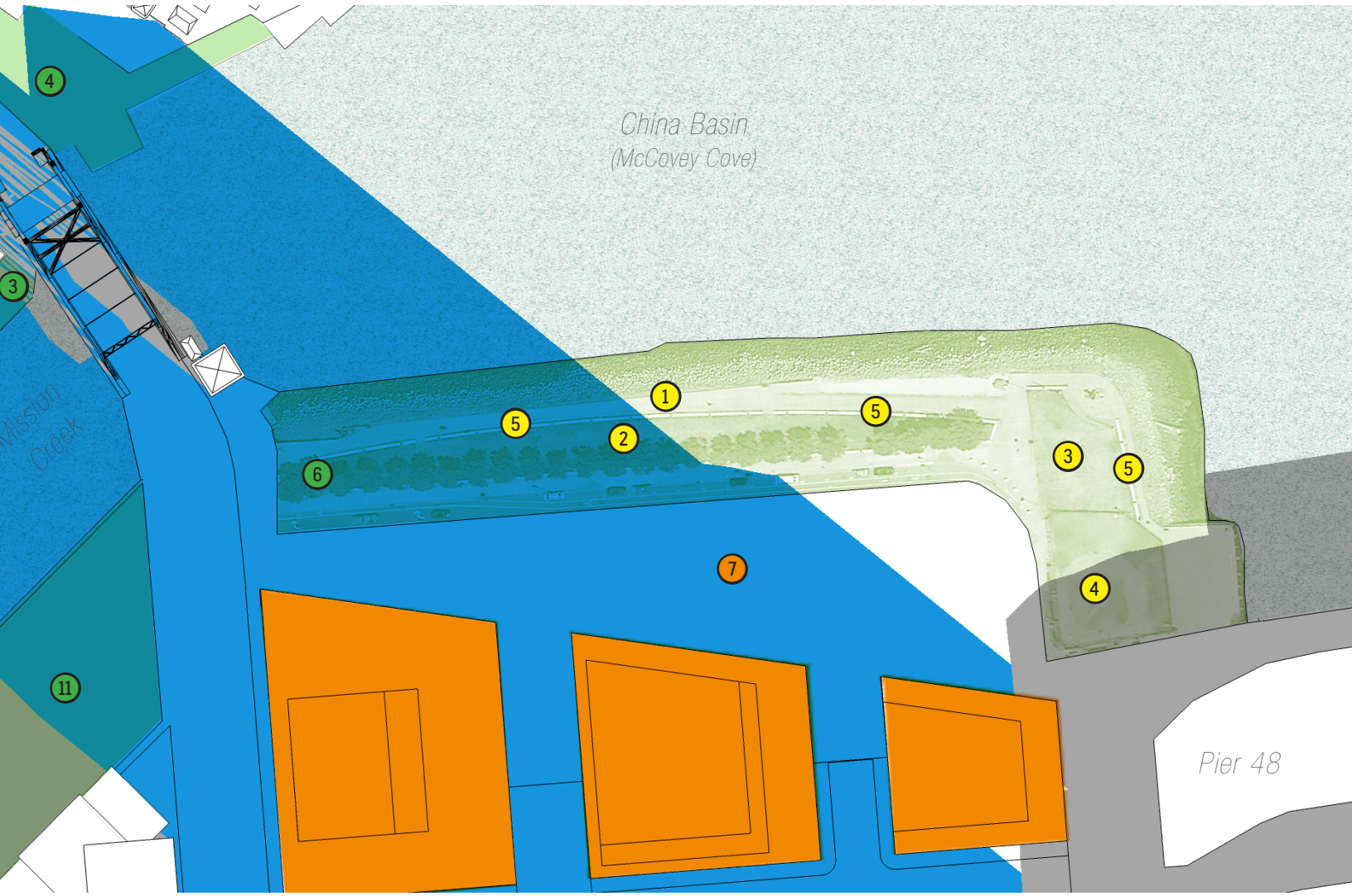
EXHIBIT G: SHADOW DIAGRAMS ON CHINA BASIN PARK (EXISTING)

G1: Shadow Diagrams on Day of Maximum Shading

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset + at 15 minute intervals when new shading is present in the open space..

G1.1 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

8:19 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

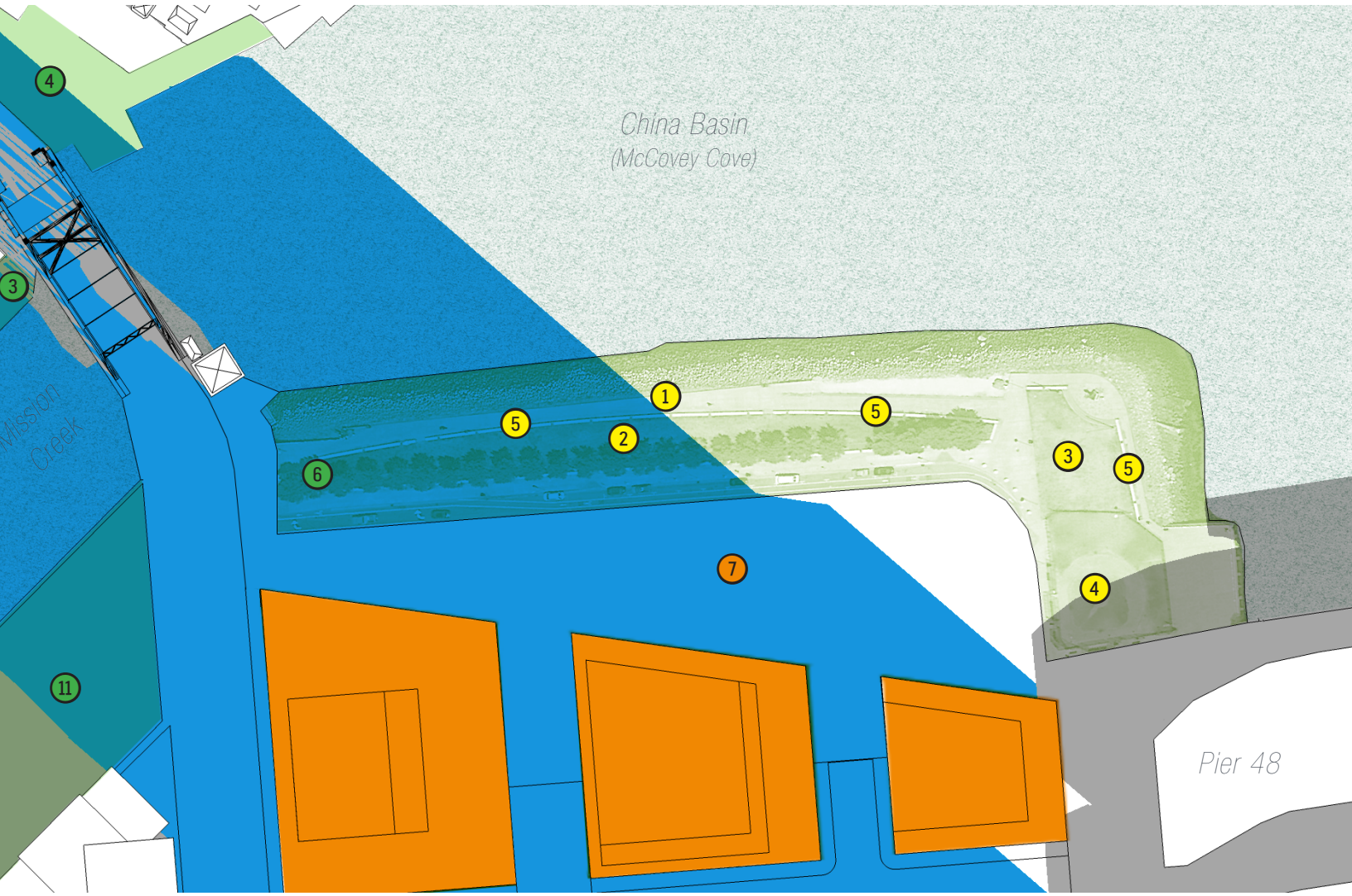
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.2 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

8:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

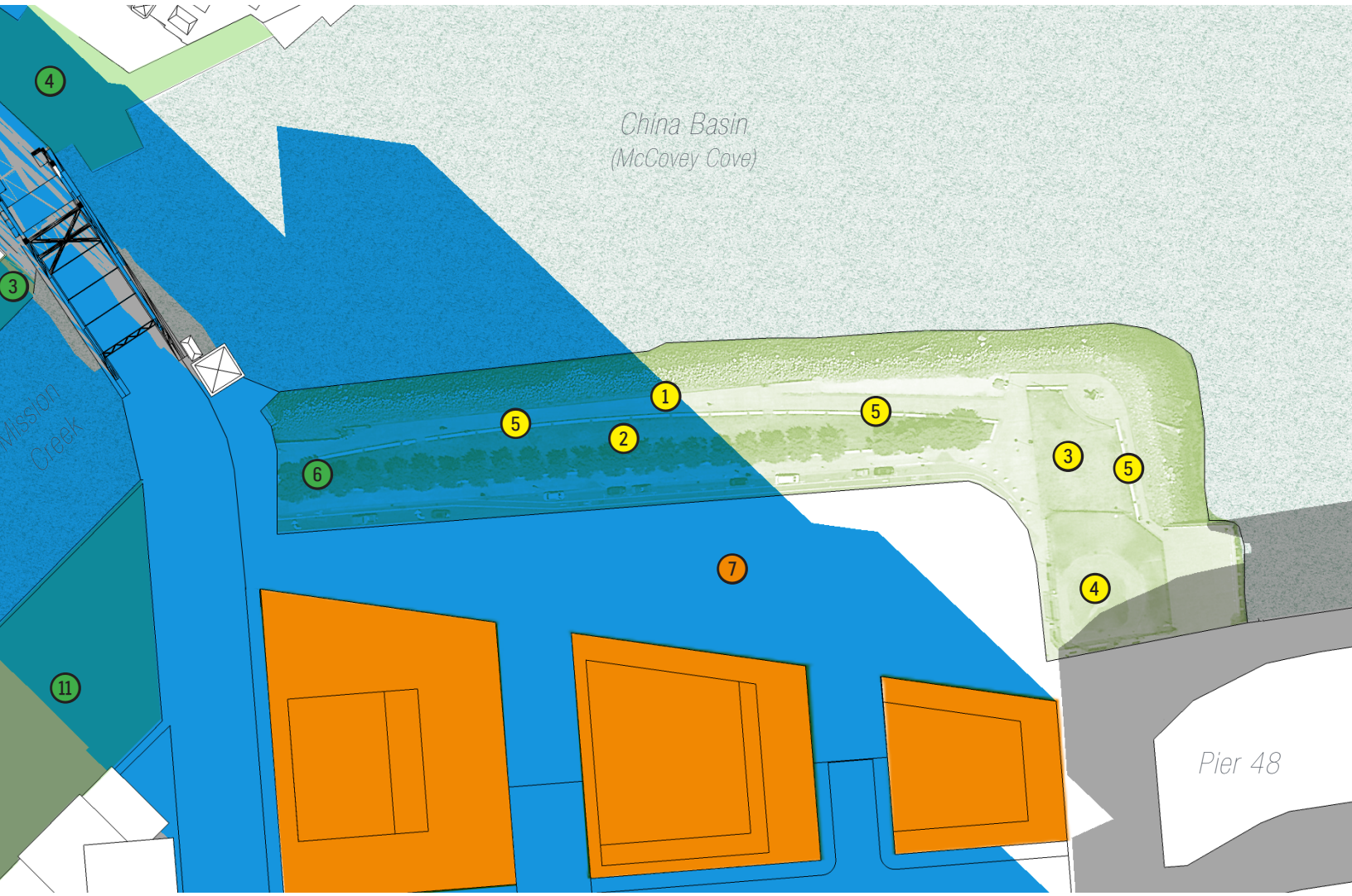
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.3 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

8:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

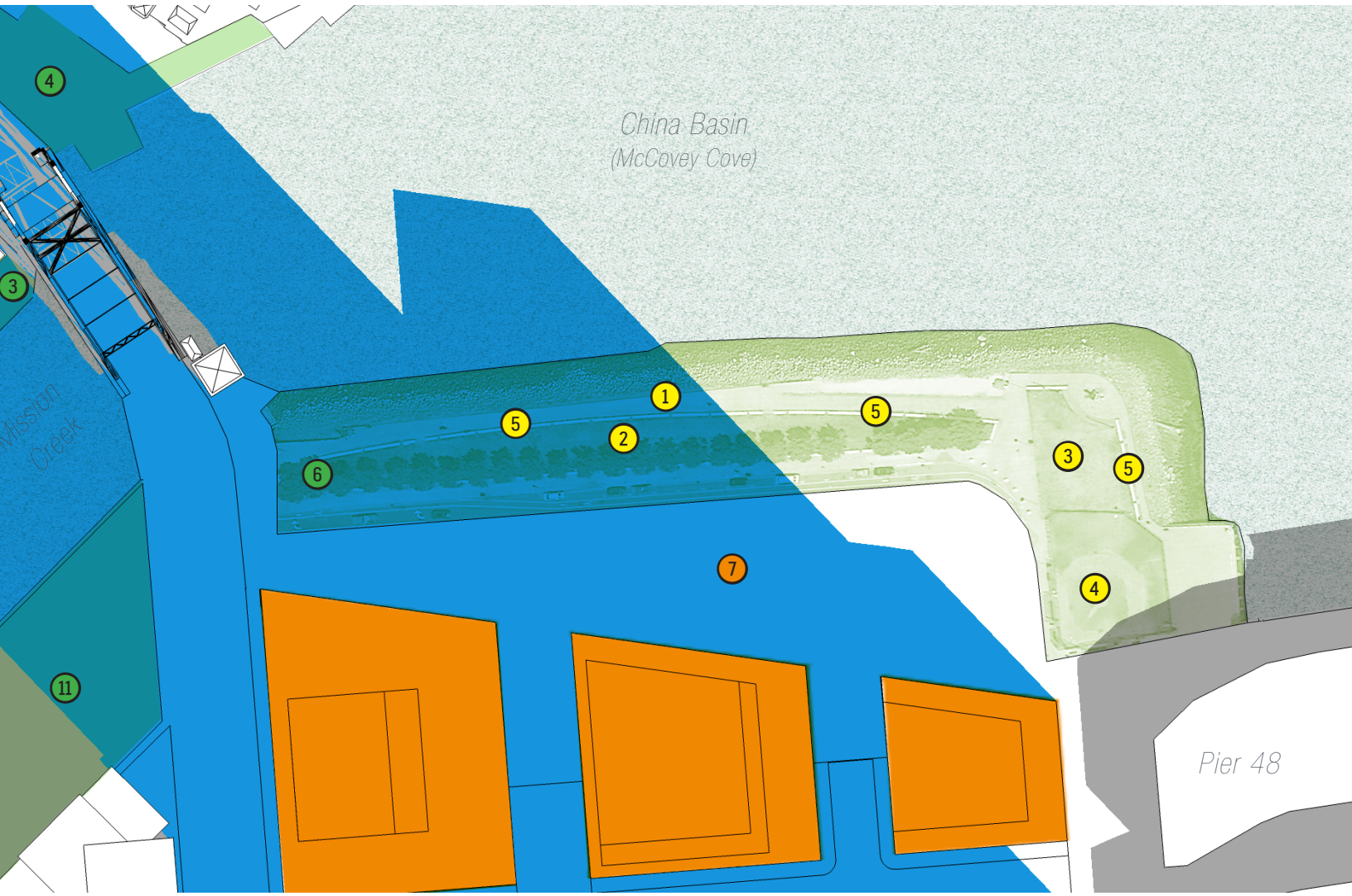
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.4 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.5 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

9:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.6 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

9:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

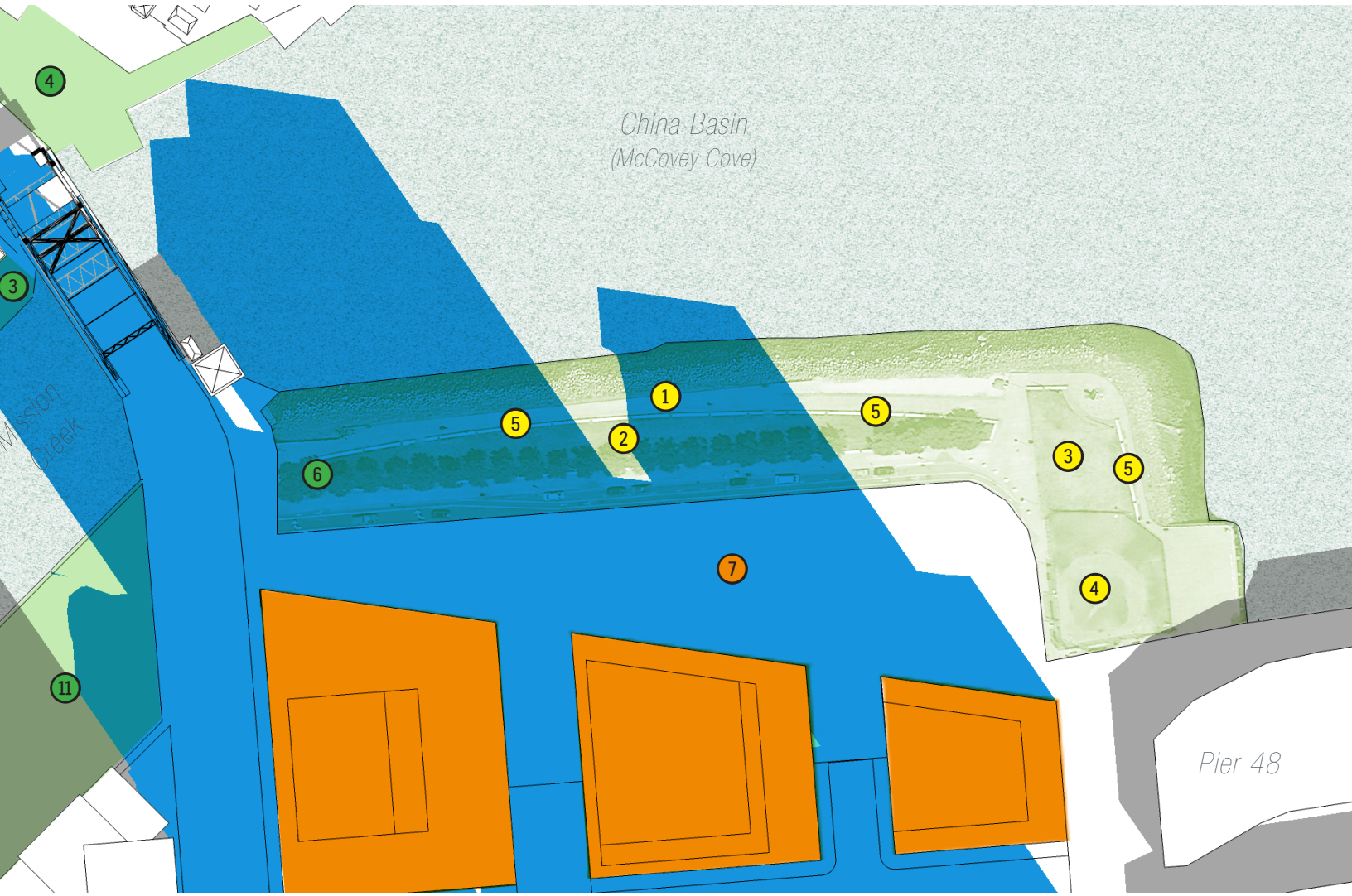
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.7 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

9:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.8 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

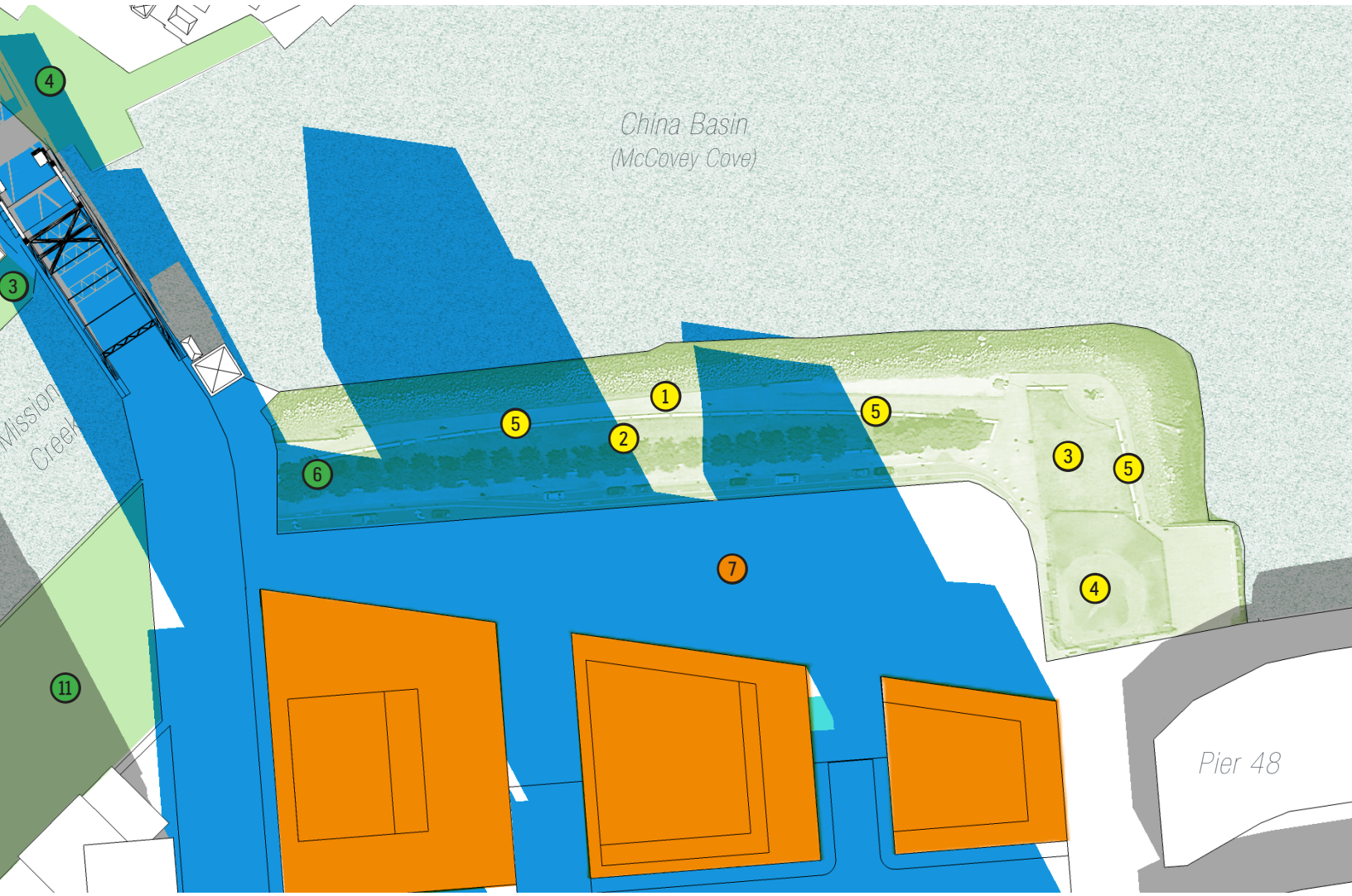
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.9 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

10:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.10 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

10:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.11 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

10:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.12 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

11:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

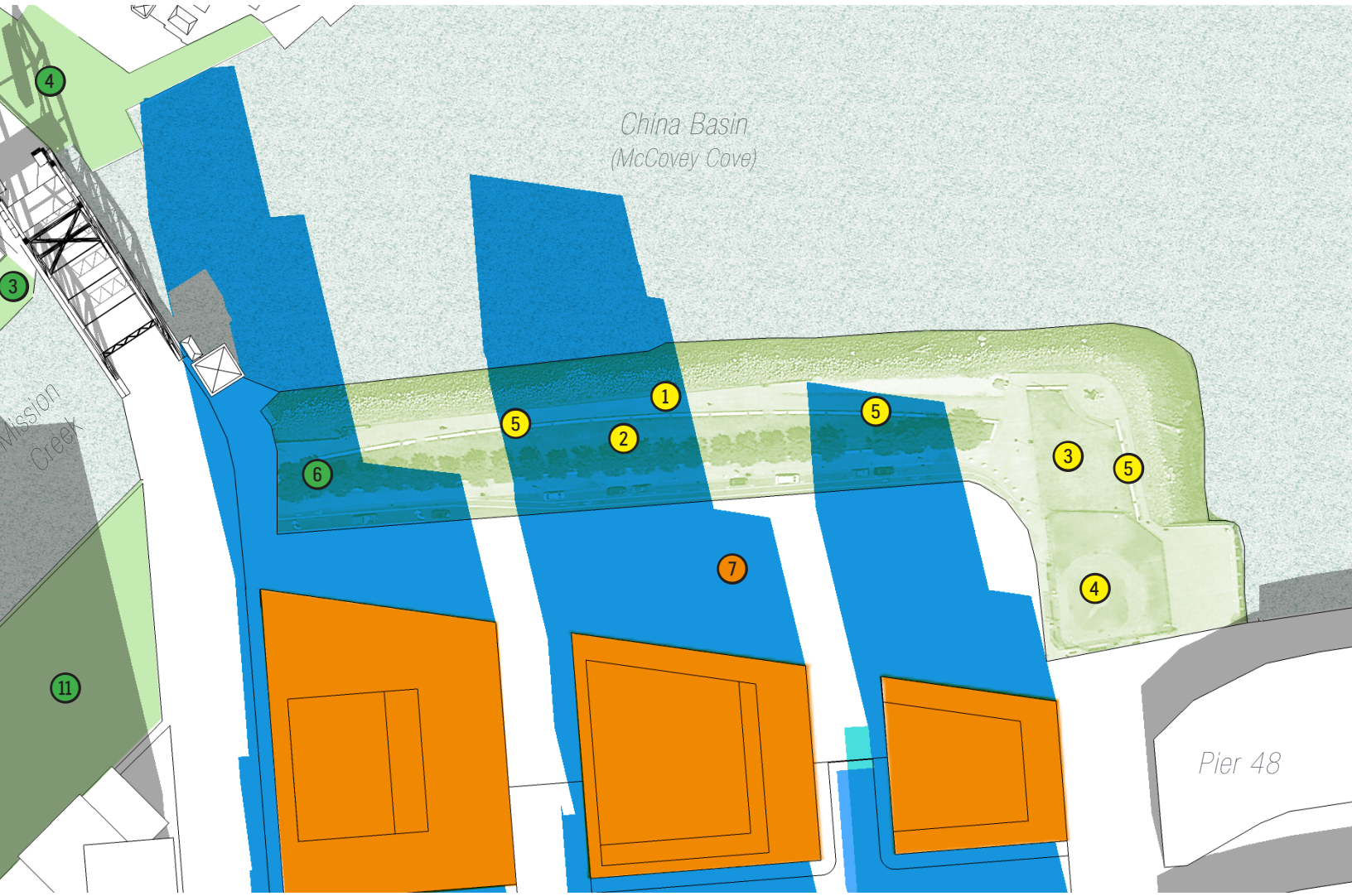
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.13 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

11:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

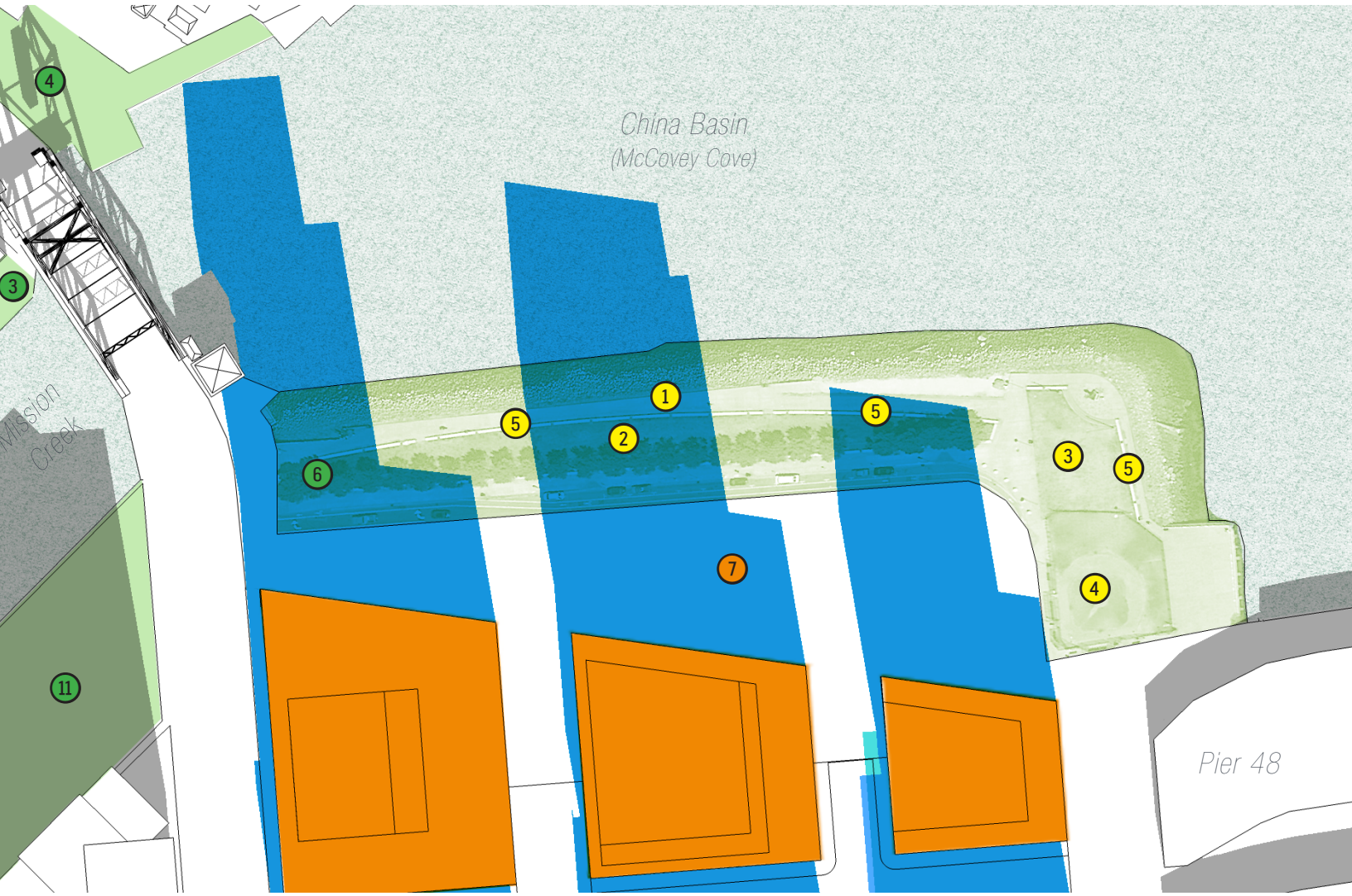
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.14 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

11:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

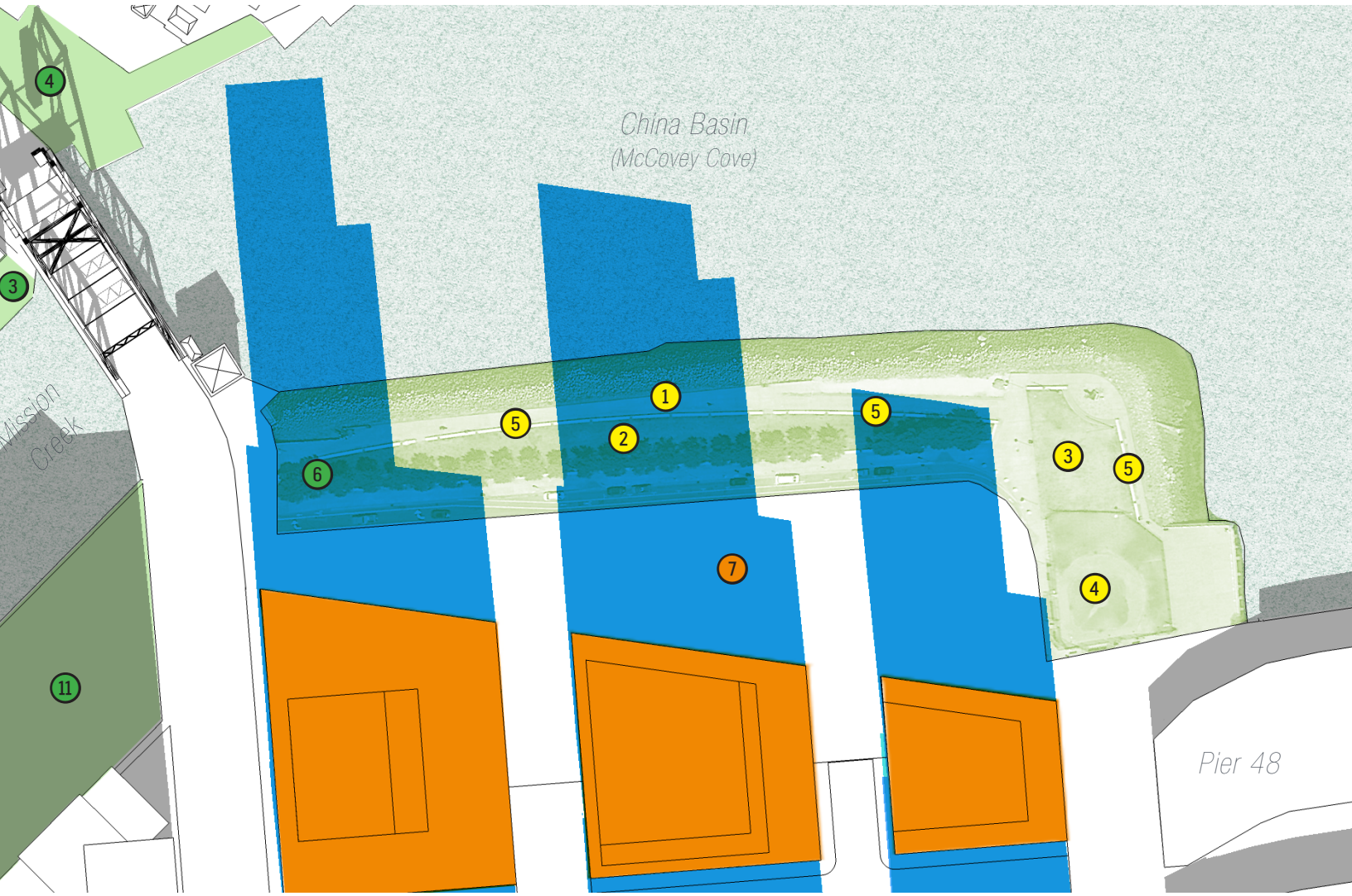
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.15 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

11:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

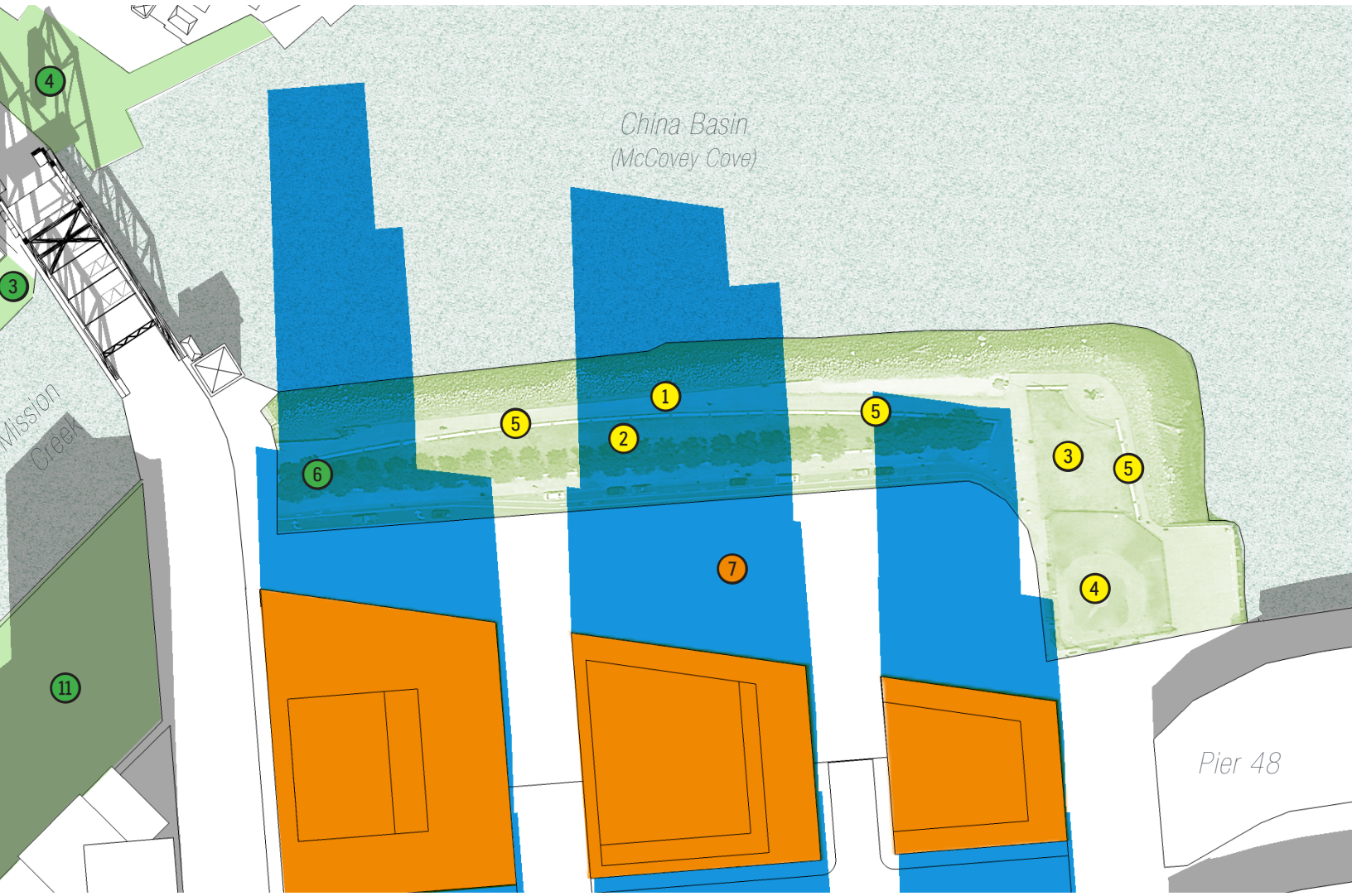
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.16 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

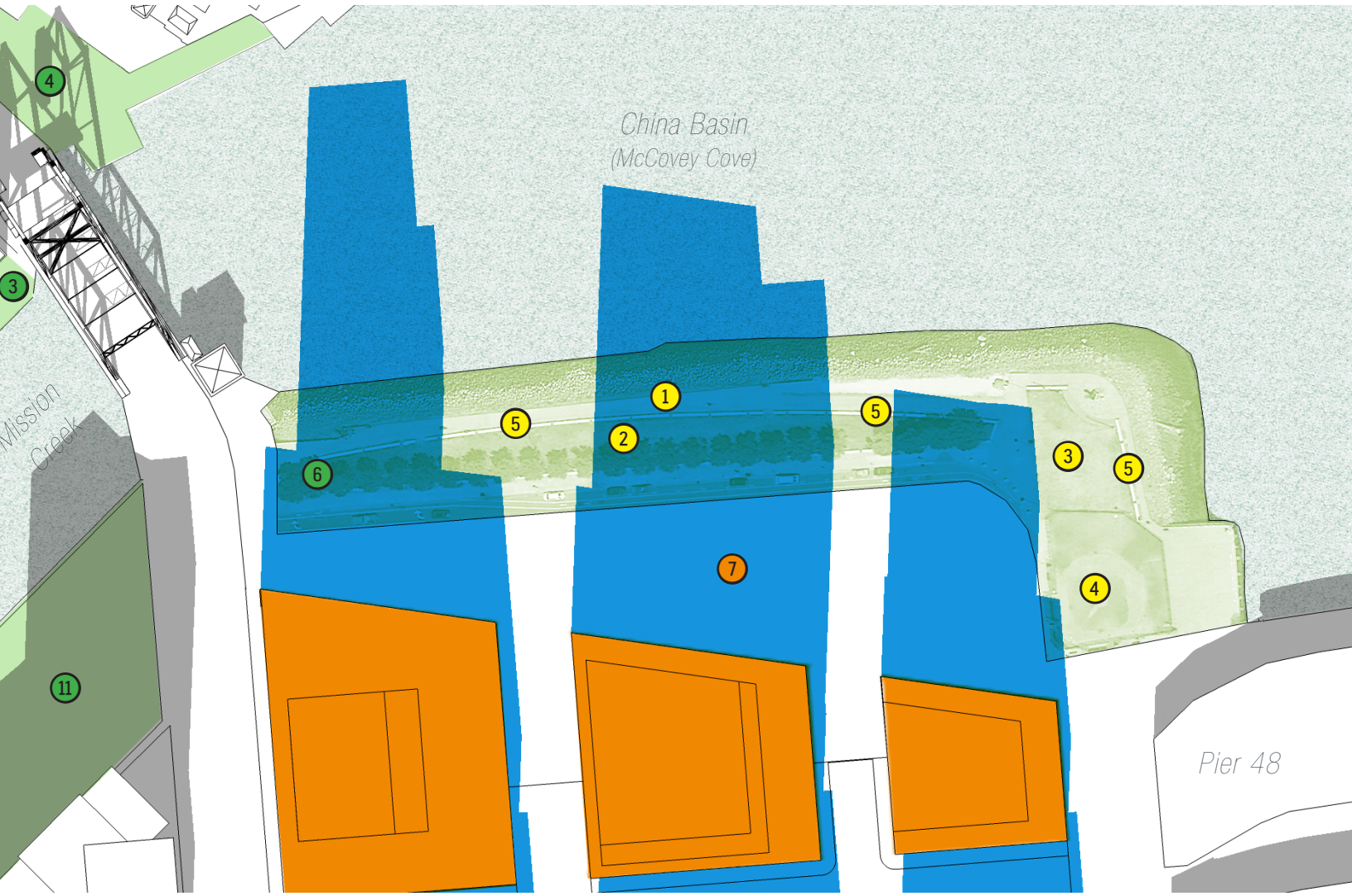
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.17 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

12:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.18 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

12:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

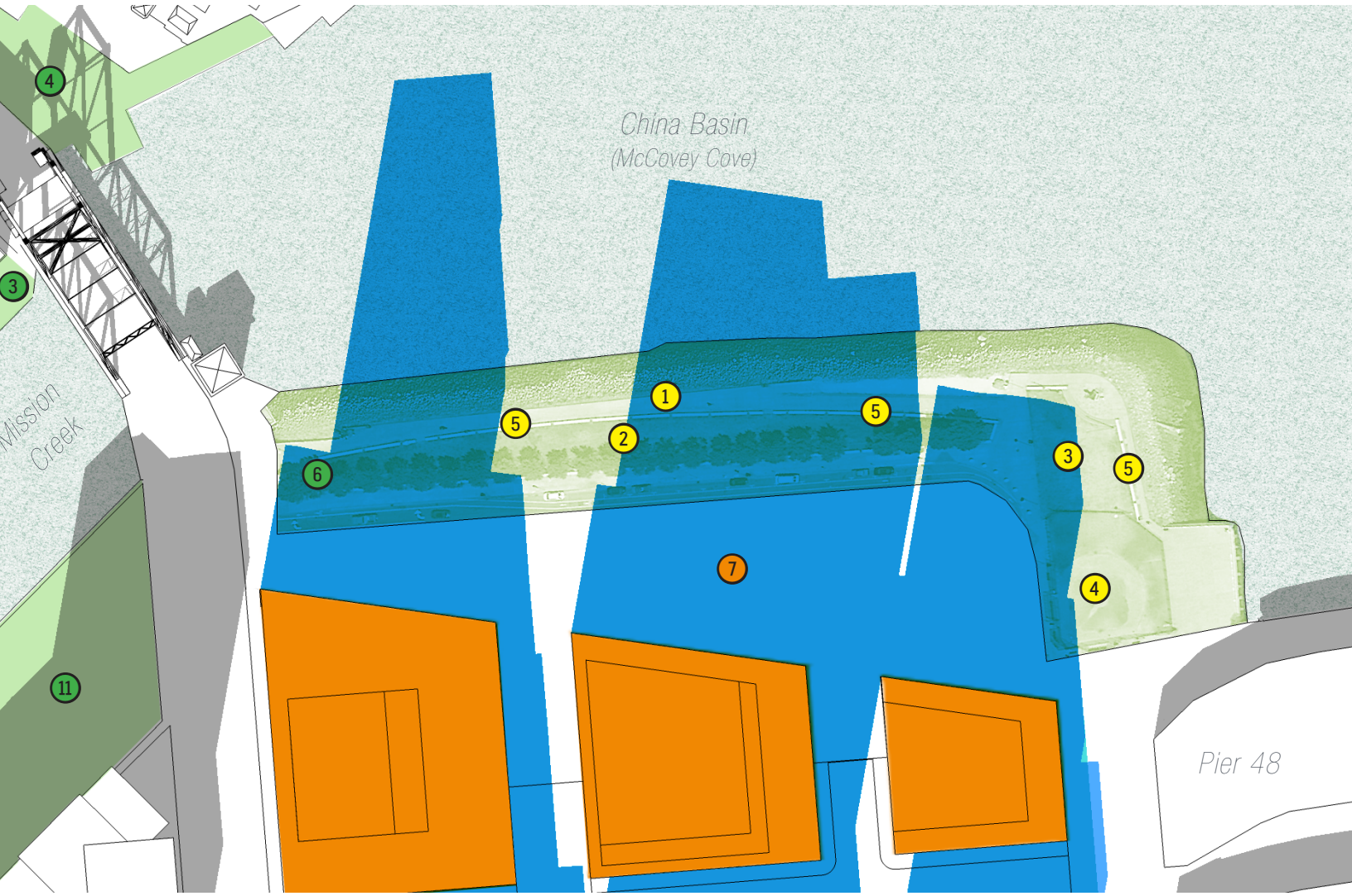
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.19 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

12:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.20 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

1:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.21 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

1:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.22 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

1:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

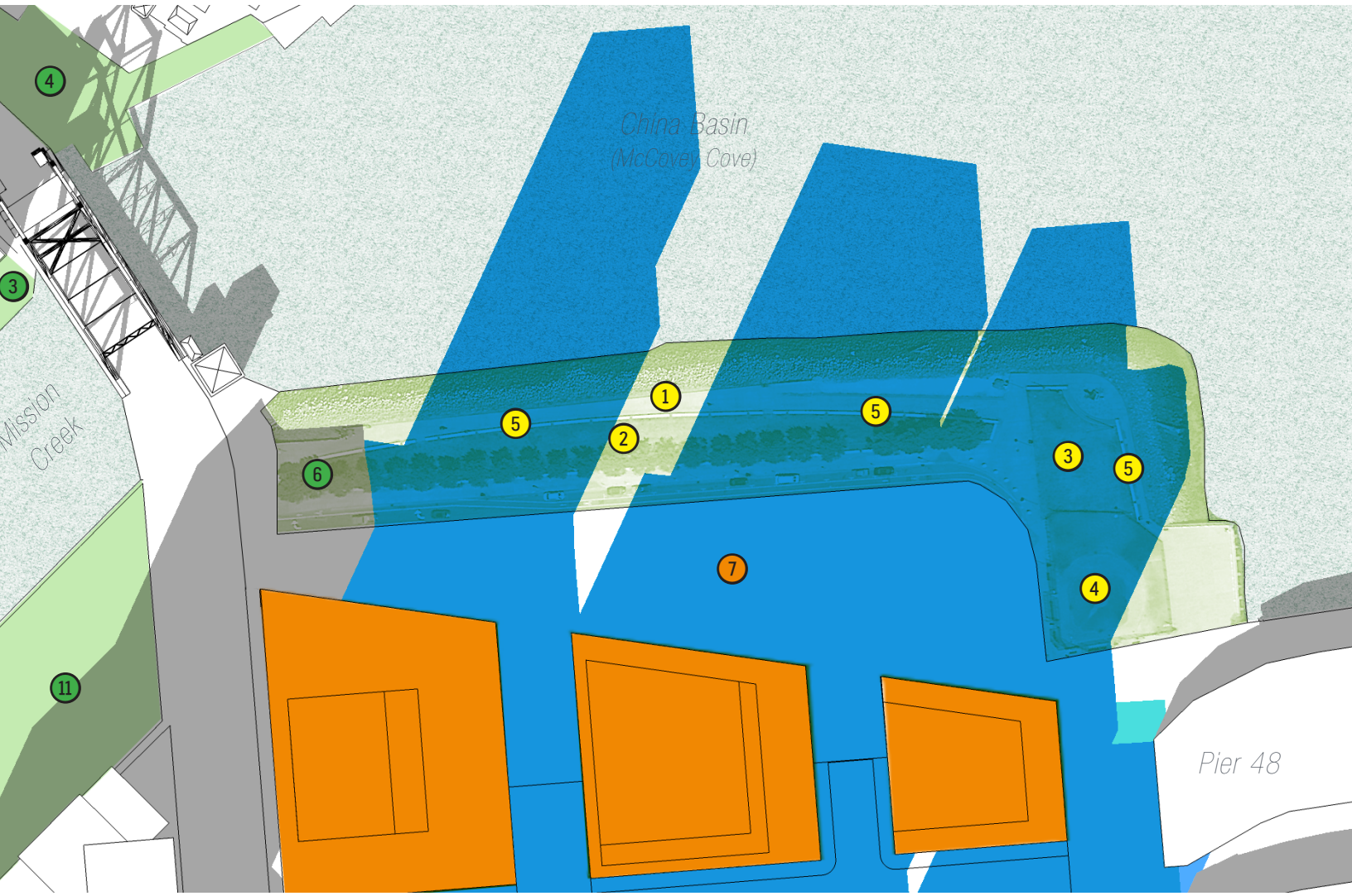
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.23 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

1:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

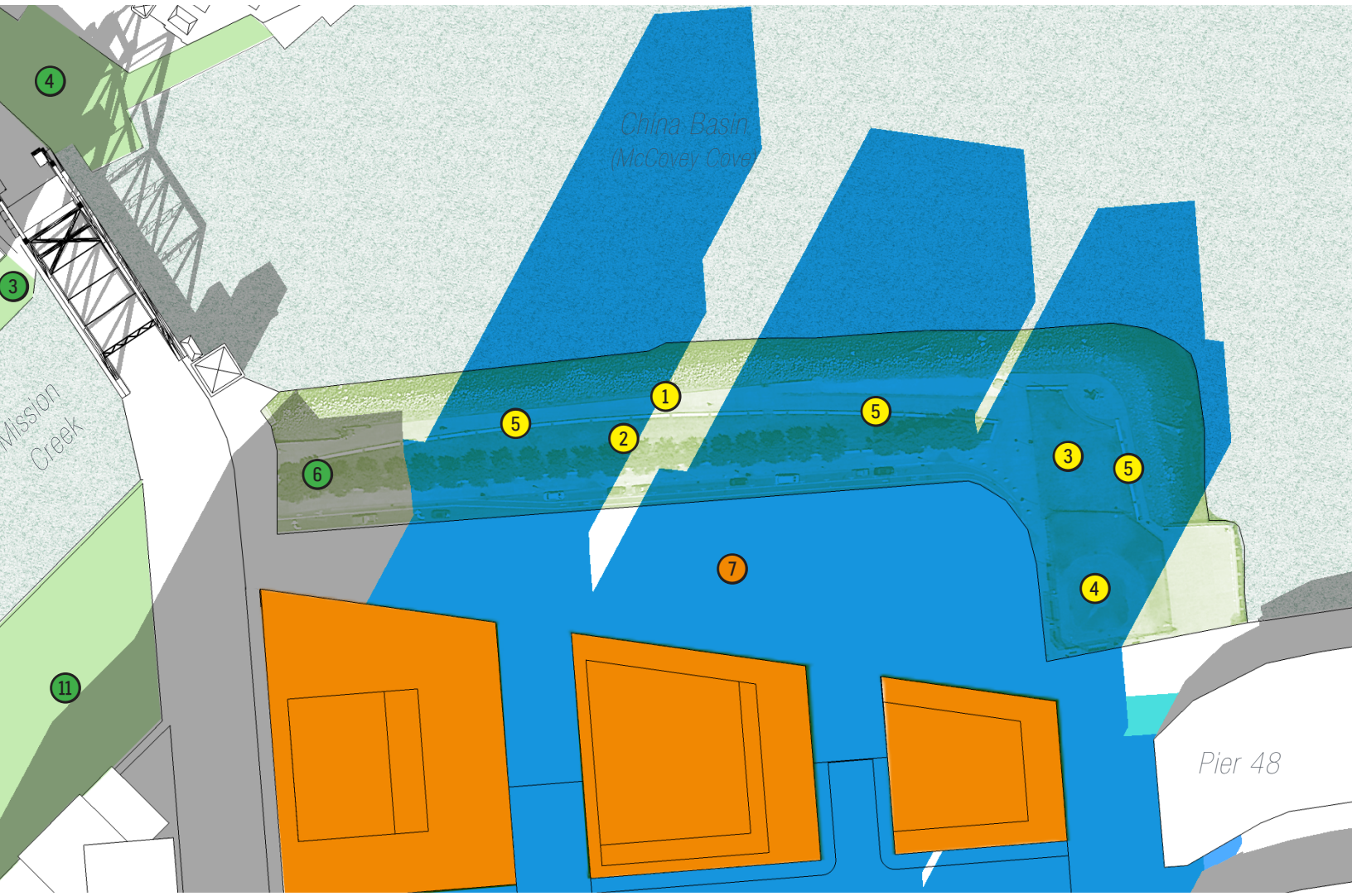
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.24 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

2:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

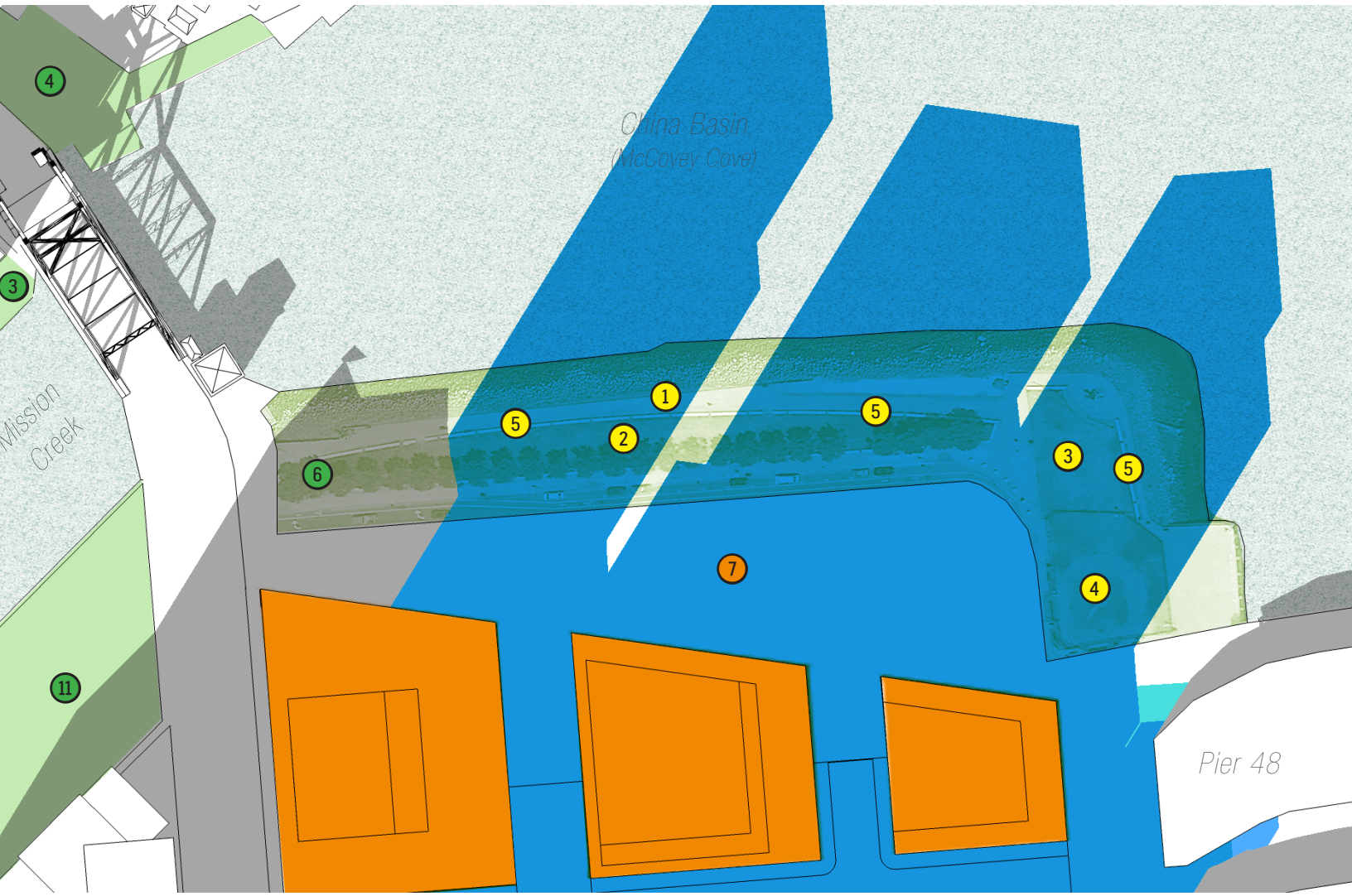
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.25 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

2:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

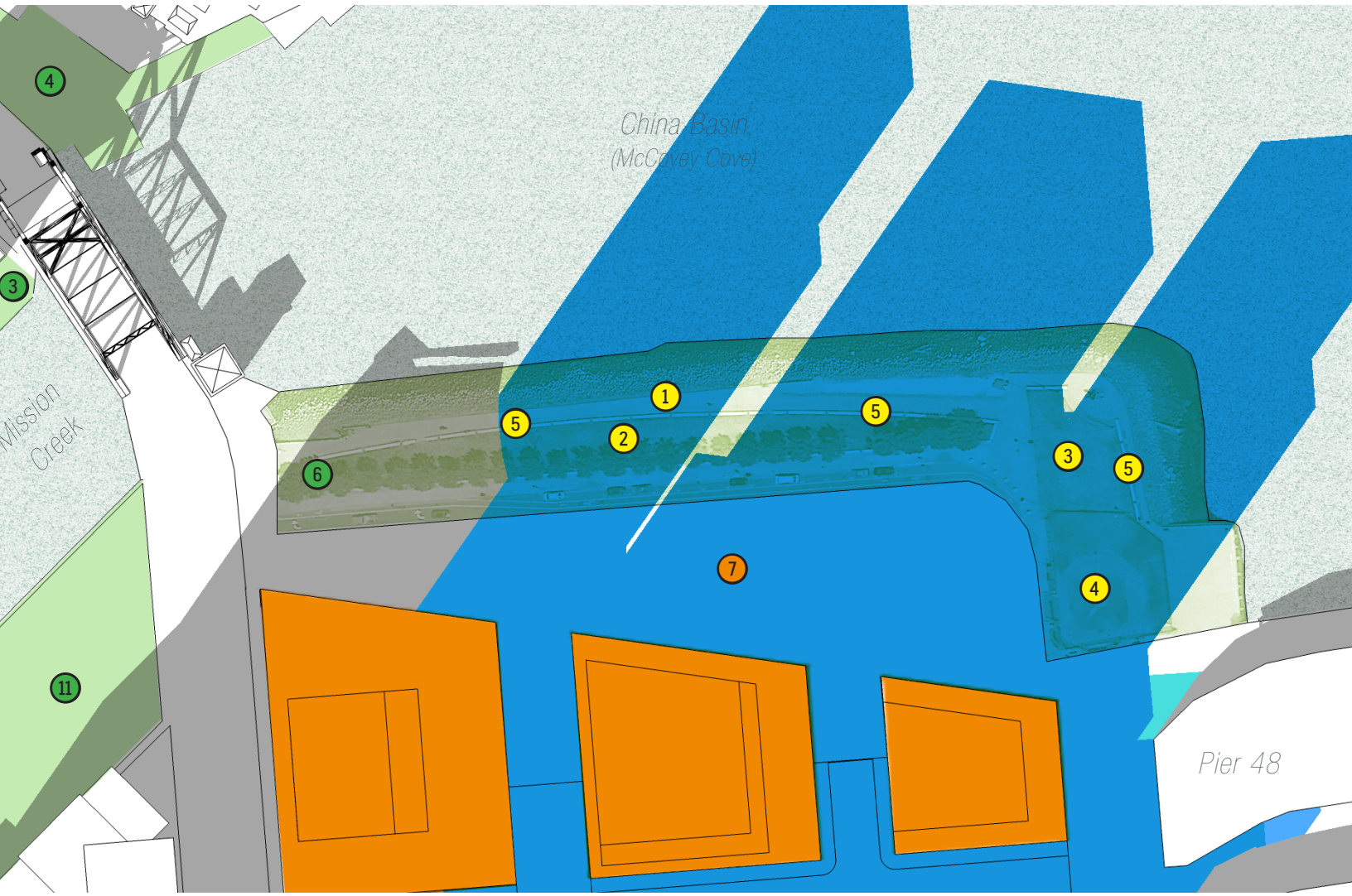
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.26 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

2:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

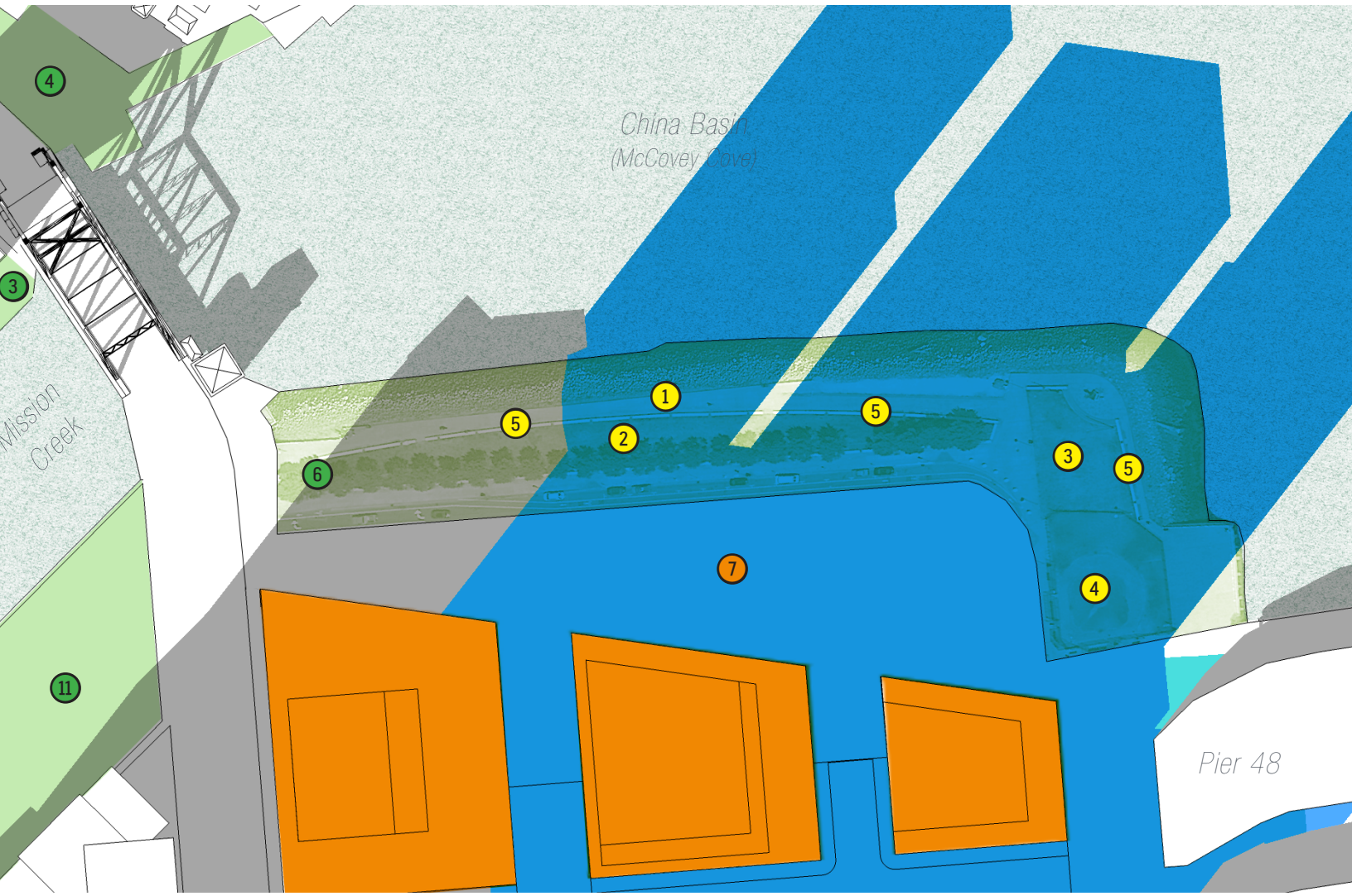
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.27 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

2:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

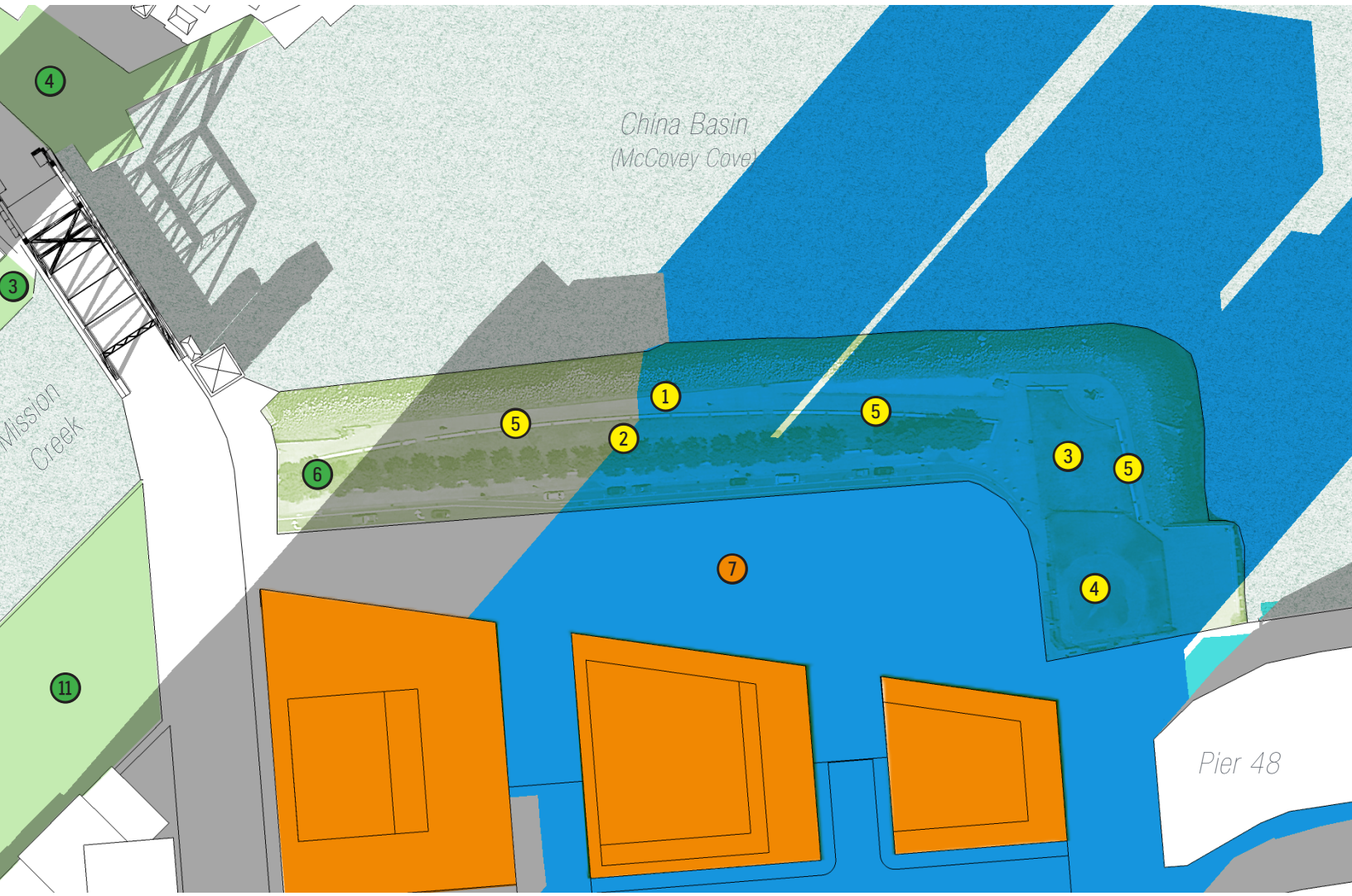
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.28 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

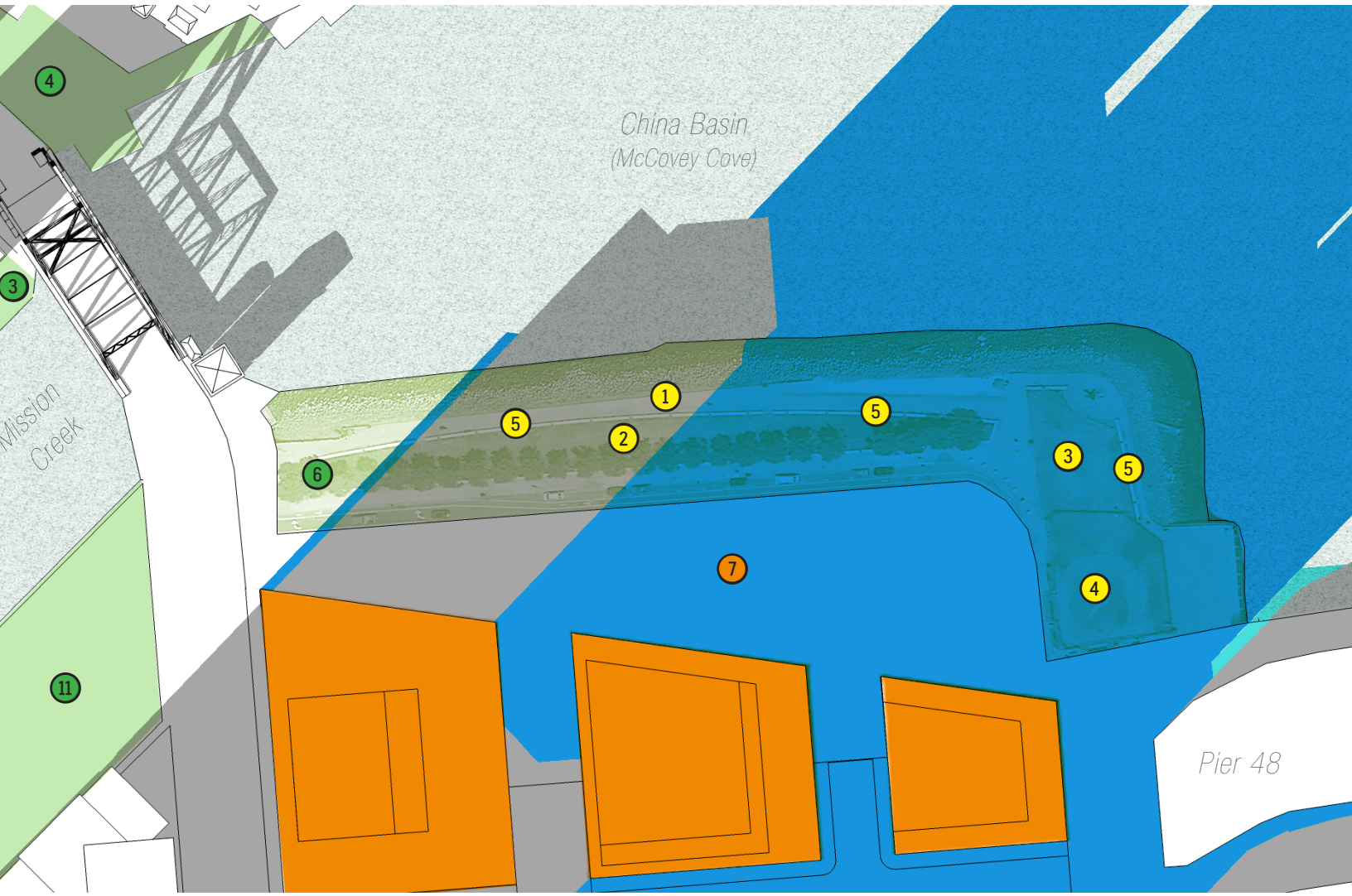
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.29 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

3:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

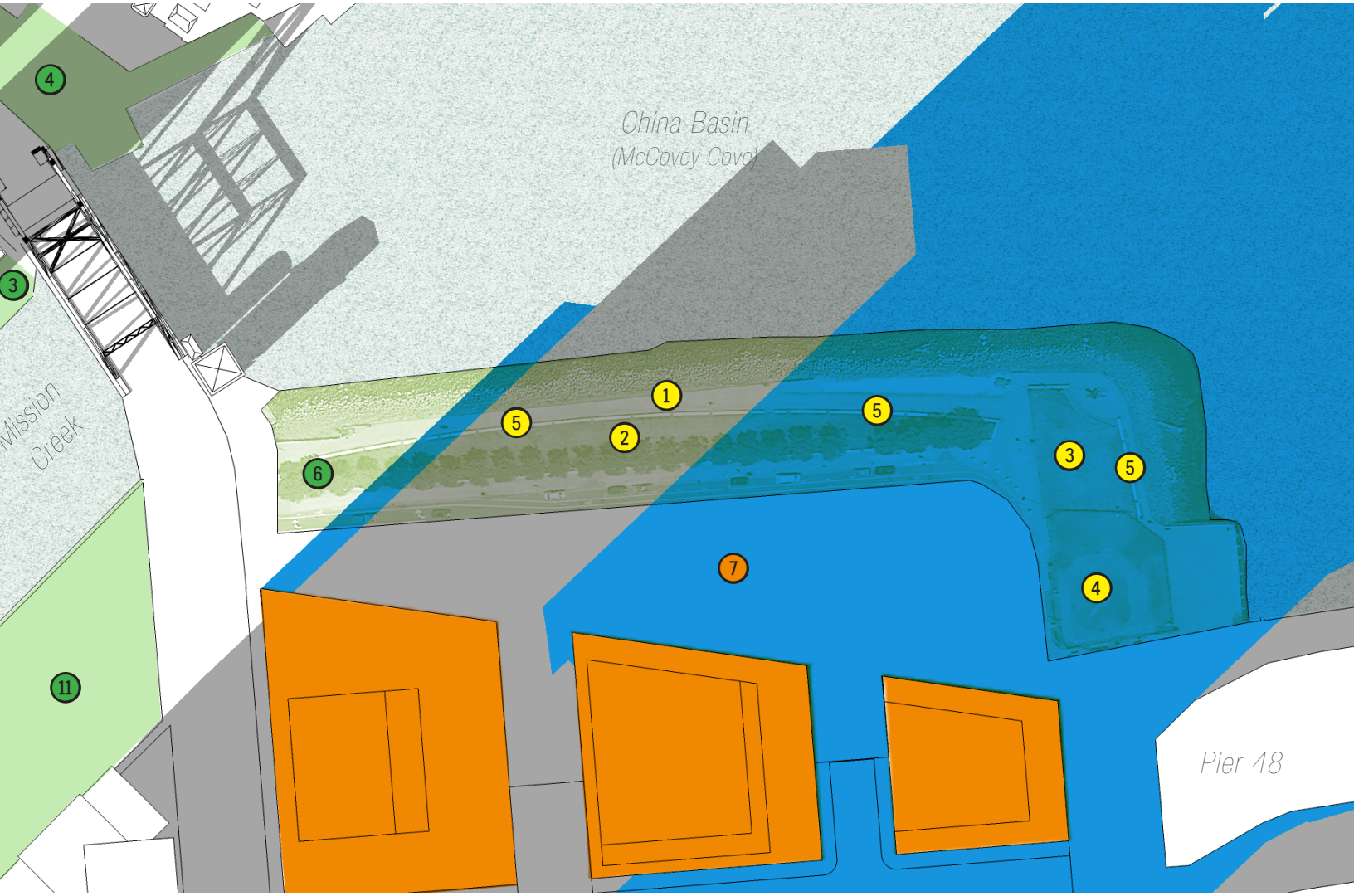
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.30 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

3:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

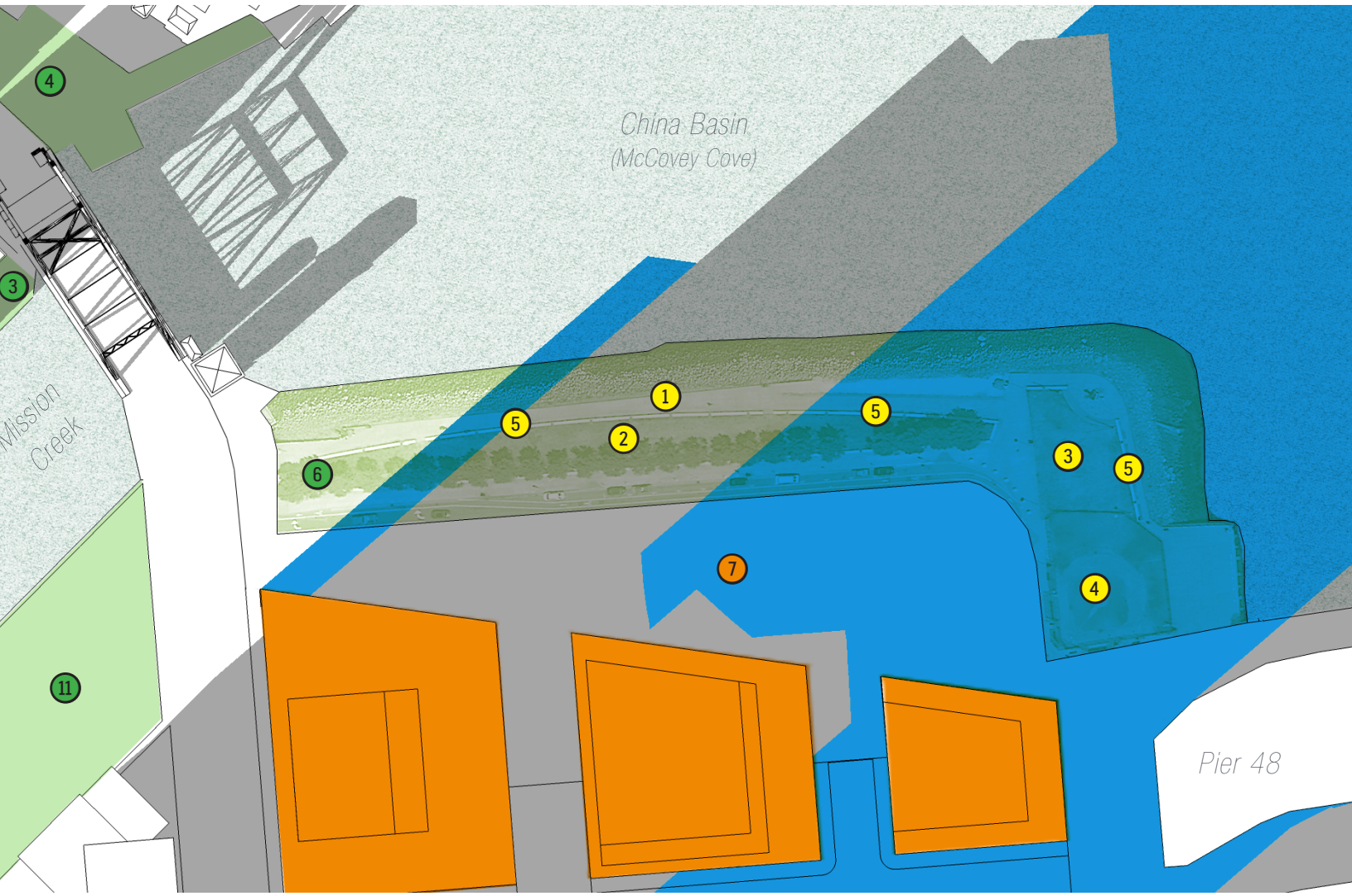
**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

G1.31 EXISTING CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

3:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 3 China Basin Building Promenade
- 4 AT&T Park Plaza
- 6 Existing China Basin Park
- 7 New China Basin Park*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Existing China Basin Park Key:

- 1 Walkway
- 2 Main Lawn
- 3 Secondary Lawn
- 4 Junior Giants Field
- 5 Concrete Seating Ledge

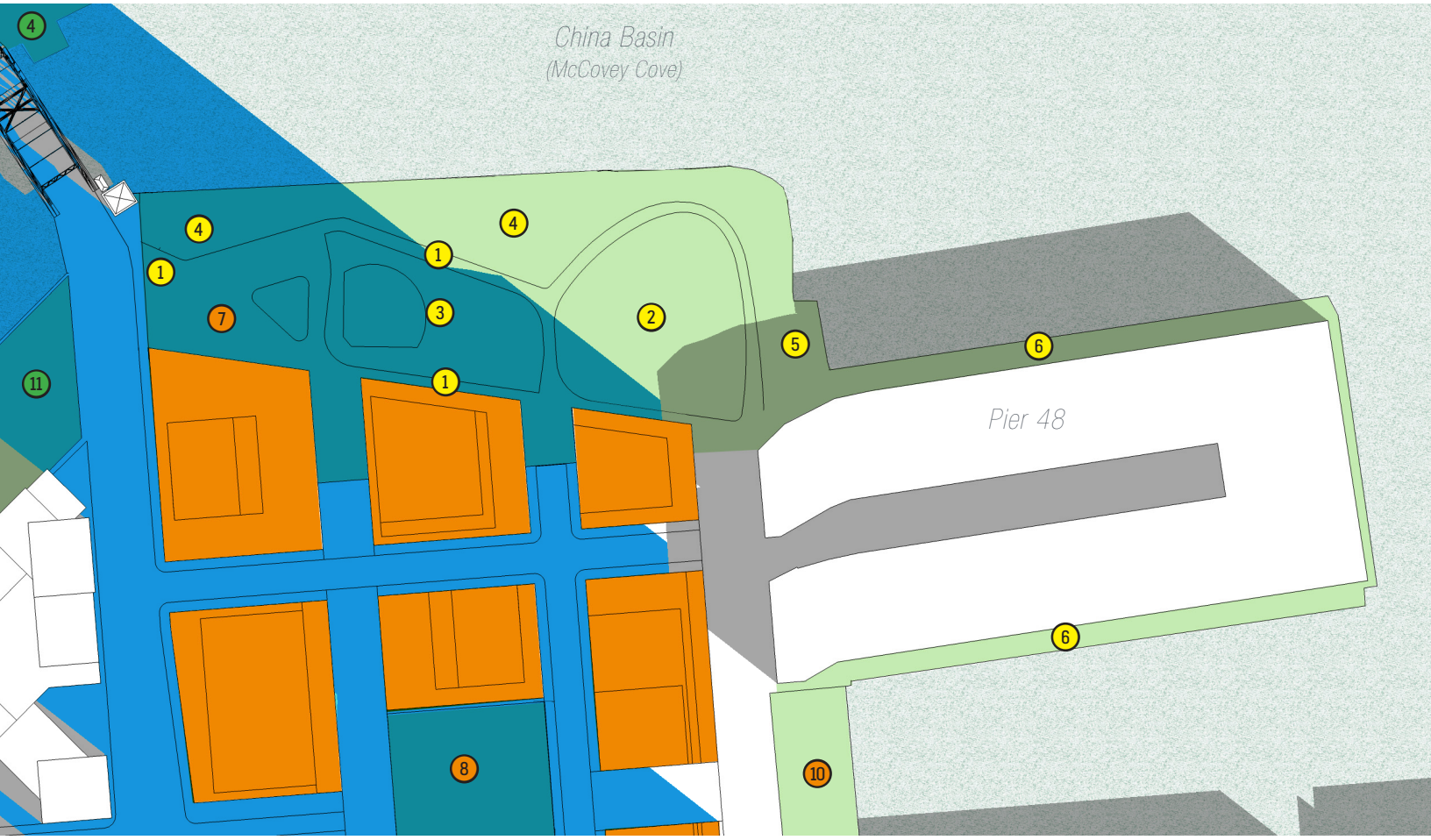
EXHIBIT H: SHADOW DIAGRAMS ON THE NEW CHINA BASIN PARK (PROPOSED BY PROJECT)

H1: Shadow Diagrams on Day of Maximum Shading

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset + at 15 minute intervals when new shading is present in the open space..

H1.1 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

8:10 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

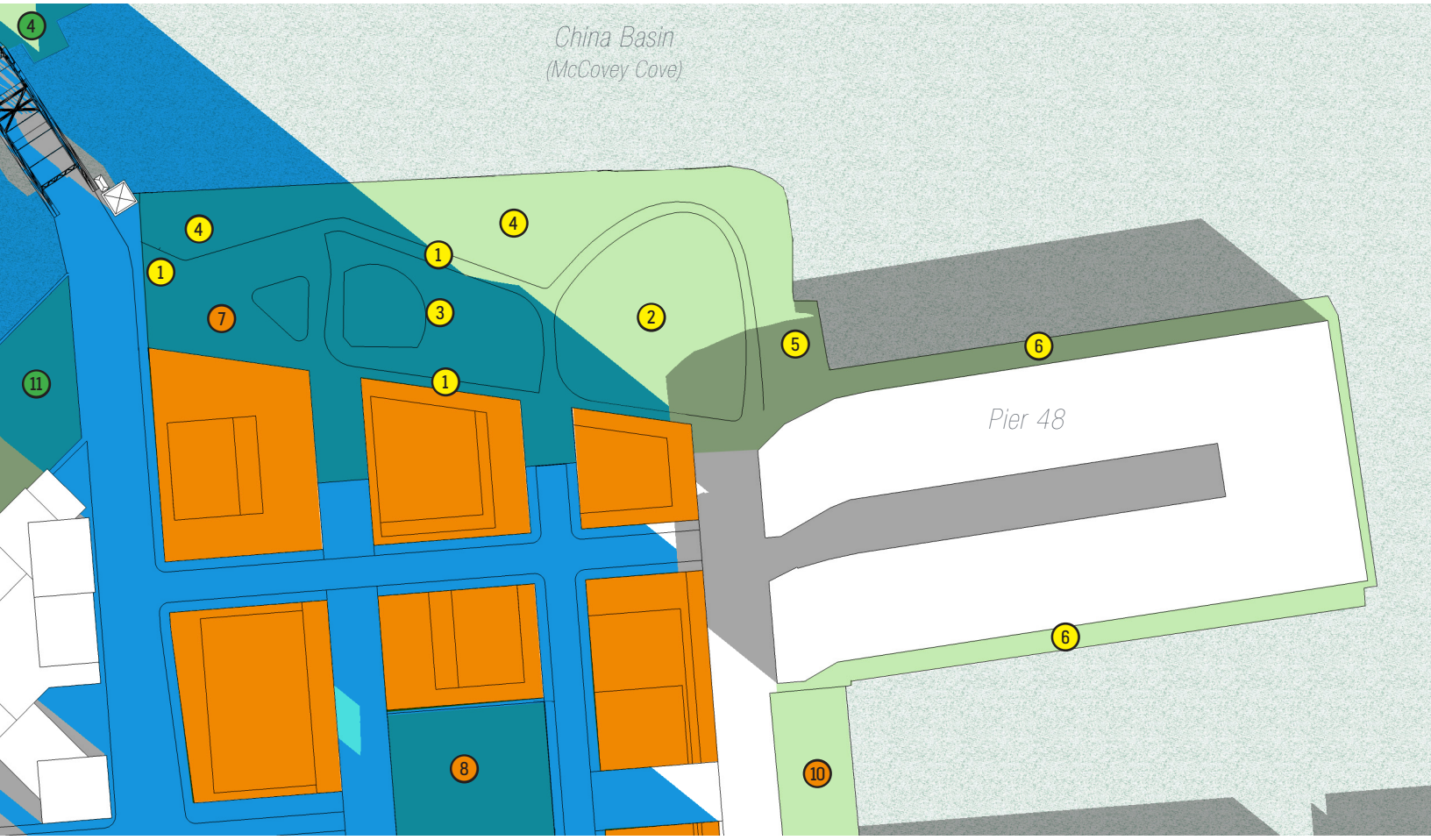
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.2 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

8:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

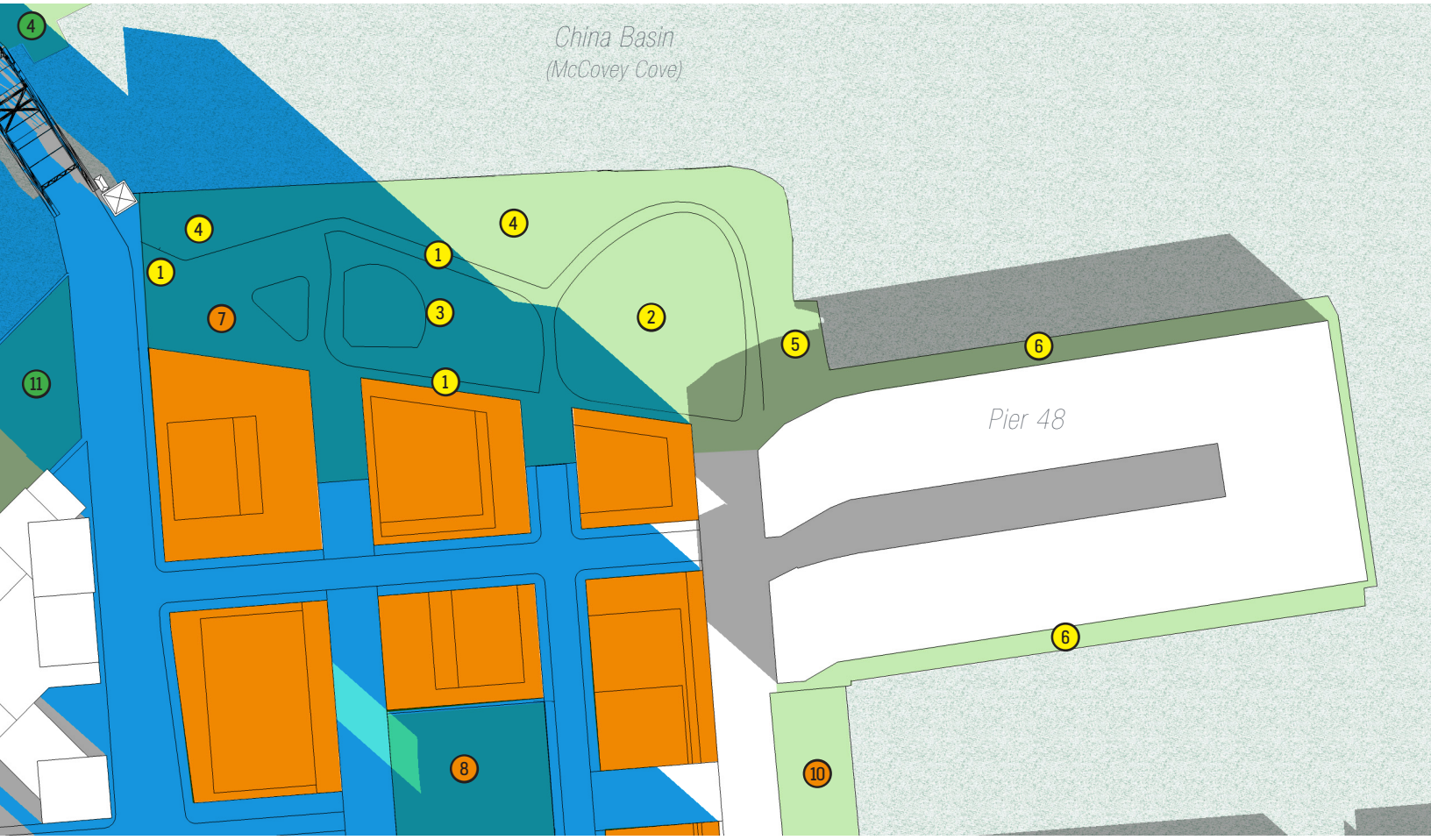
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.3 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

8:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

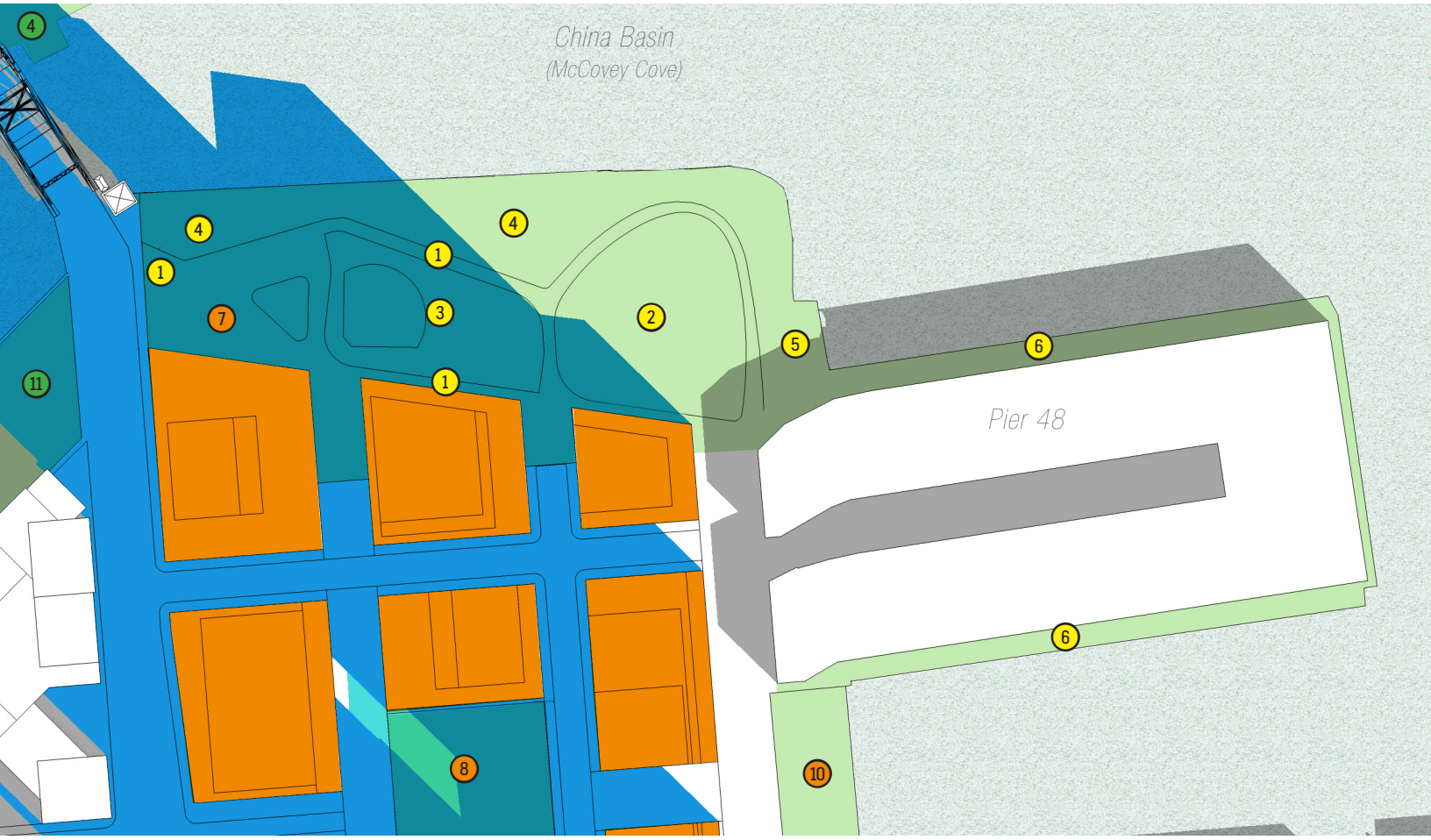
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.4 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

8:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

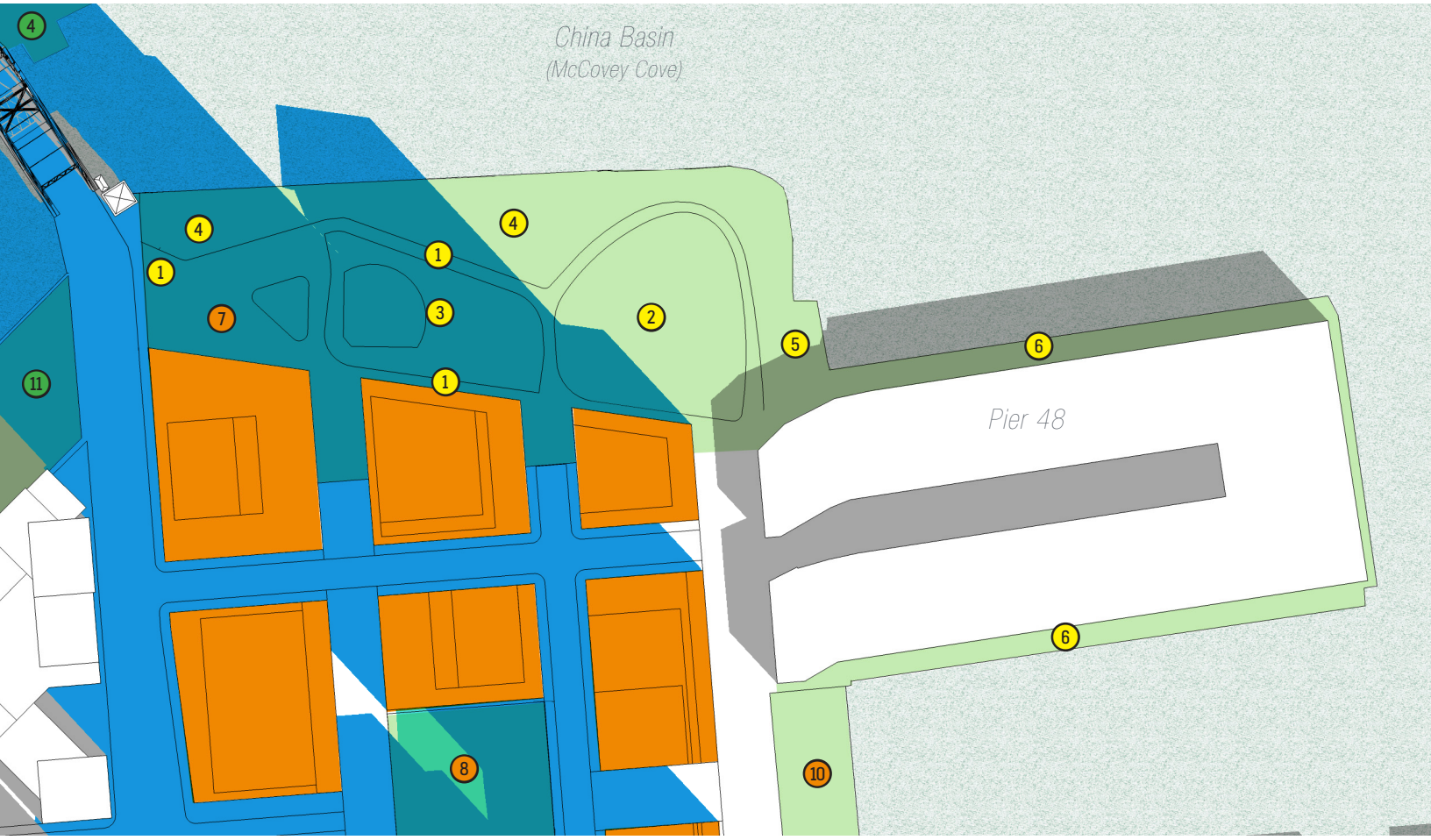
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.5 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

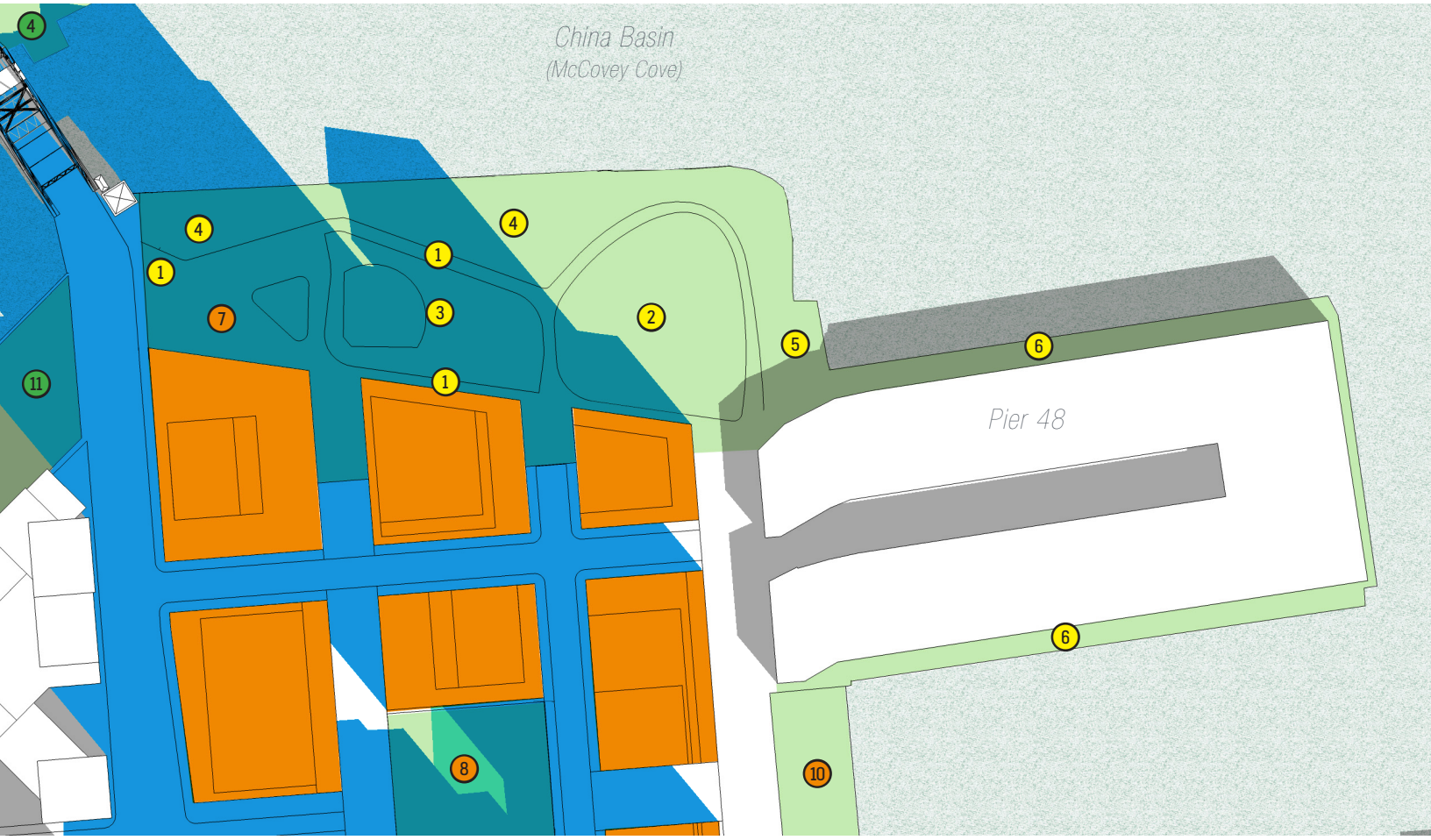
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.6 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

9:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.7 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

9:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

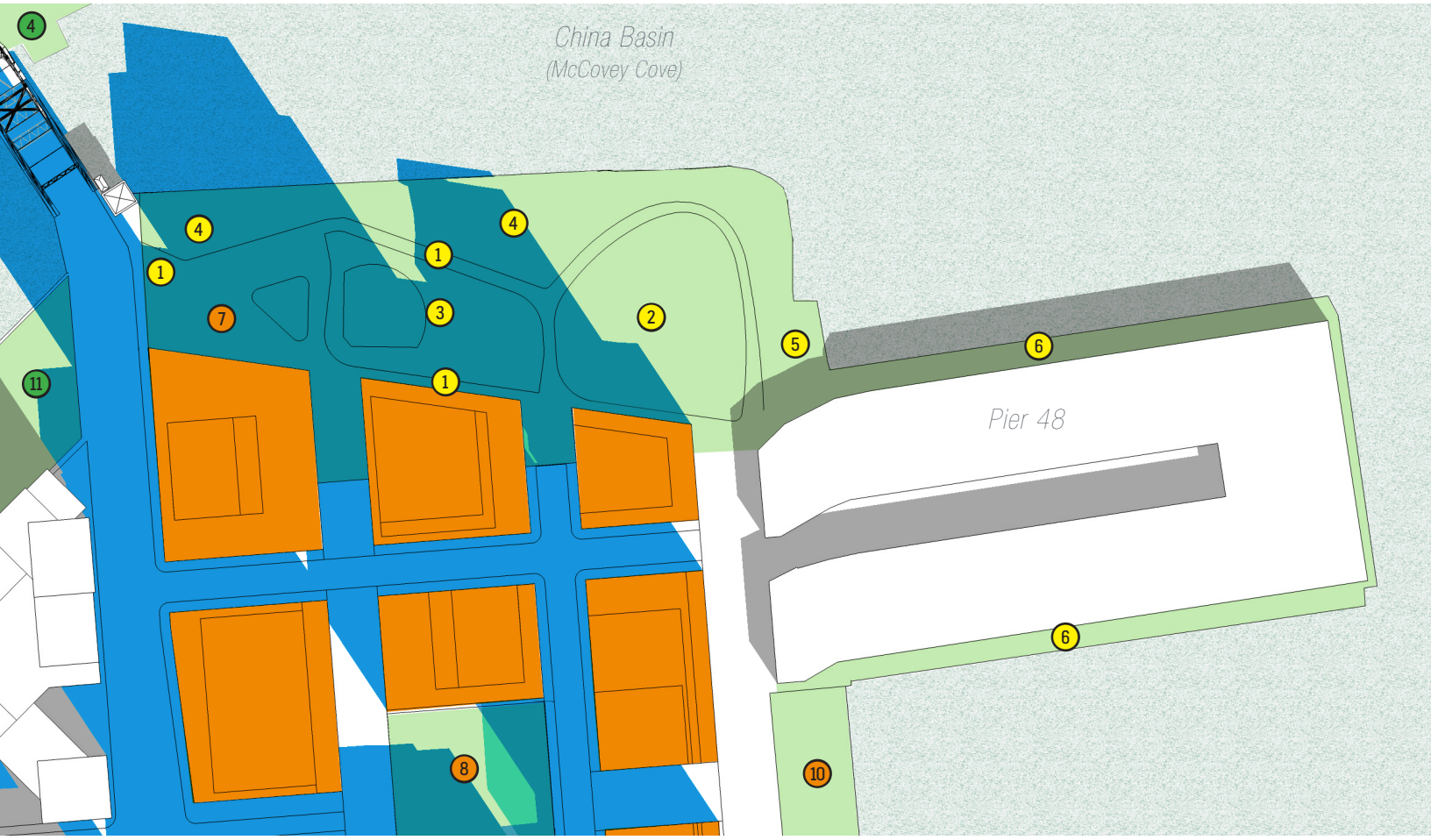
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.8 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

9:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

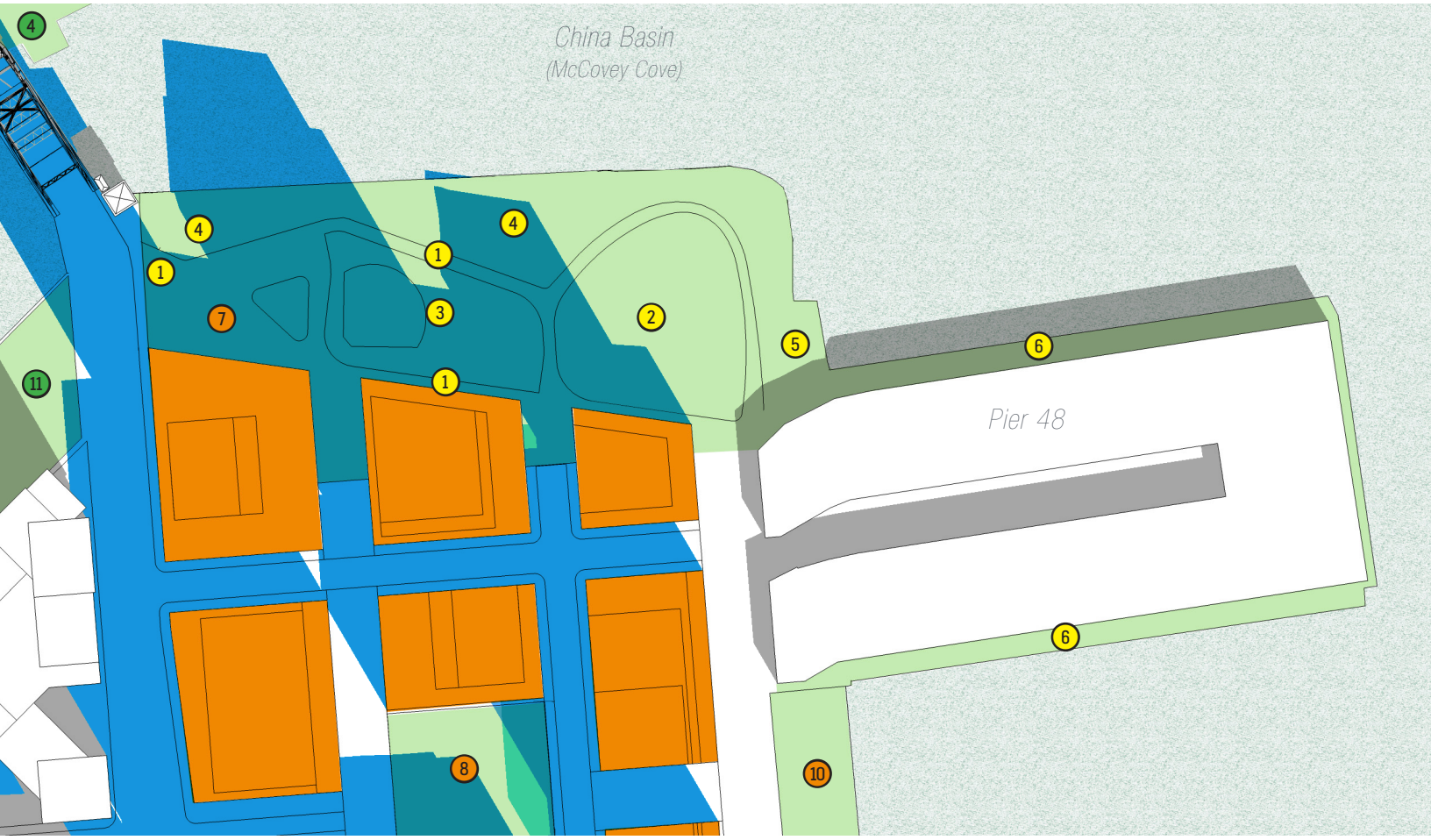
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.9 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

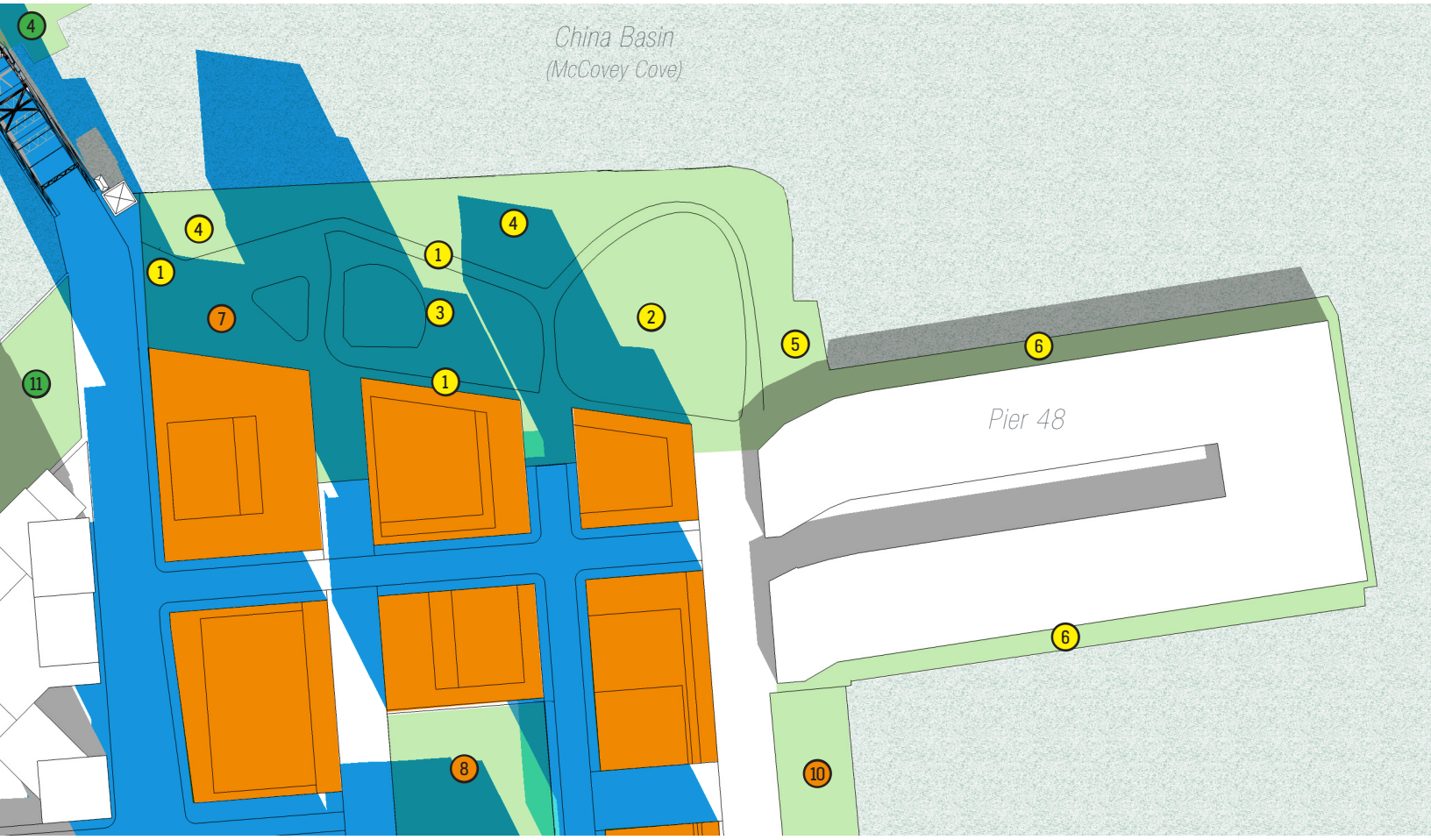
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.10 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

10:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

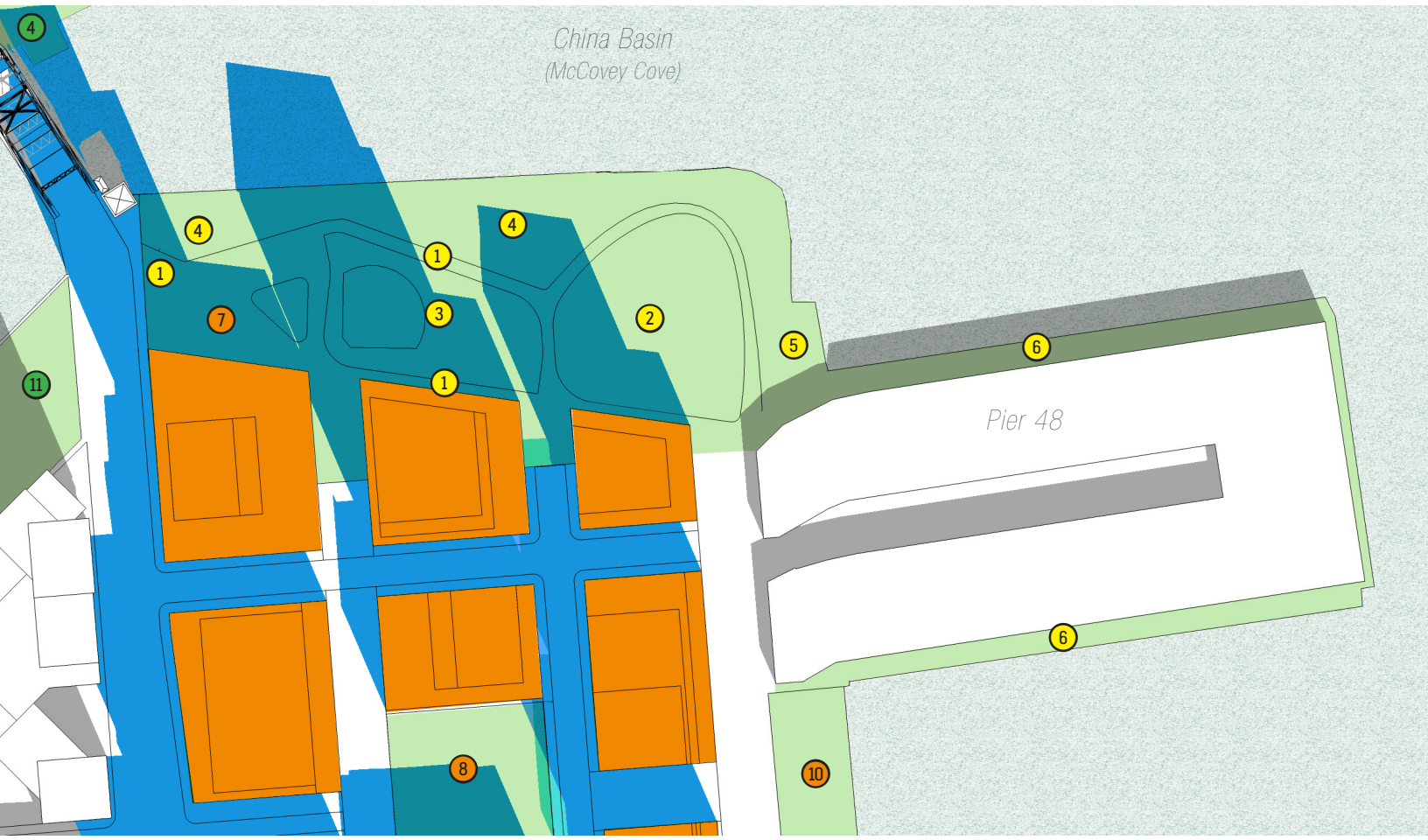
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.11 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

10:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

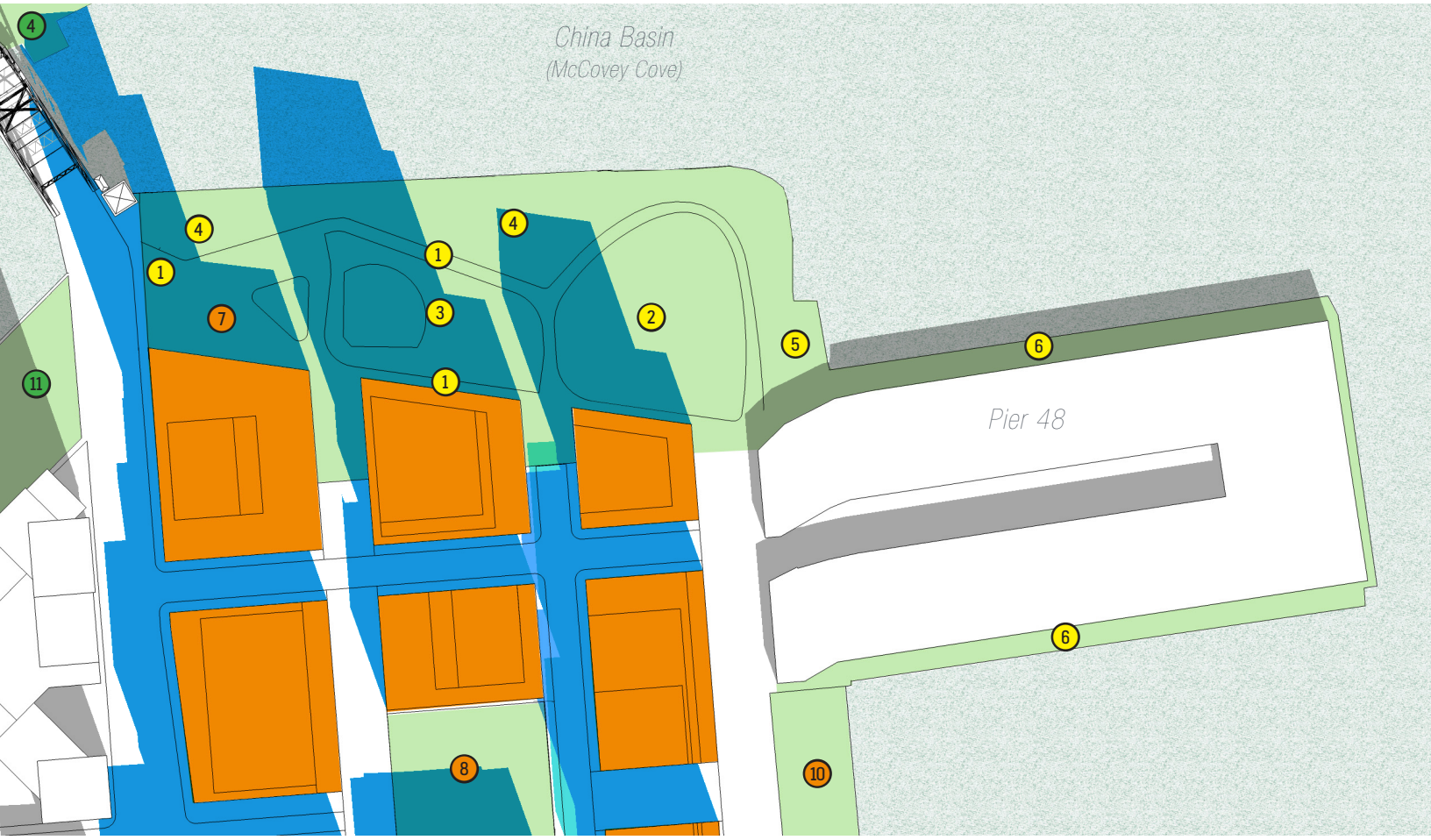
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.12 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

10:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

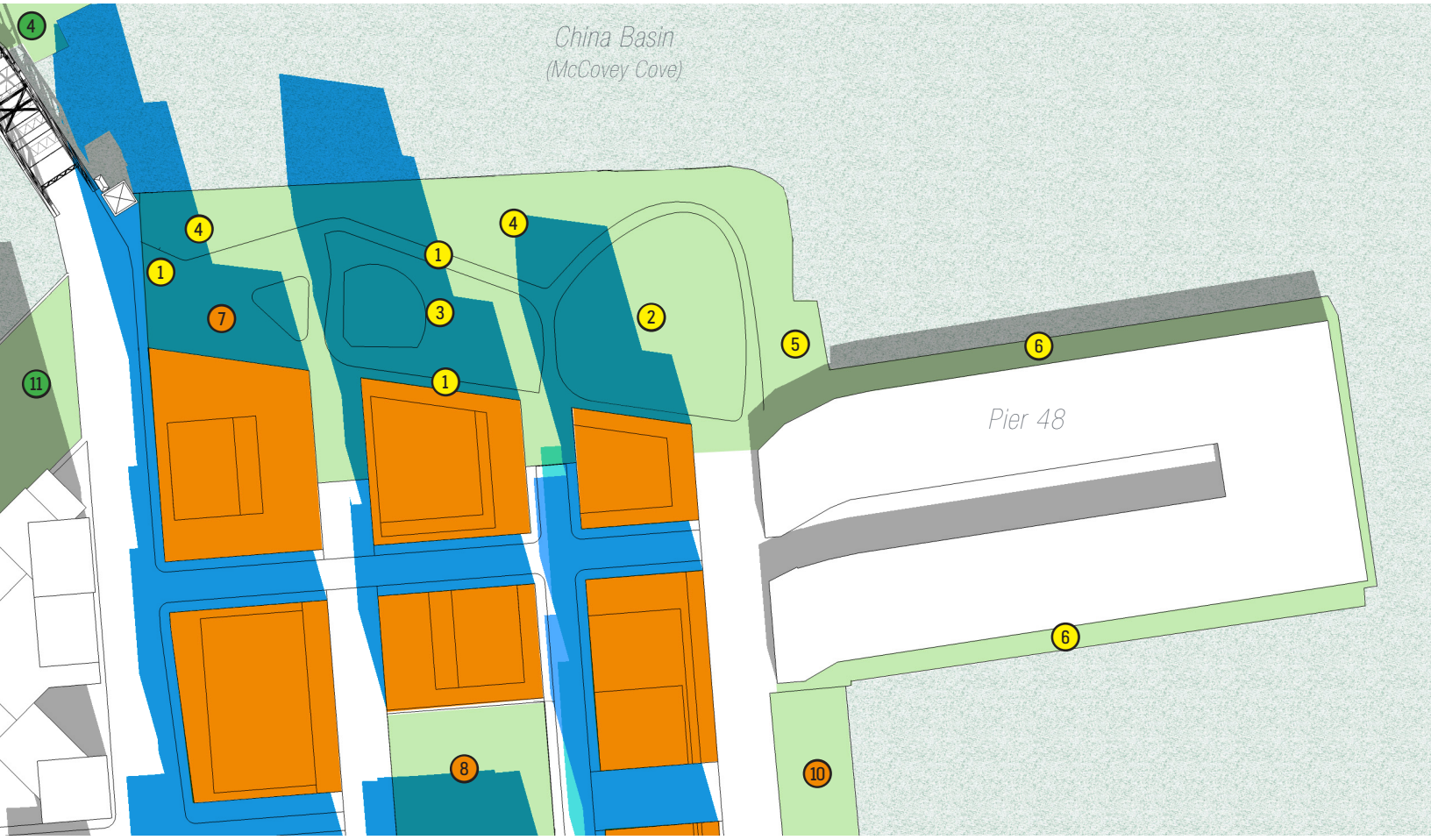
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.13 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

11:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.14 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

11:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

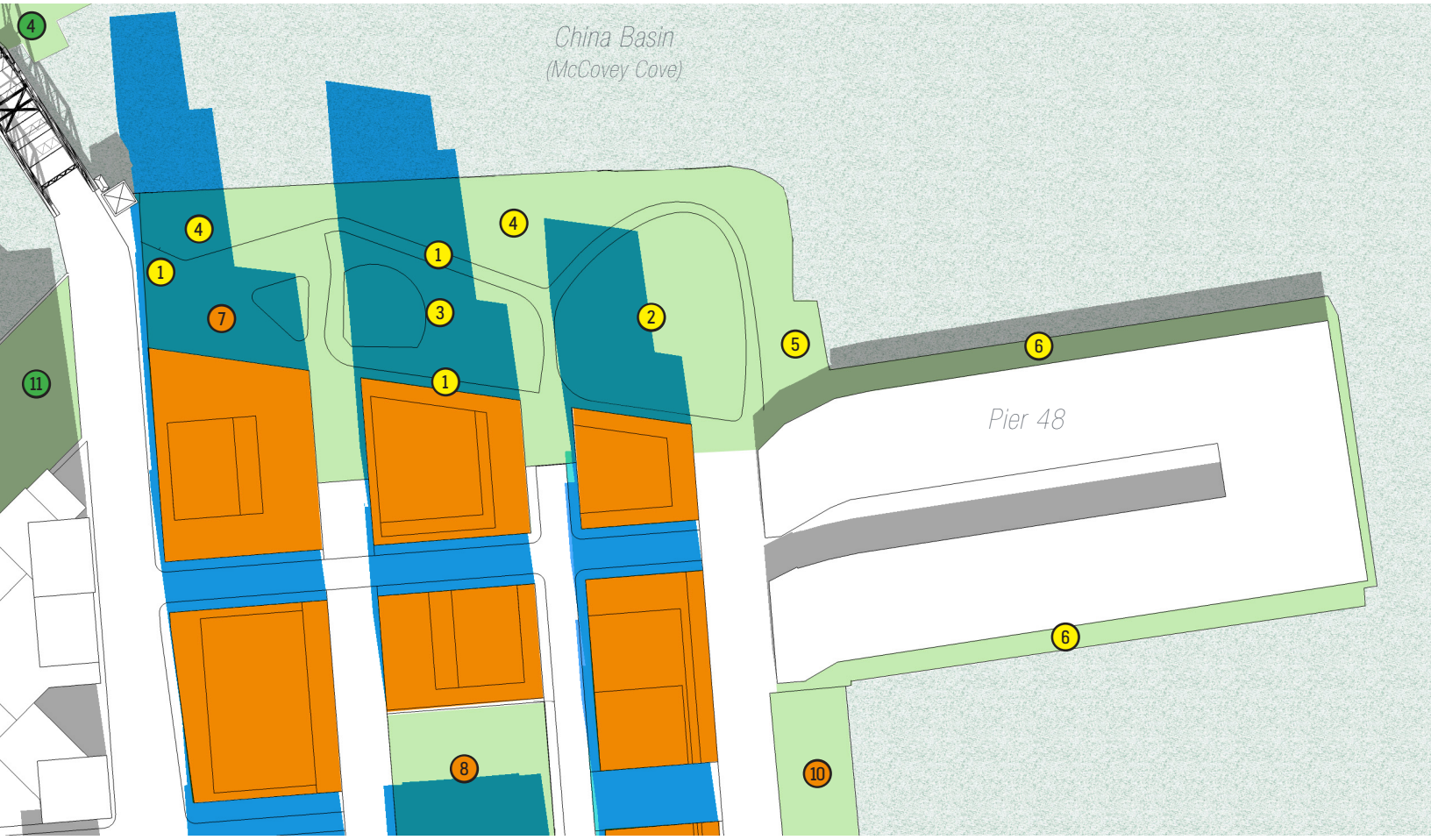
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.15 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

11:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

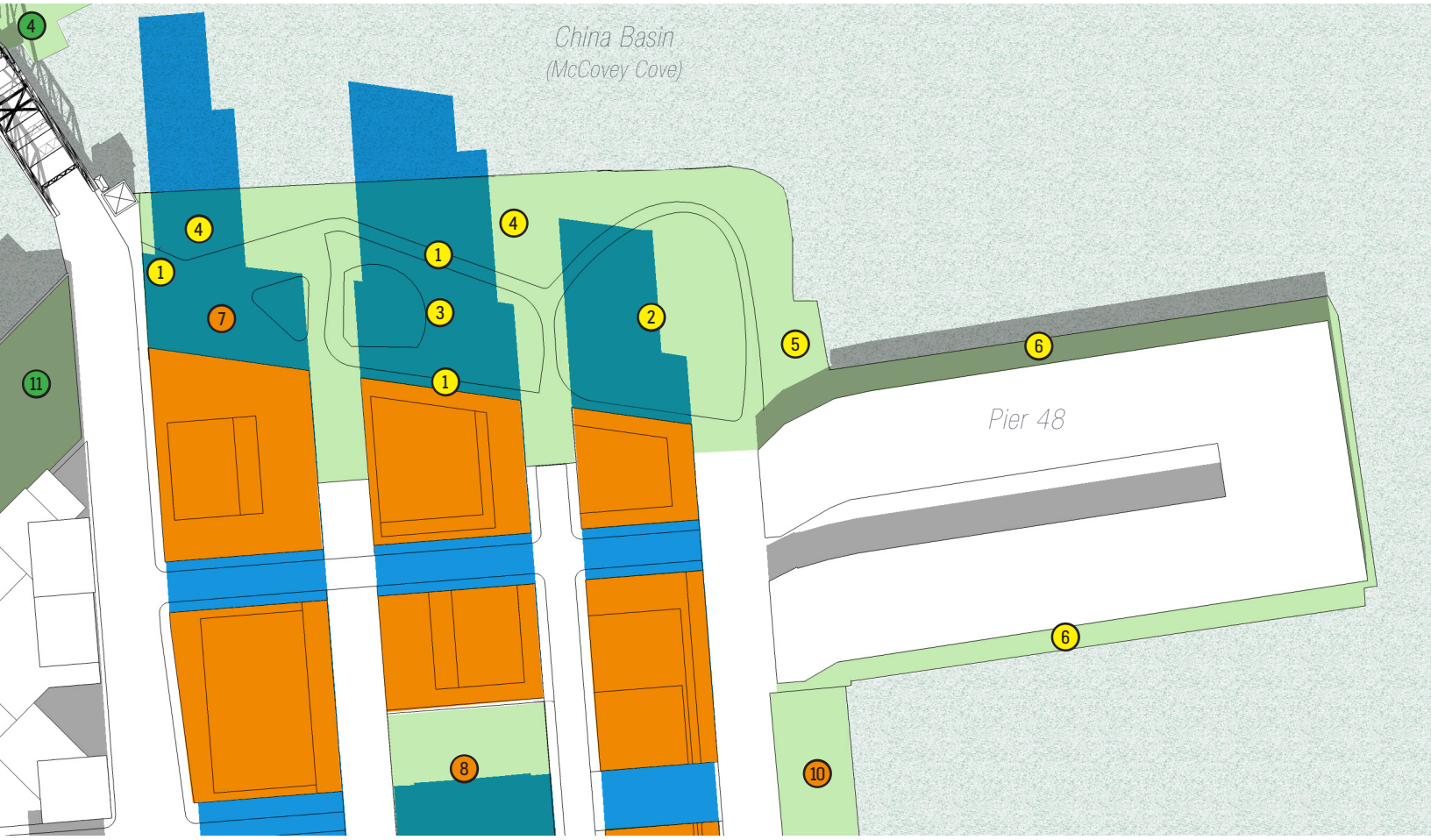
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.16 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

11:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

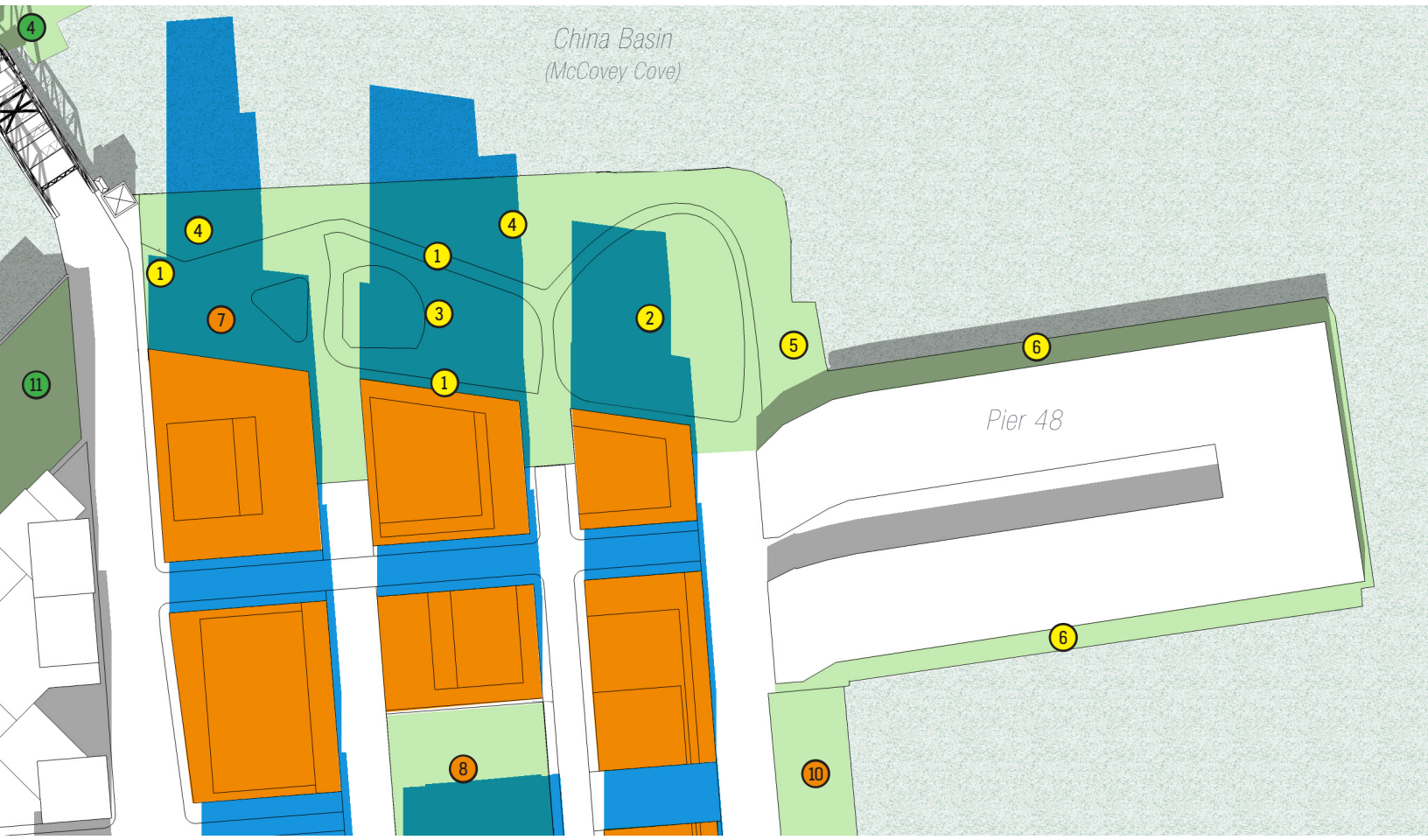
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.17 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

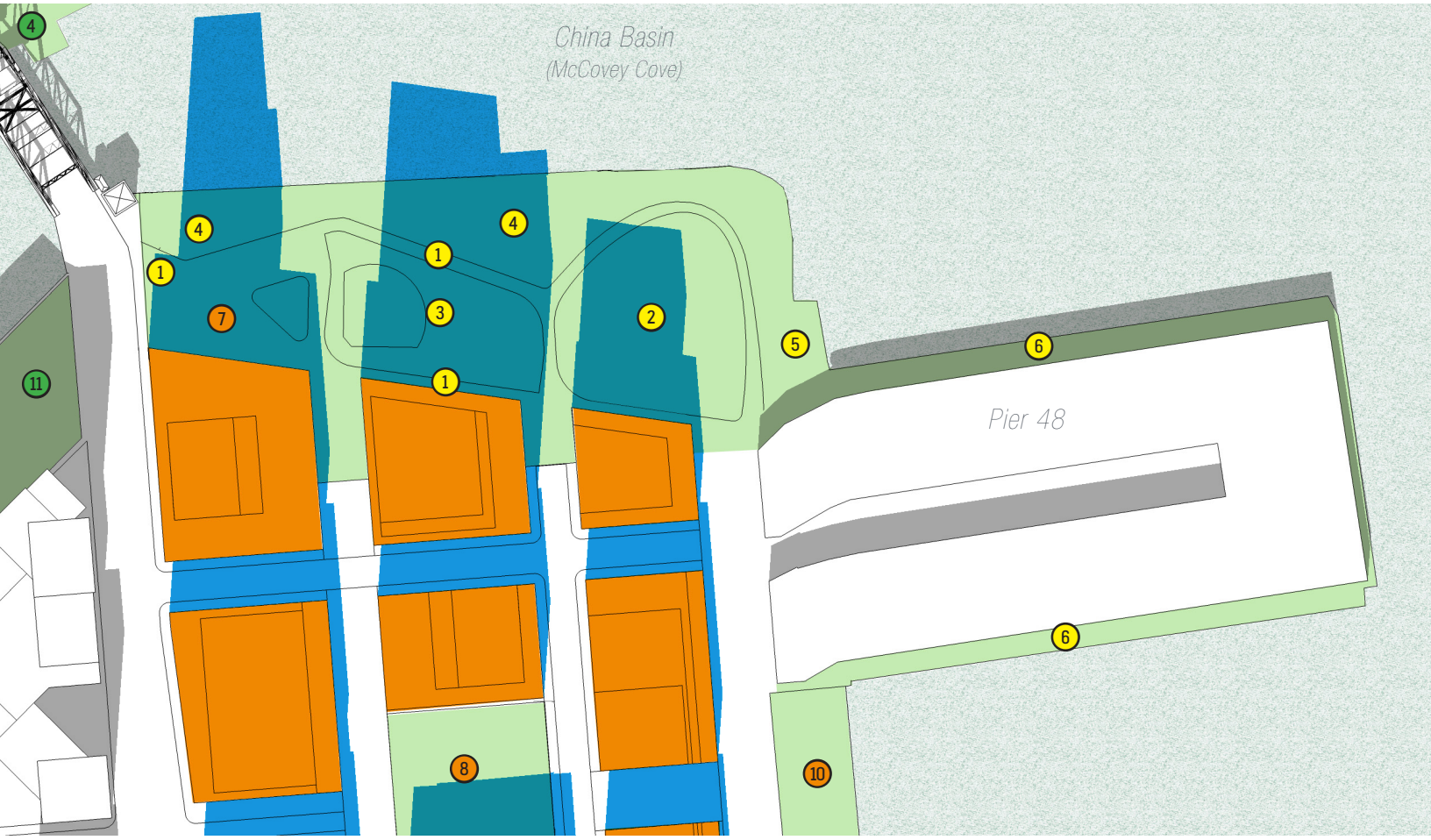
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.18 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

12:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

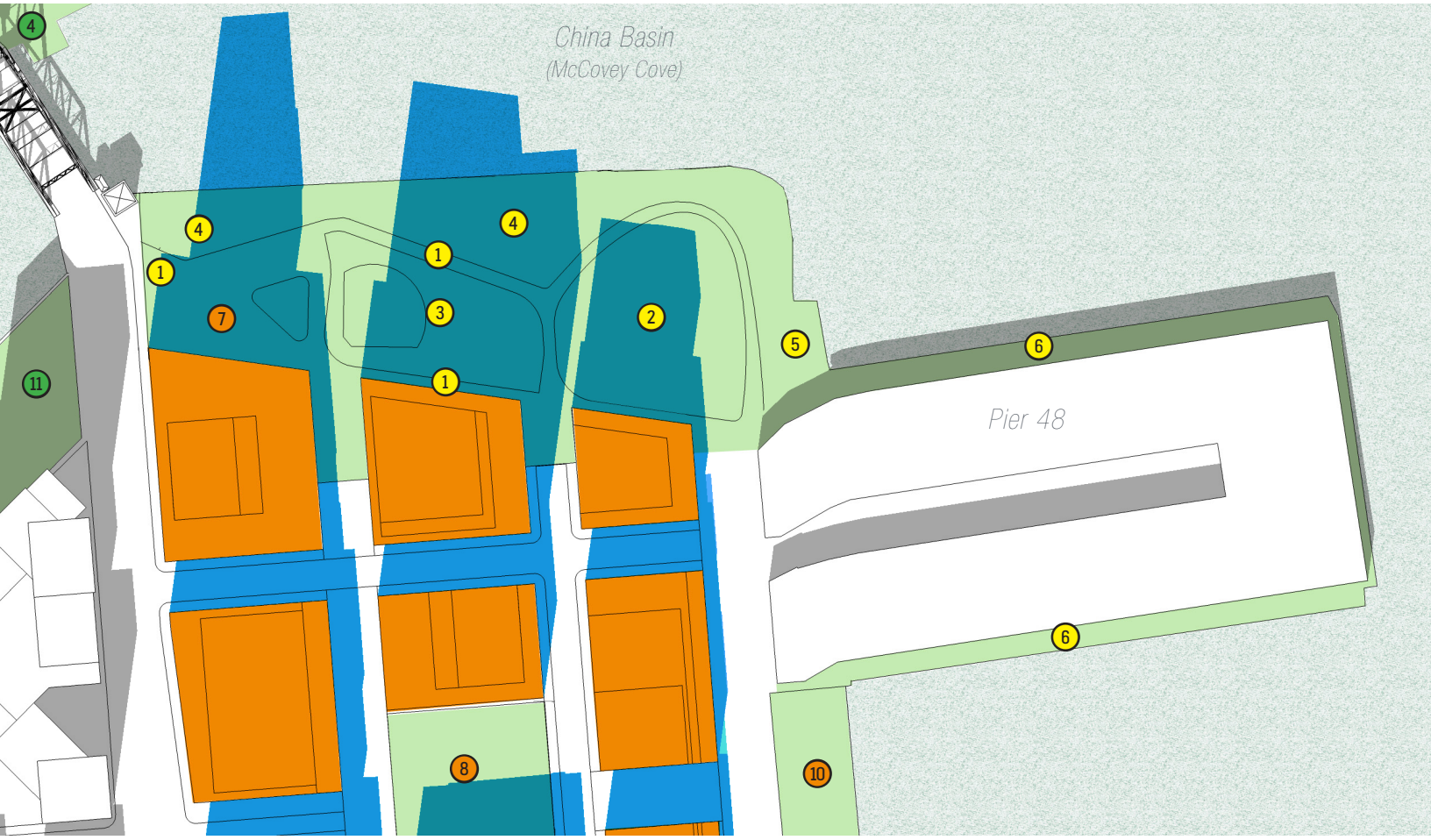
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.19 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

12:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

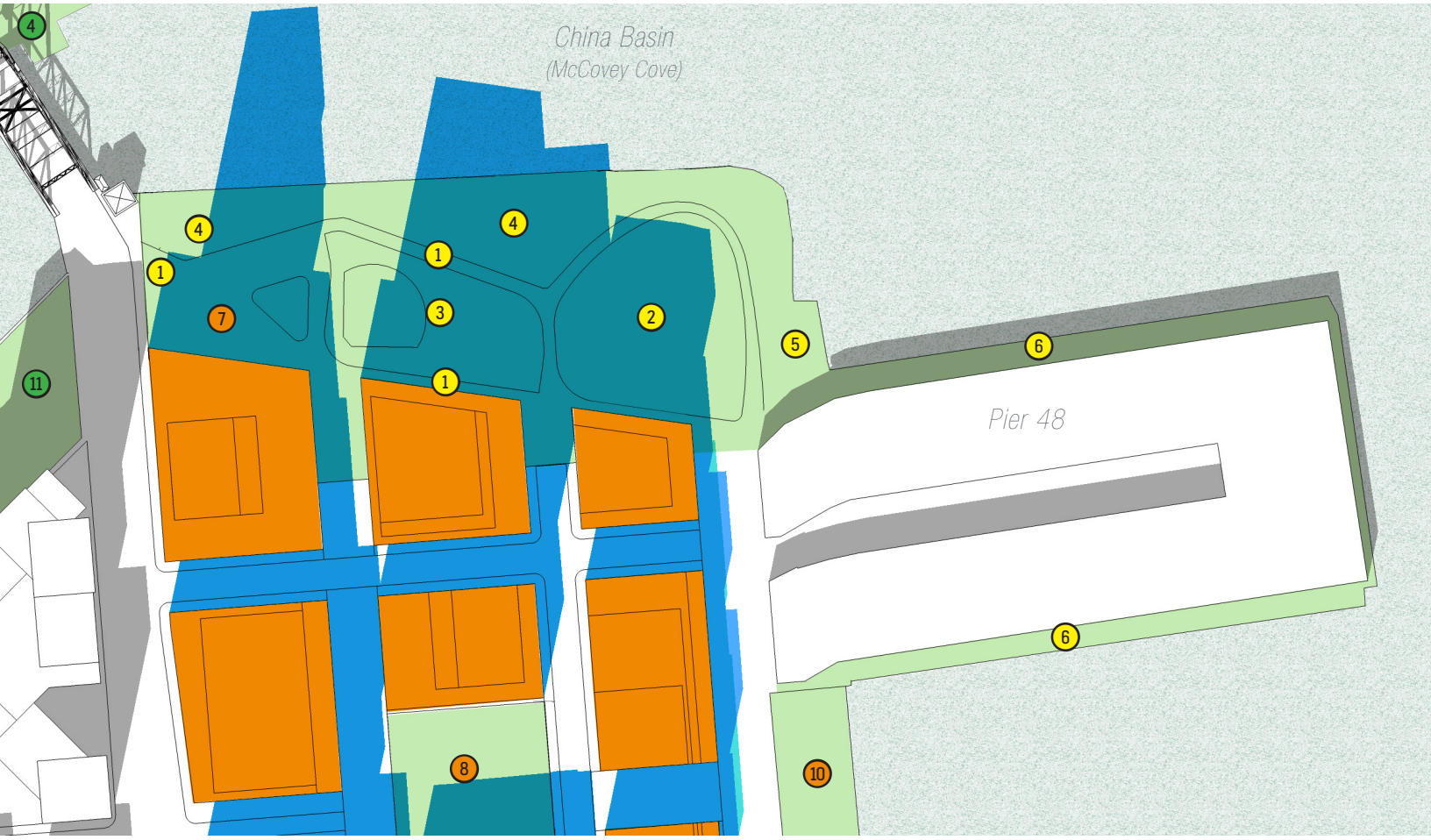
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.20 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

12:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

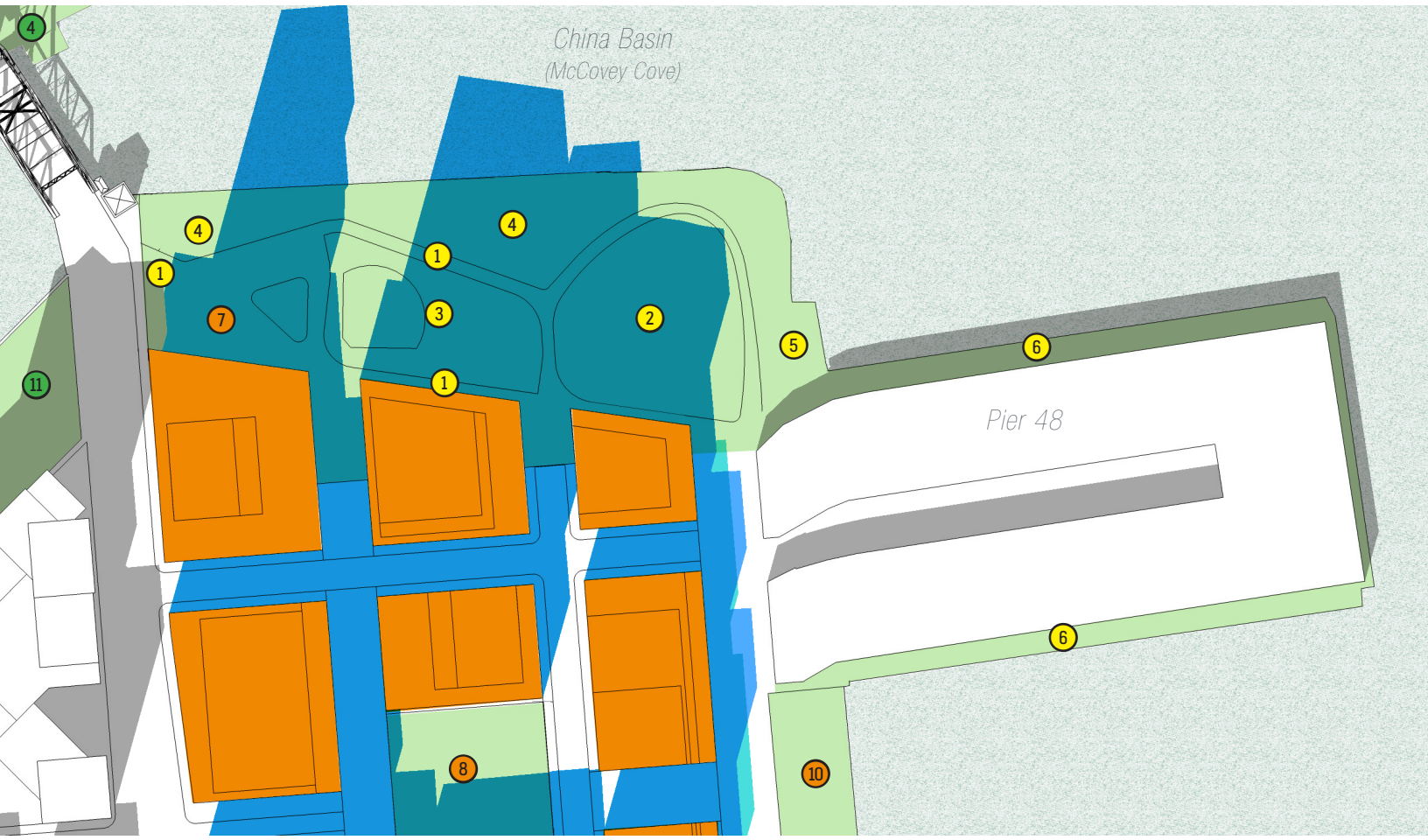
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.21 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

1:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

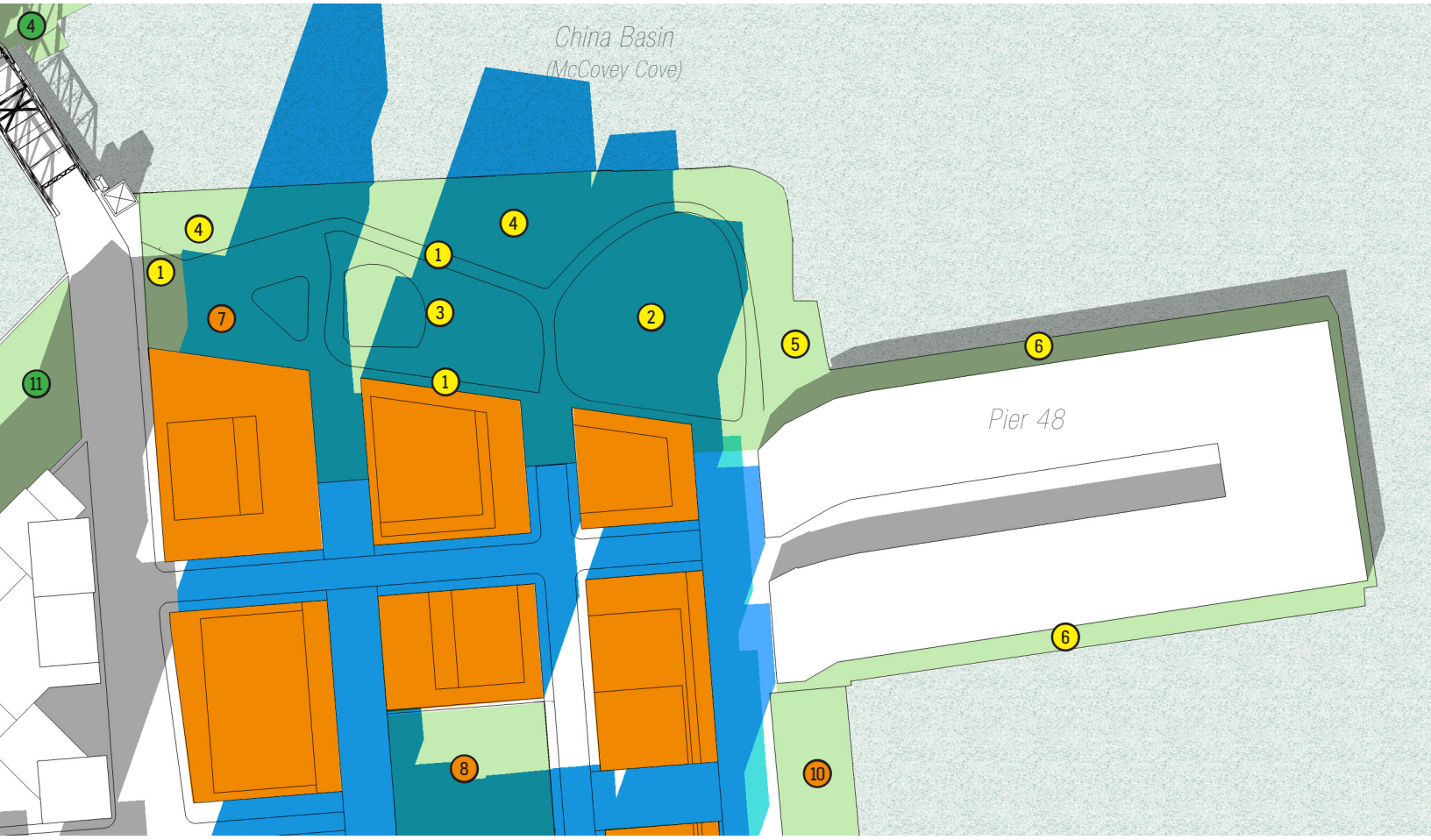
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.22 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

1:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

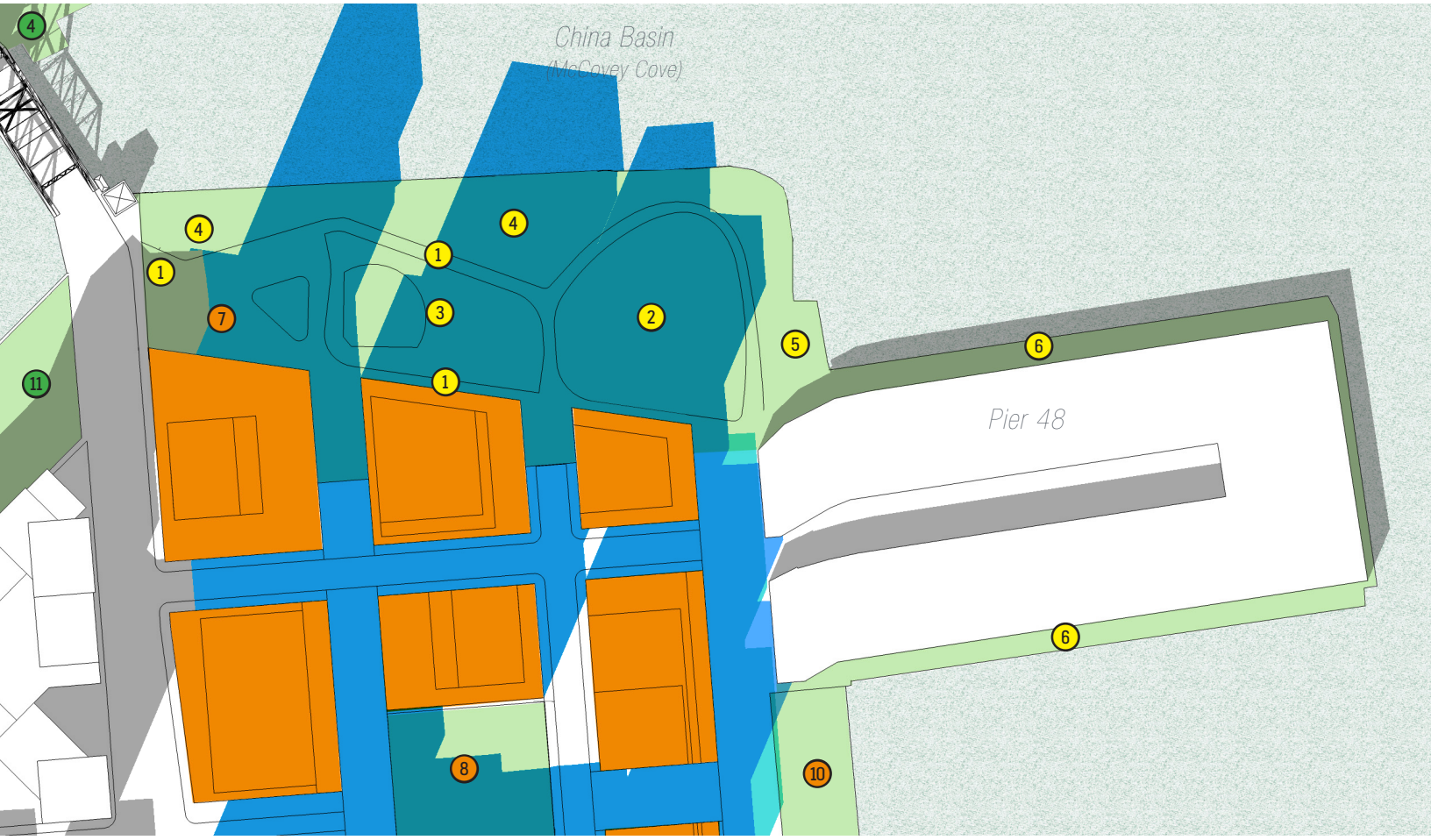
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.23 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

1:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

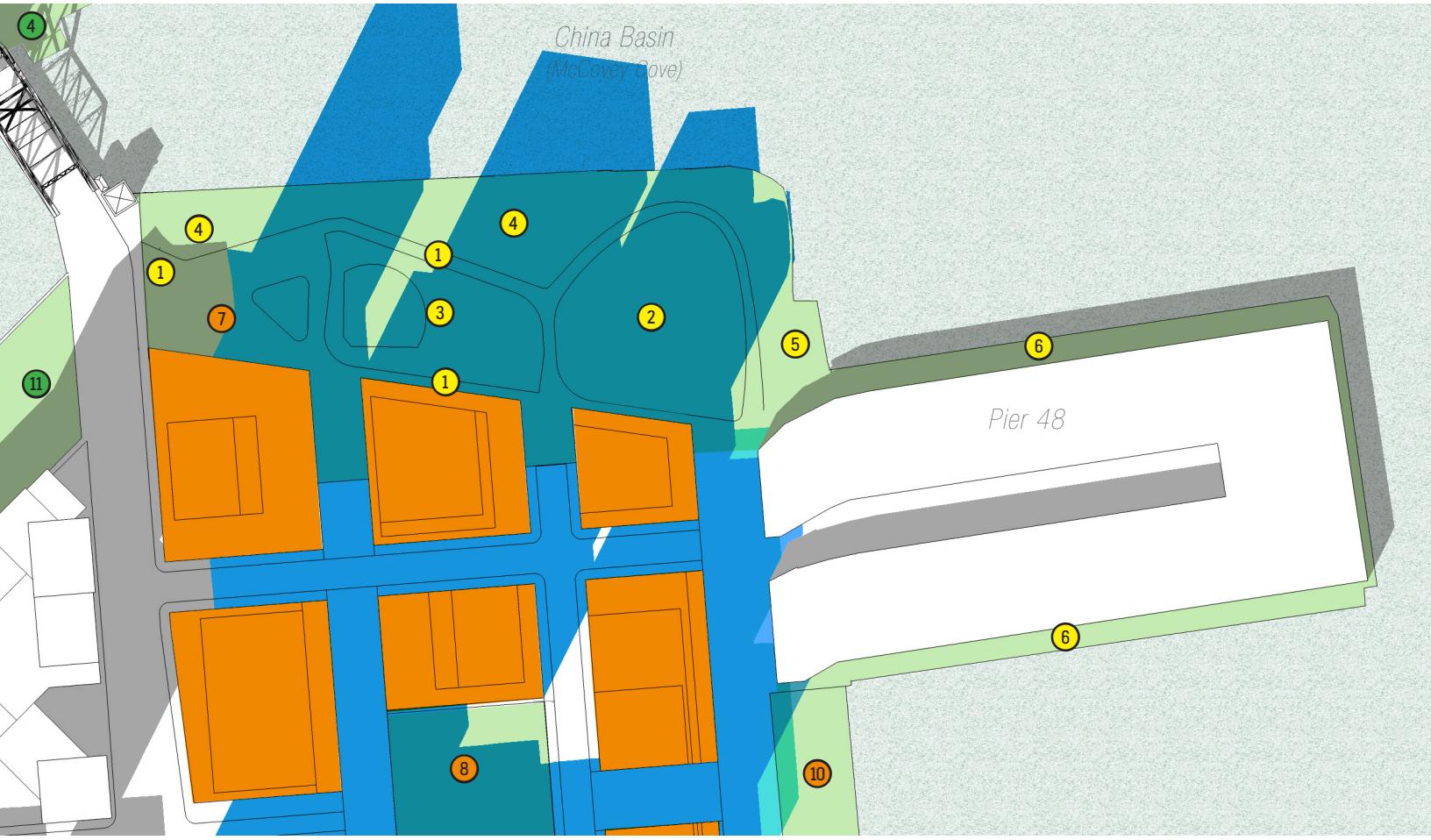
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.24 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

1:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

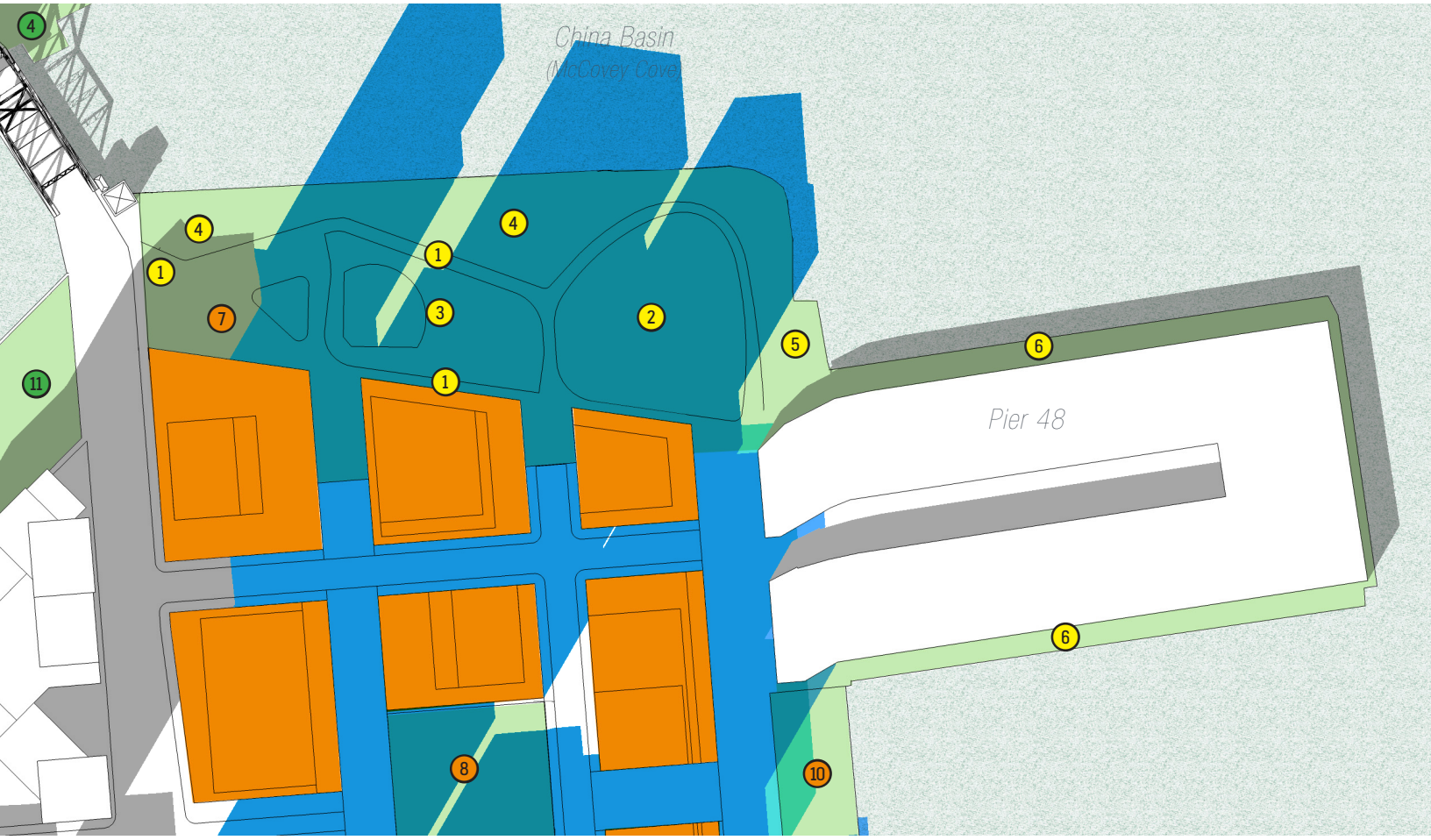
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.25 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

2:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

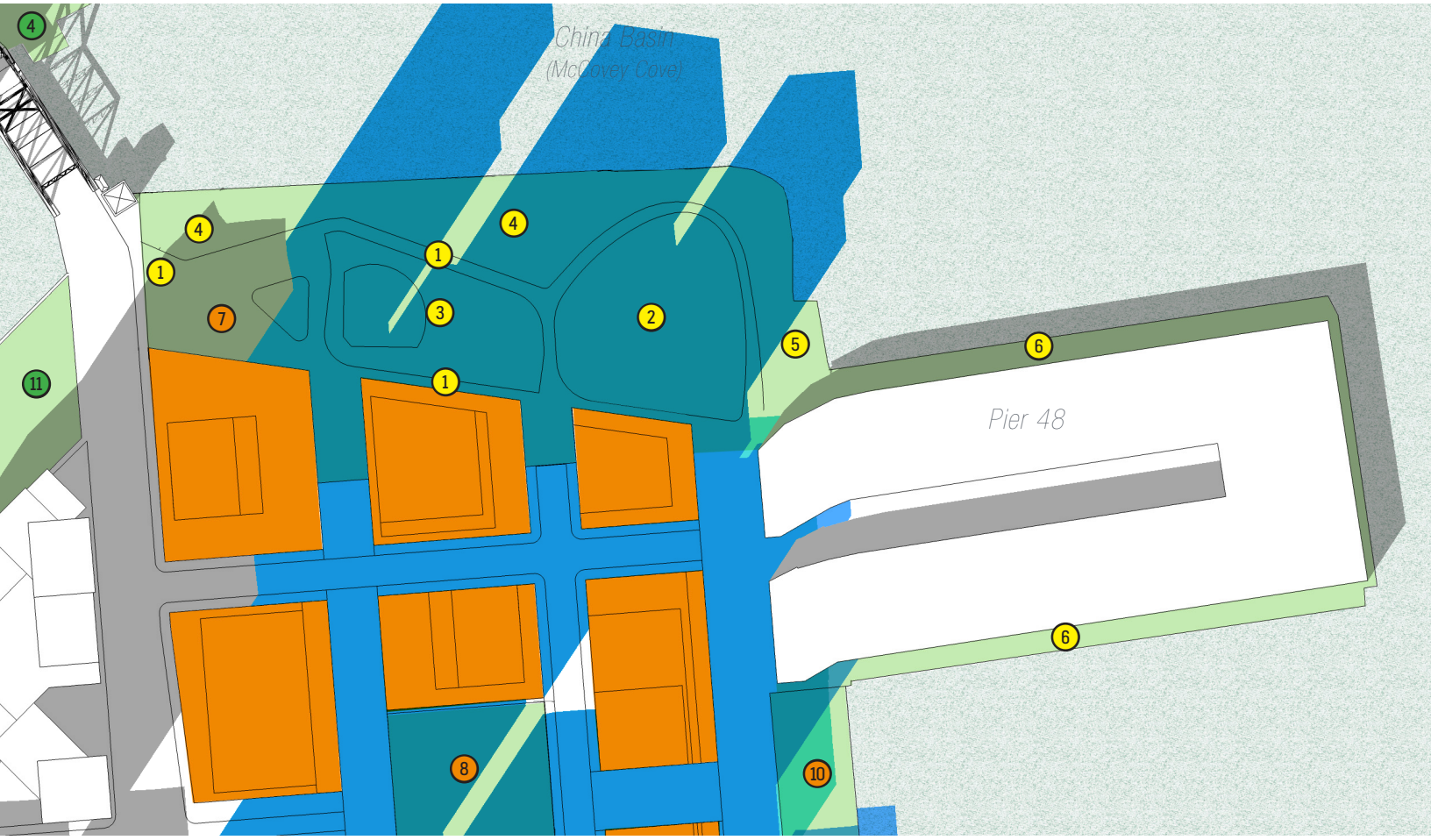
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.26 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

2:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

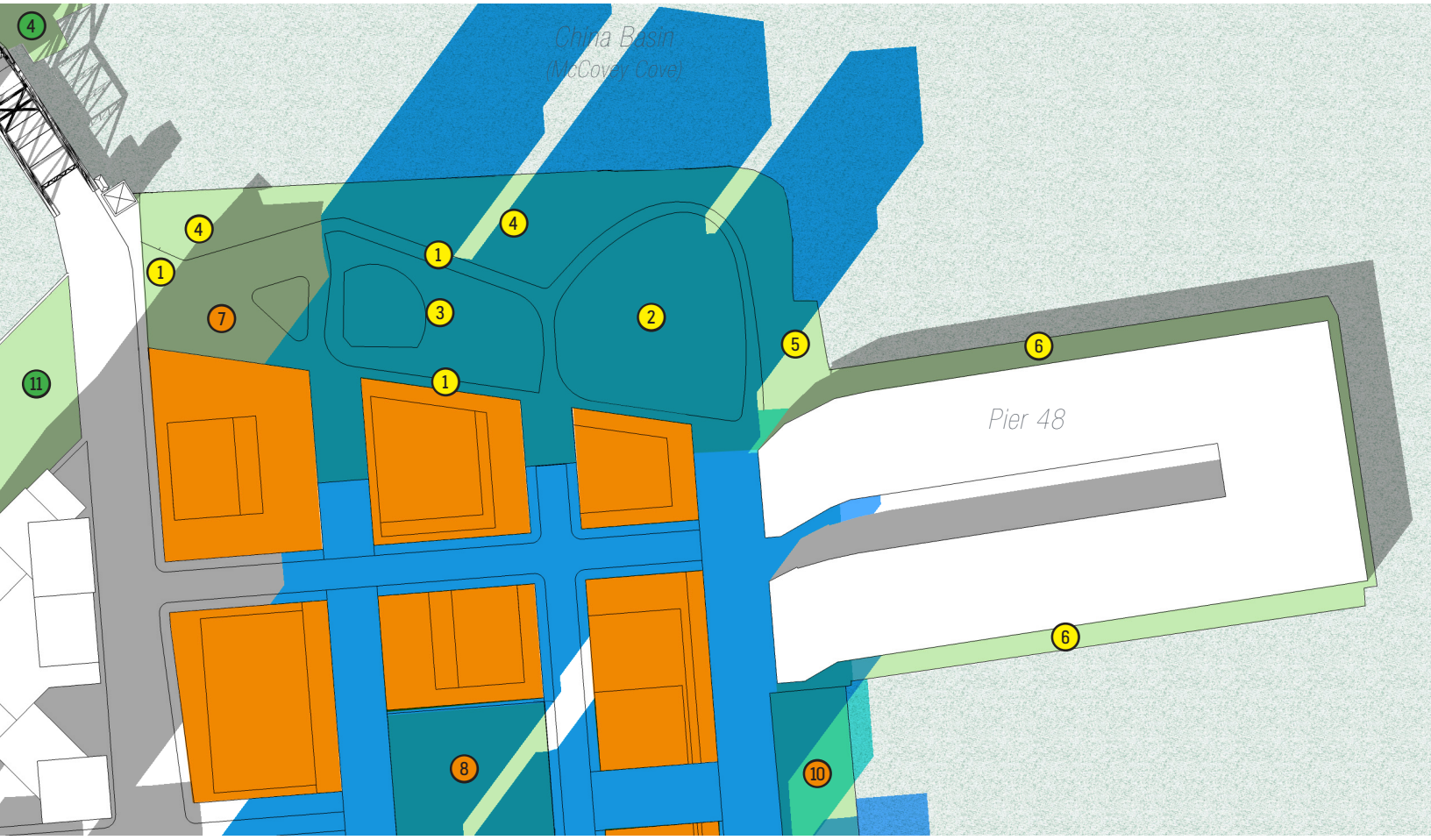
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.27 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

2:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

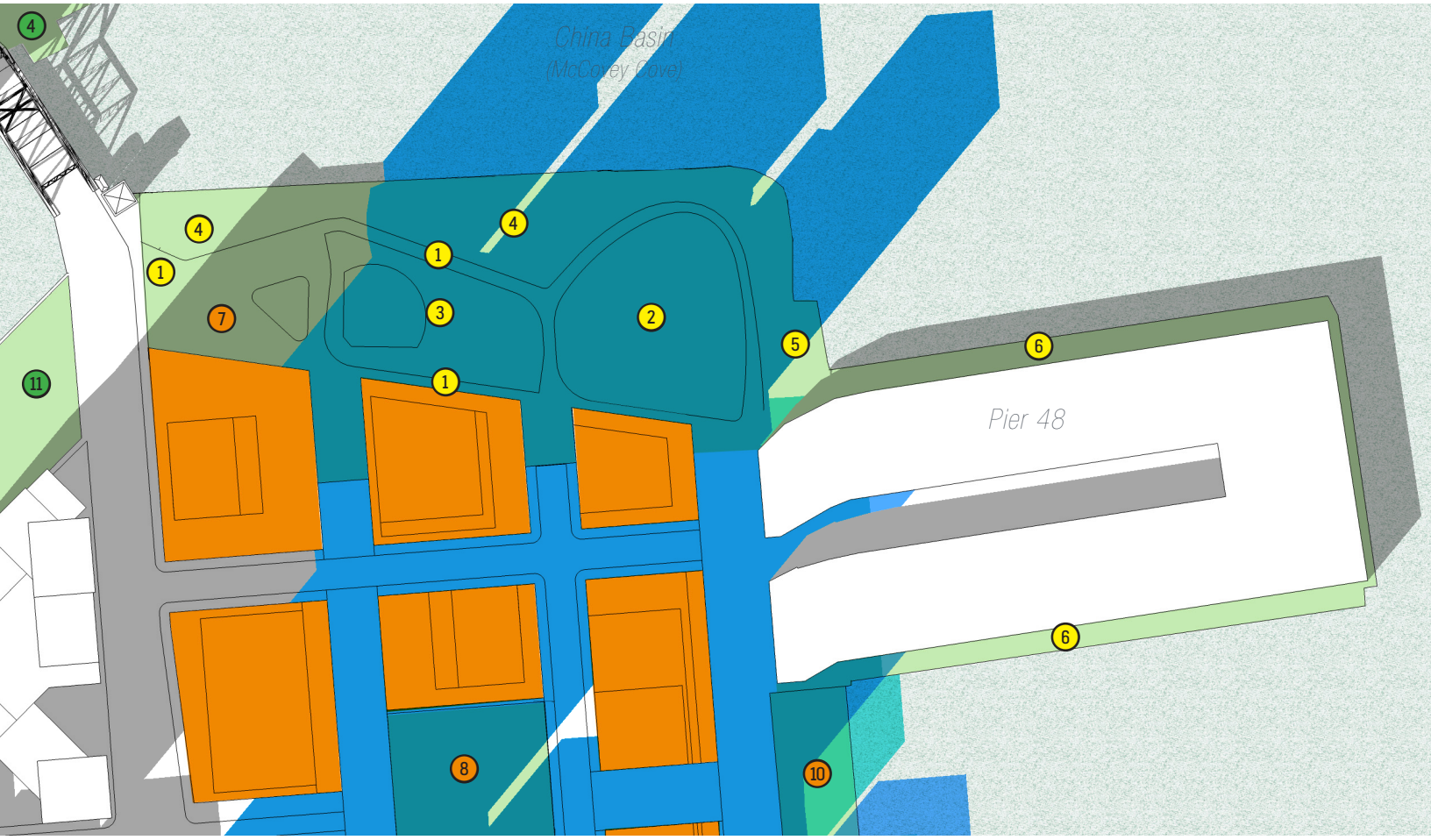
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.28 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

2:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

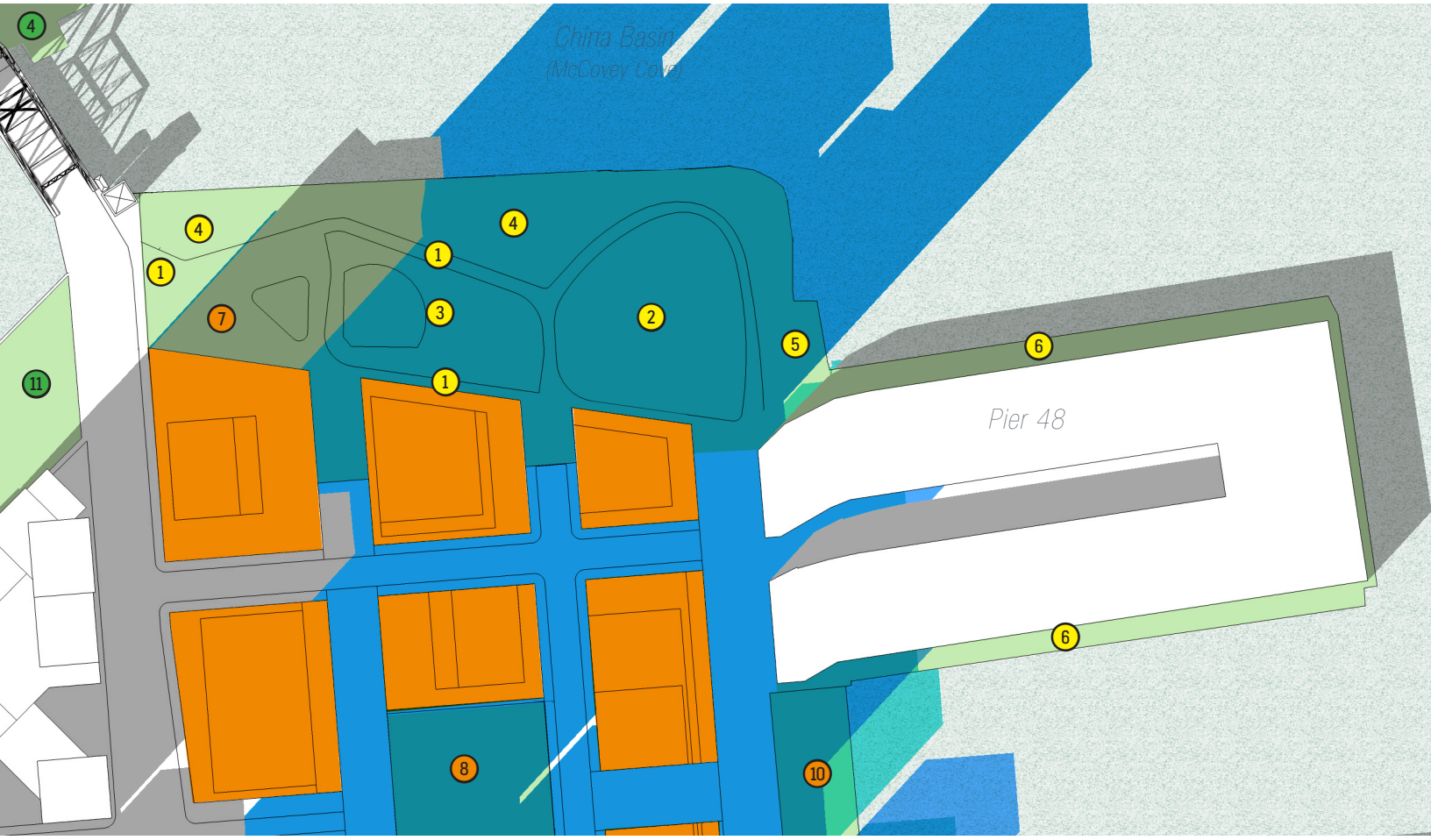
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.29 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

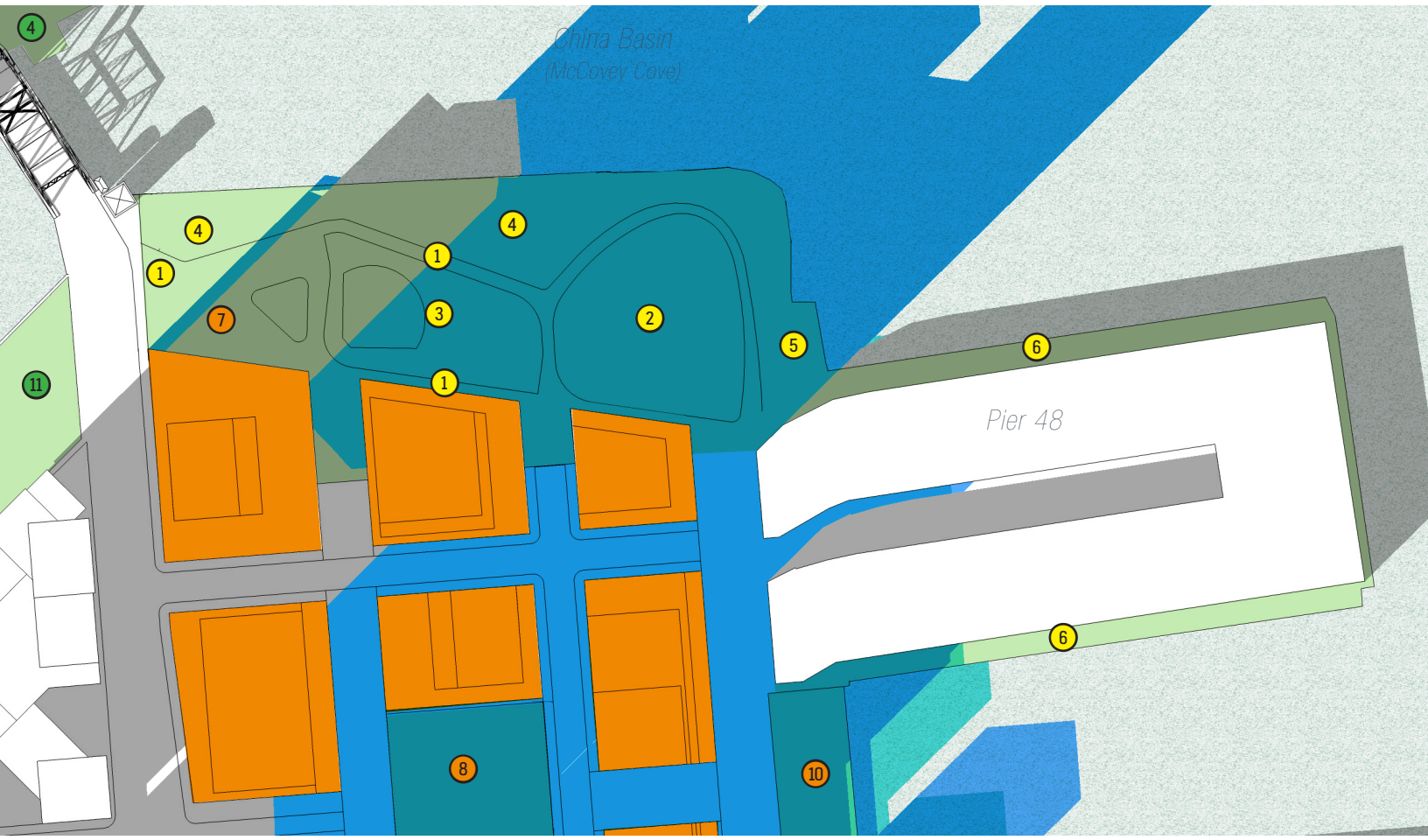
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.30 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

3:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

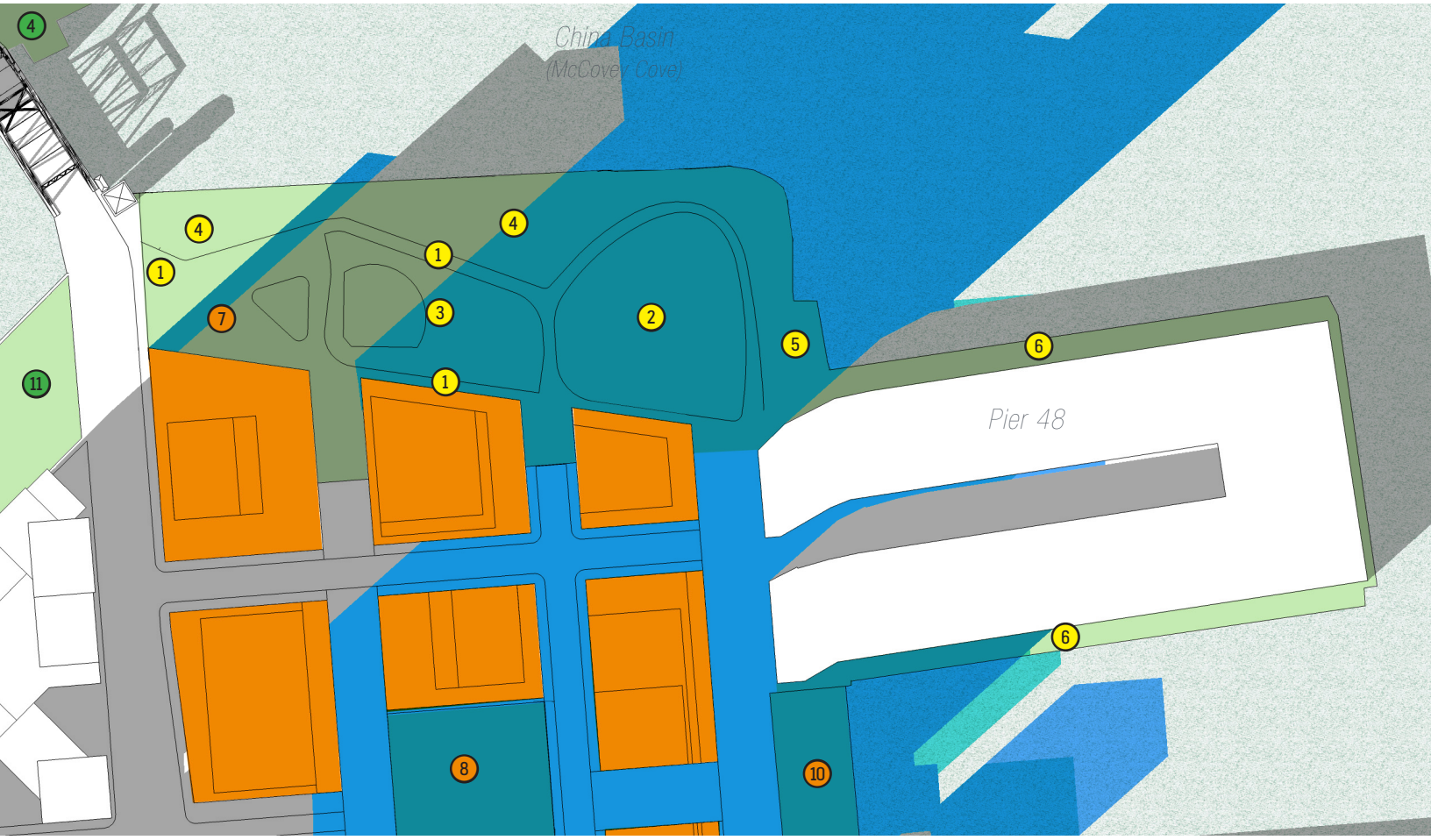
**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.31 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

3:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.32 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

3:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

H1.33 EXPANDED CHINA BASIN PARK SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 6

3:51 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 4 AT&T Park Plaza
- 7 New China Basin Park*
- 8 Mission Rock Square (MB2)*
- 10 Channel Wharf (MB3)*
- 11 Mission Creek Park South (P3)*

**under construction / proposed*

Expanded China Basin Park Key:

1. Walkways
2. Great Lawn
3. Play Areas
4. Rain Gardens
5. Picnic Area
6. Pier 48 Apron

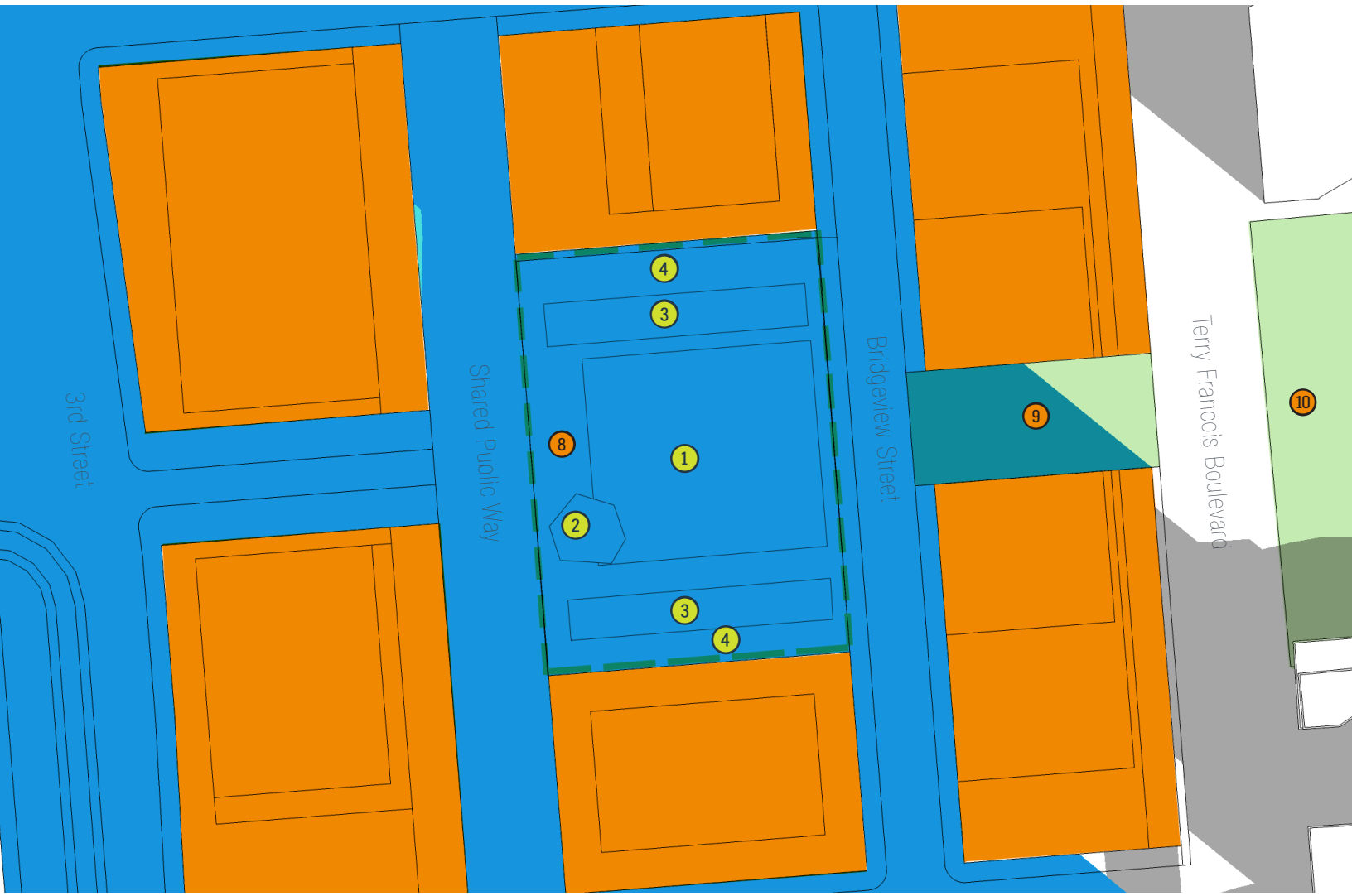
EXHIBIT J: SHADOW DIAGRAMS ON MISSION ROCK SQUARE (PROPOSED BY PROJECT)

J1: Shadow Diagrams on Day of Maximum Shading

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset + at 15 minute intervals when new shading is present in the open space..

J1.1 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

8:19 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

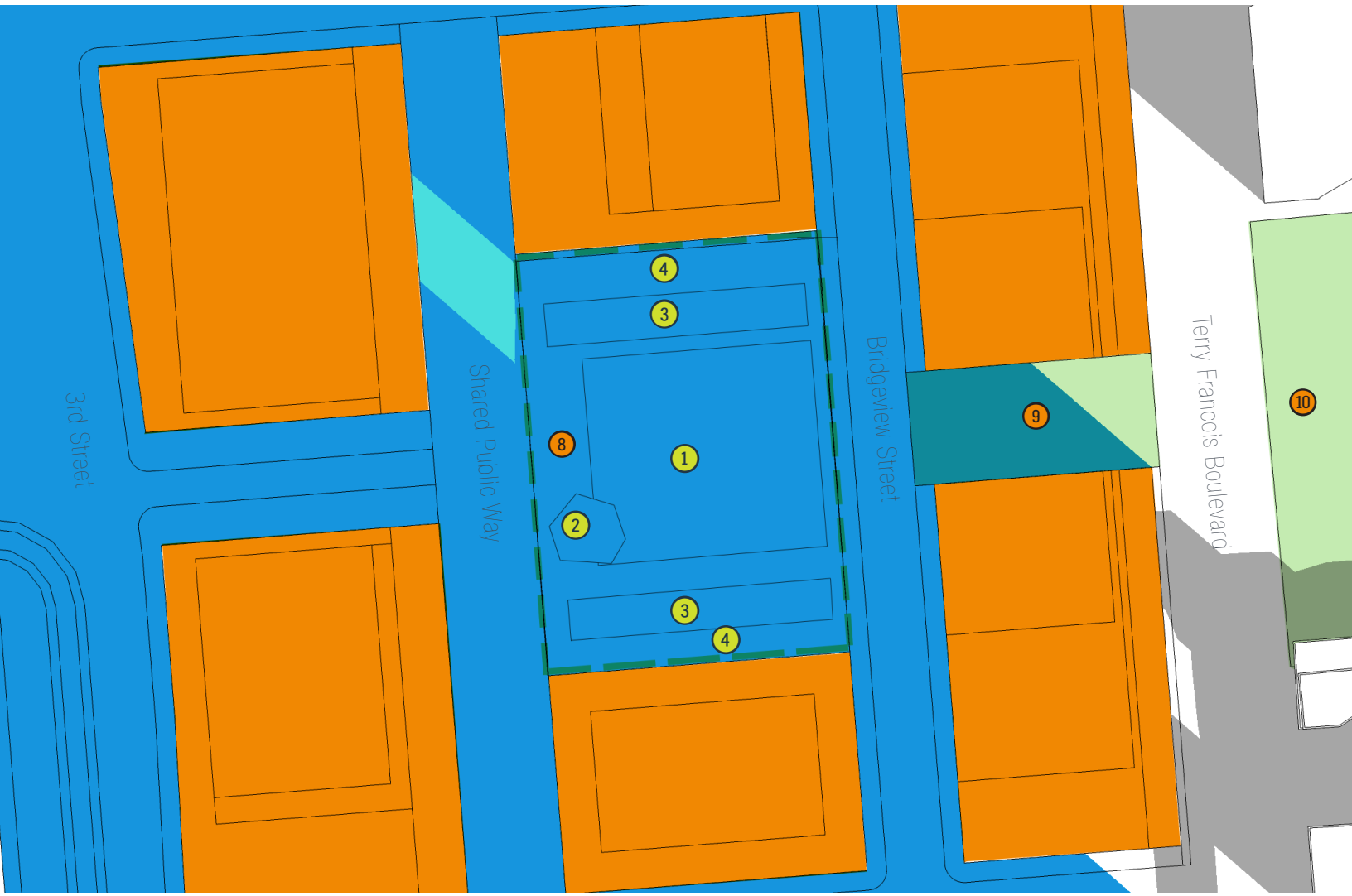
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.2 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

8:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

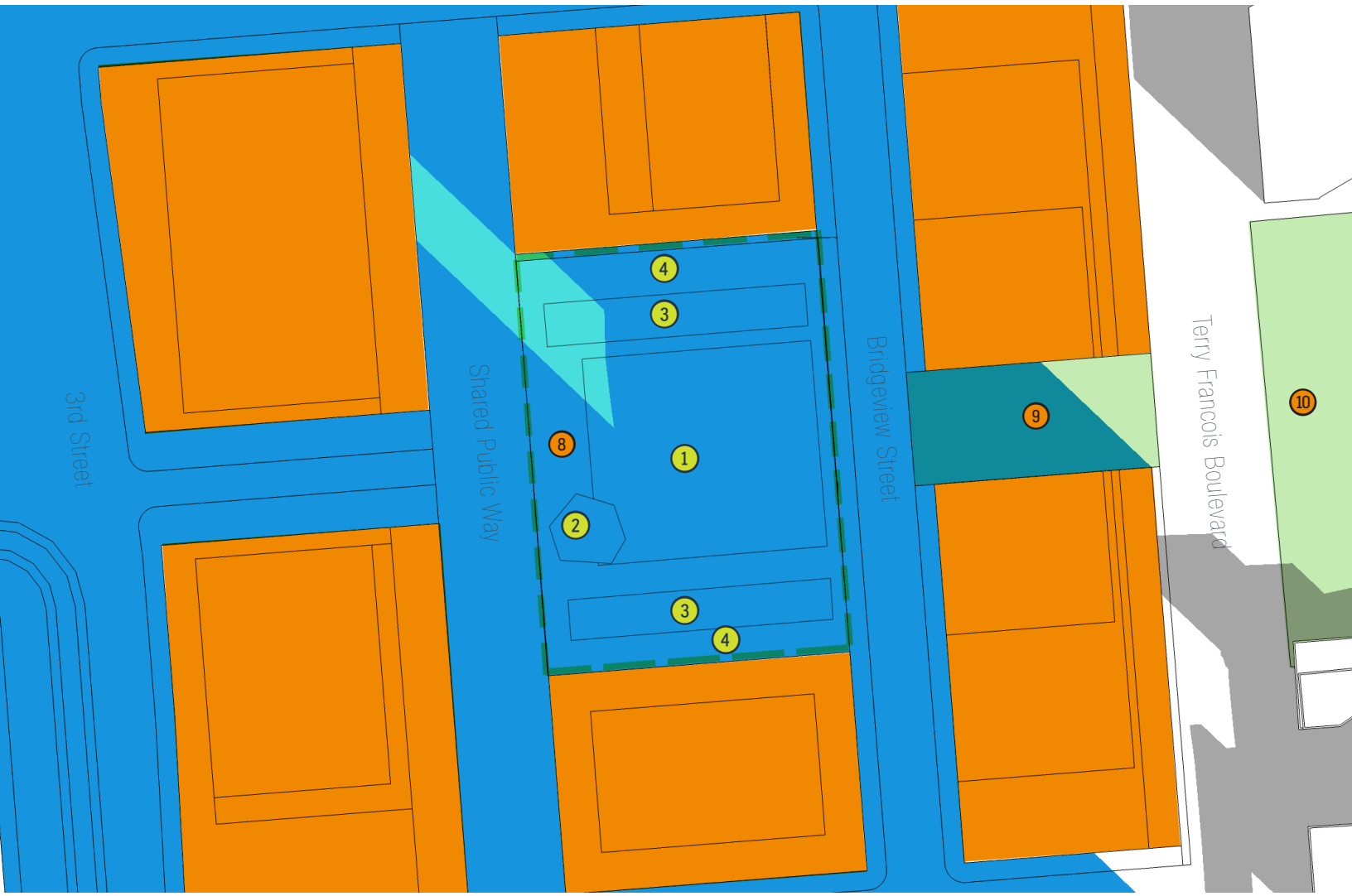
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.3 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

8:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

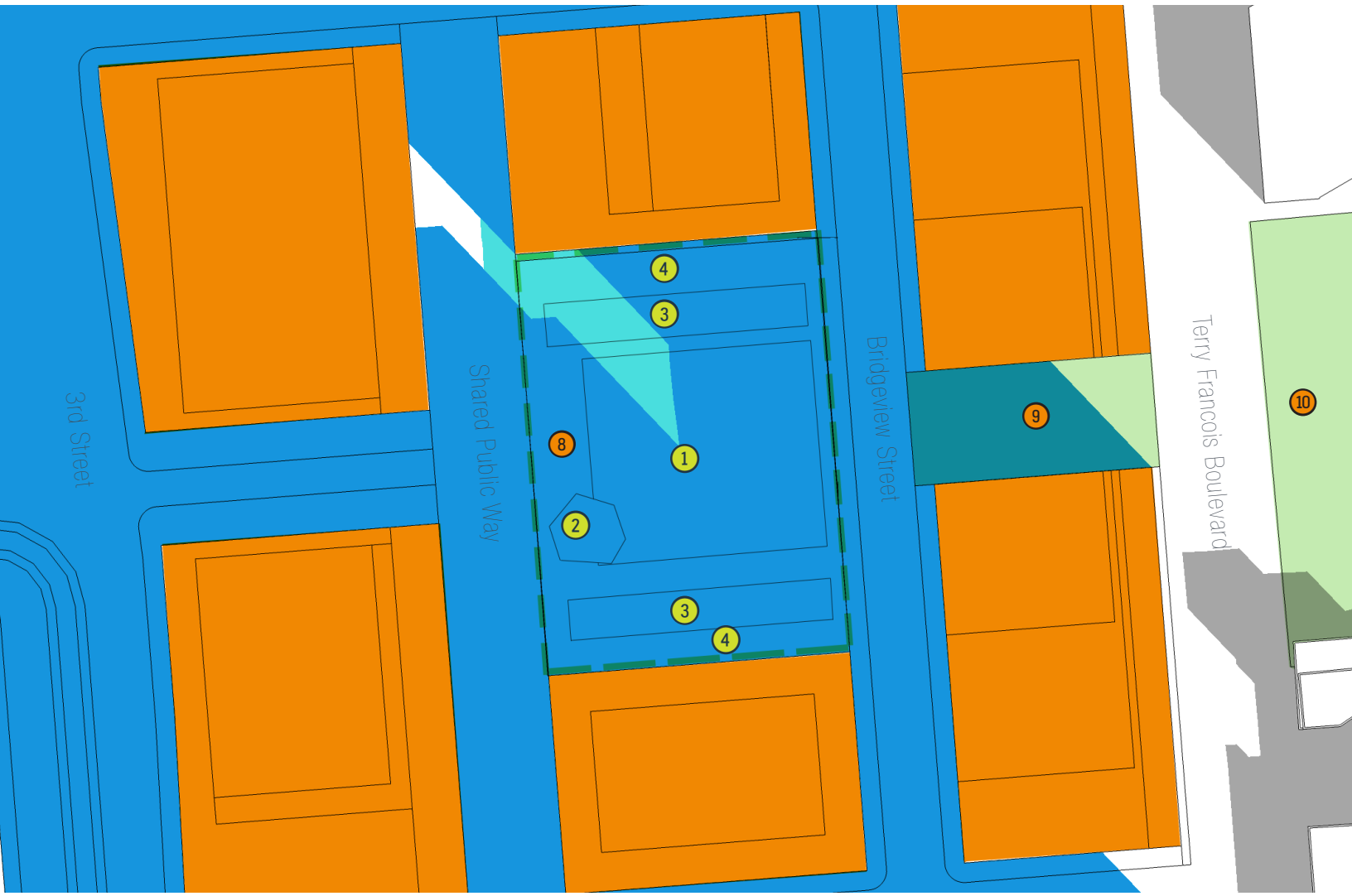
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.4 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

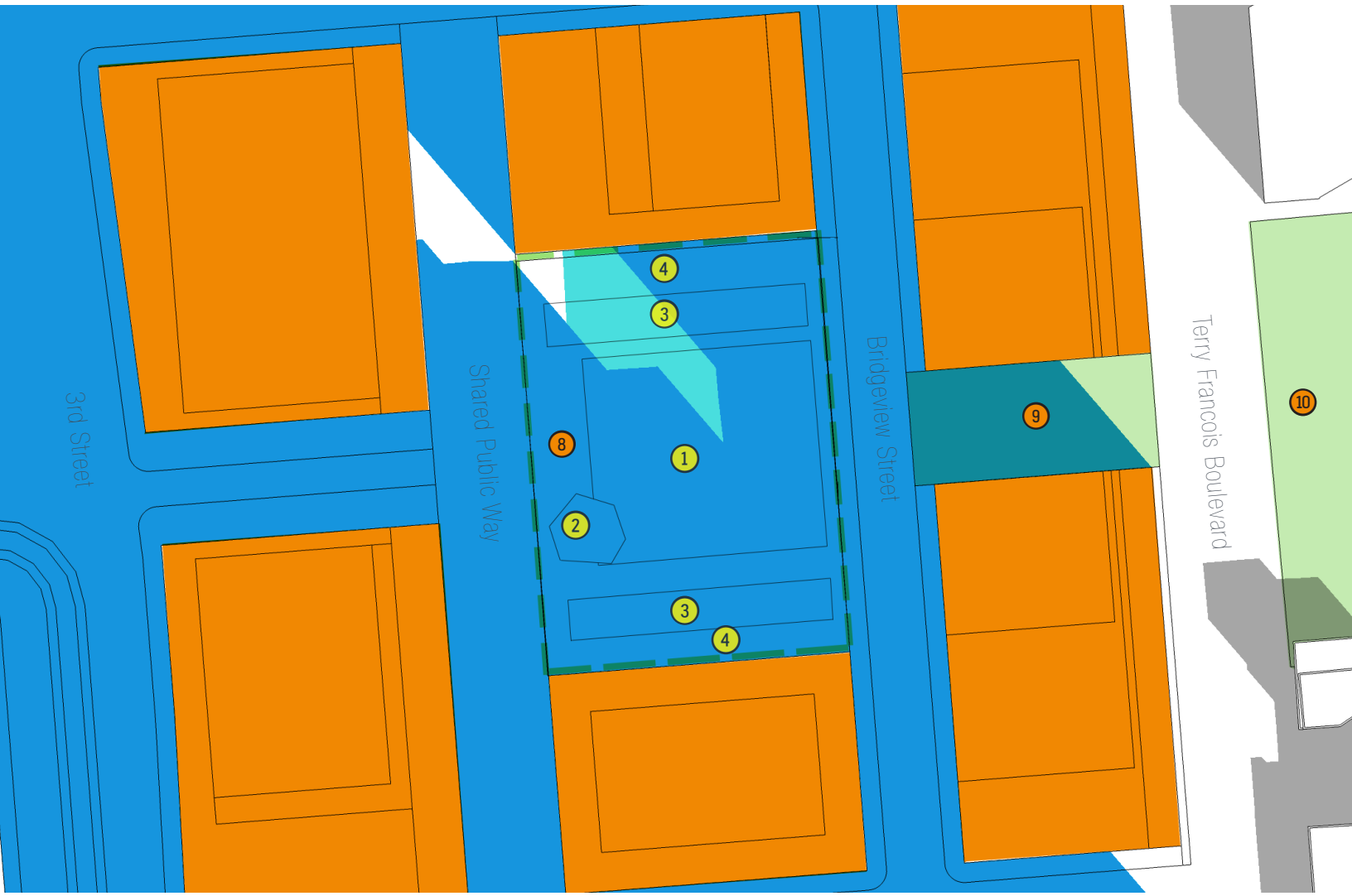
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.5 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

9:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

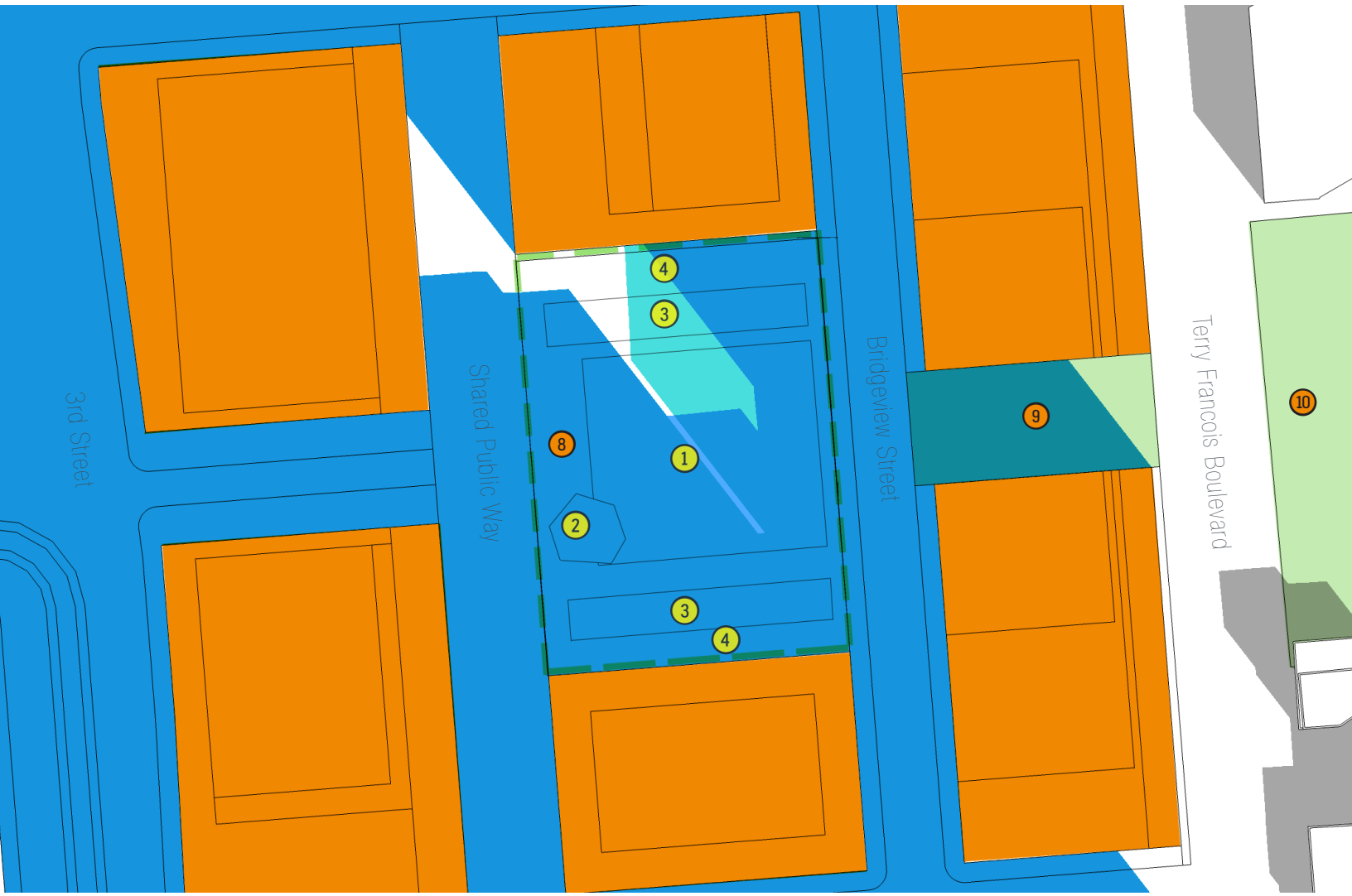
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.6 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

9:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

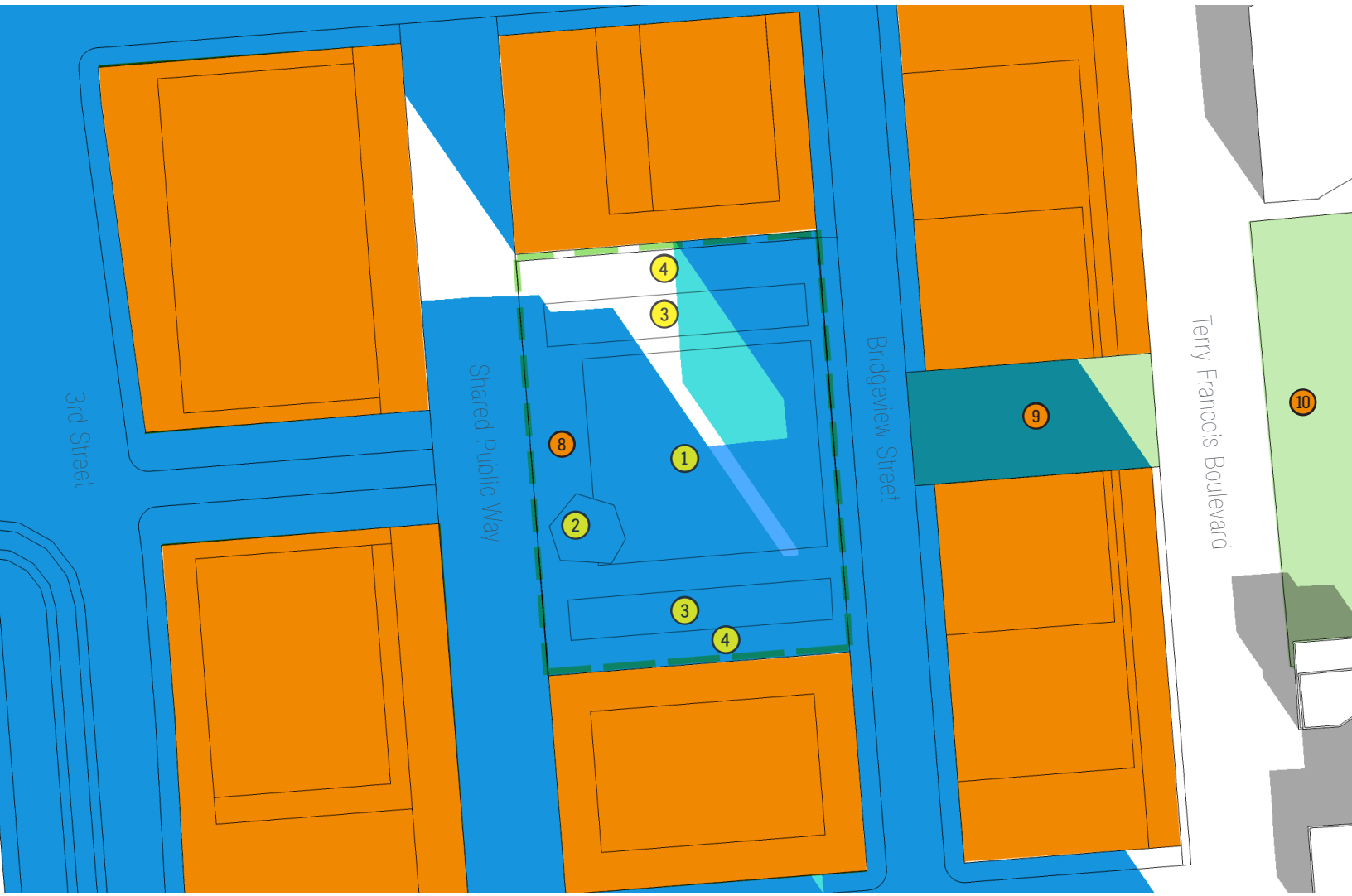
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.7 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

9:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

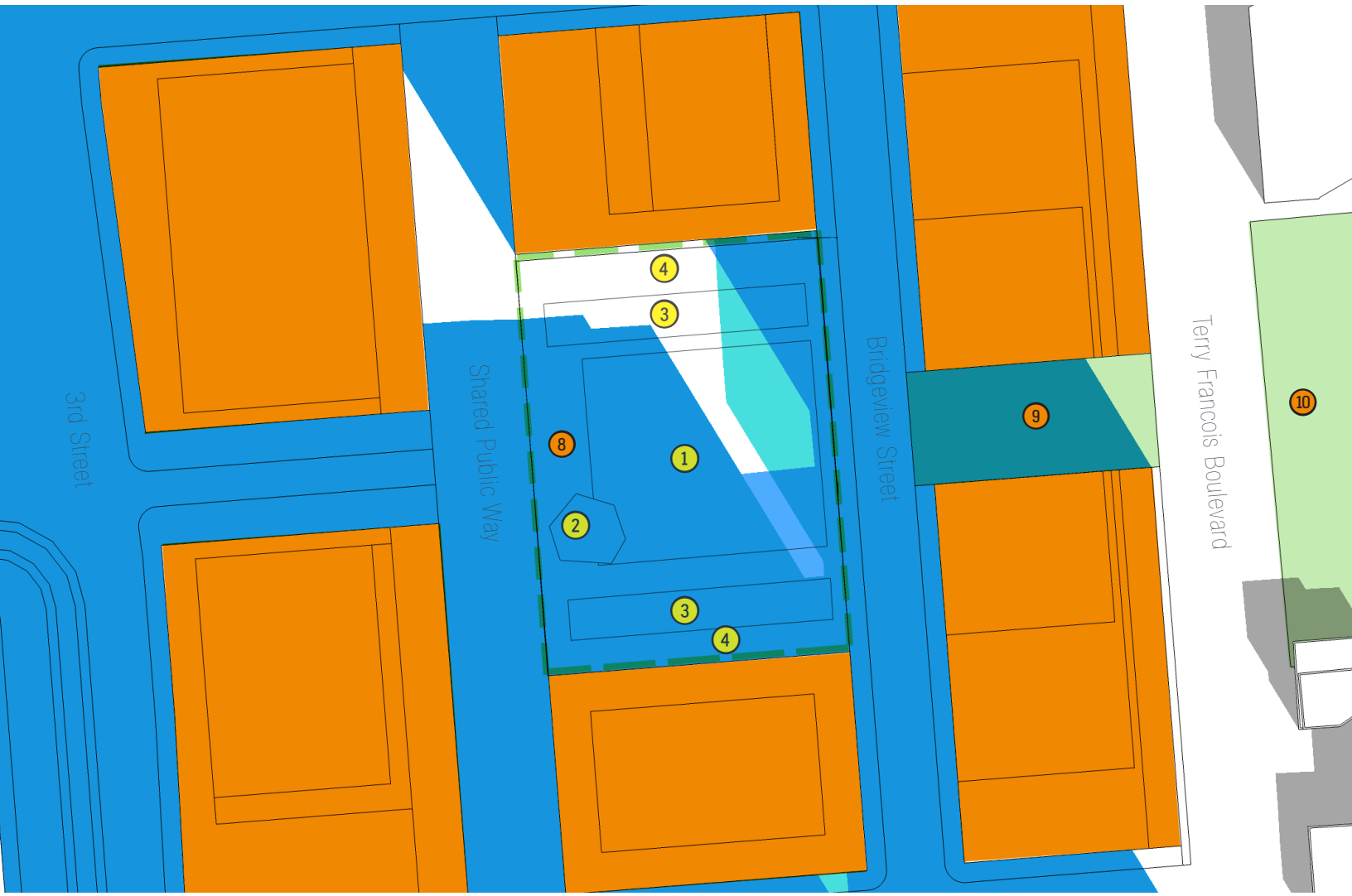
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.8 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

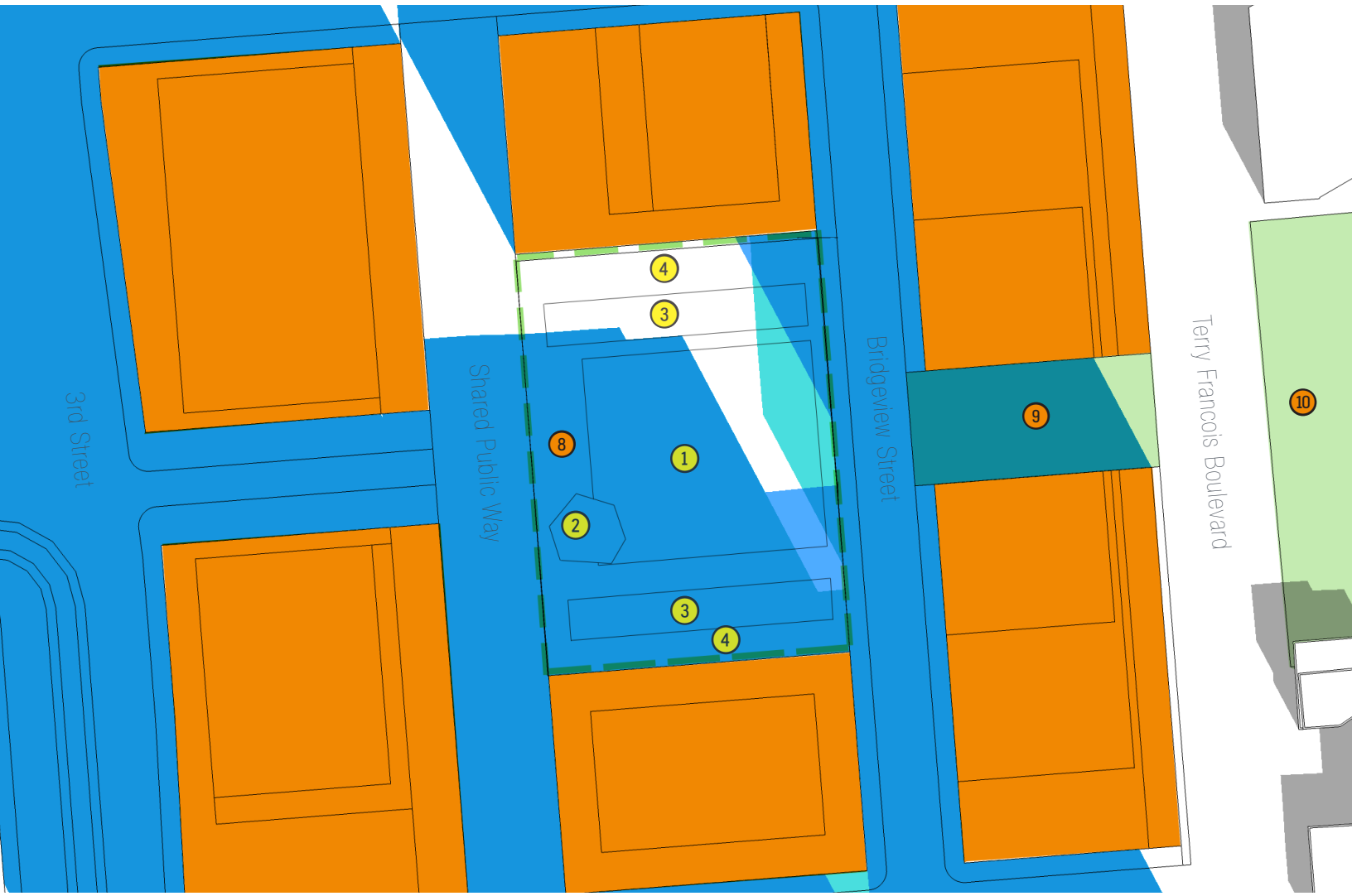
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.9 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

10:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

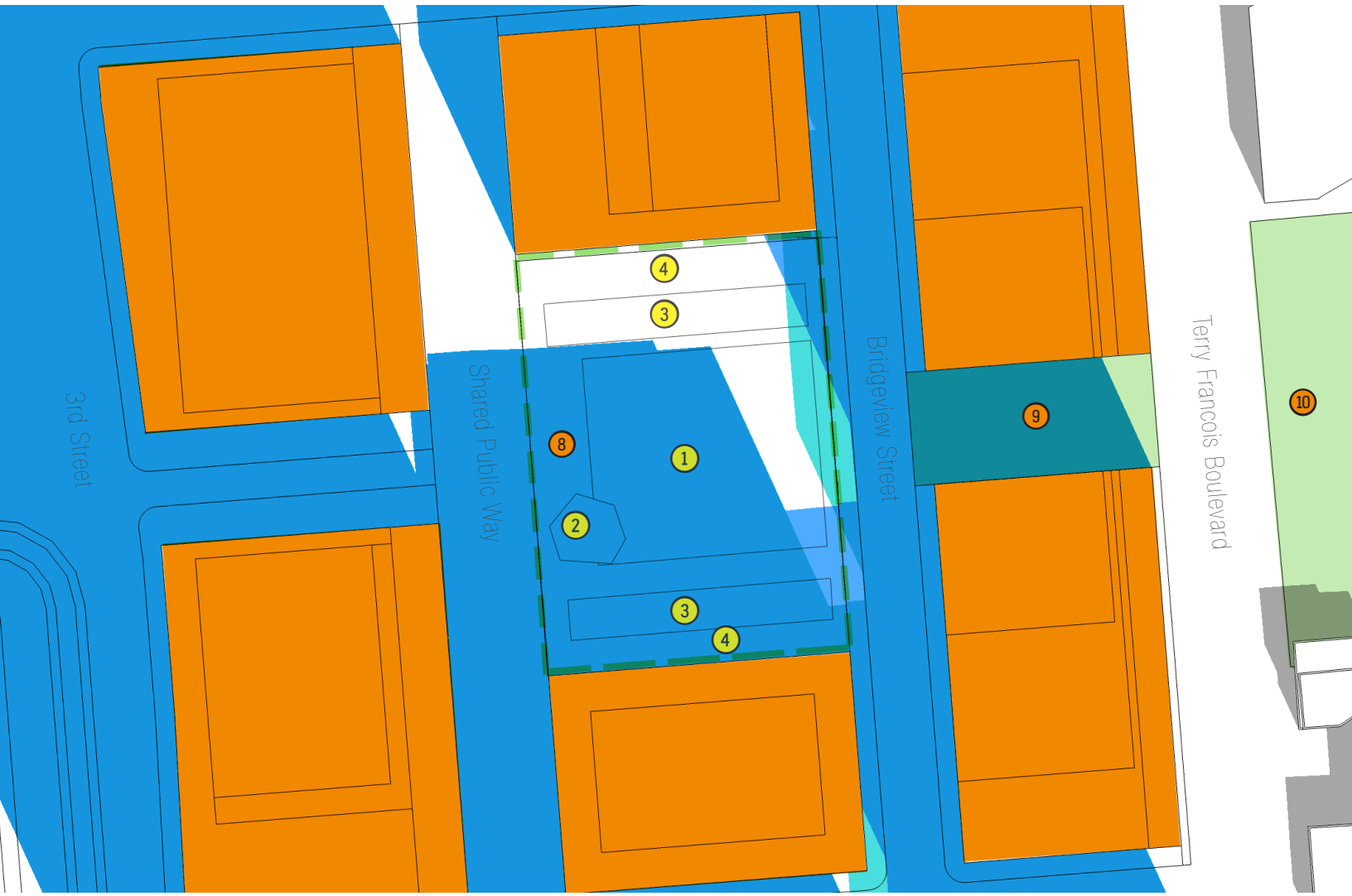
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.10 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

10:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

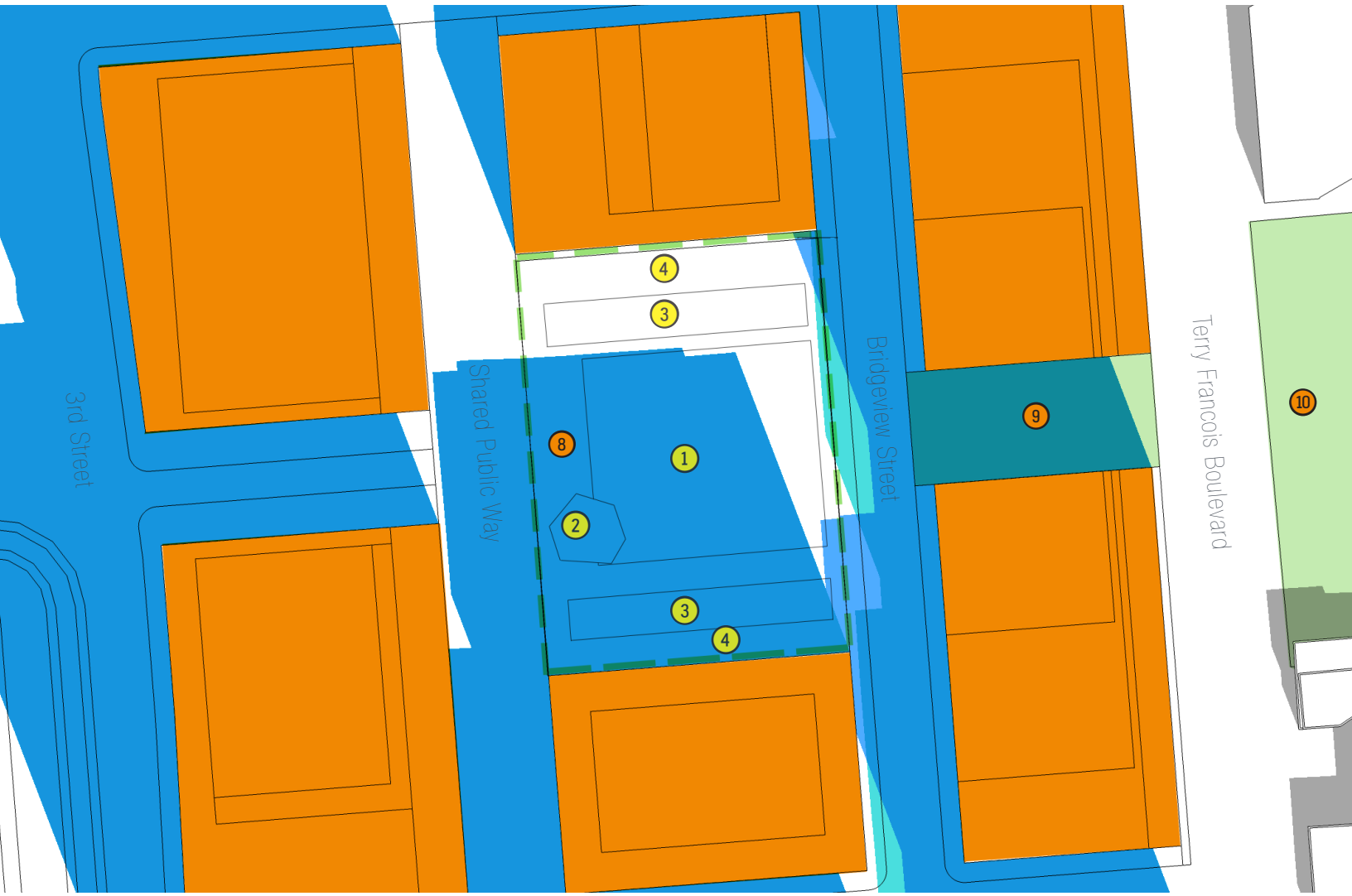
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.11 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

10:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

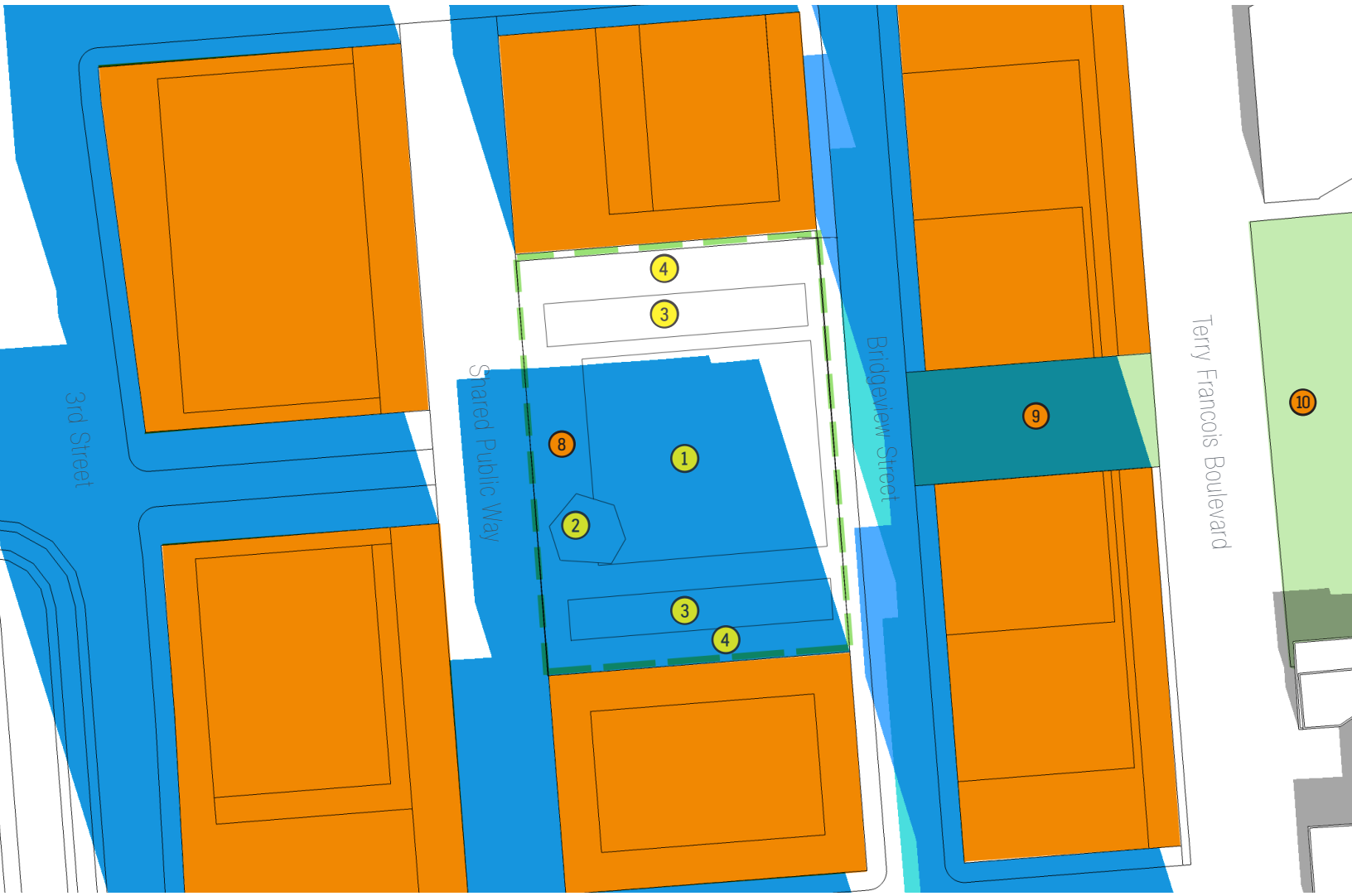
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.12 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

11:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

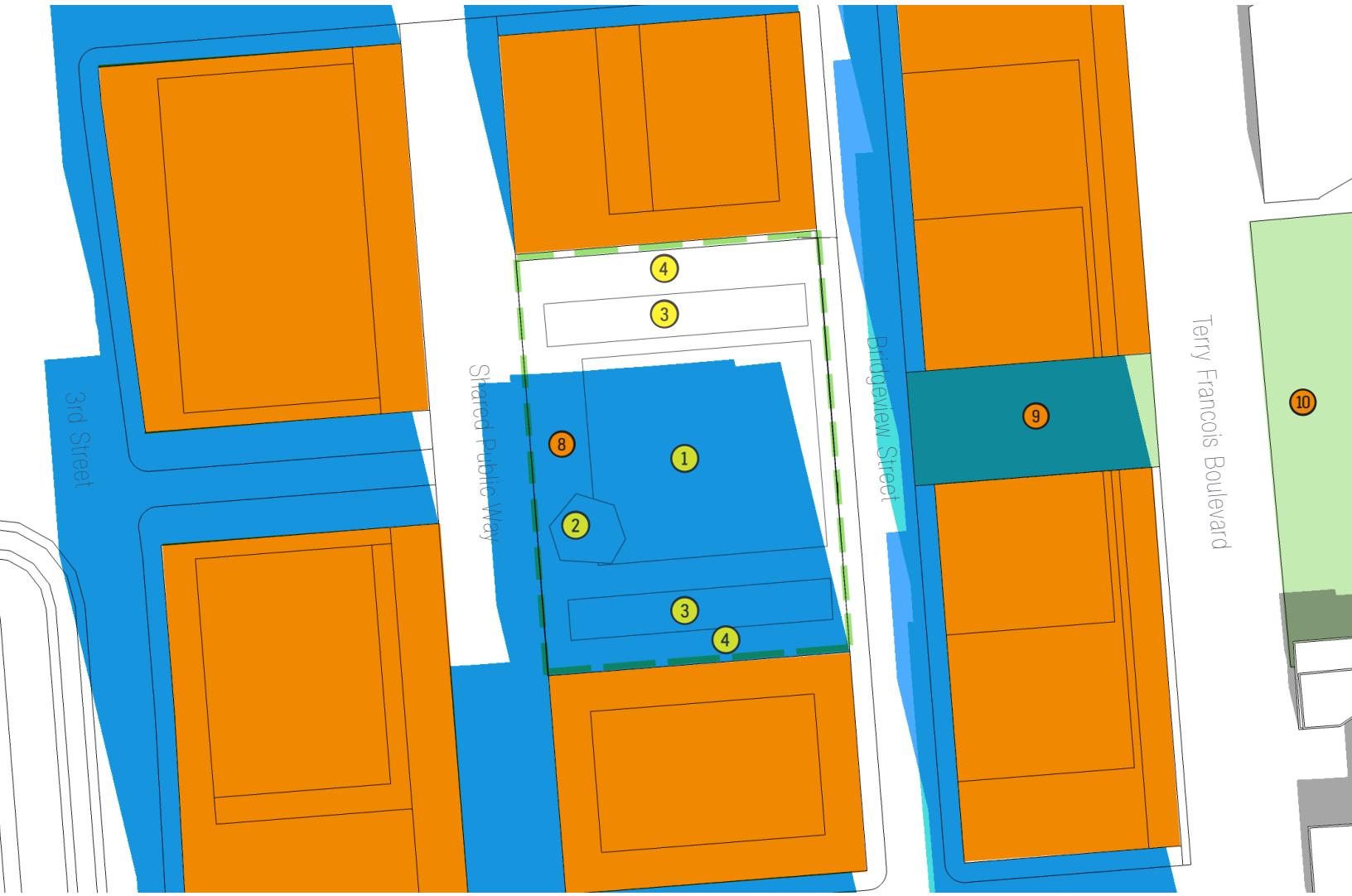
**under construction / proposed*

Mission Rock Square Key:

- 1 Central Event Space
- 2 Iconic Feature
- 3 Boardwalk / Seating
- 4 Active Retail Edge

J1.13 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

11:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

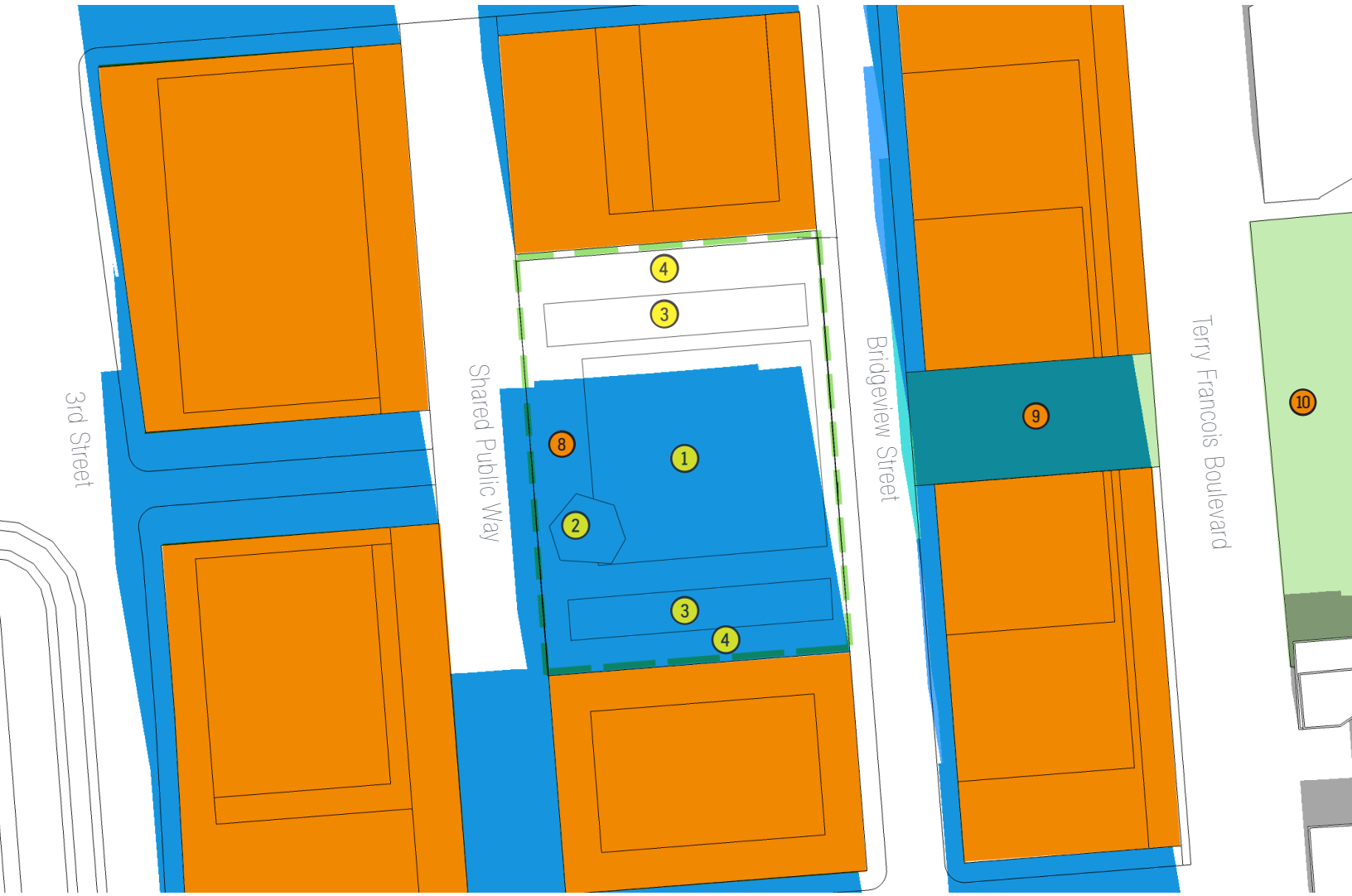
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.14 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

11:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

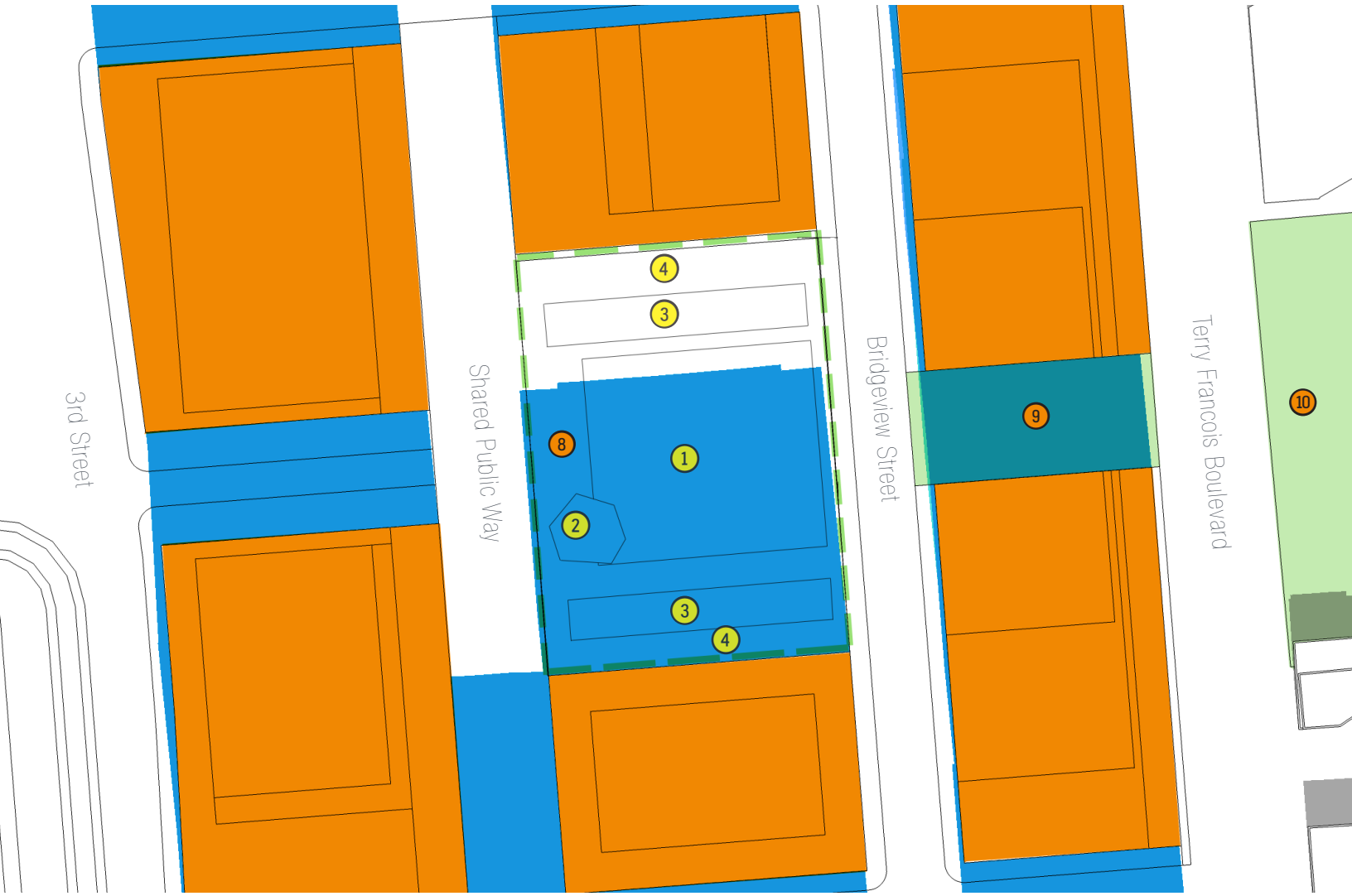
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.15 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

11:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

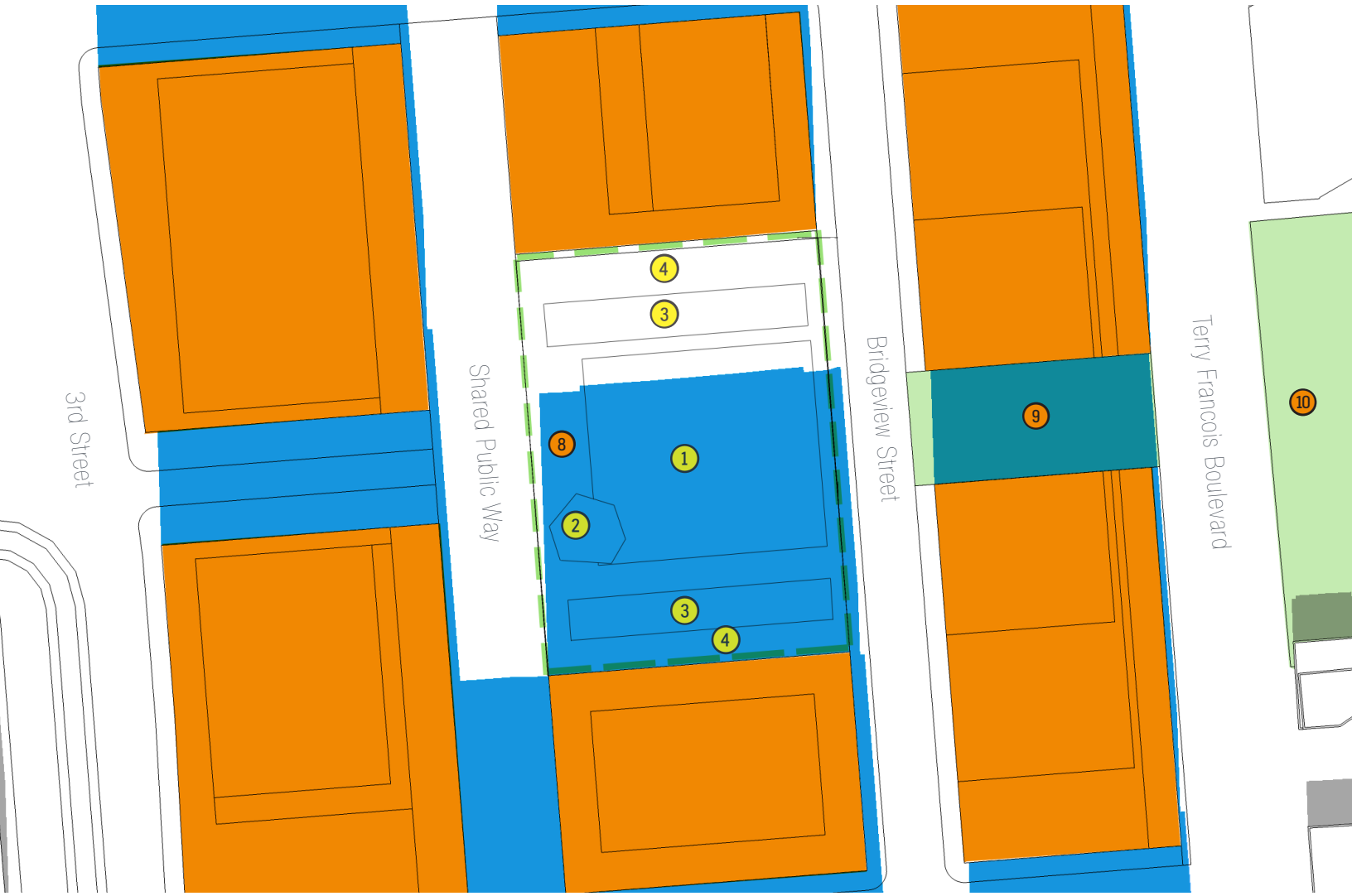
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.16 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

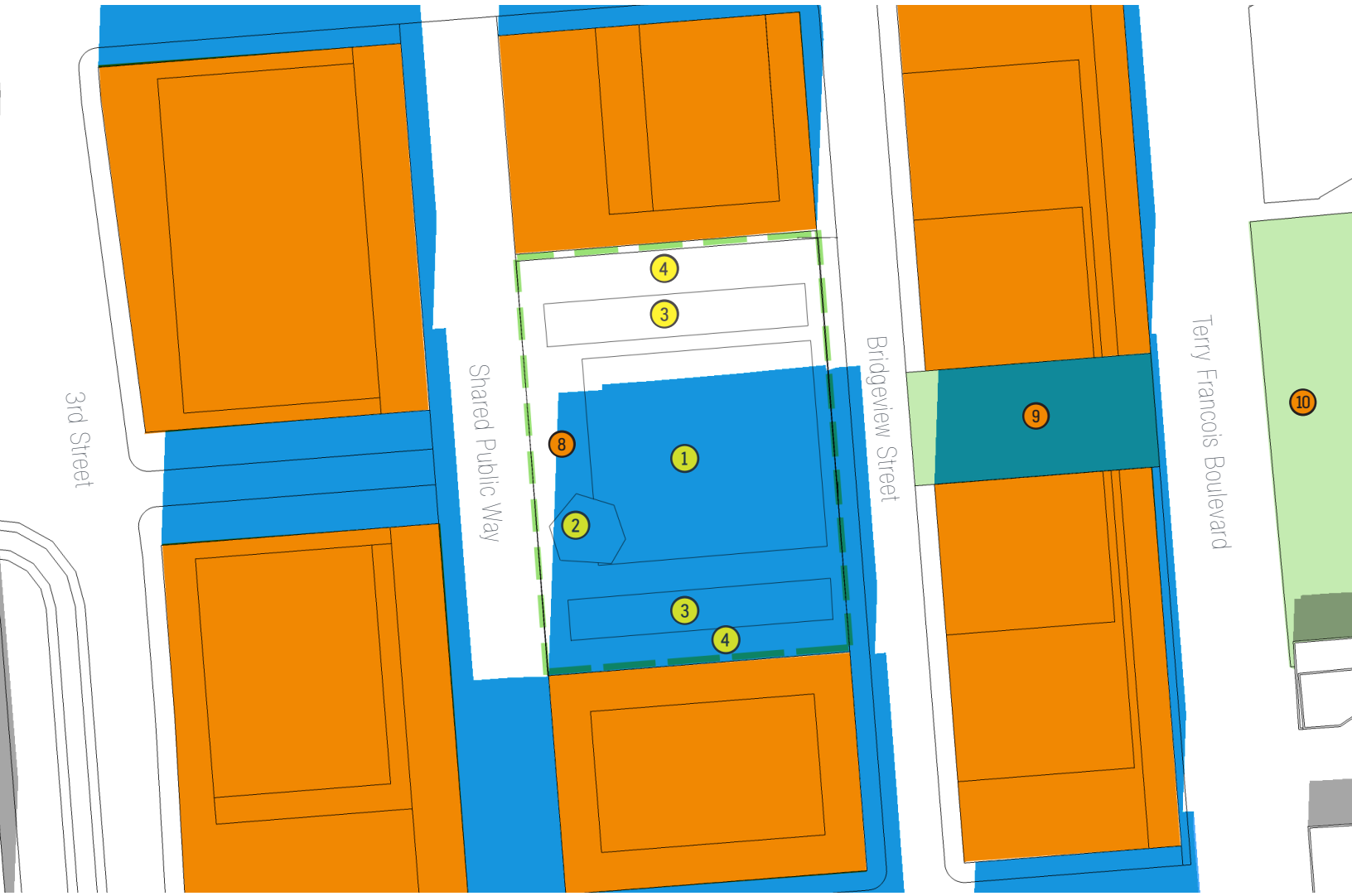
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.17 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

12:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

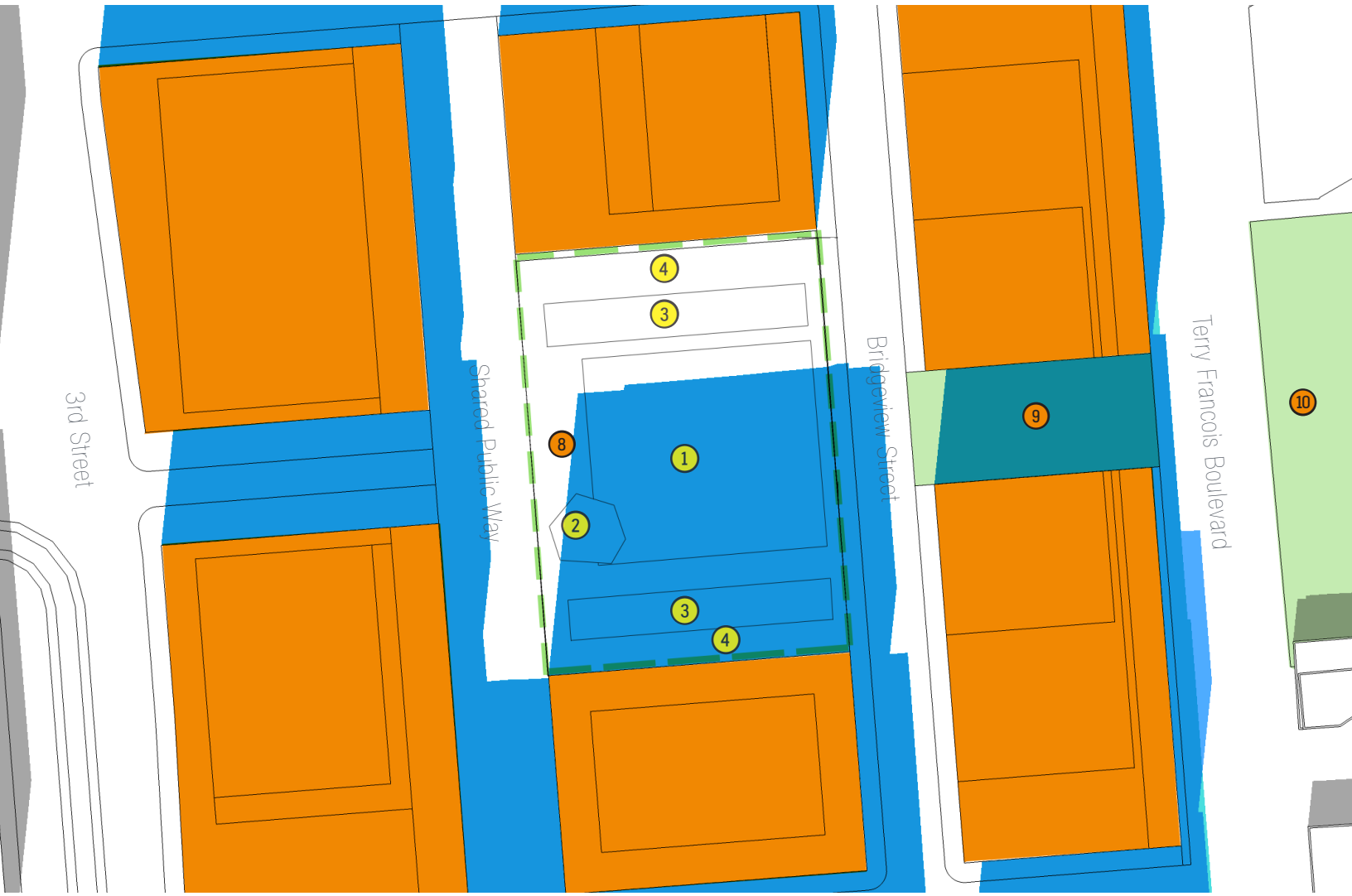
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.18 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

12:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

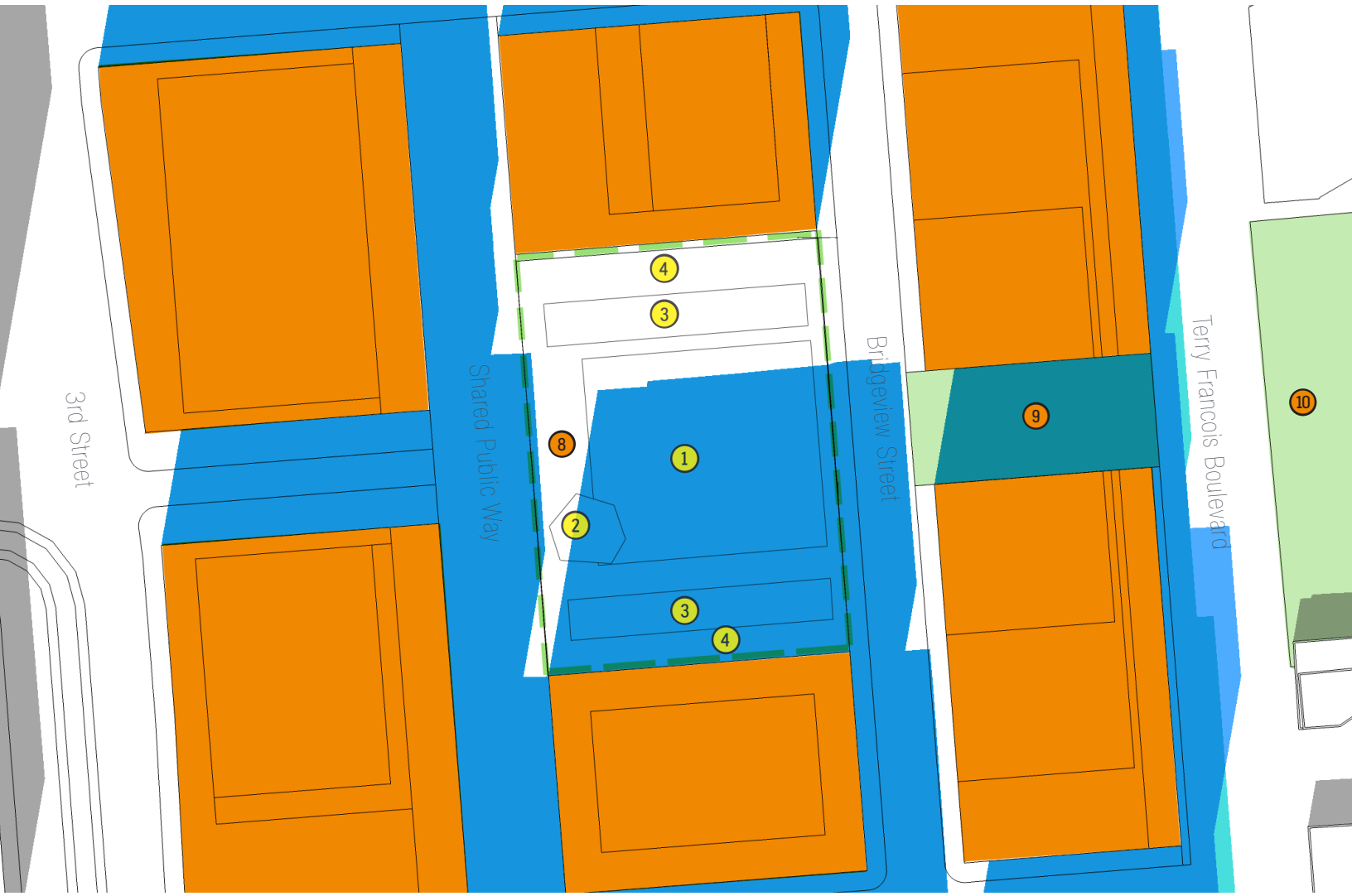
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.19 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

12:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

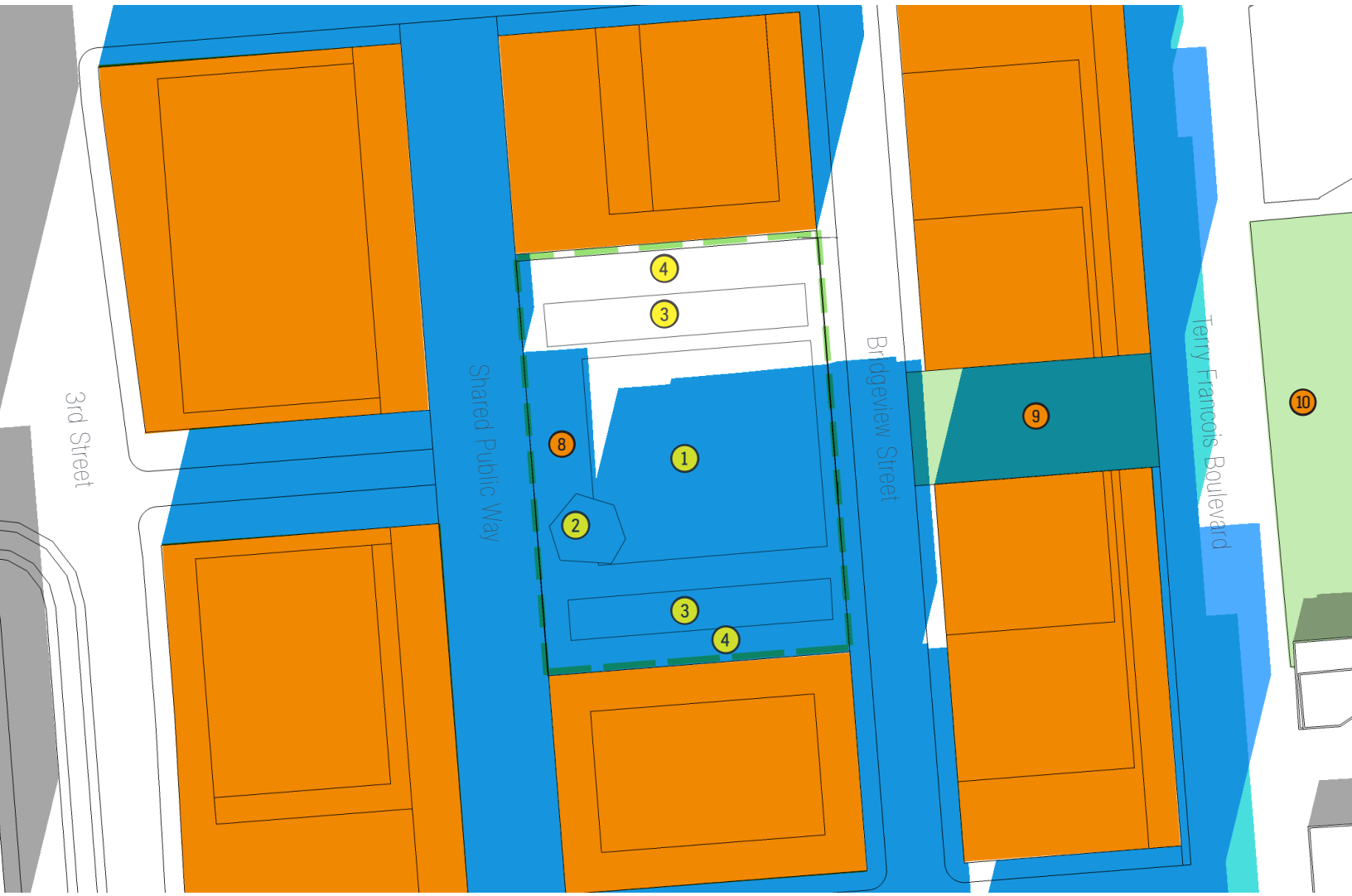
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.20 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

1:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

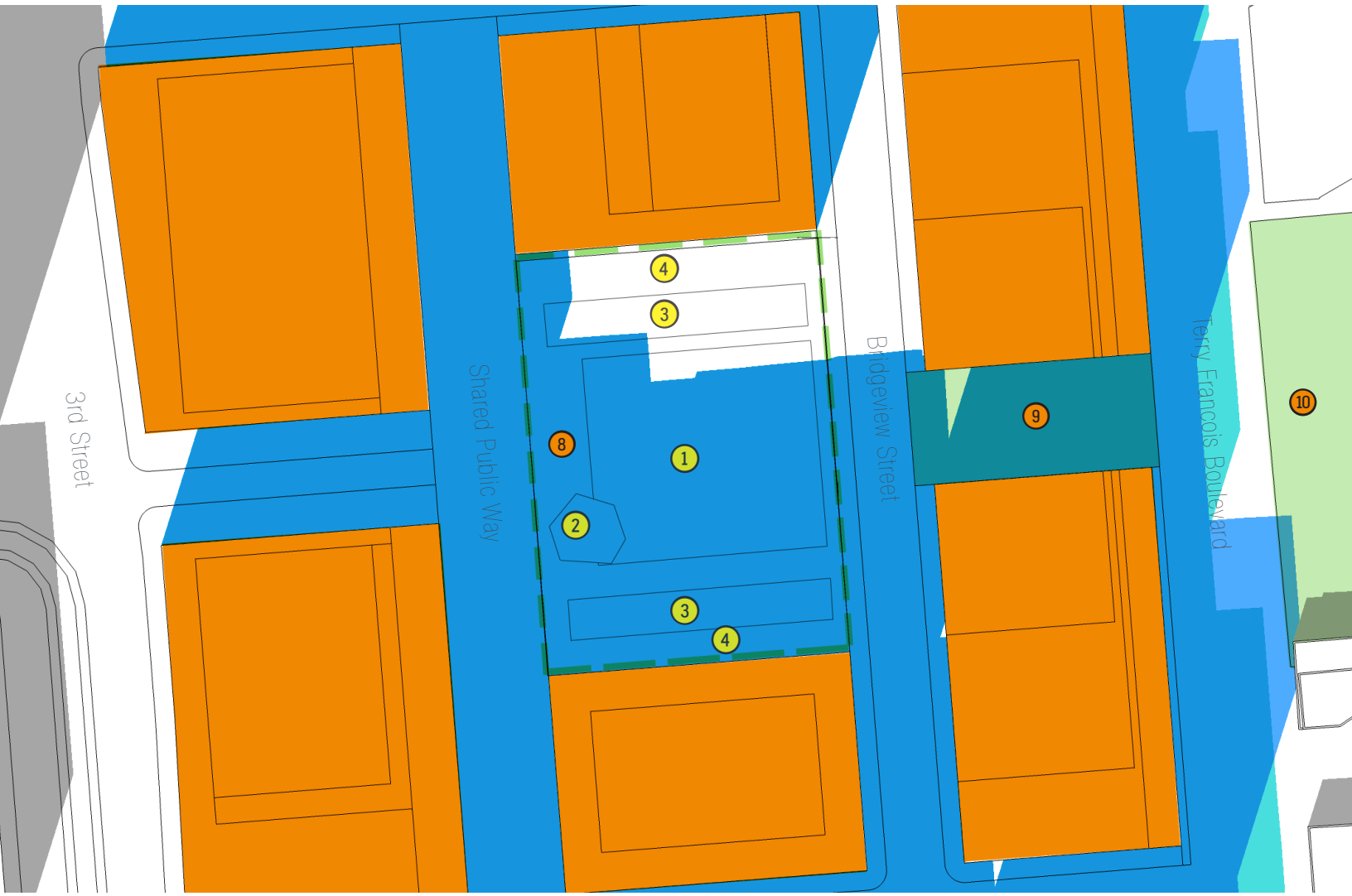
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.21 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

1:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

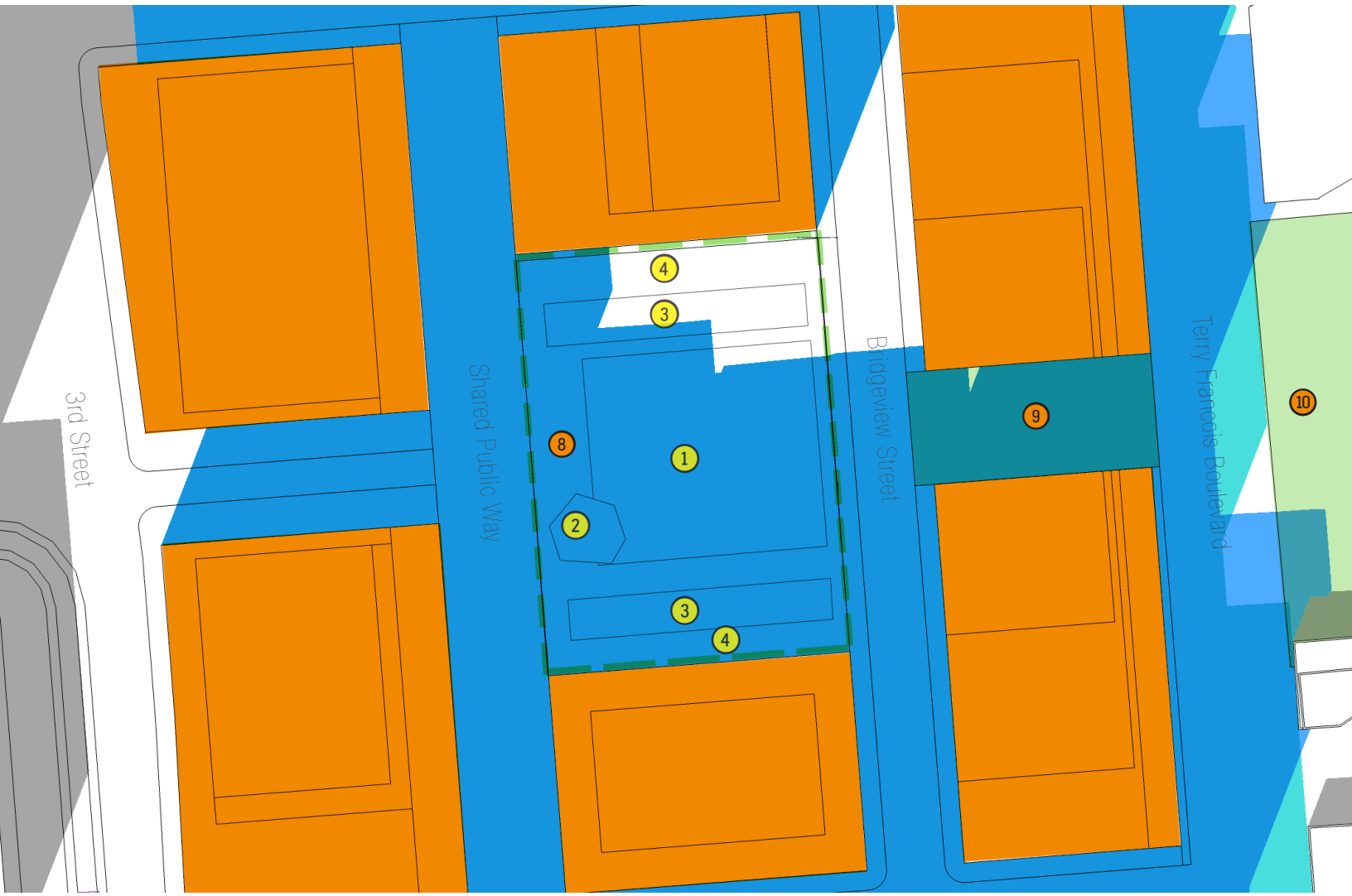
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.22 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

1:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

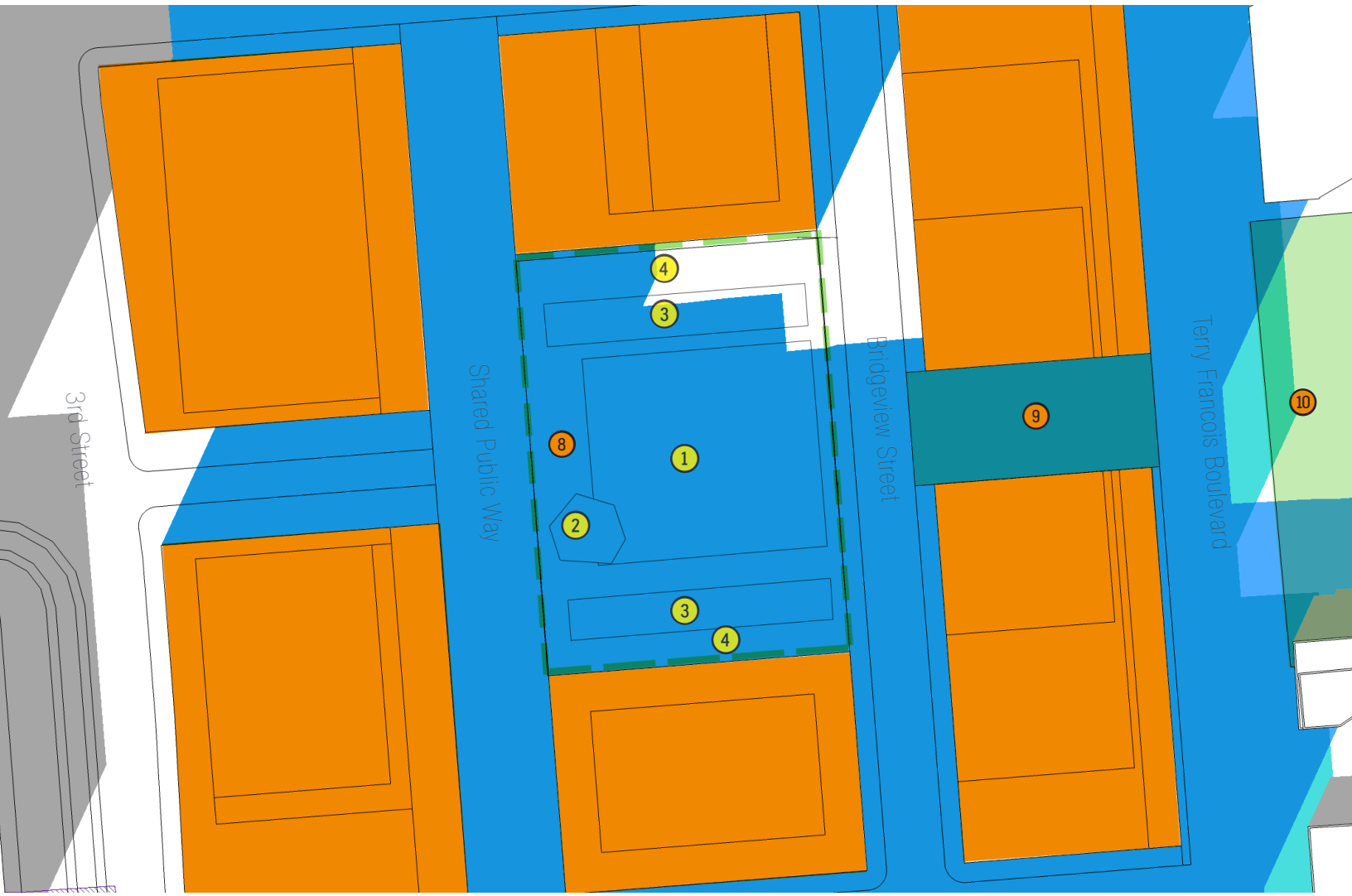
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.23 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

1:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

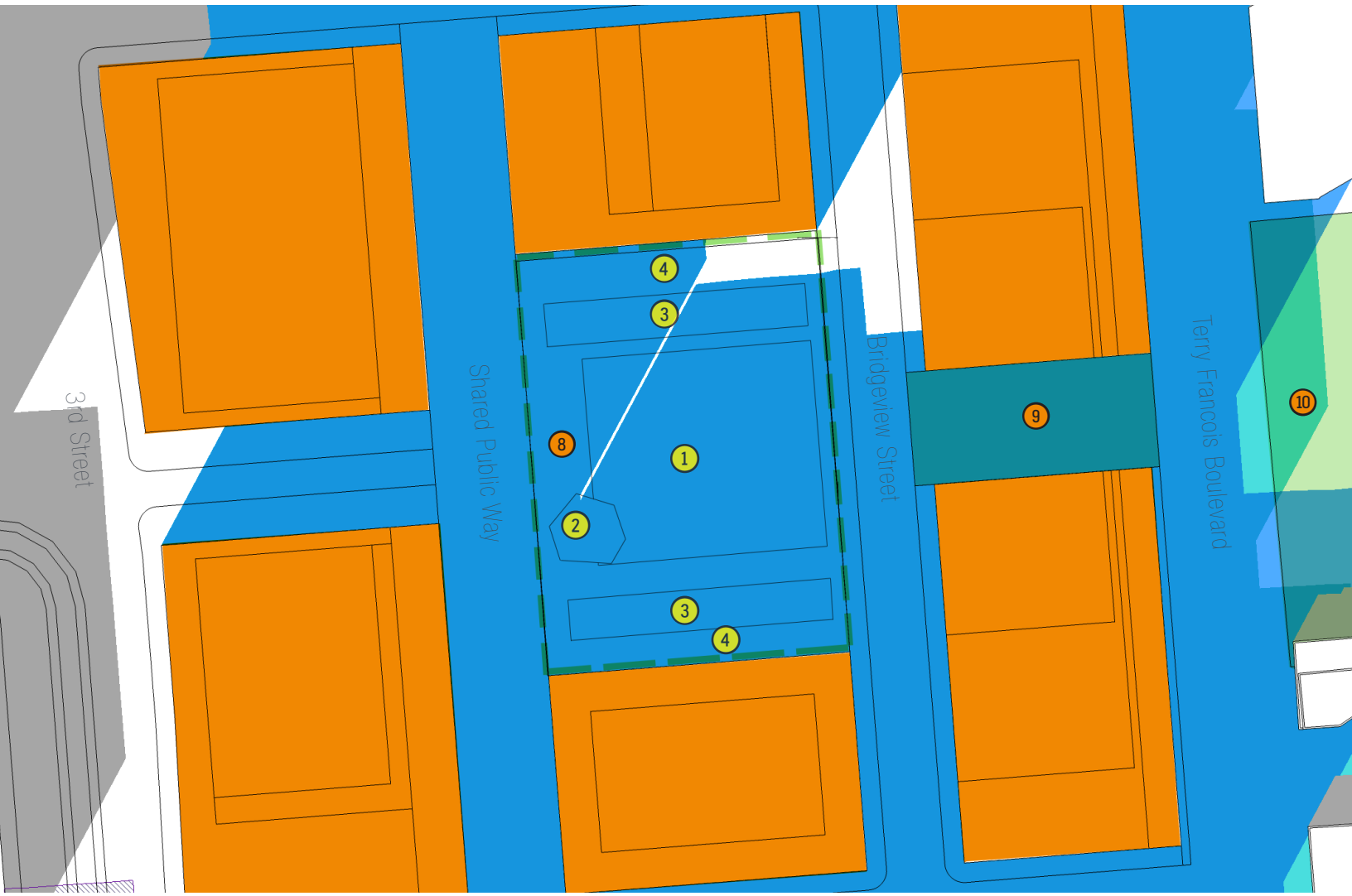
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.24 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

2:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

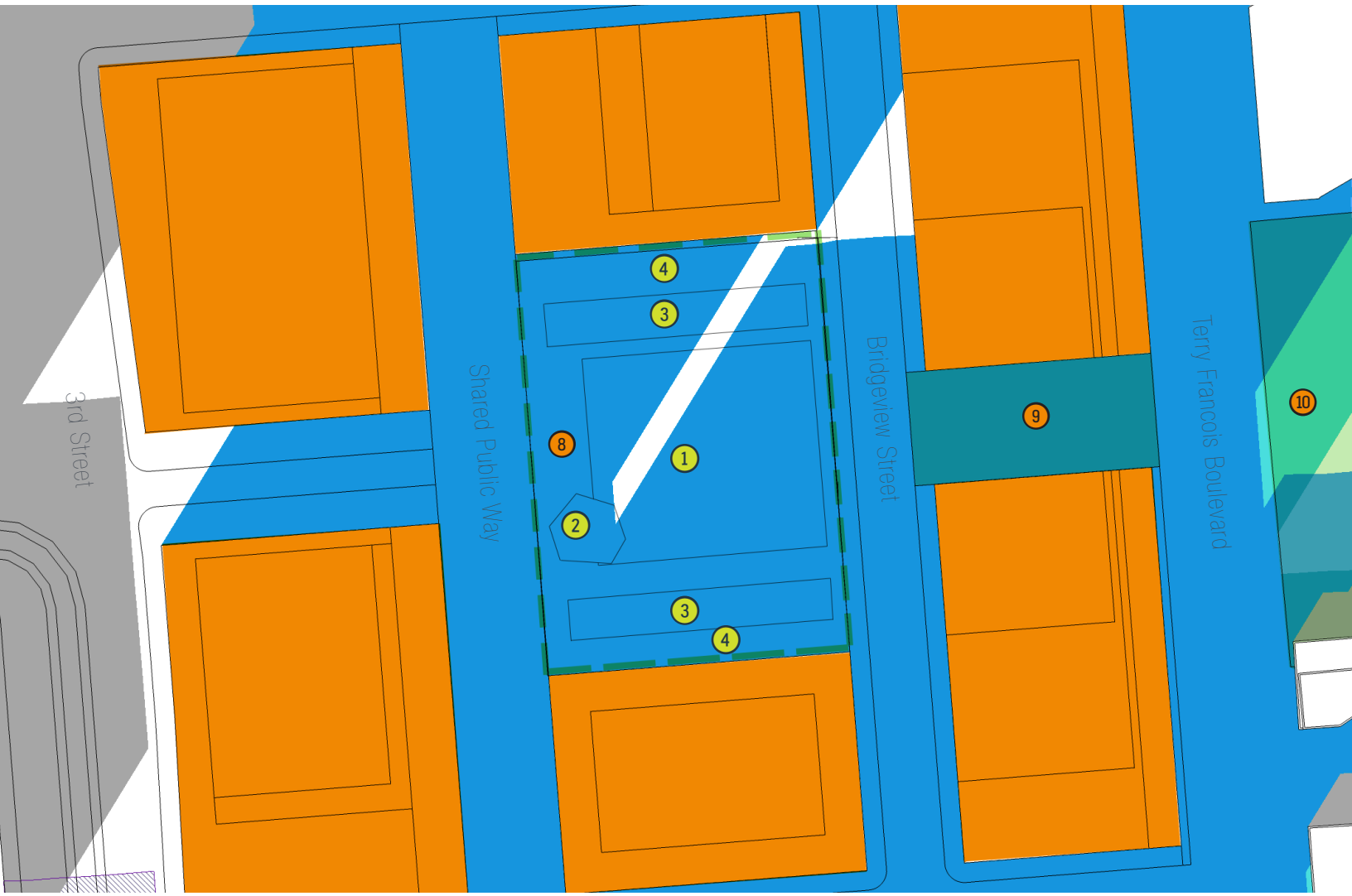
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.25 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

2:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

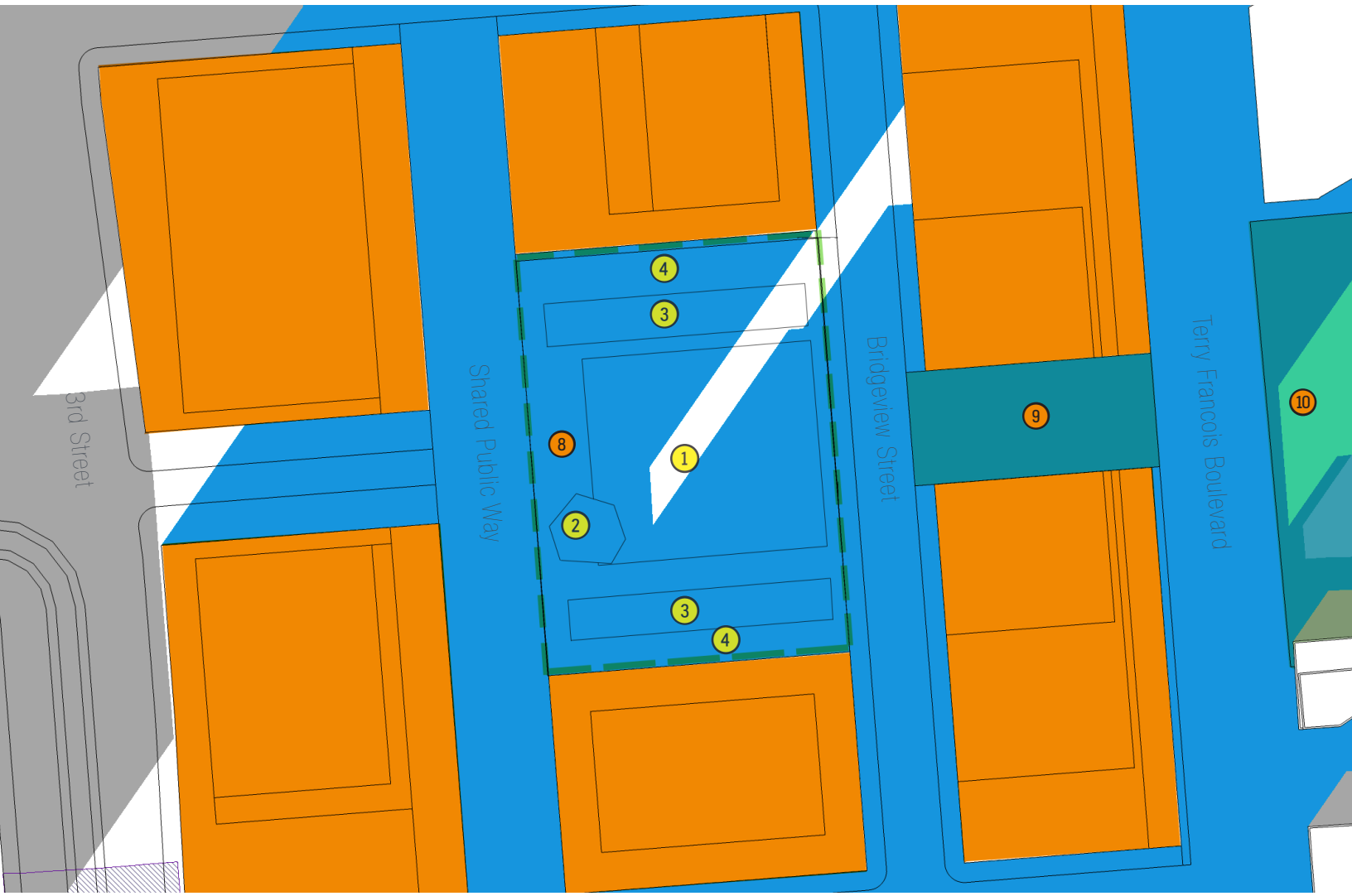
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.26 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

2:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

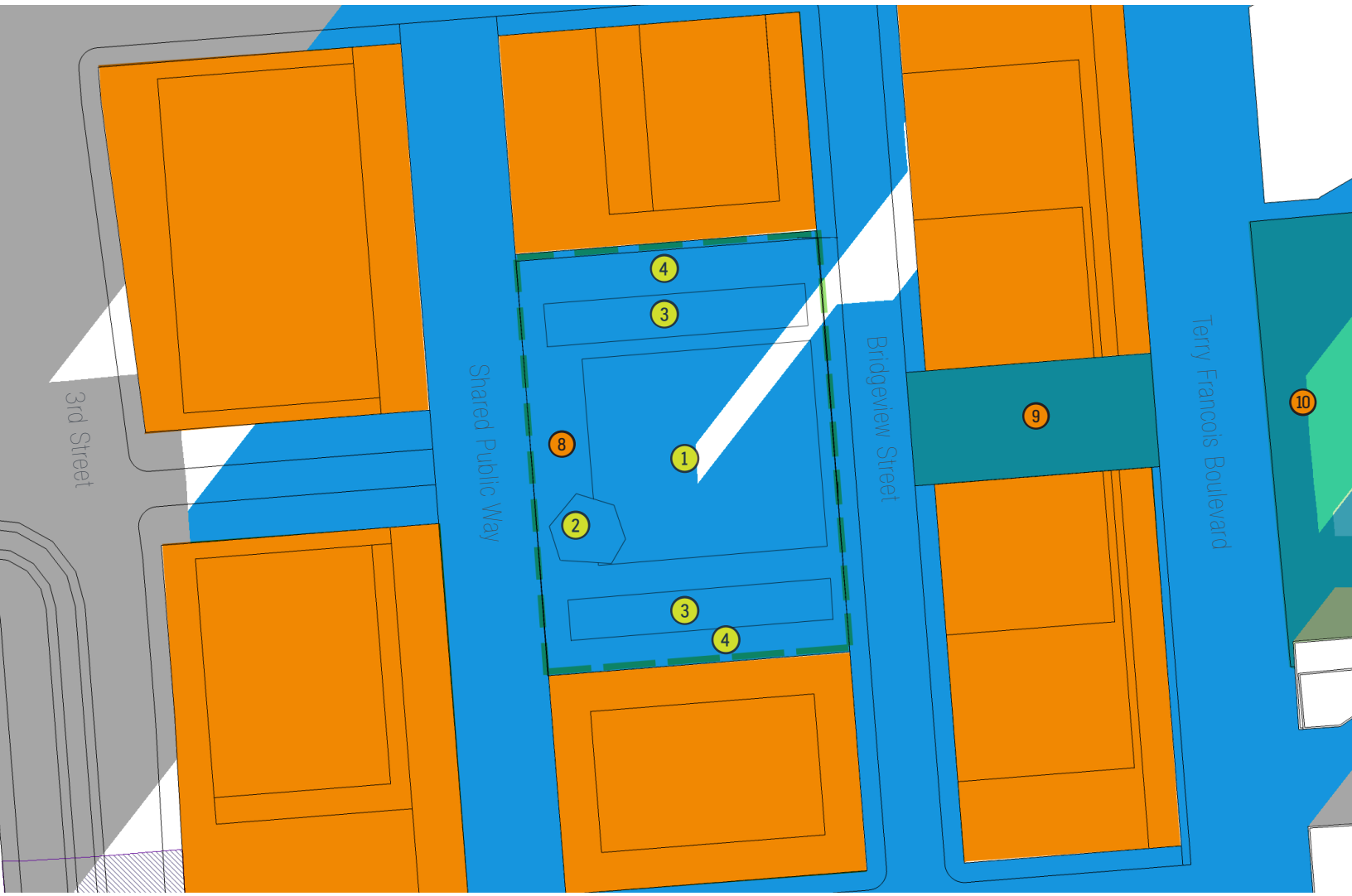
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.27 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

2:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

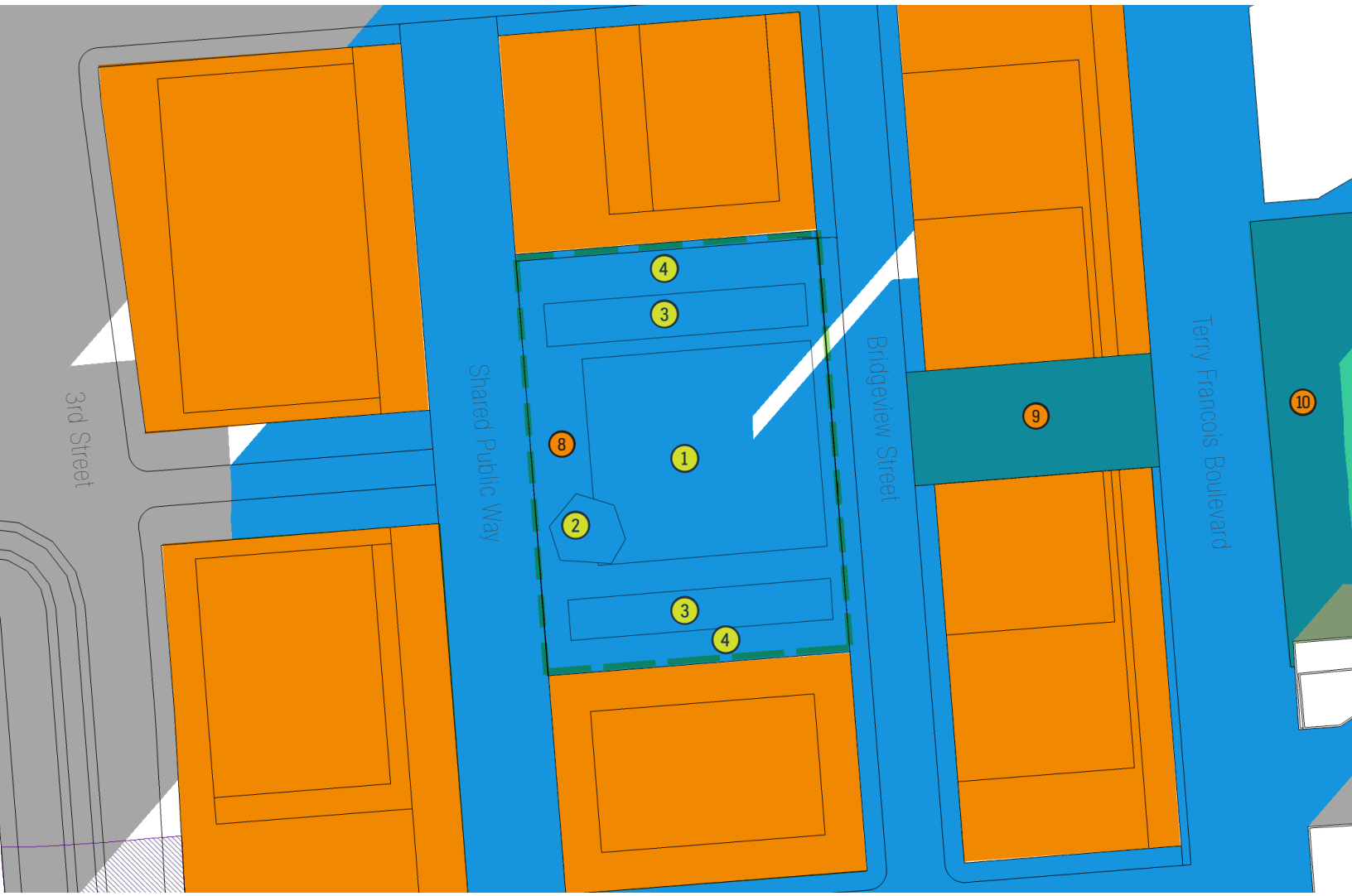
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.28 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

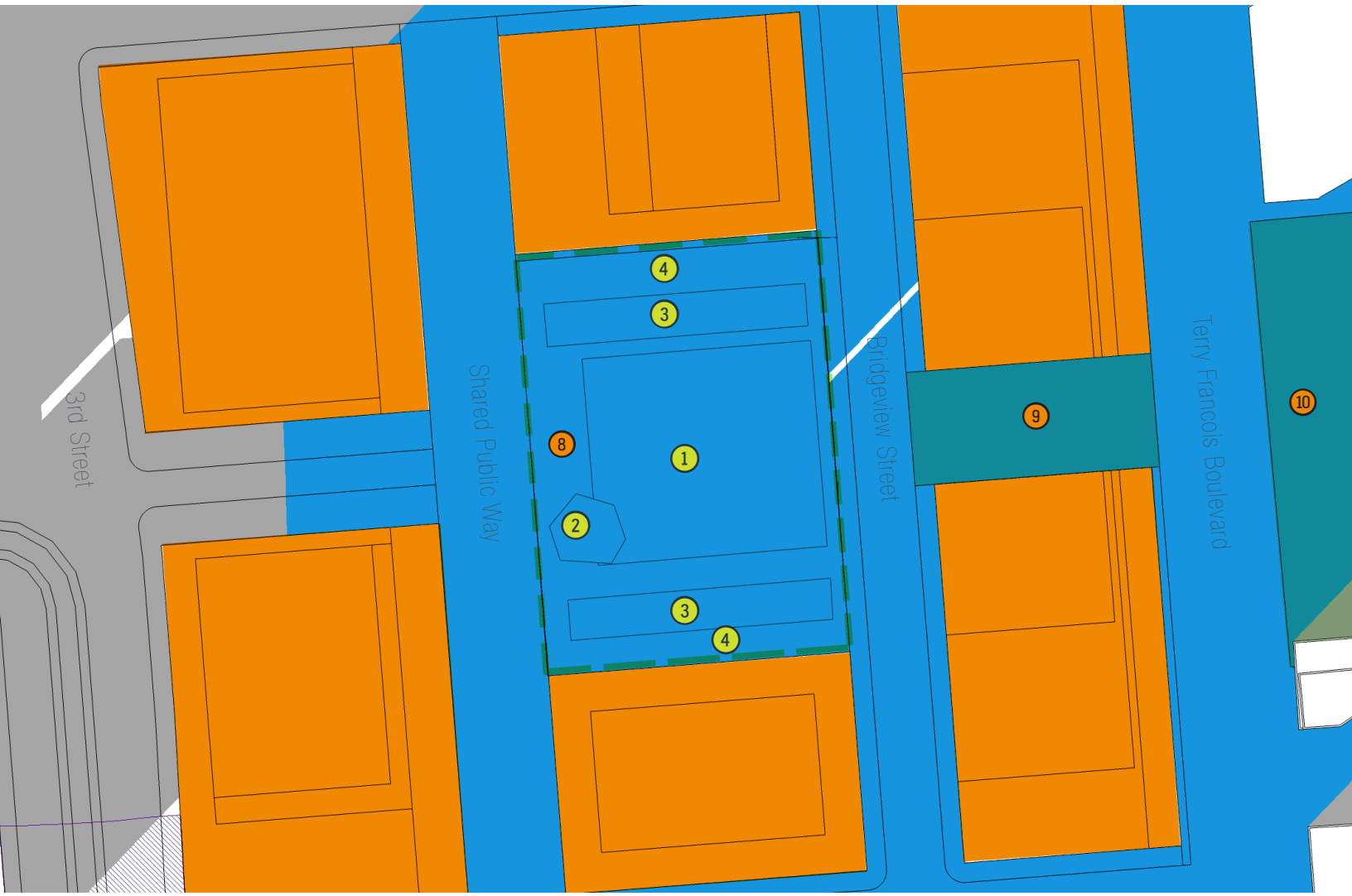
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.29 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

3:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

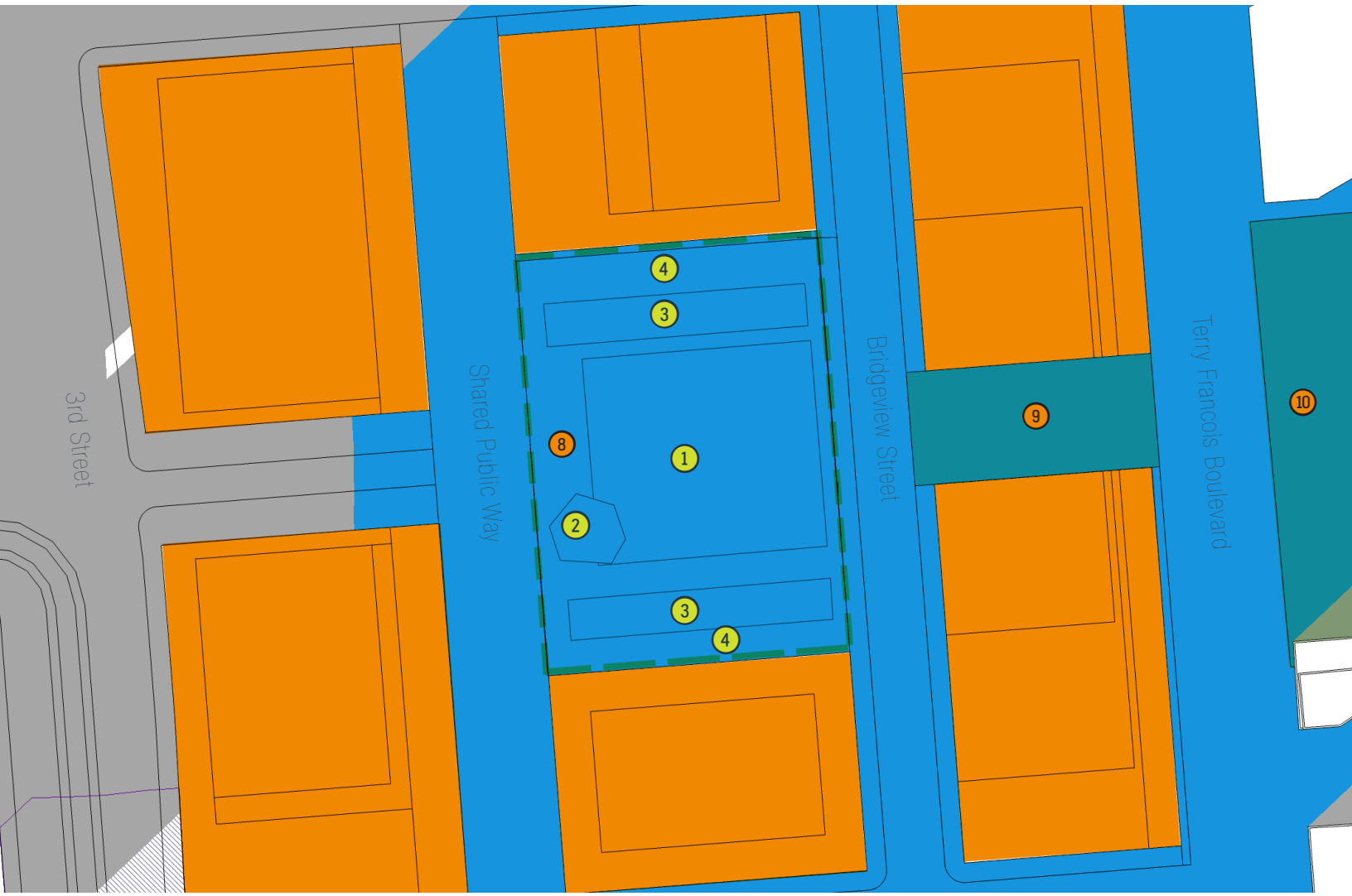
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.30 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

3:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

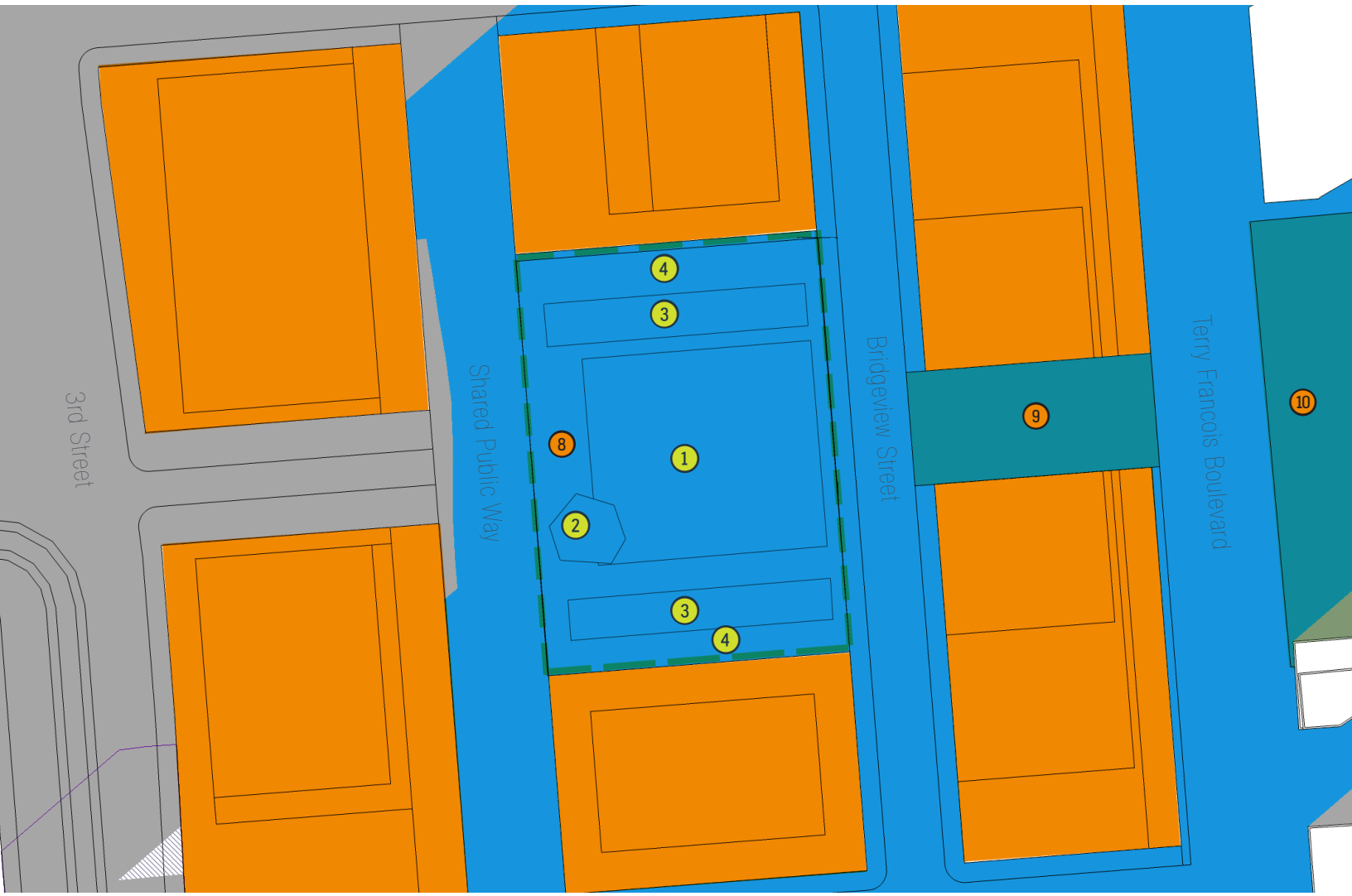
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.31 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

3:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

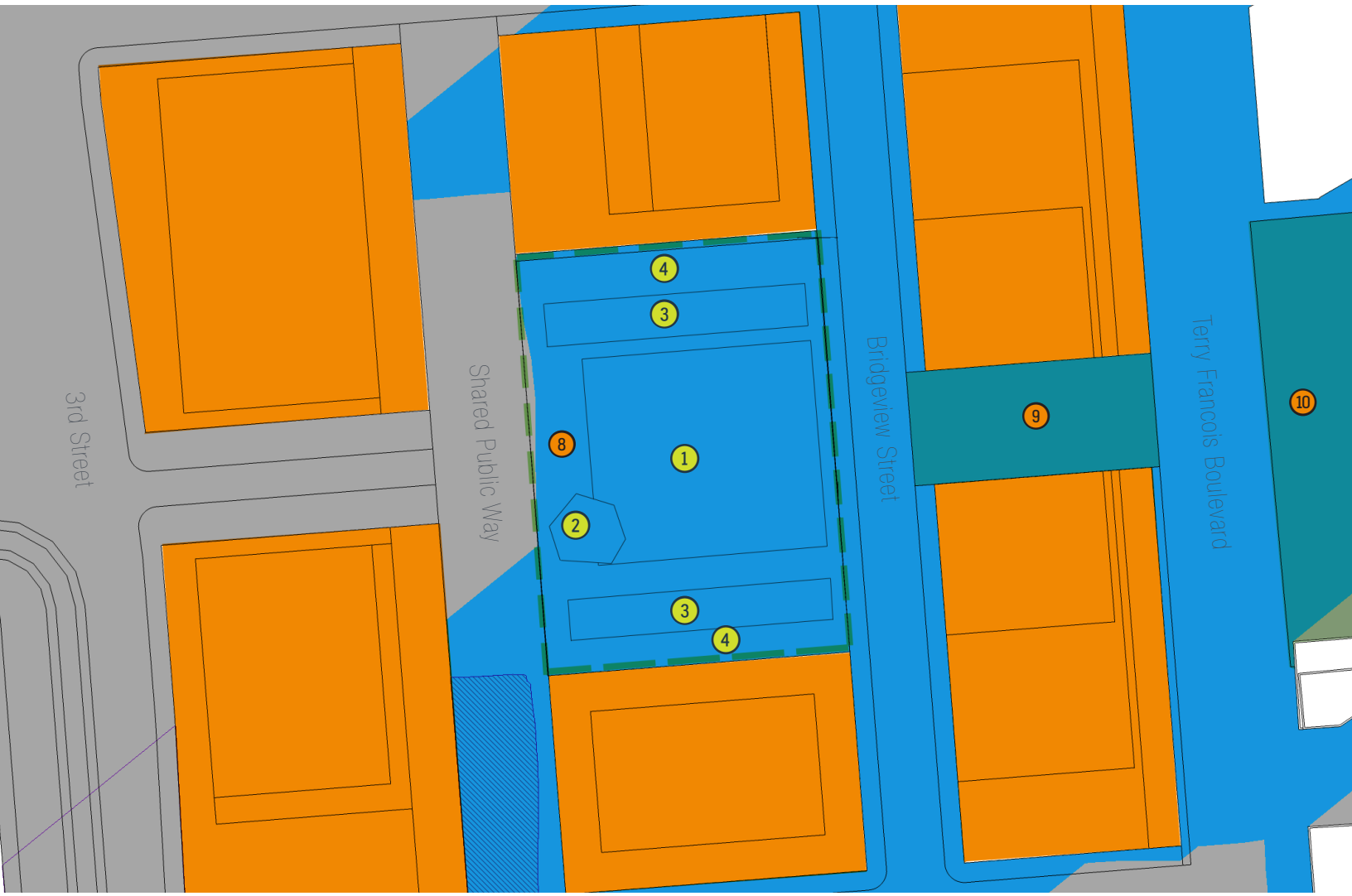
**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

J1.32 MISSION ROCK SQUARE SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
DECEMBER 20

3:54 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square (MB2)*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

Mission Rock Square Key:

1. Central Event Space
2. Iconic Feature
3. Boardwalk / Seating
4. Active Retail Edge

EXHIBIT K: SHADOW DIAGRAMS ON CHANNEL LANE & CHANNEL WHARF (PROPOSED BY PROJECT)

K1: Channel Lane Diagrams on Day of Maximum Shading

K2: Channel Wharf Diagrams on Day of Maximum Shading

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset + at 15 minute intervals when new shading is present in the open space.

K1.1 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

7:43 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.2 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

7:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.3 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

8:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.4 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

8:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.5 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

8:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.6 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

8:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.7 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.8 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

9:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.9 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

9:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.10 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

9:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.11 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

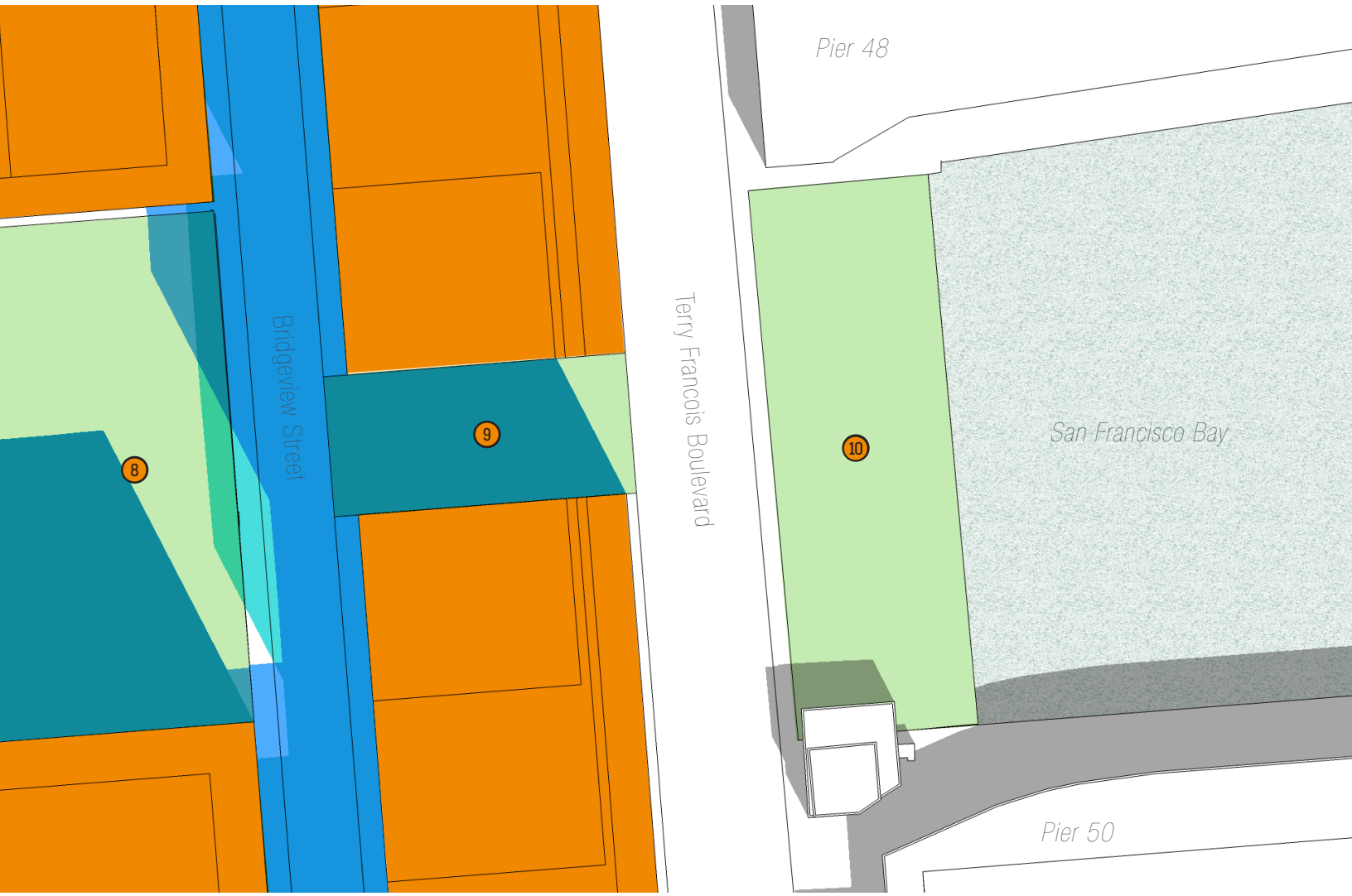
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.12 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

10:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

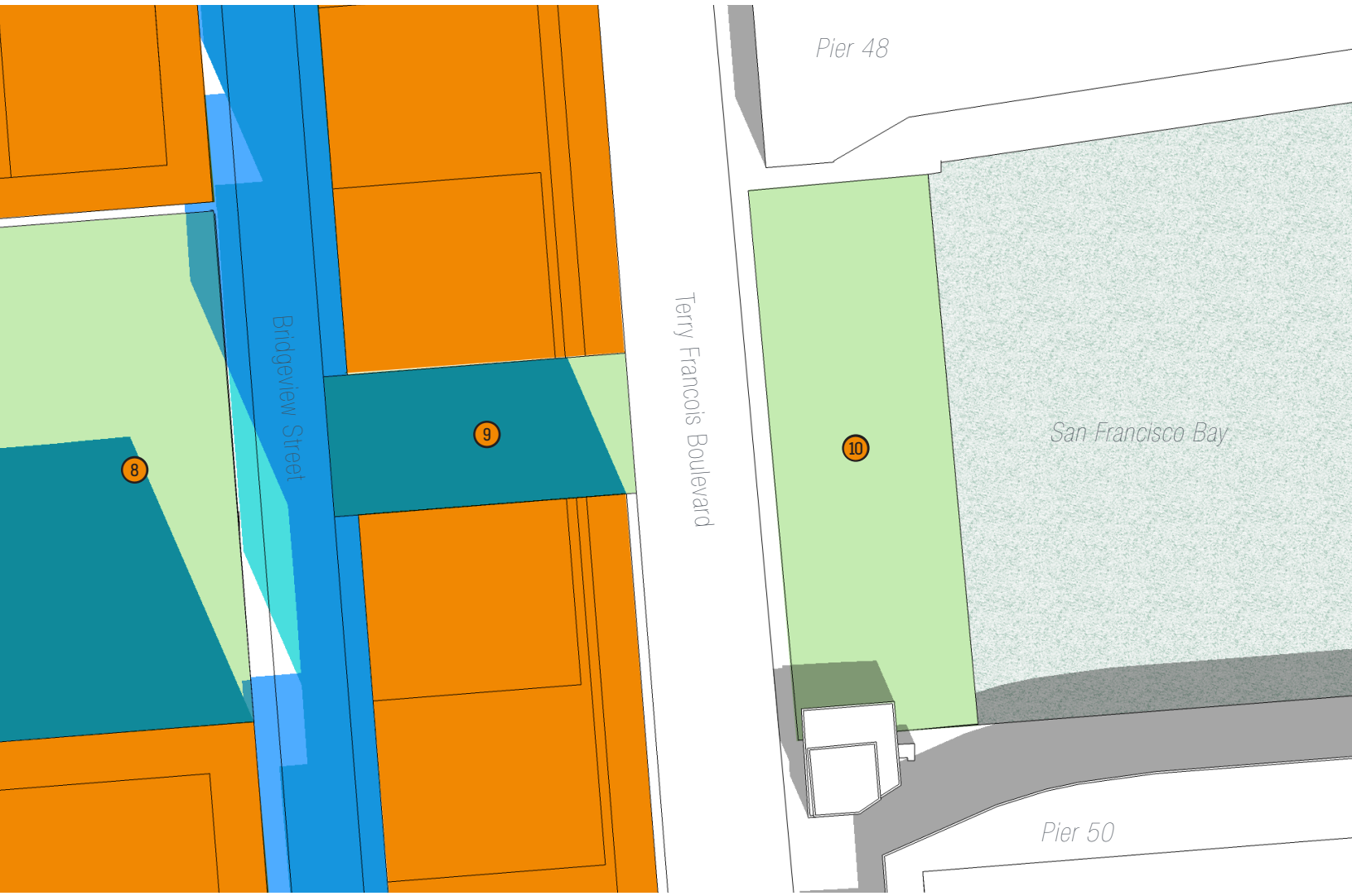
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.13 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

10:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.14 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

10:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.15 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

11:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.16 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

11:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.17 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

11:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.18 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

11:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.19 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.20 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

12:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.21 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

12:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.22 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

12:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.23 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

1:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.24 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

1:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.25 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

1:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

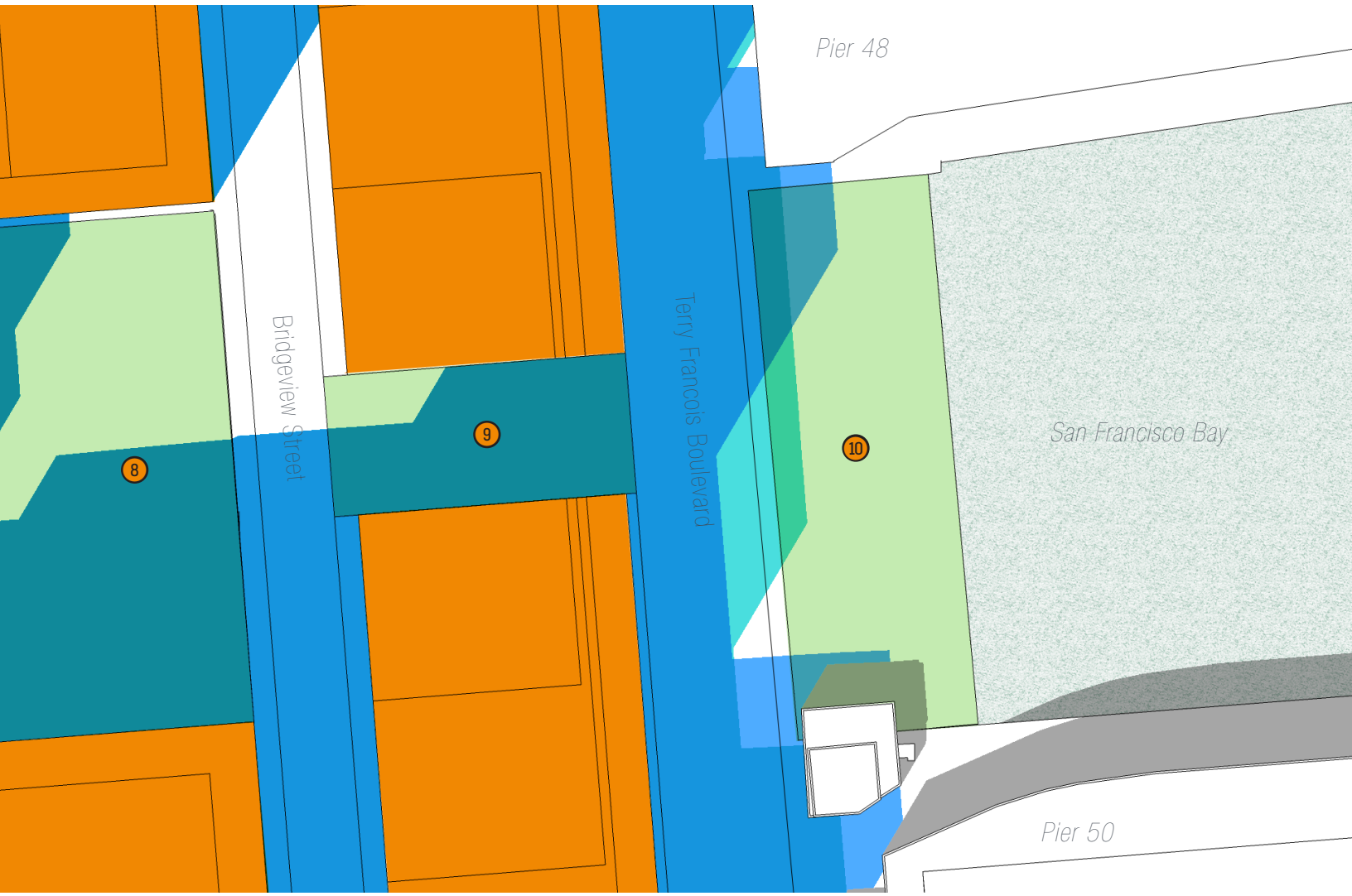
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.26 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

1:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

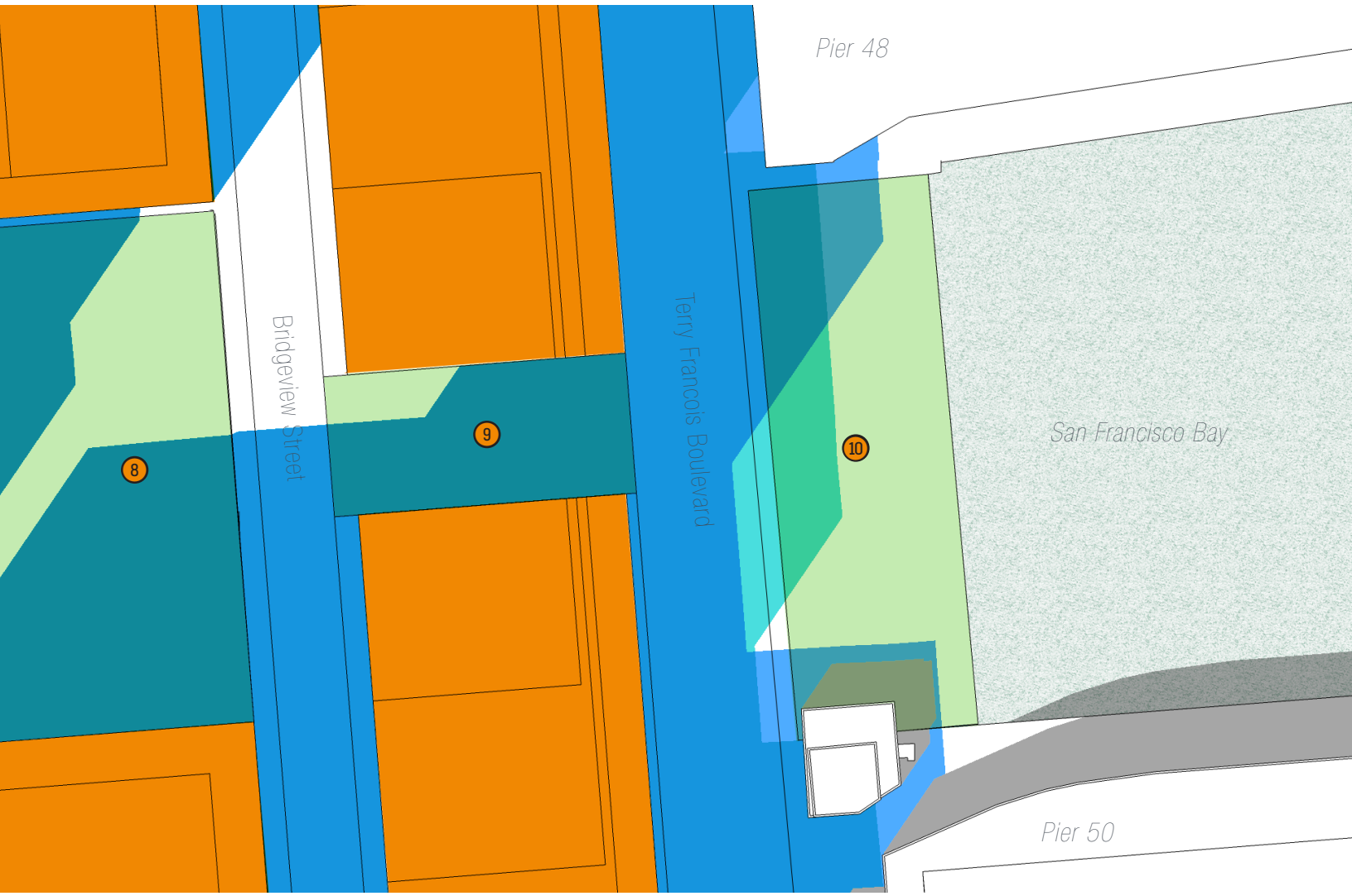
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.27 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

2:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

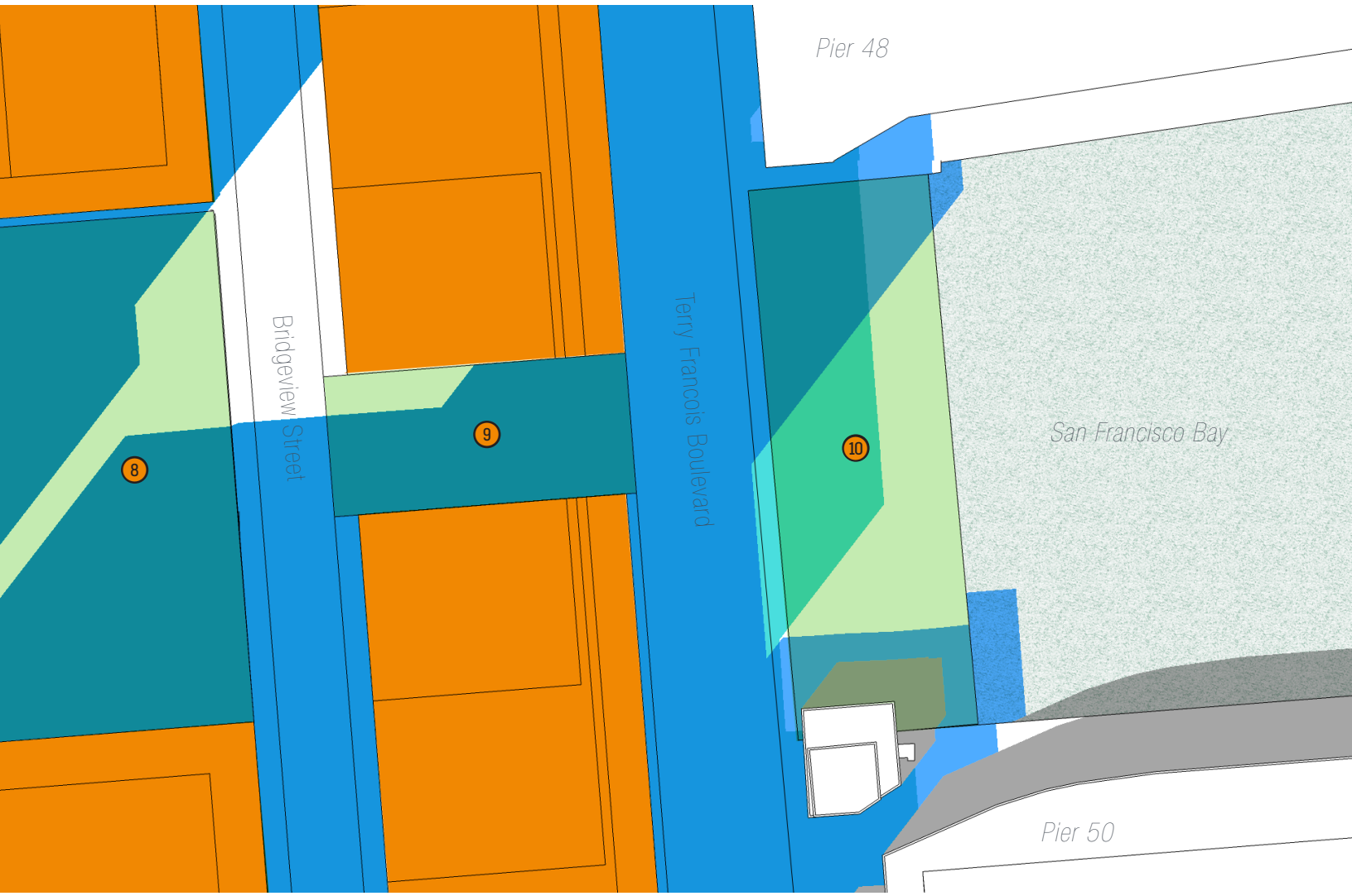
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.28 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

2:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

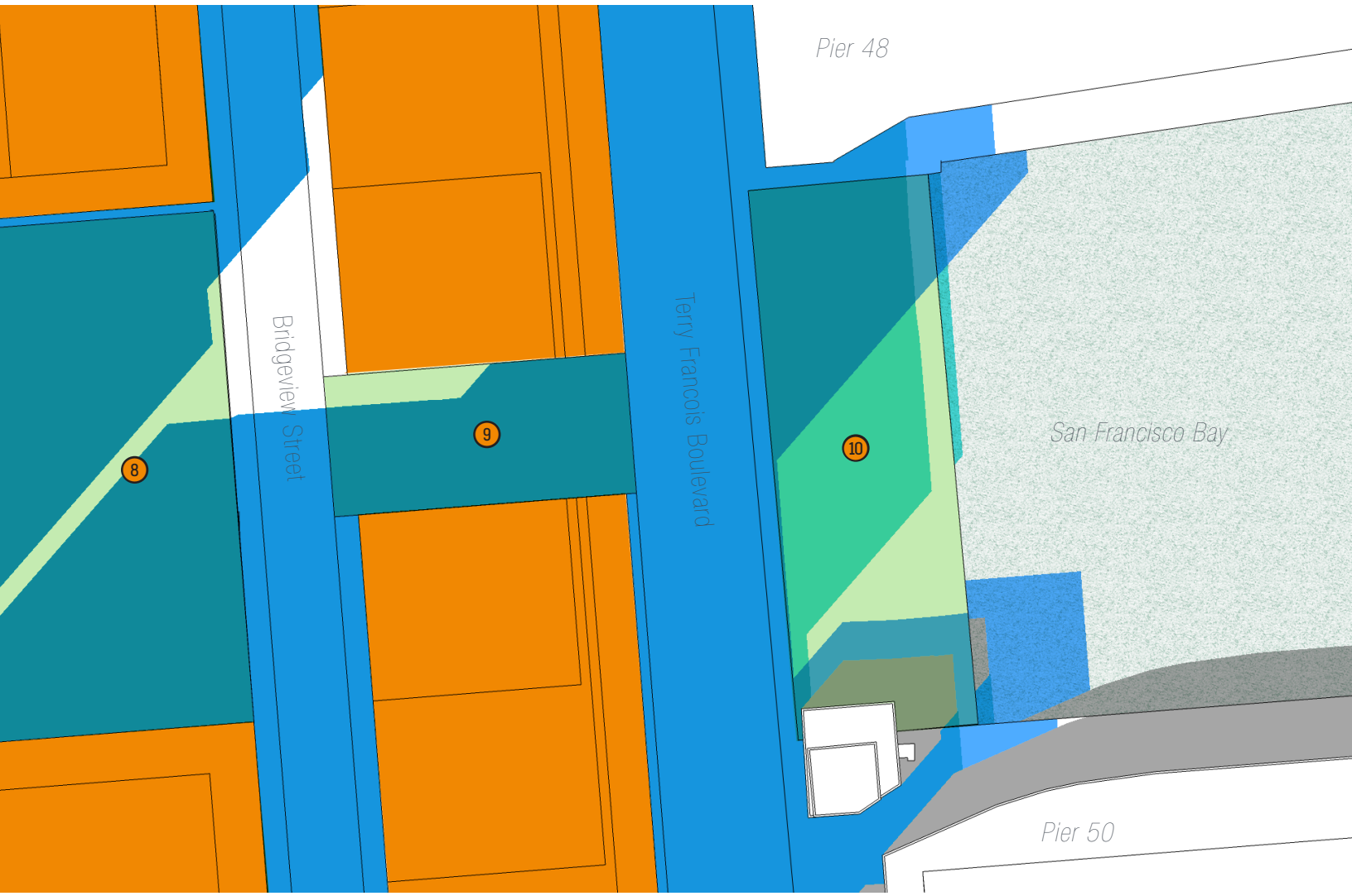
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.29 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

2:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

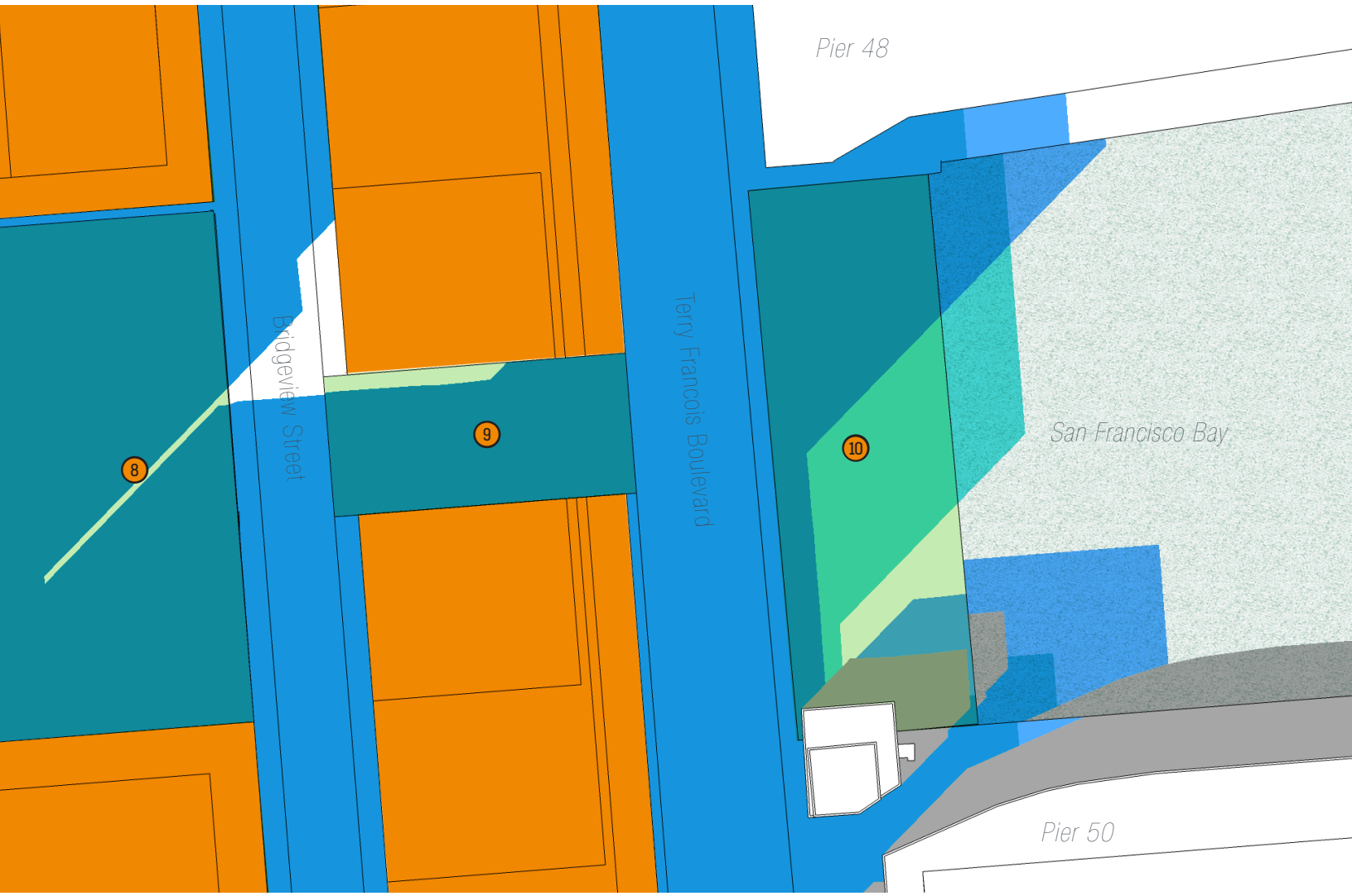
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.30 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

2:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

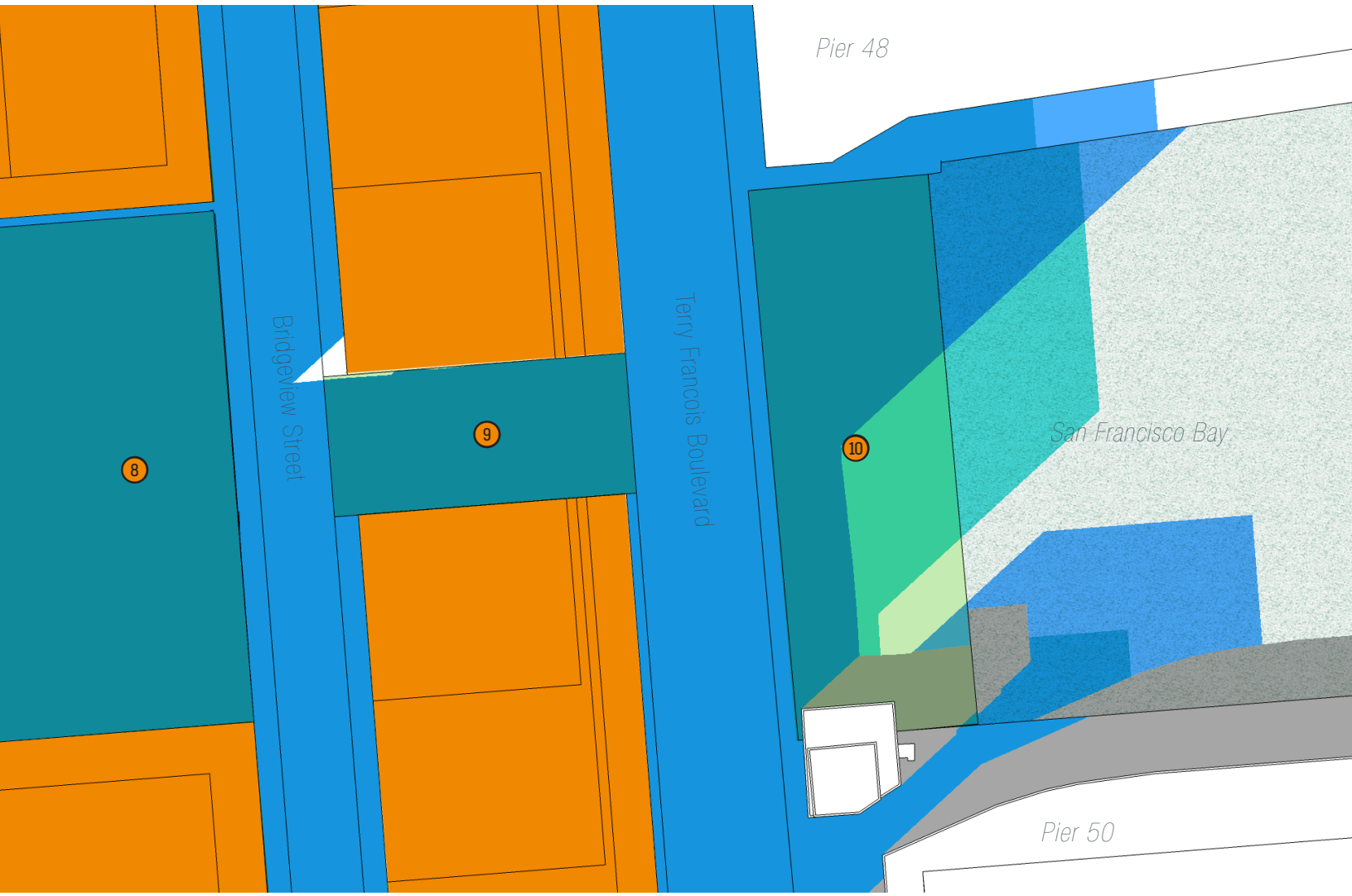
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.31 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

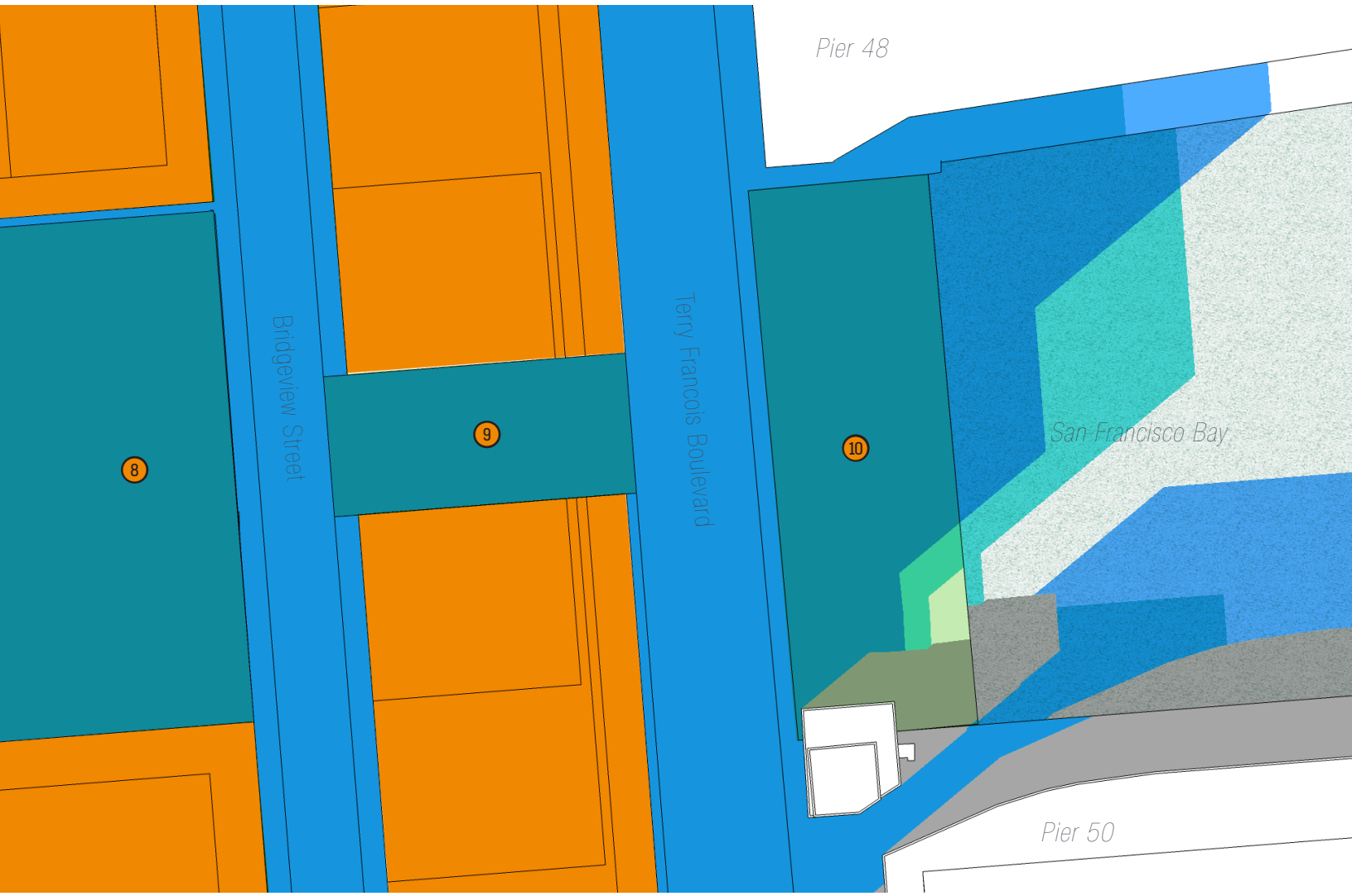
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.32 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

3:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.33 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

3:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.34 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

3:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.35 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

4:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K1.36 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Lane: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
NOVEMBER 8

4:03 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

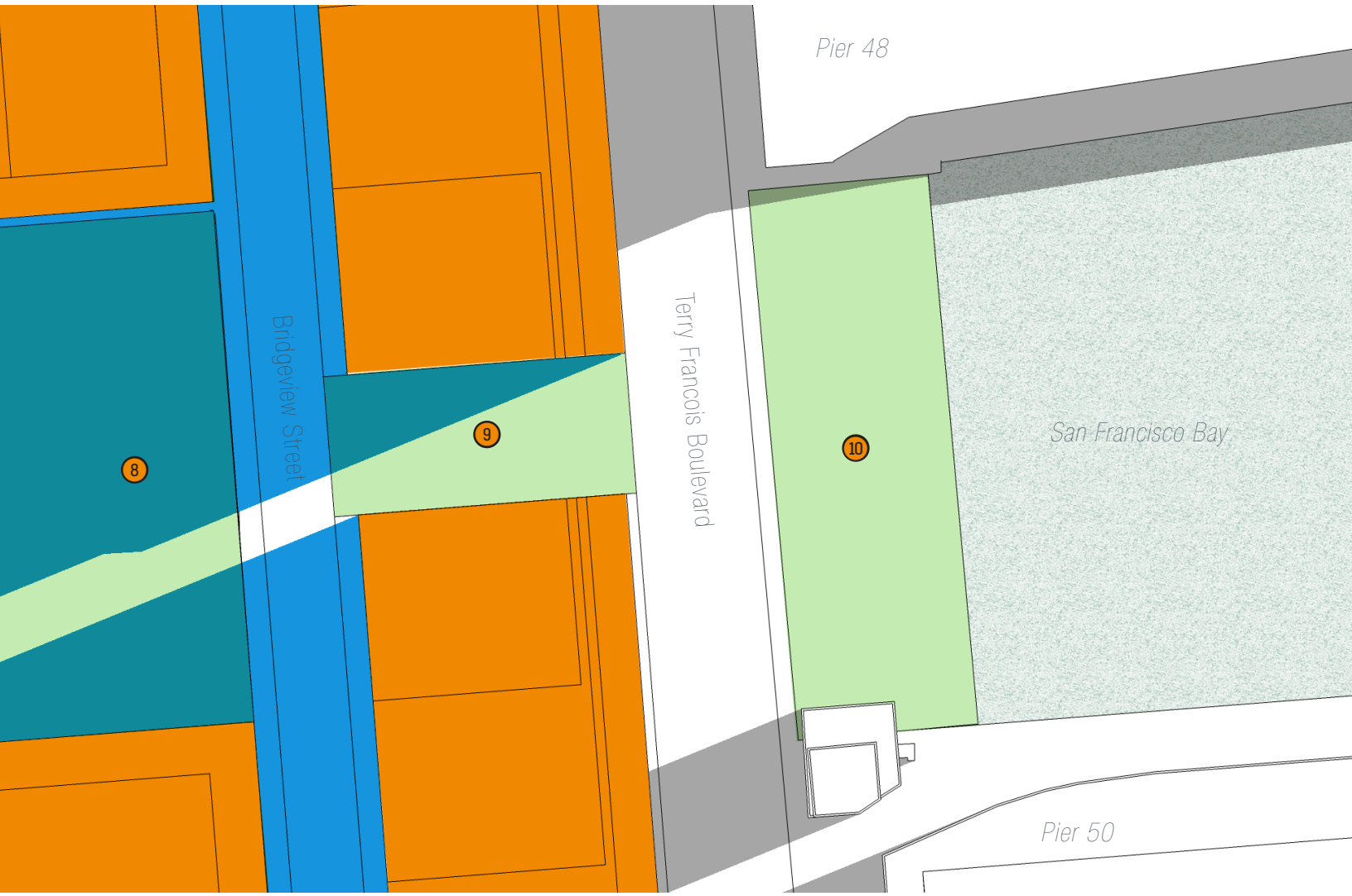
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.1 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

6:46 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.2 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.3 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.4 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.5 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

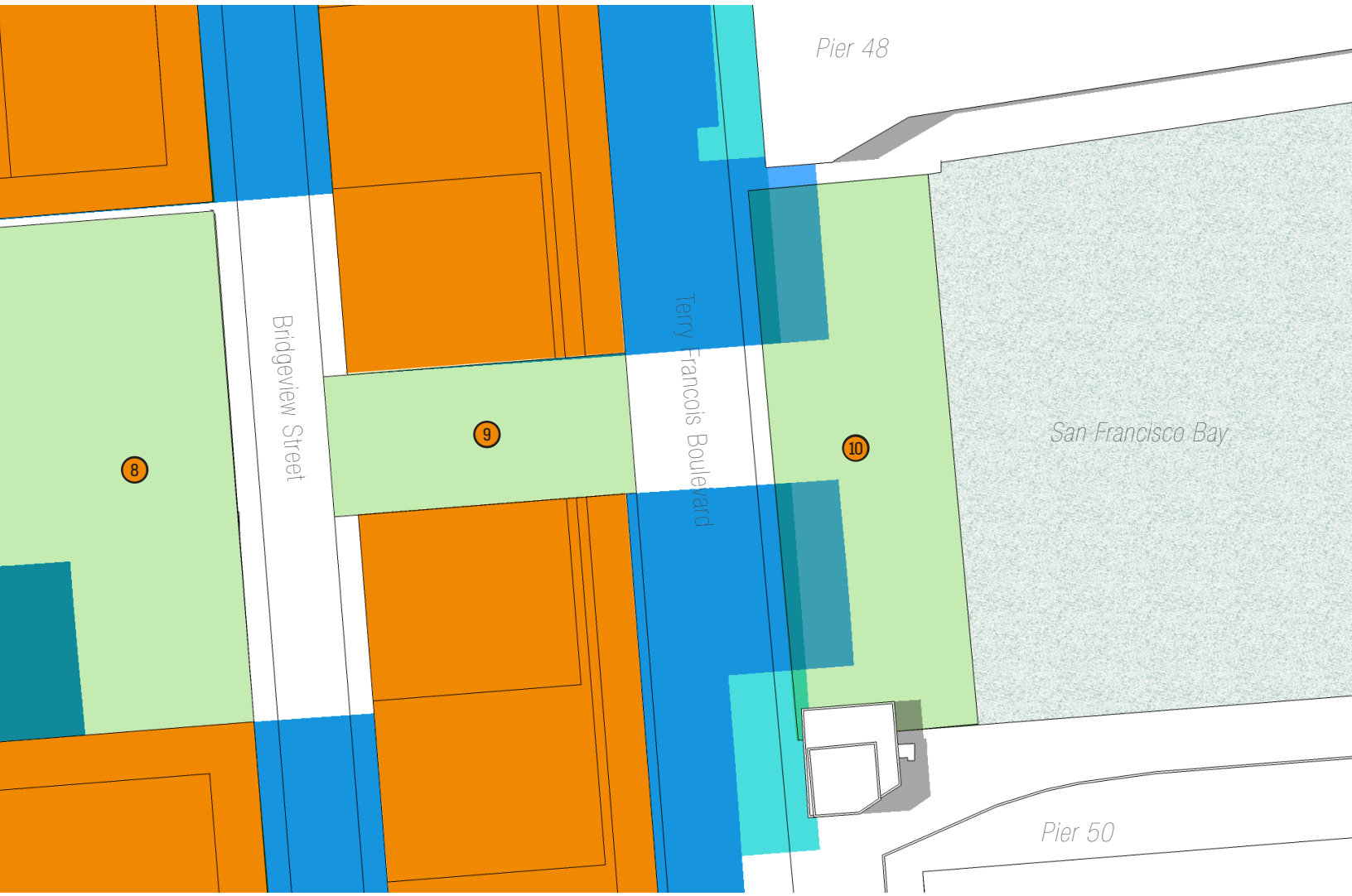
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.6 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

4:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

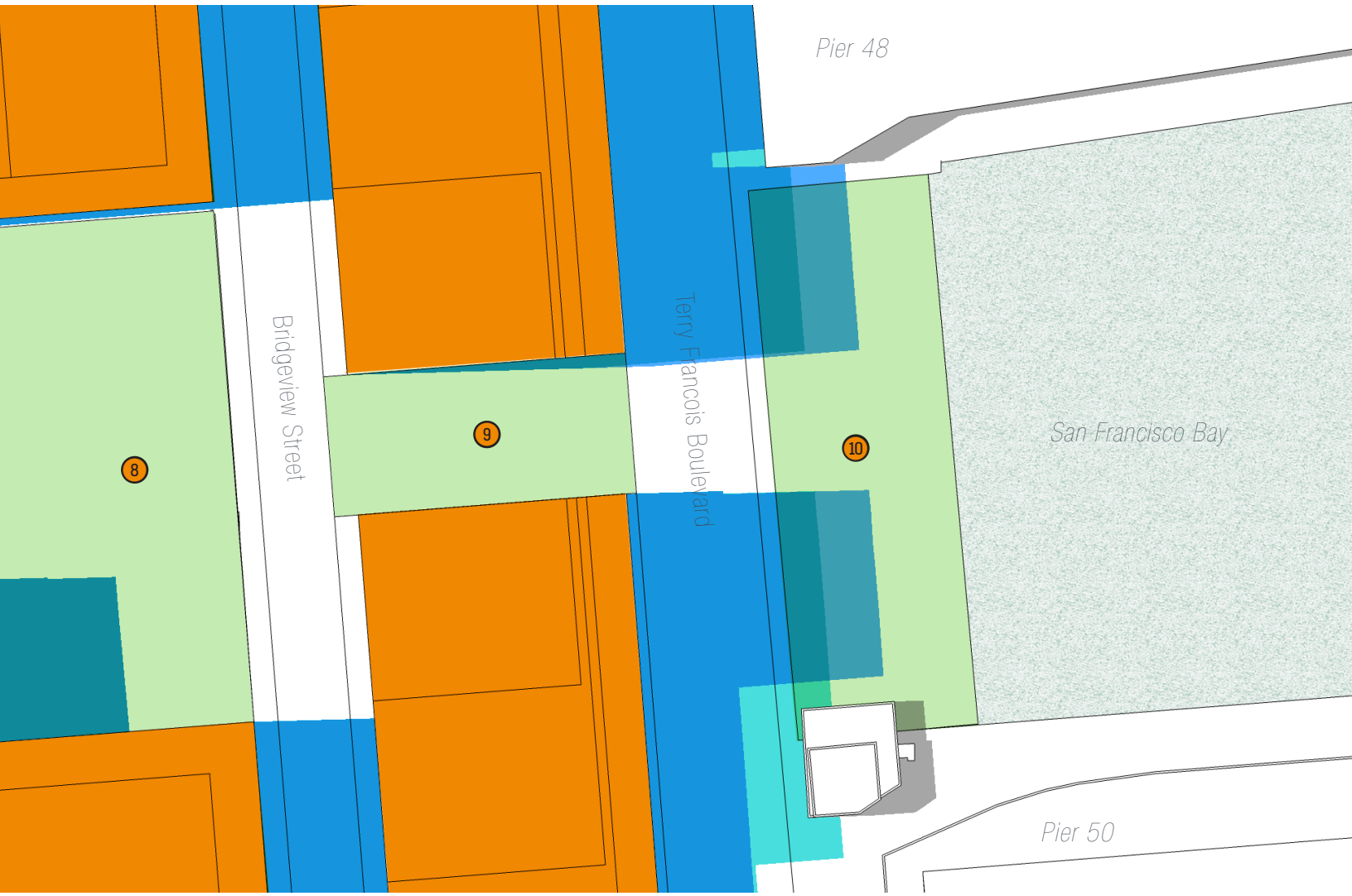
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.7 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

4:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

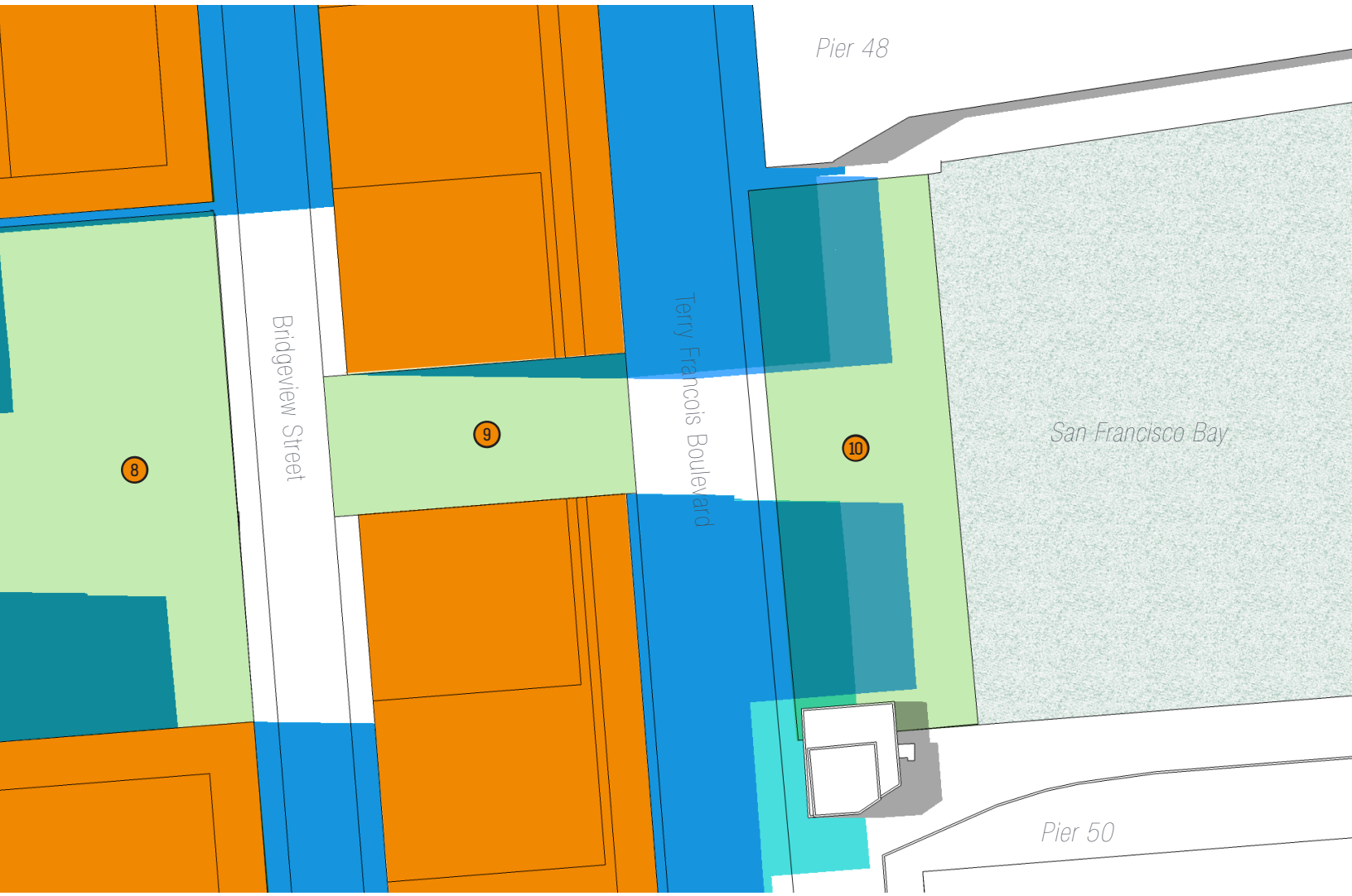
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.8 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

5:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

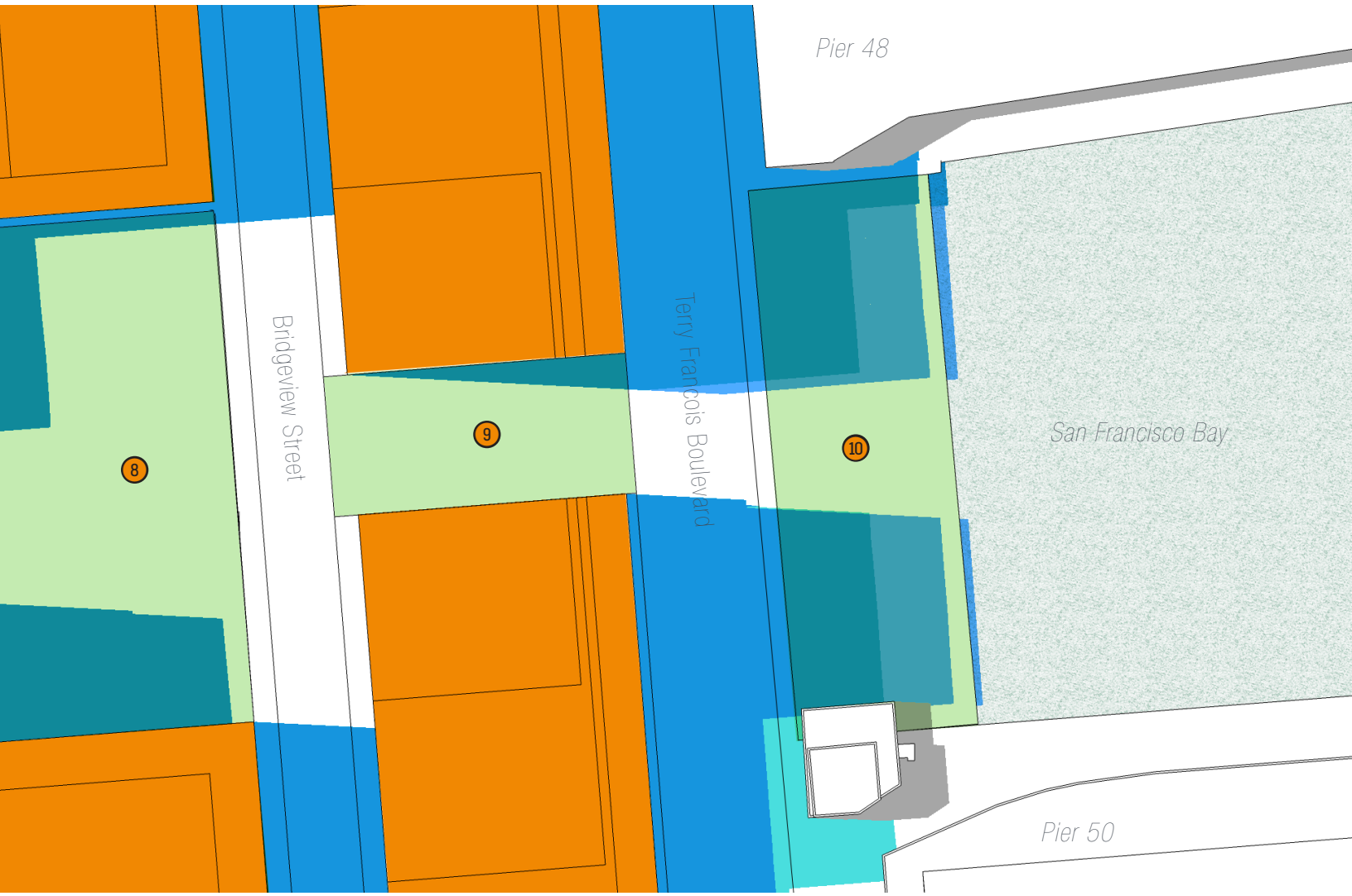
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.9 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

5:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

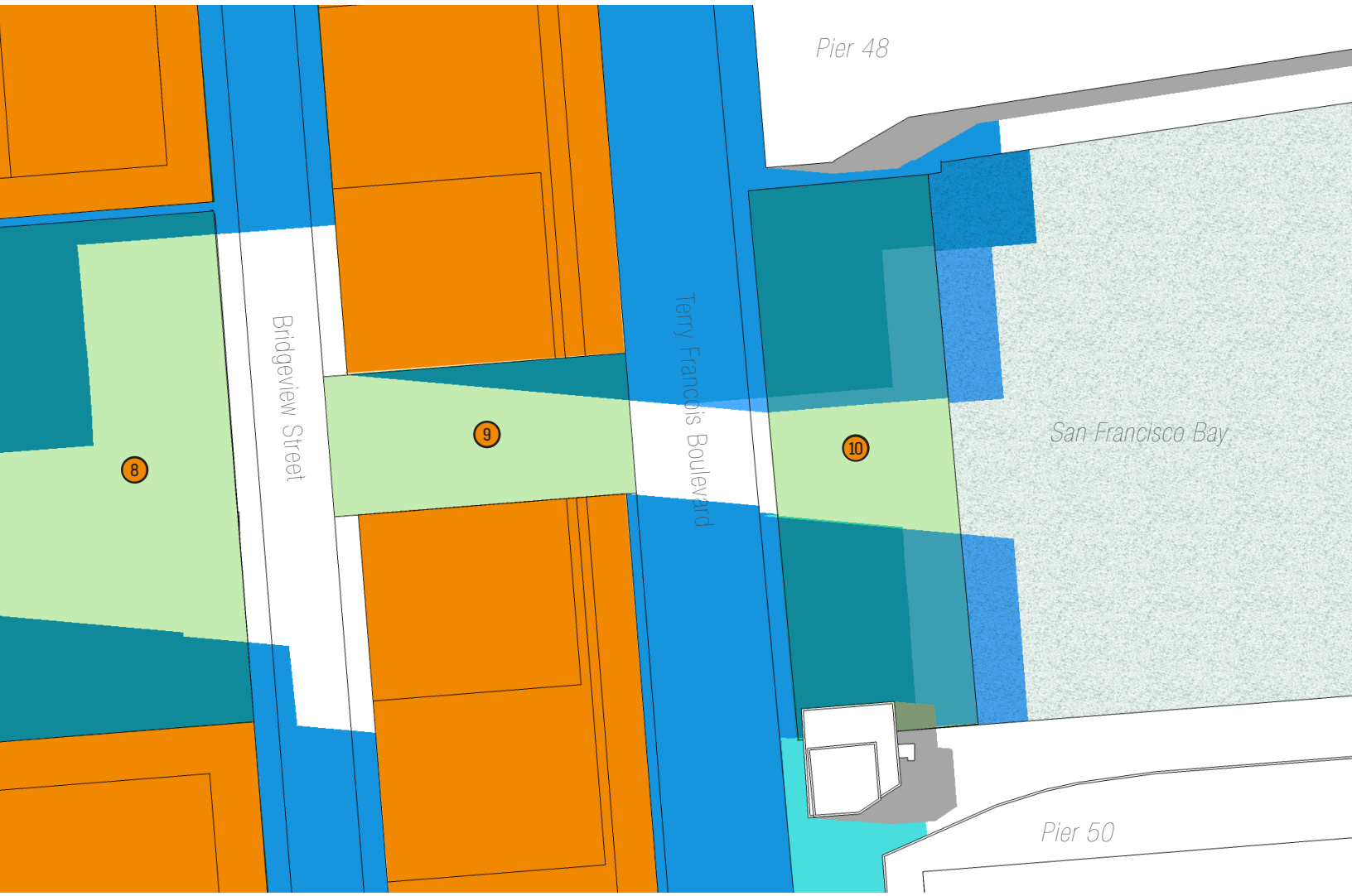
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.10 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

5:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

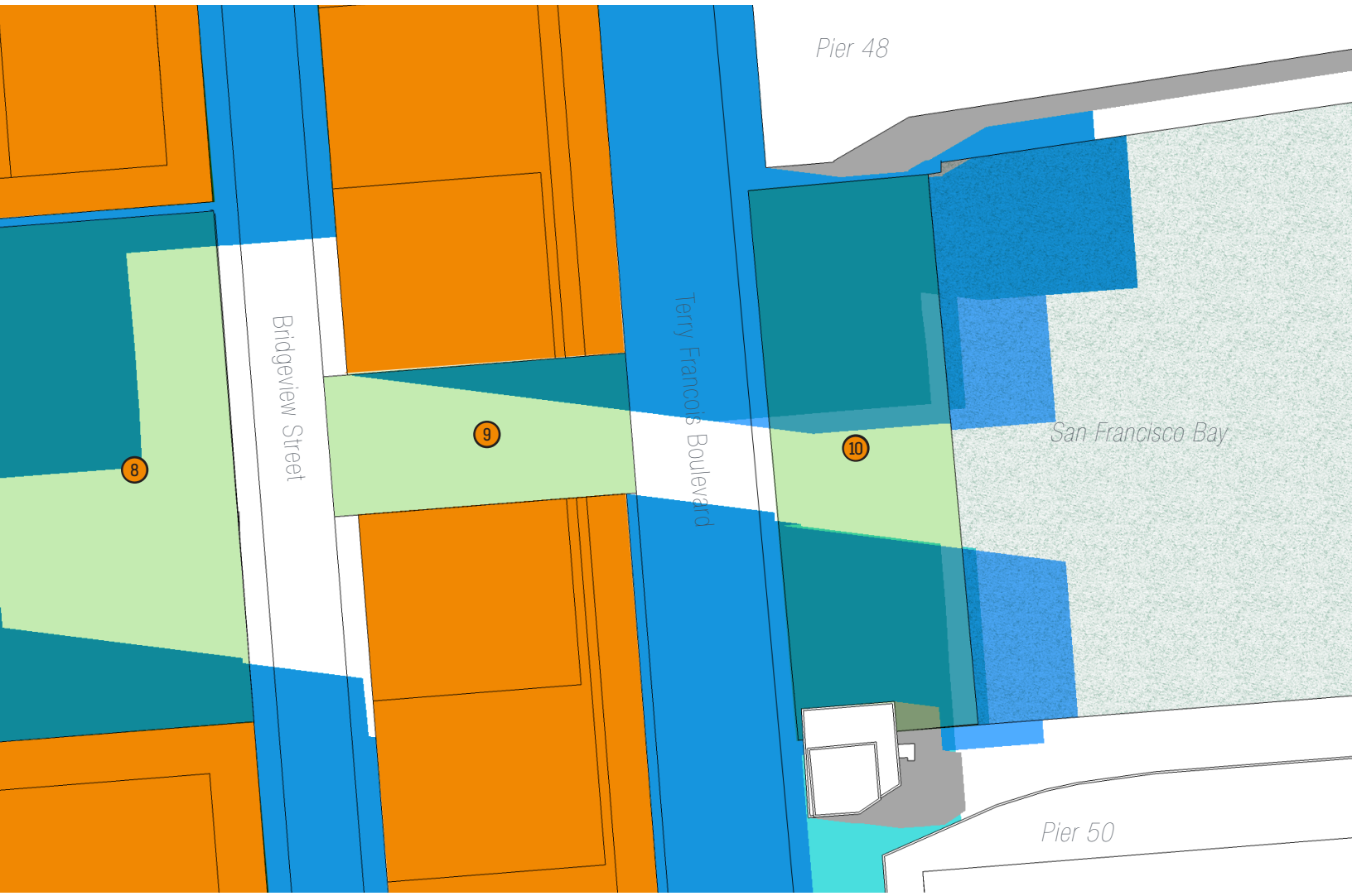
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.11 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

5:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

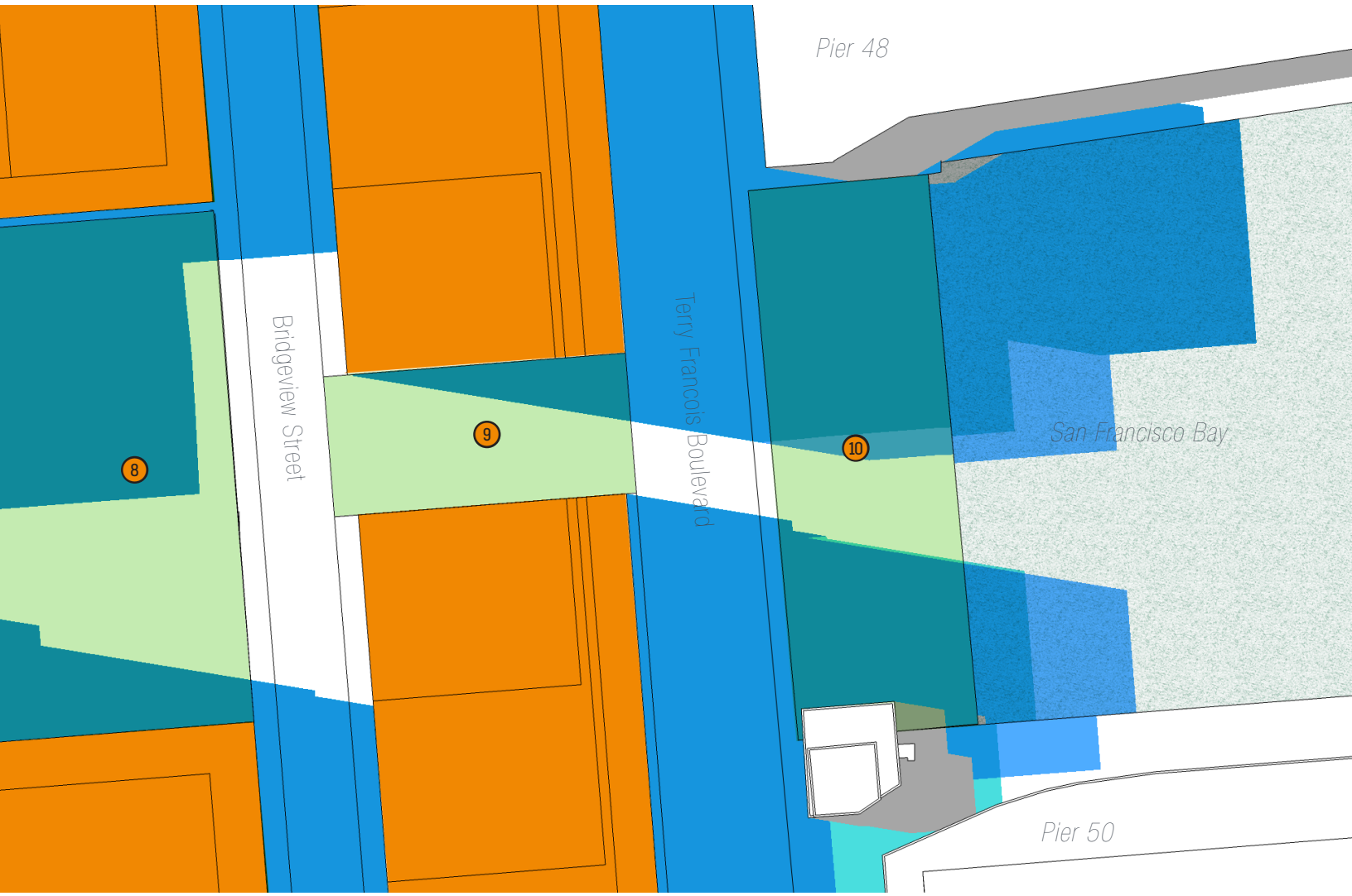
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.12 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

6:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

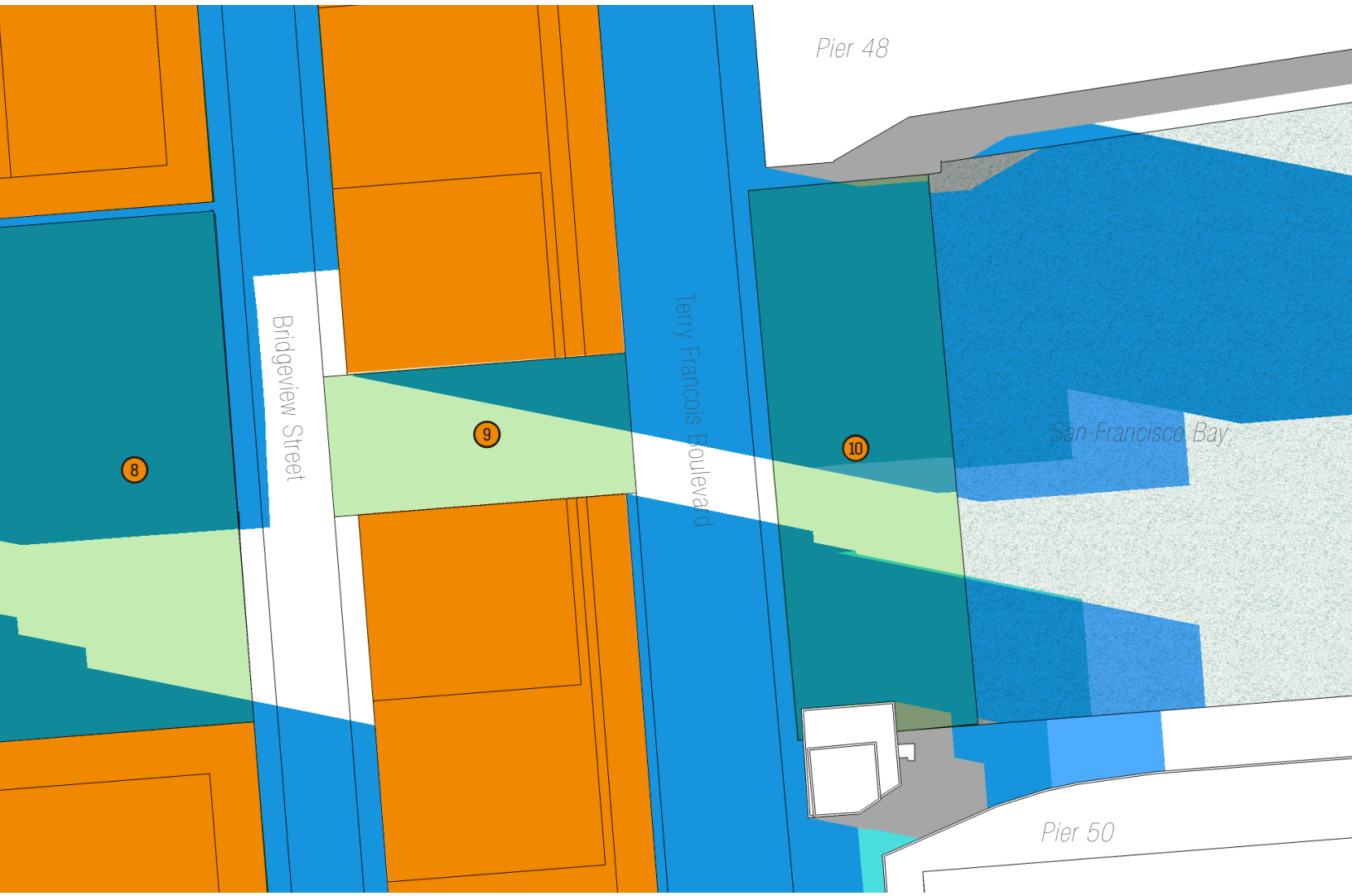
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.13 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

6:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

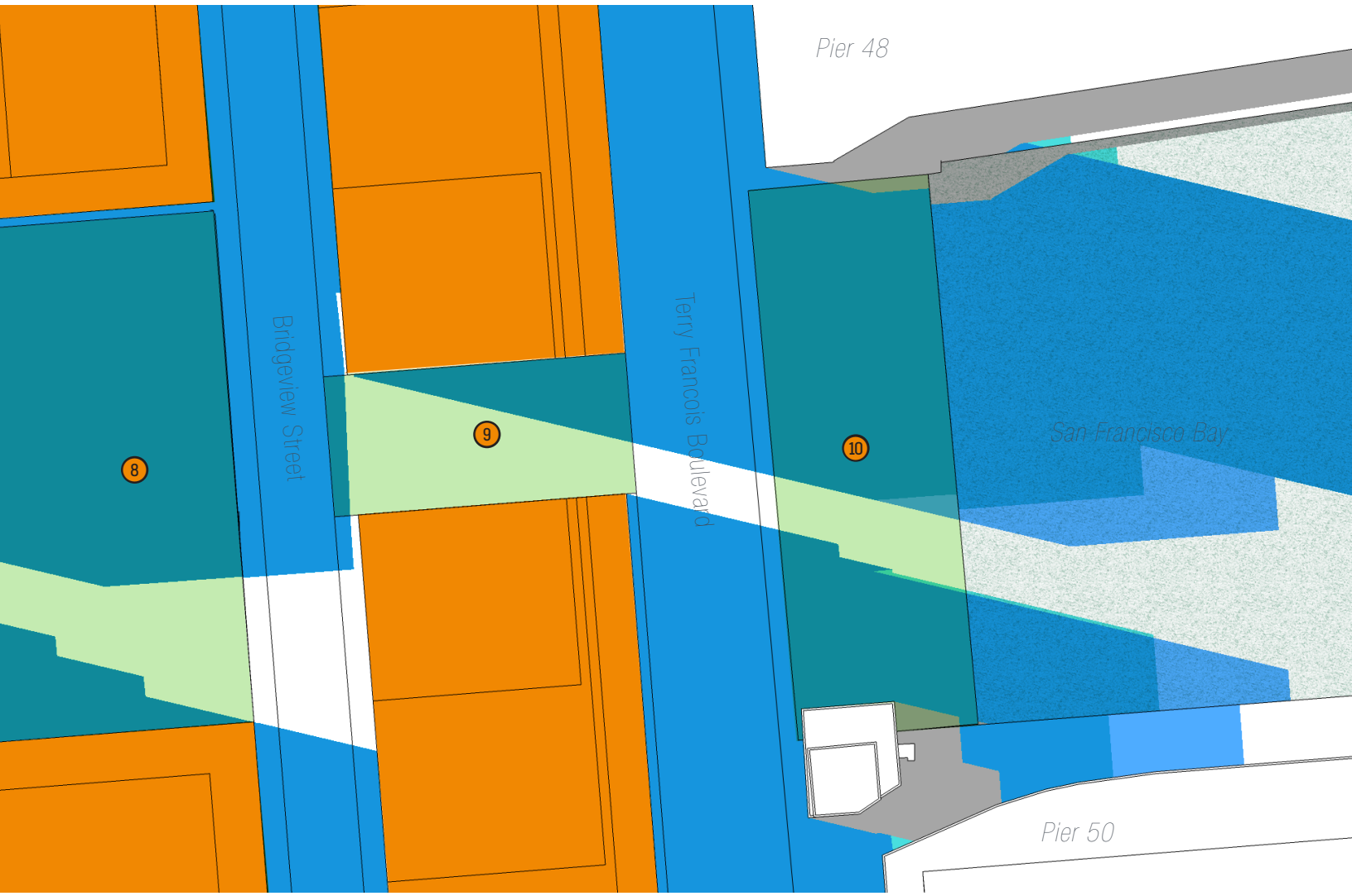
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.14 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

6:30 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

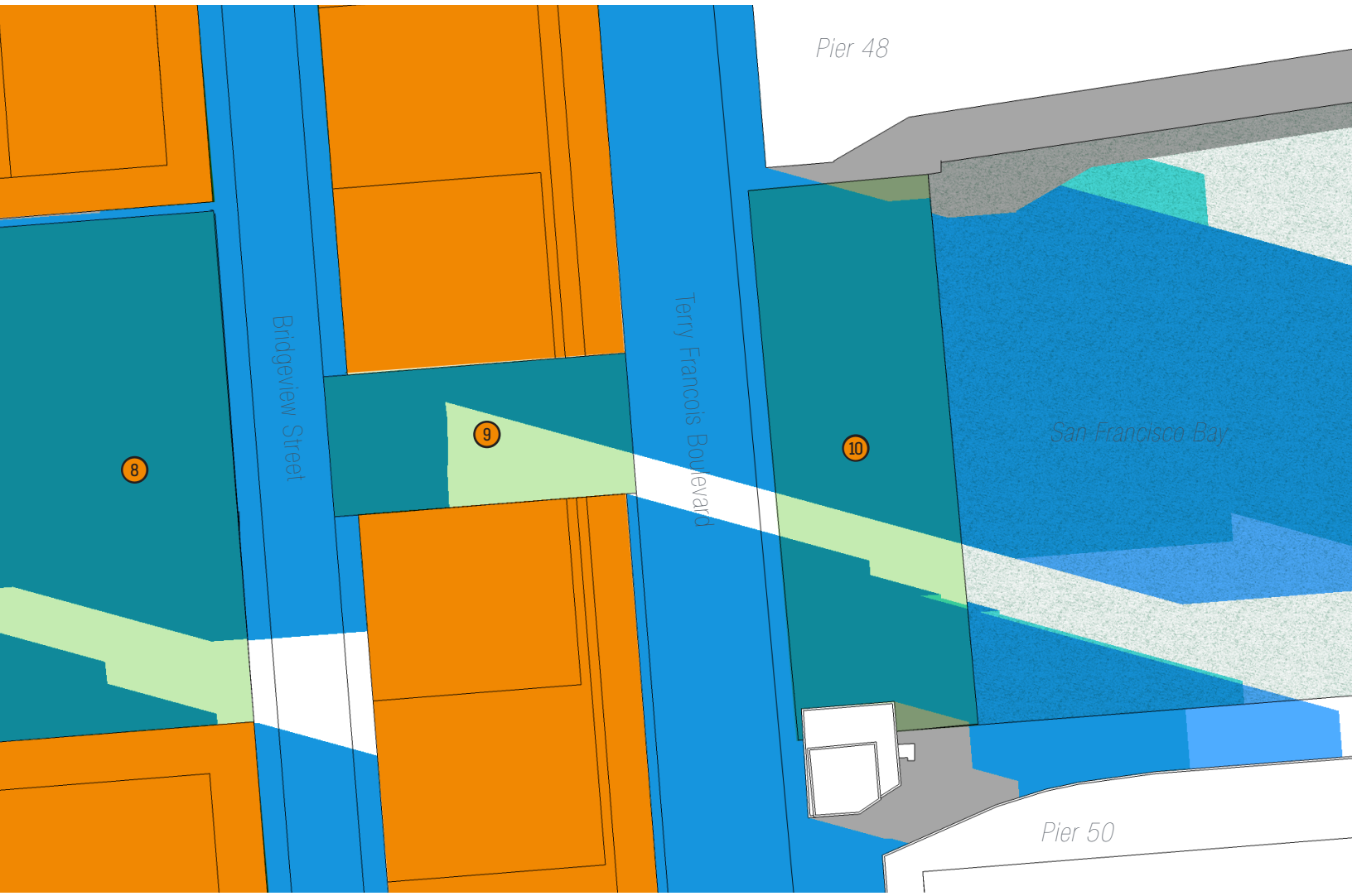
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.15 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

6:45 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

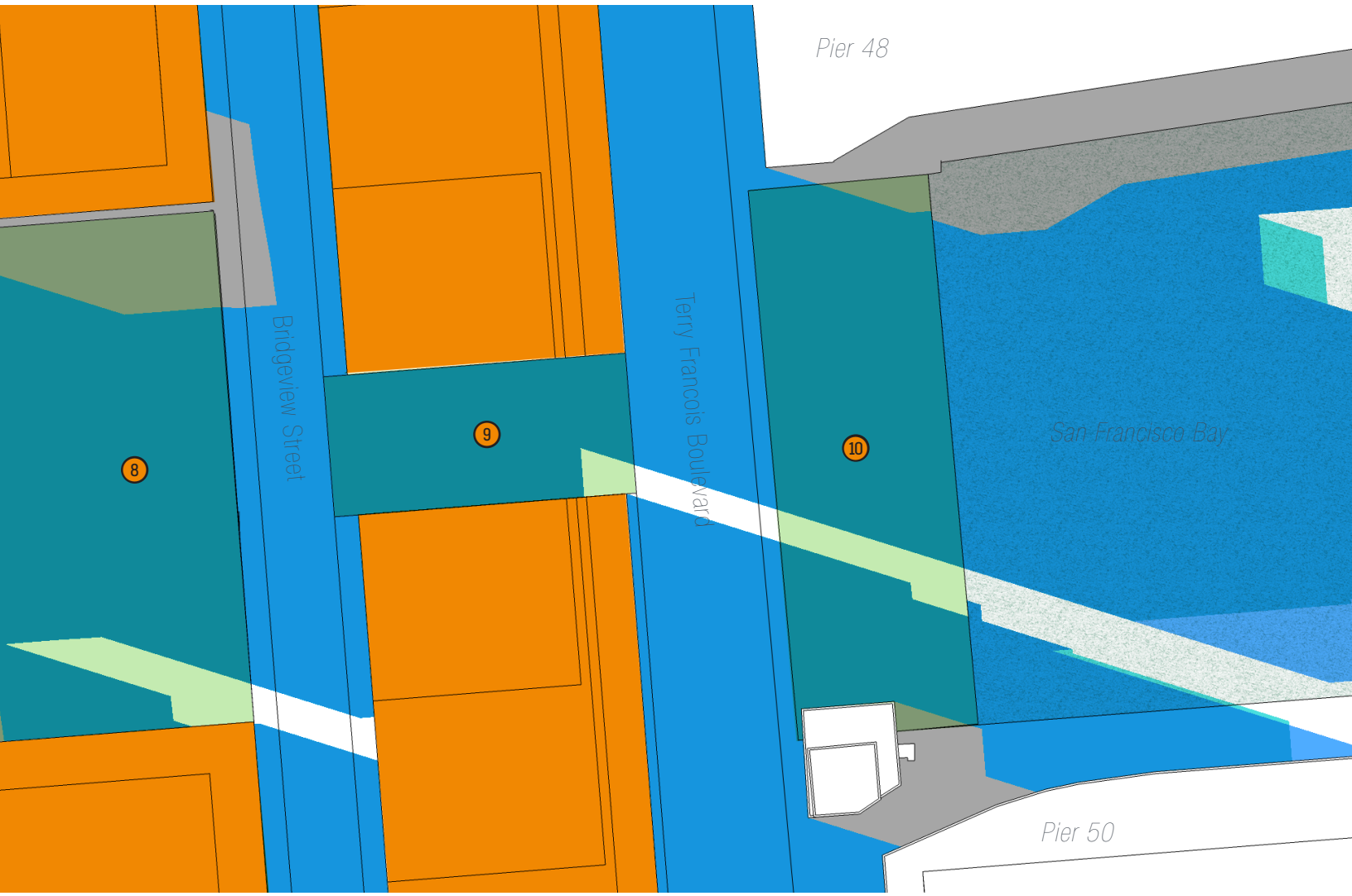
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.16 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

7:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

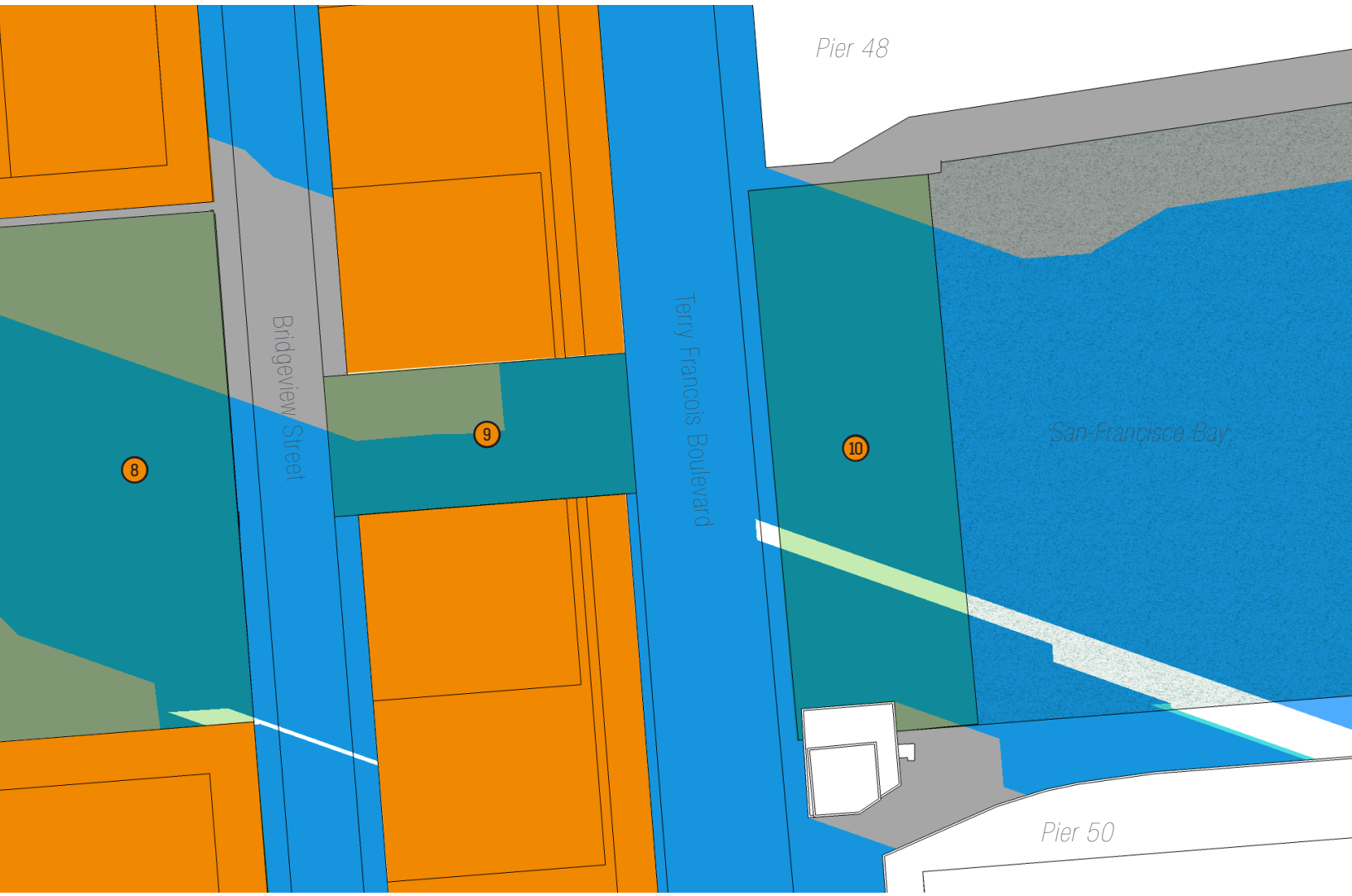
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.17 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

7:15 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

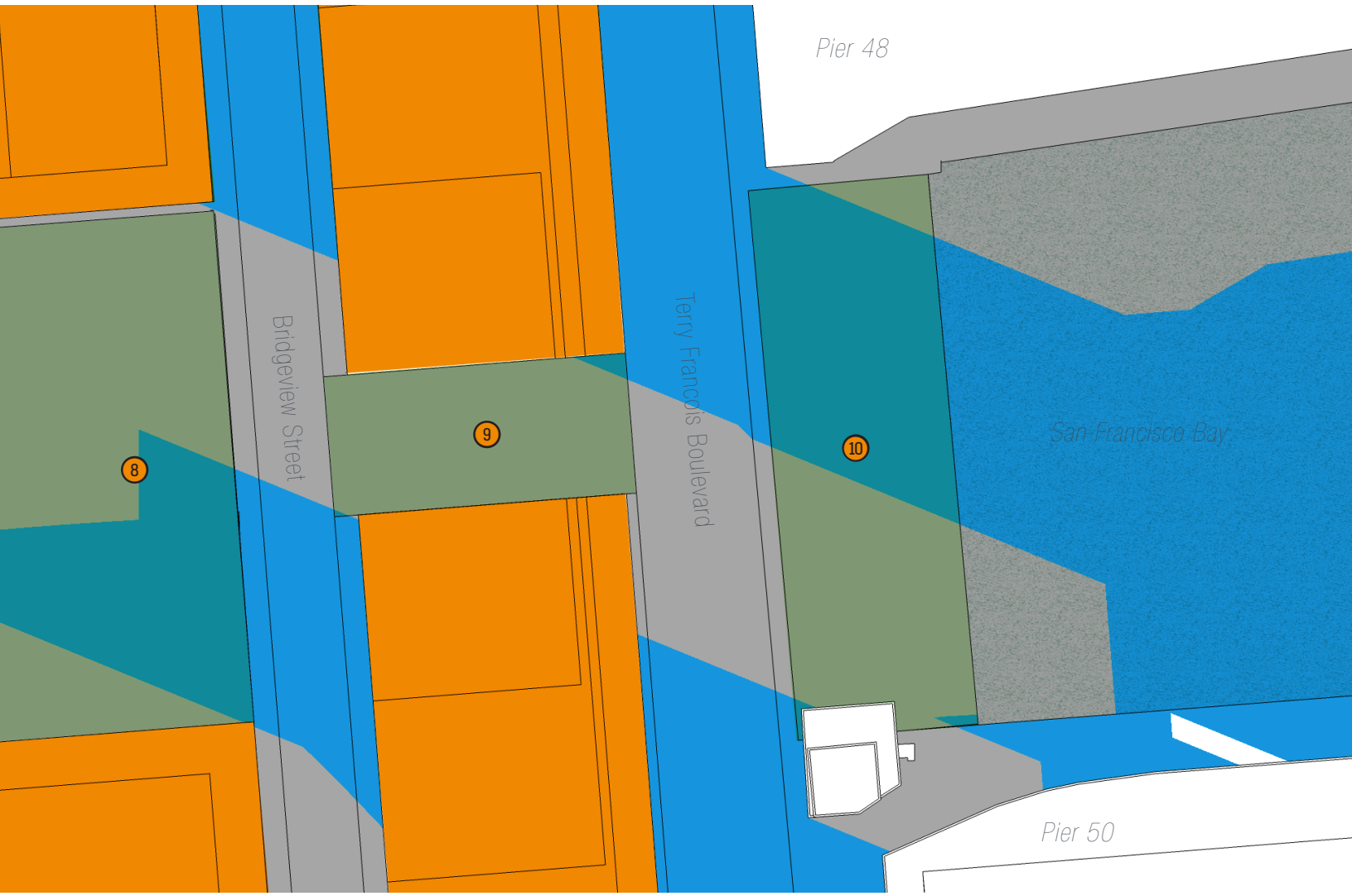
Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

K2.18 CHANNEL LANE & CHANNEL WHARF SHADING GRAPHICS

Channel Wharf: Date(s) of maximum shading



N

SUMMER SOLSTICE
JUNE 21

7:36 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

- 8 Mission Rock Square*
- 9 Channel Lane*
- 10 Channel Wharf*

**under construction / proposed*

EXHIBIT L: SHADOW DIAGRAMS ON PROPOSED MISSION CREEK PARK SOUTH P3 (MISSION BAY PARKS)

L1: Shadow Diagrams on Day of Maximum Shading

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset + at 15 minute intervals when new shading is present in the open space..

L1.1 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

7:31 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

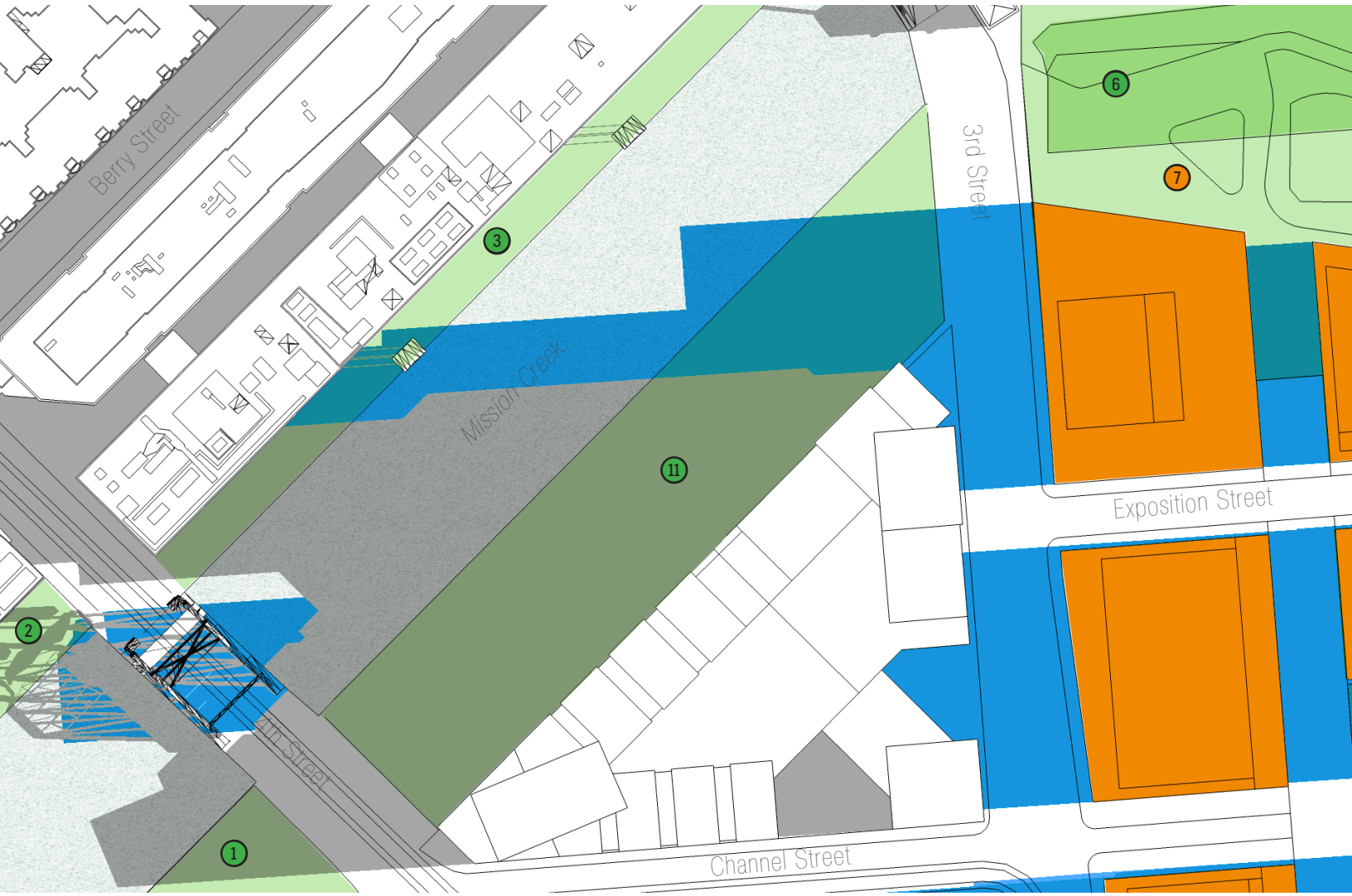
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.2 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

7:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

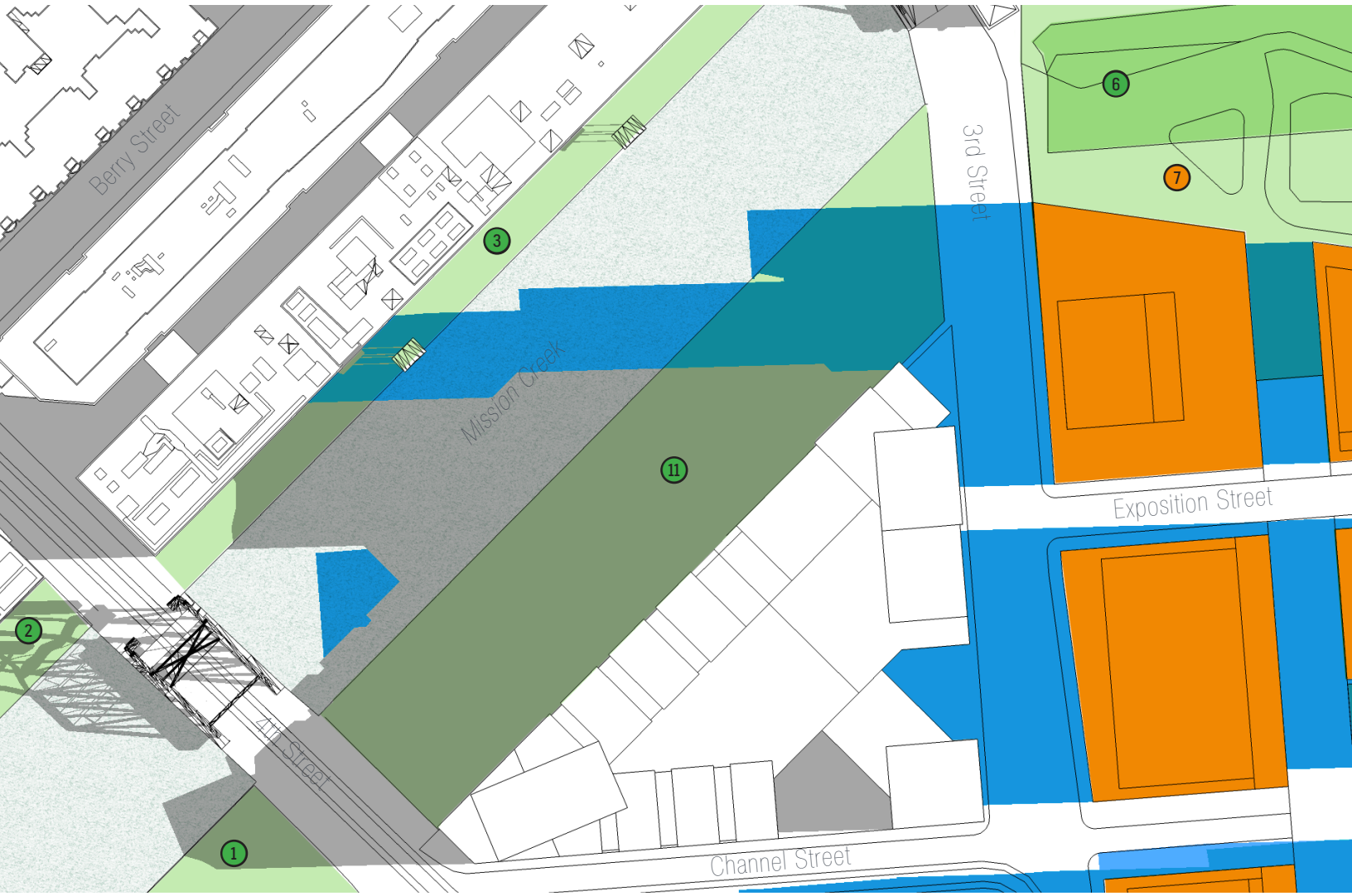
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.3 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

8:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

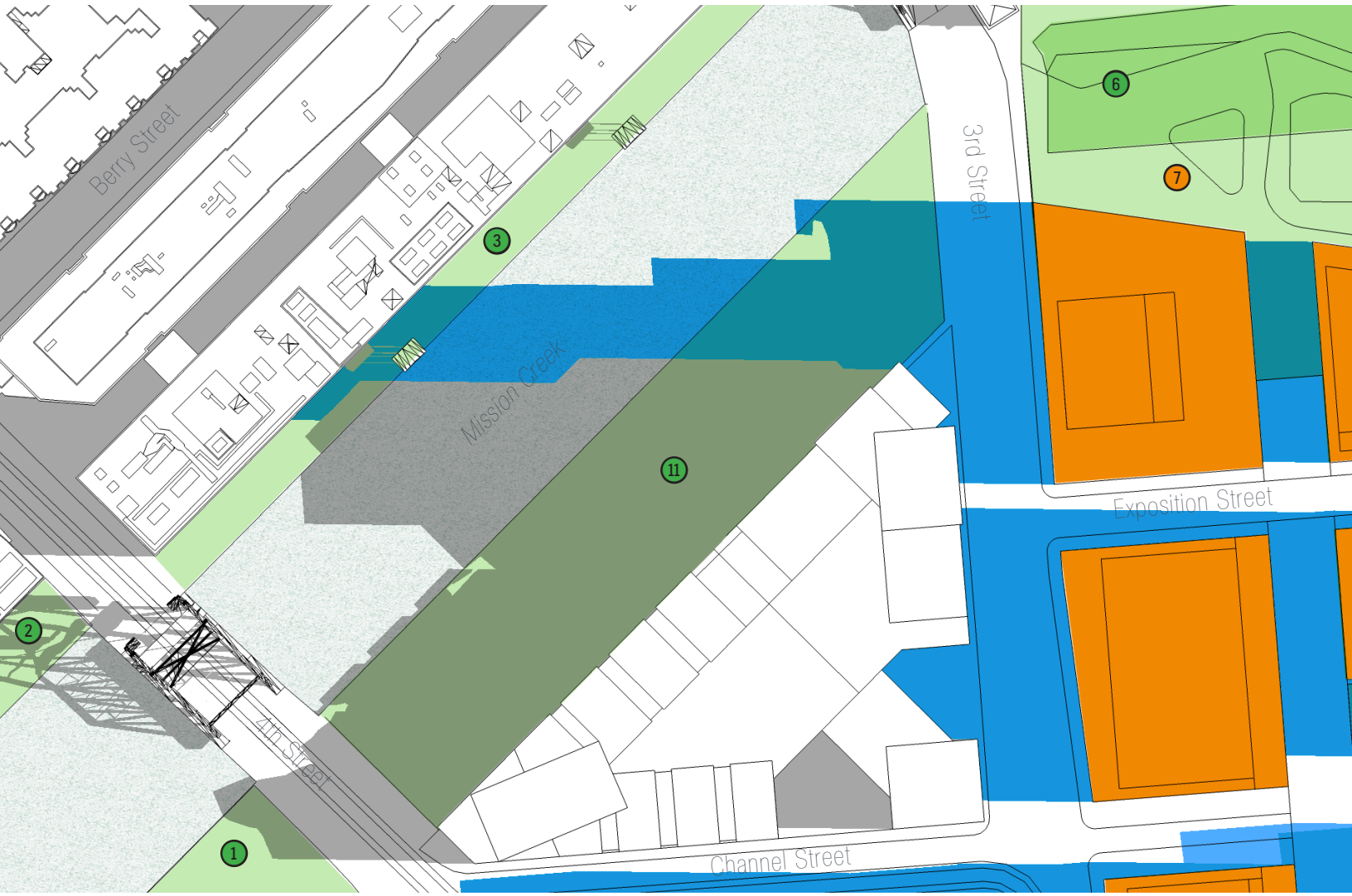
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.4 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

8:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

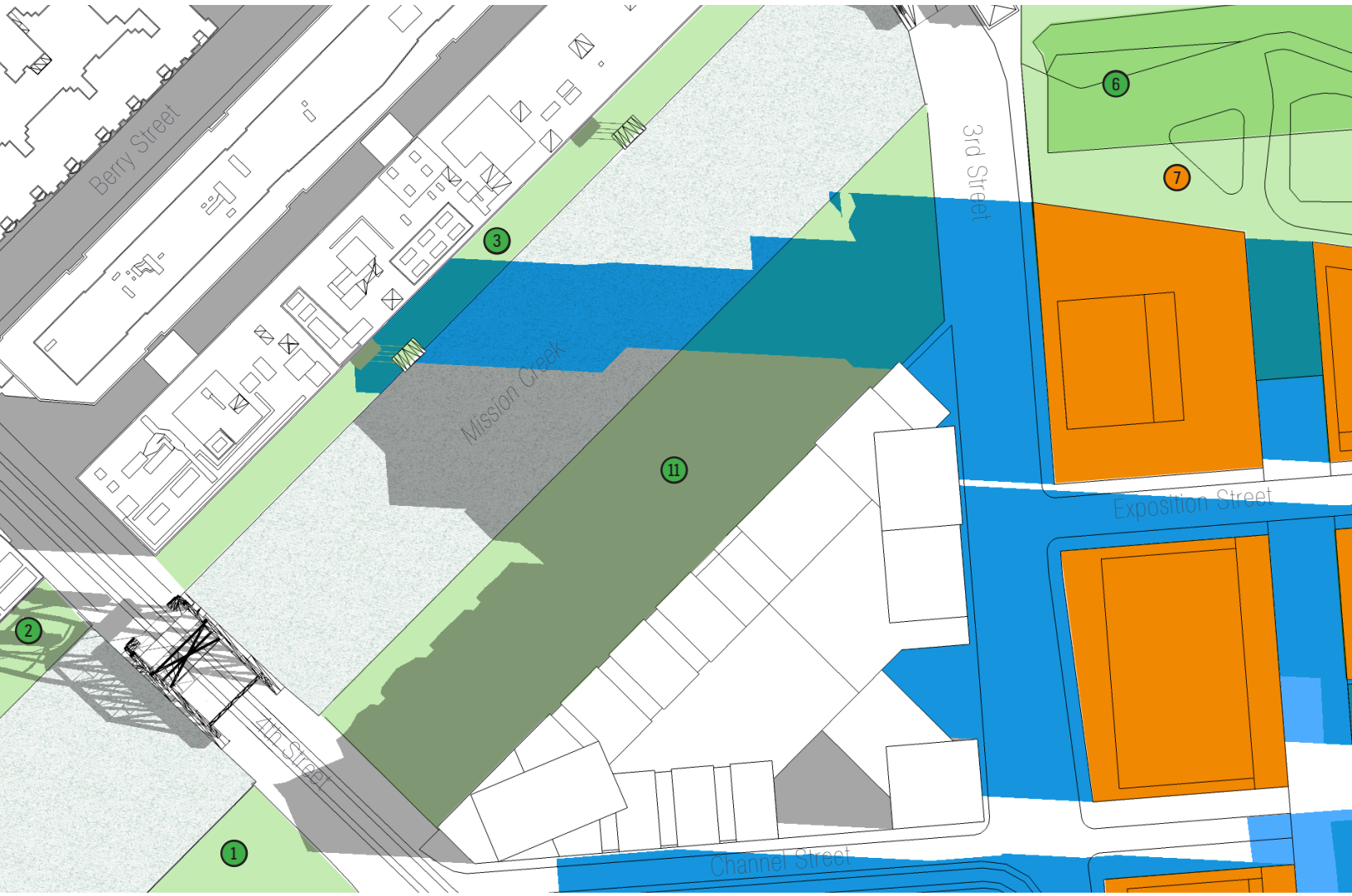
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.5 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

8:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

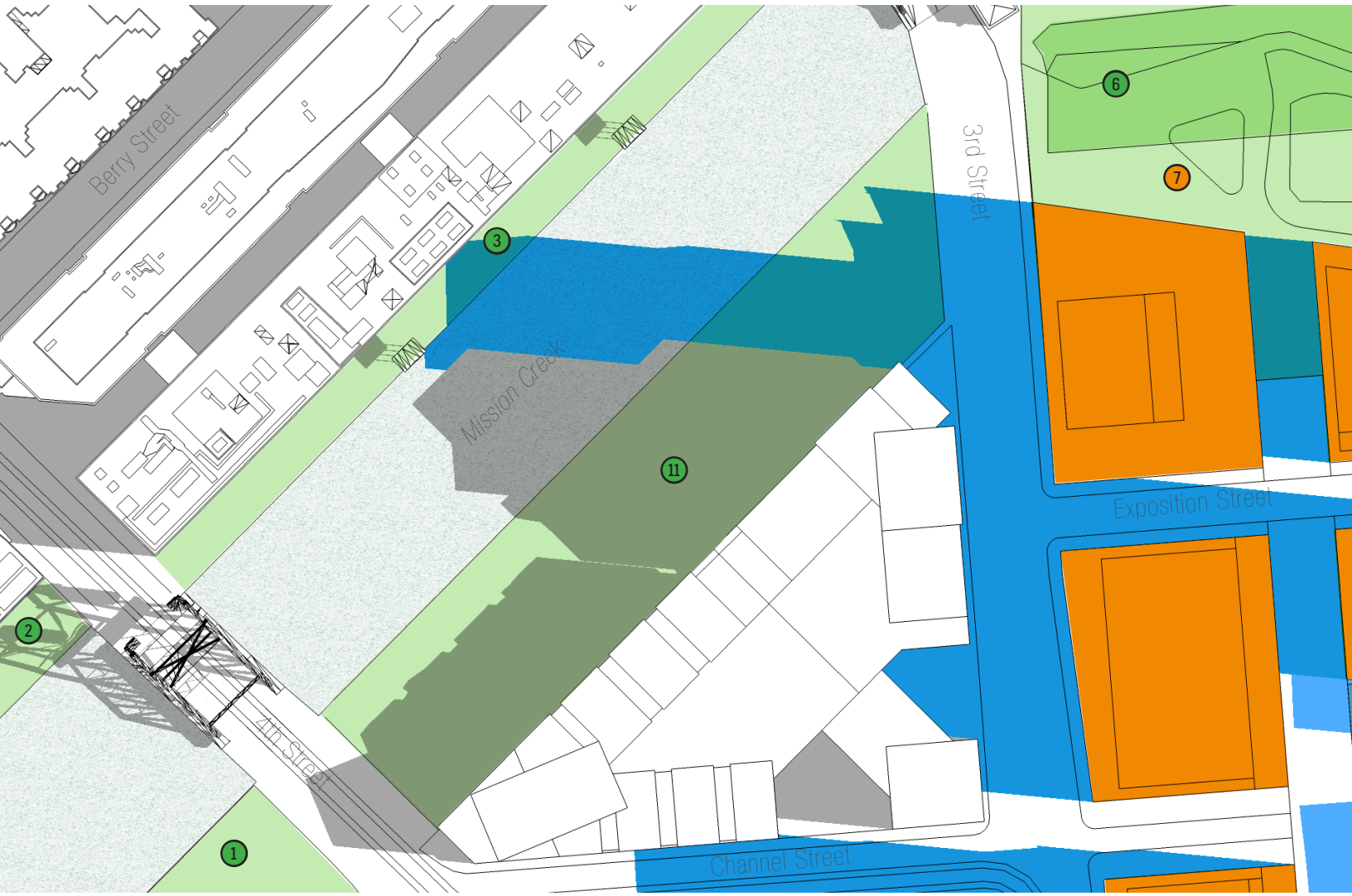
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.6 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

8:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

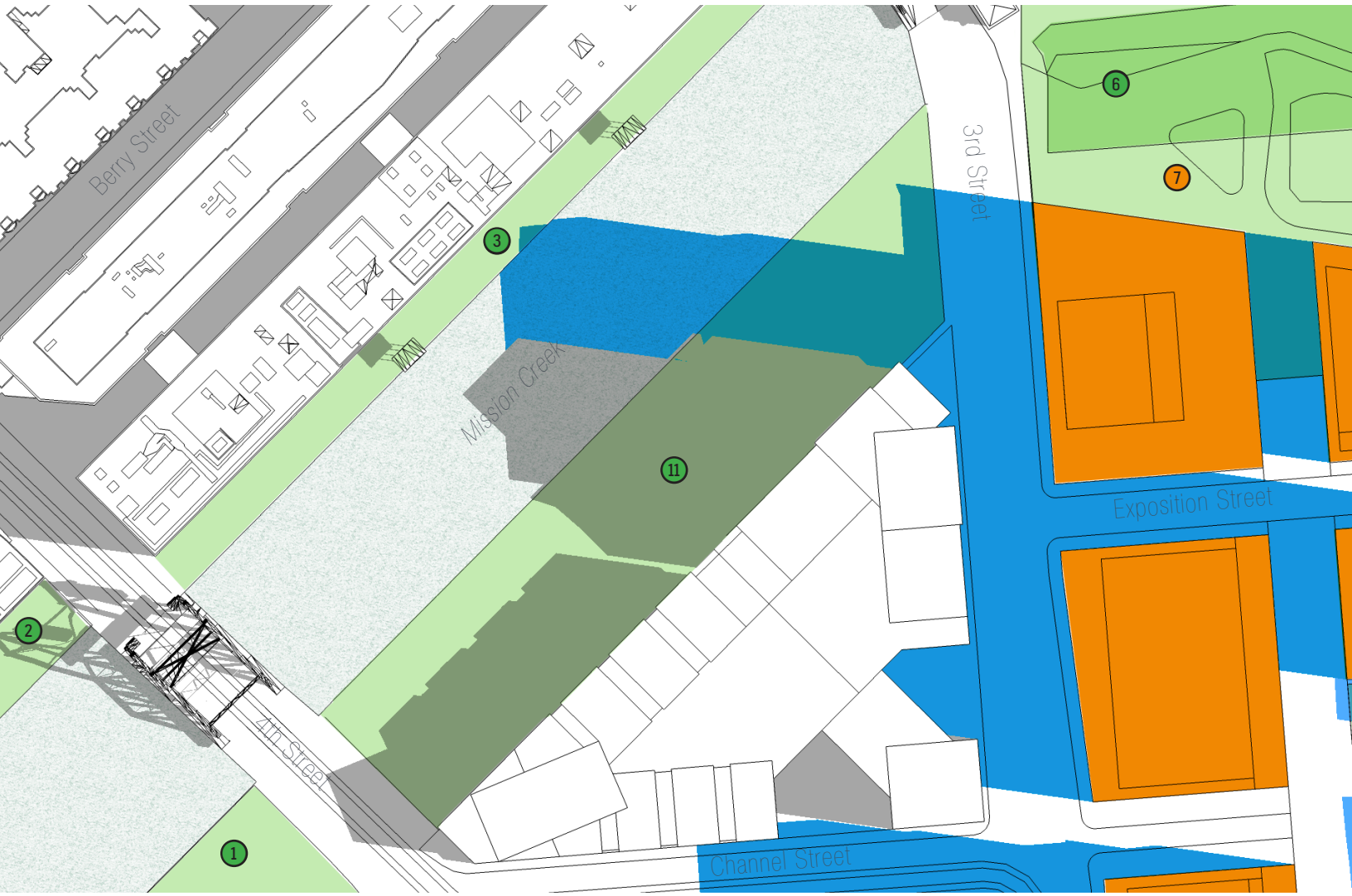
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.7 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

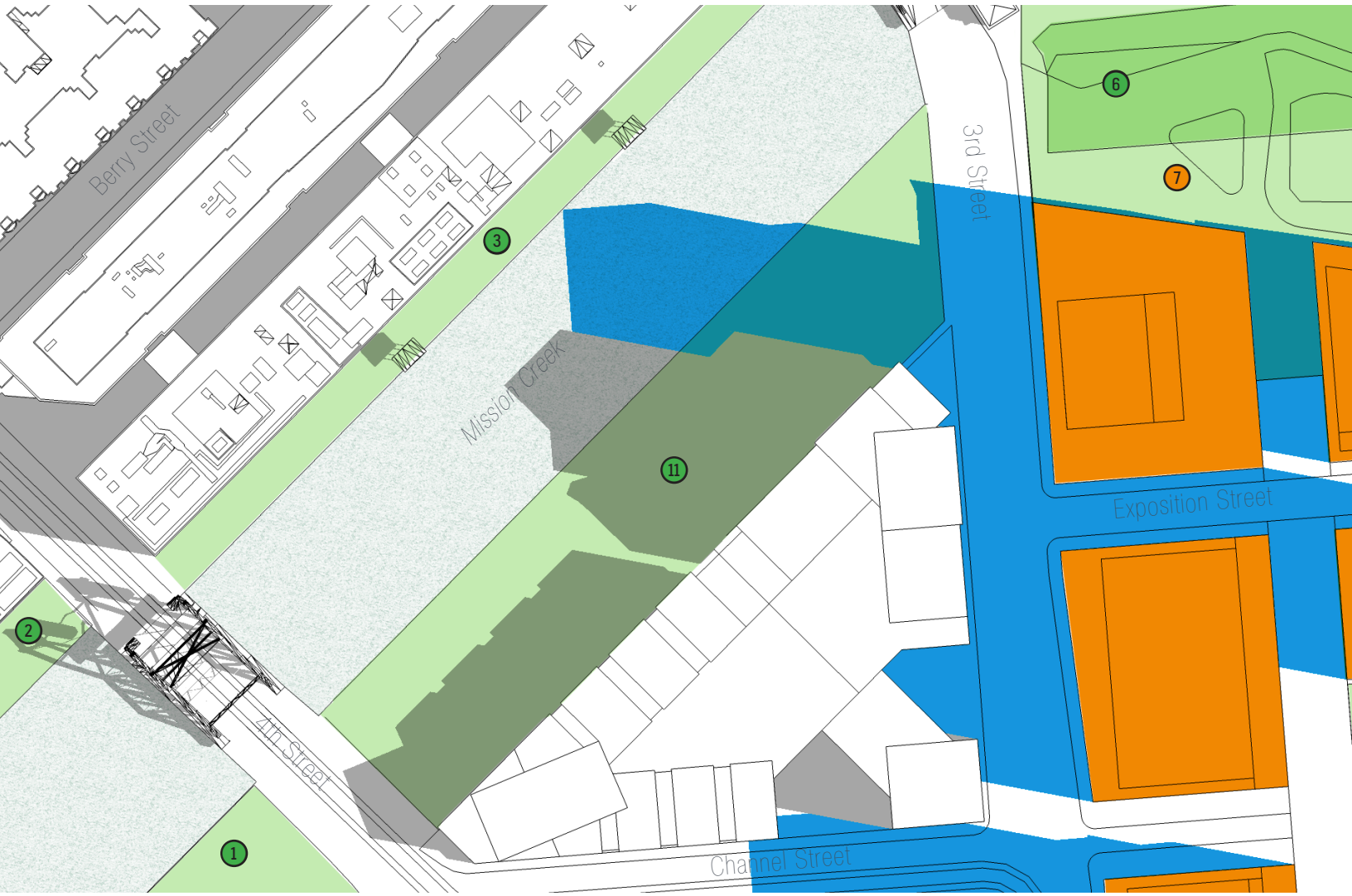
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.8 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

9:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

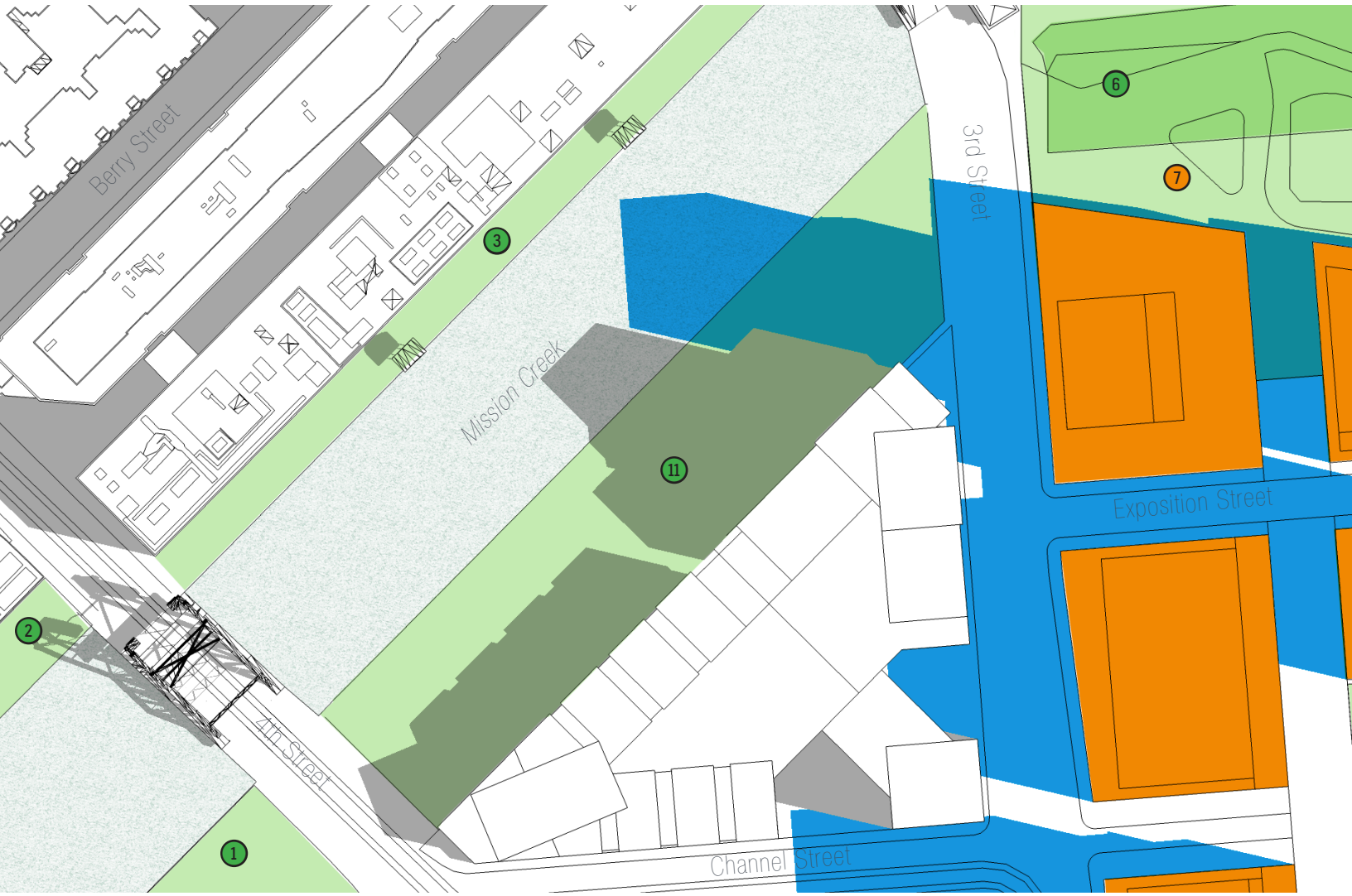
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.9 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

9:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

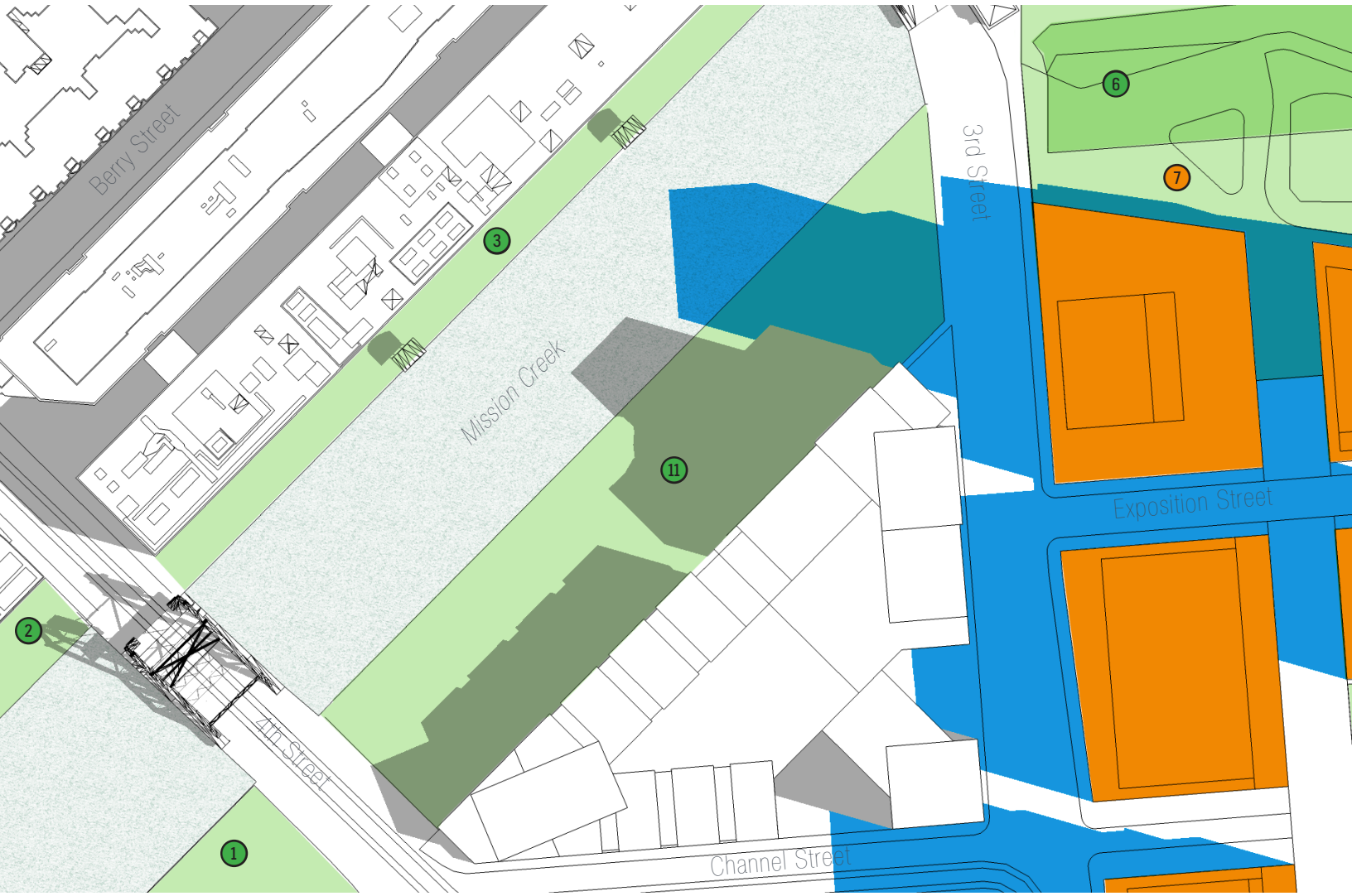
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.10 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

9:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

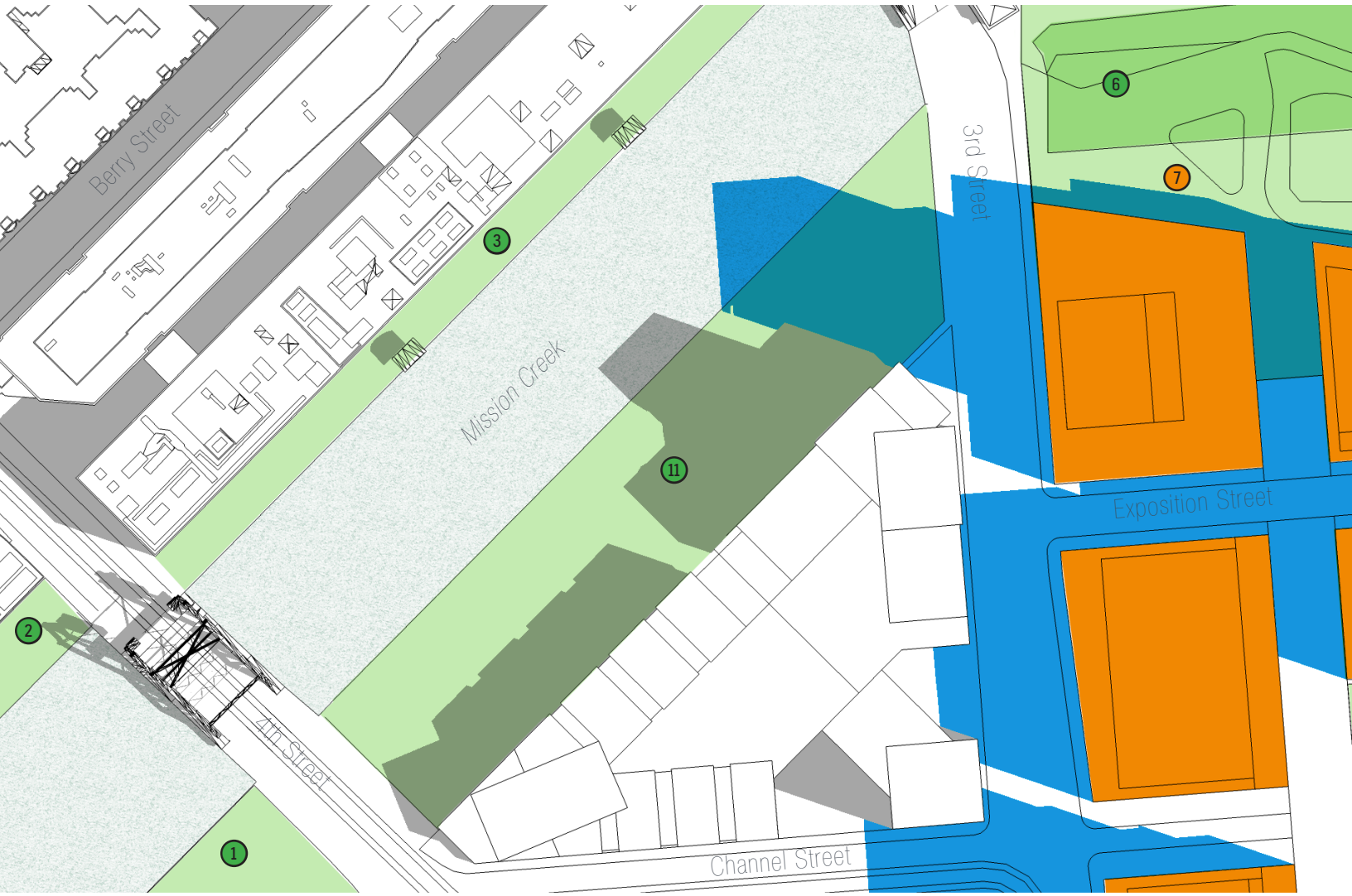
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.11 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

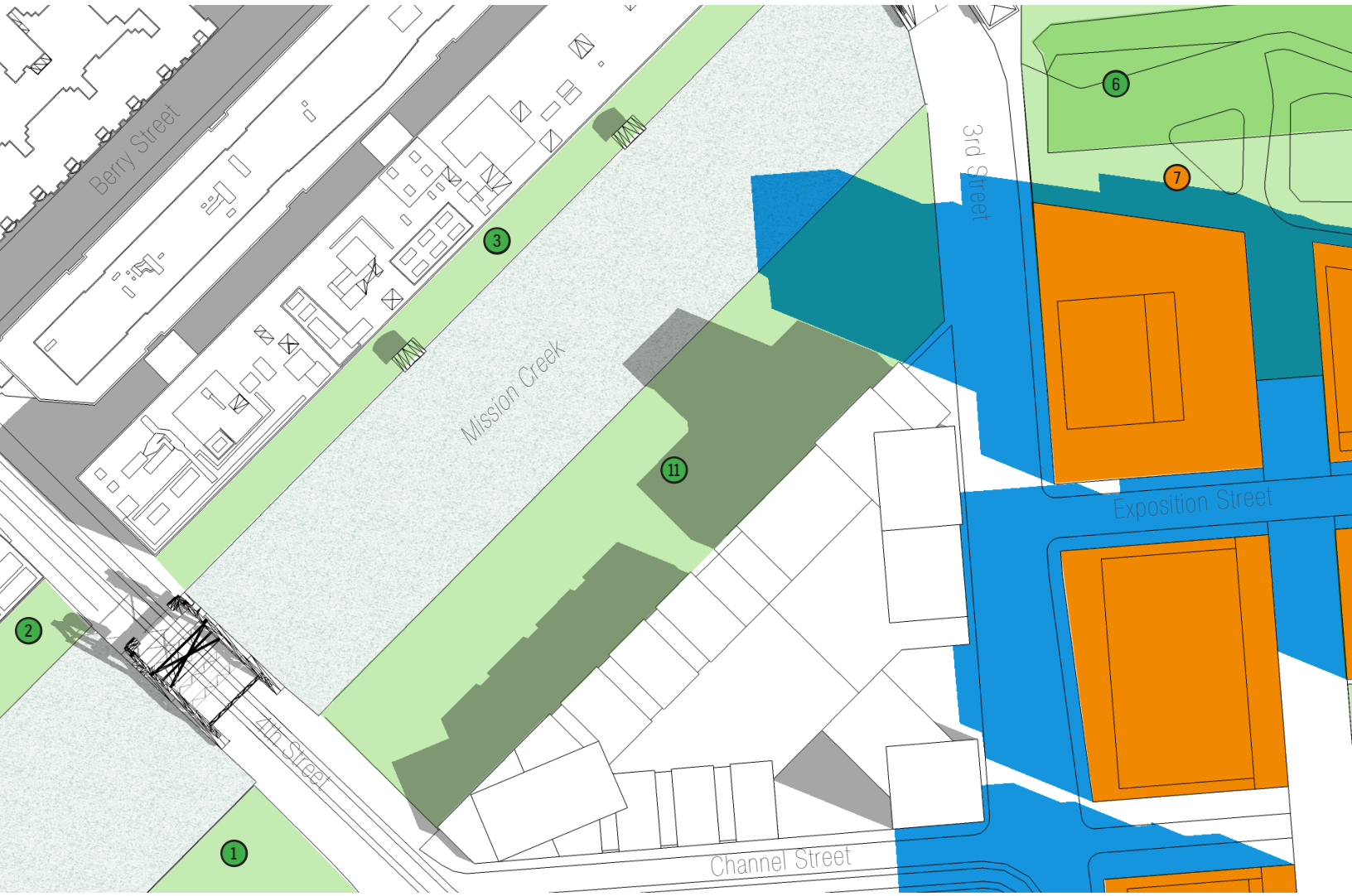
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.12 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

10:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

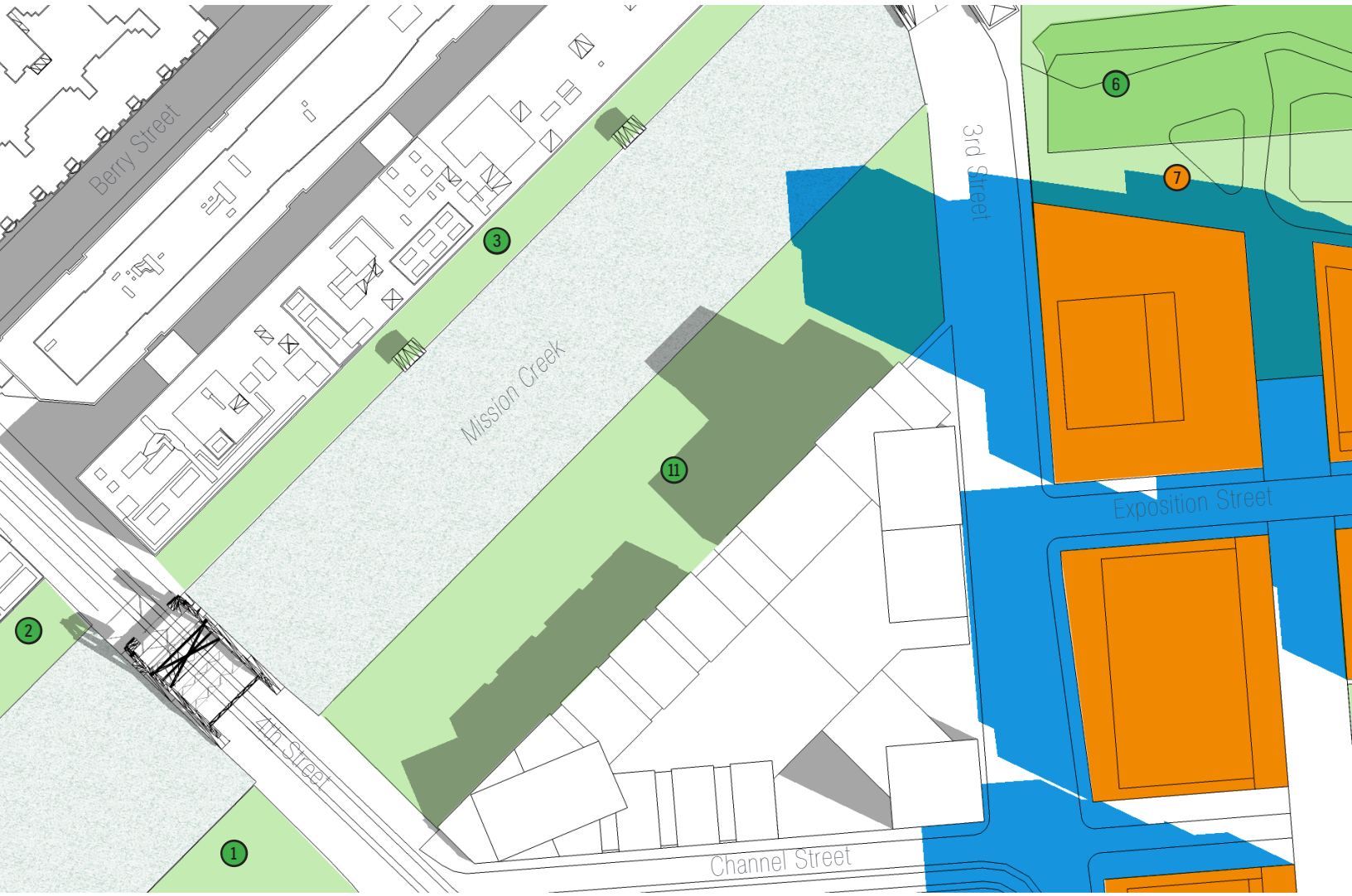
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.13 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

10:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

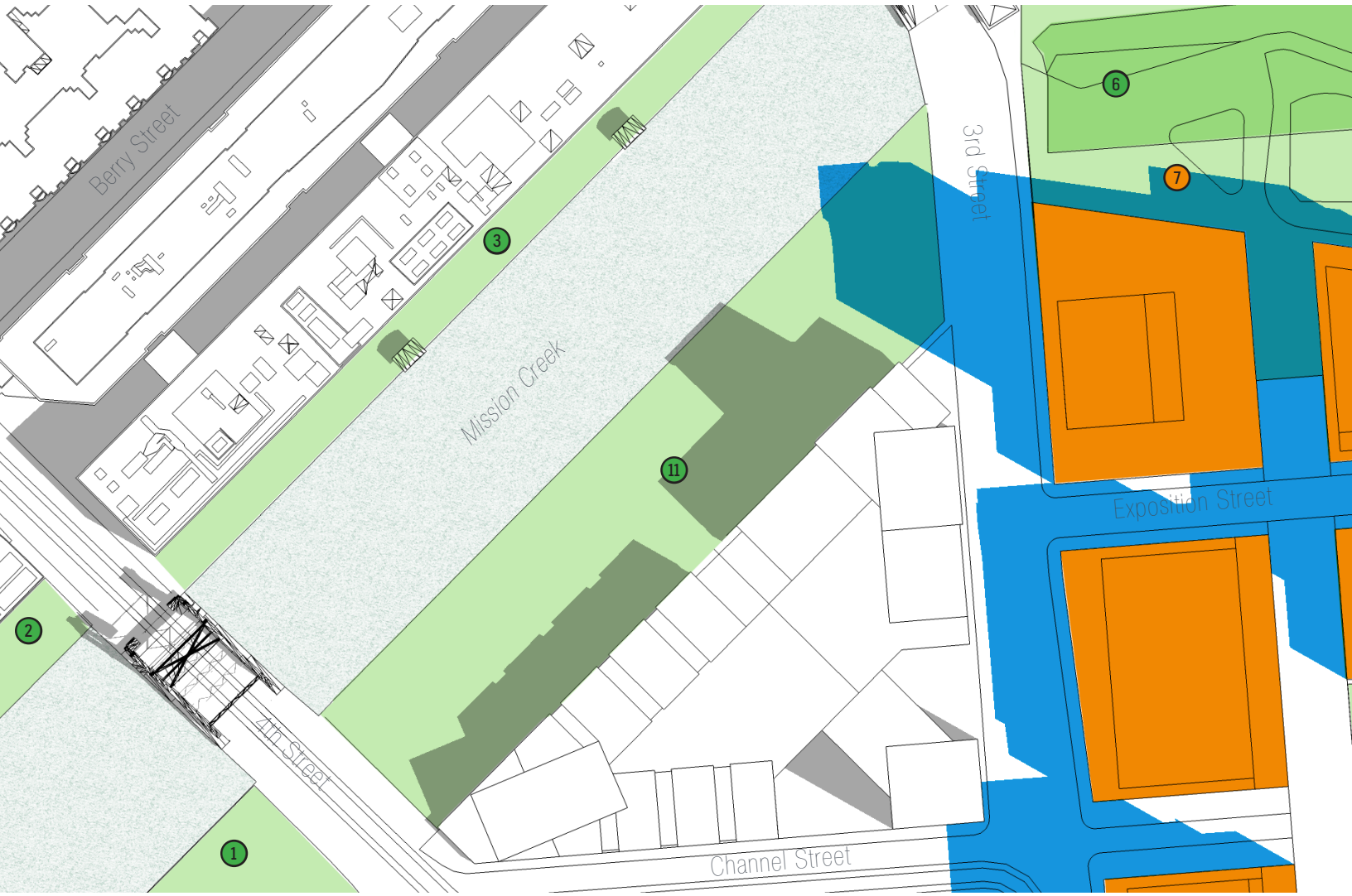
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.14 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

10:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.15 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

11:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.16 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

11:15 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.17 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

11:30 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.18 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

11:45 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.19 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

12:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.20 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

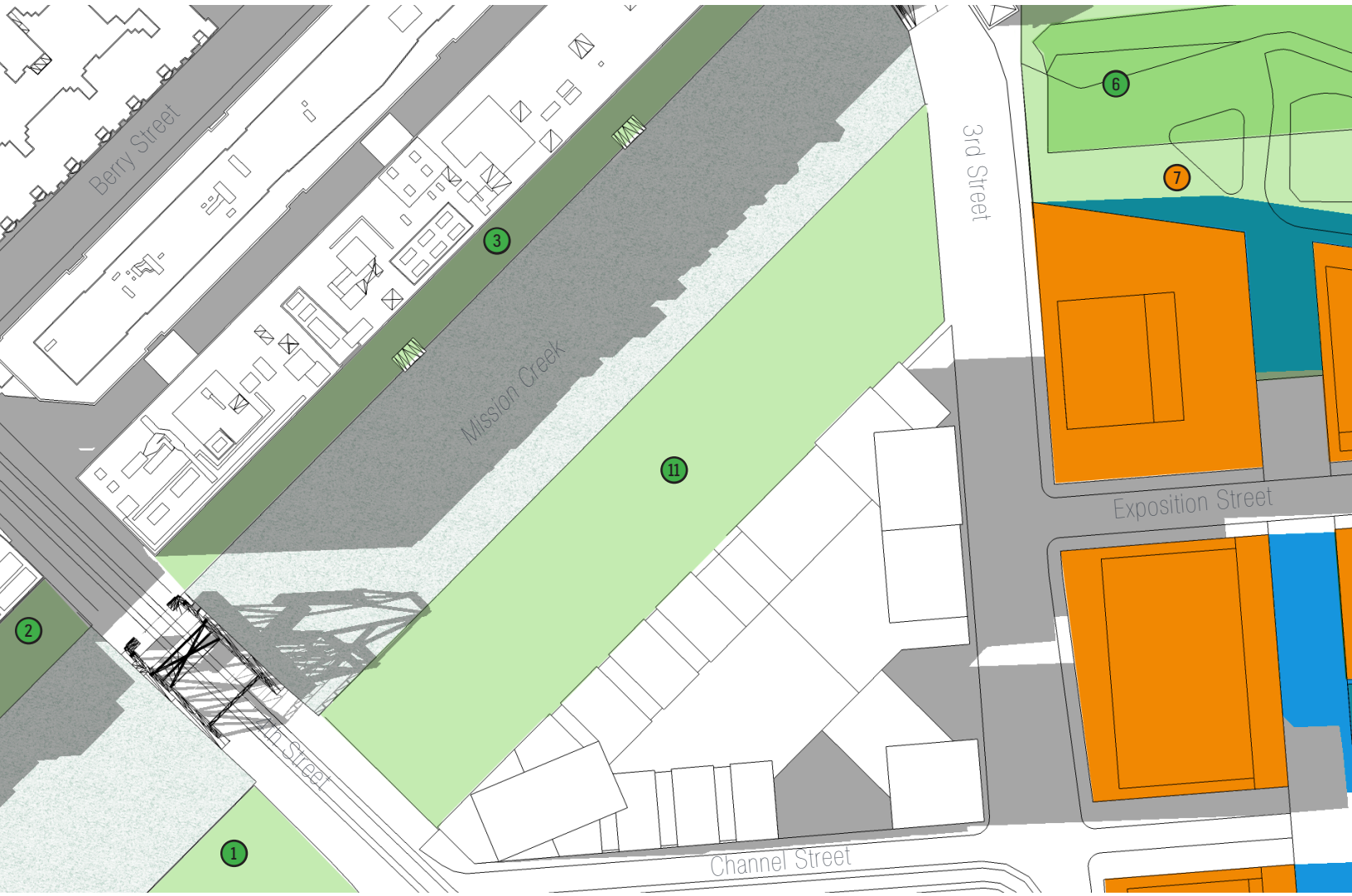
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.21 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

6:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

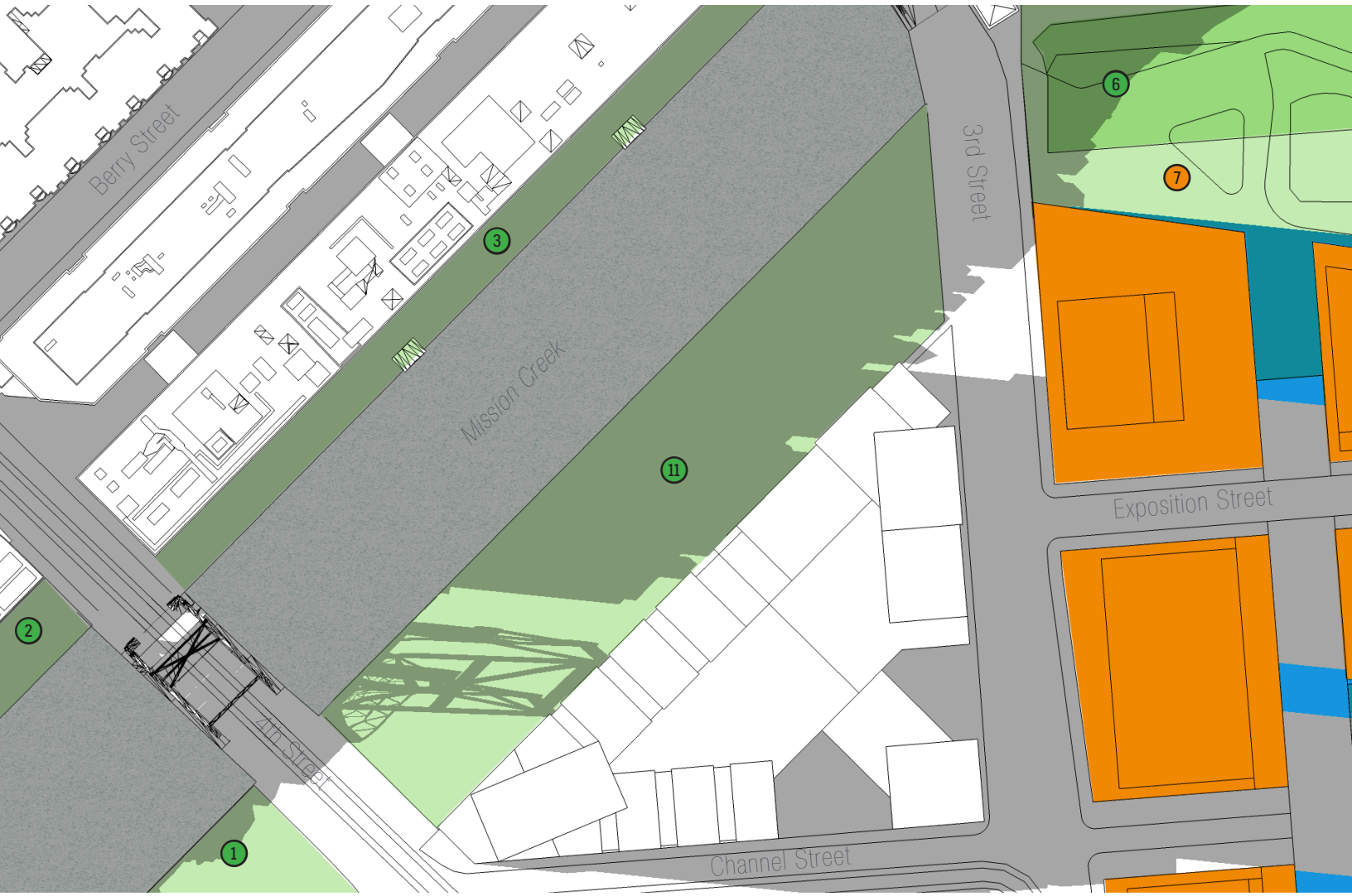
Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

L1.22 MISSION CREEK PARK SOUTH (P3) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
AUGUST 23

6:52 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces (listed in orange if part of Seawall 337 project)

1. Mission Creek Park South (P1)
2. Mission Creek Park Esplanade
3. China Basin Building Promenade
6. China Basin Park (existing)
7. New China Basin Park*
11. Mission Creek Park South (P3)*

**under construction / proposed*

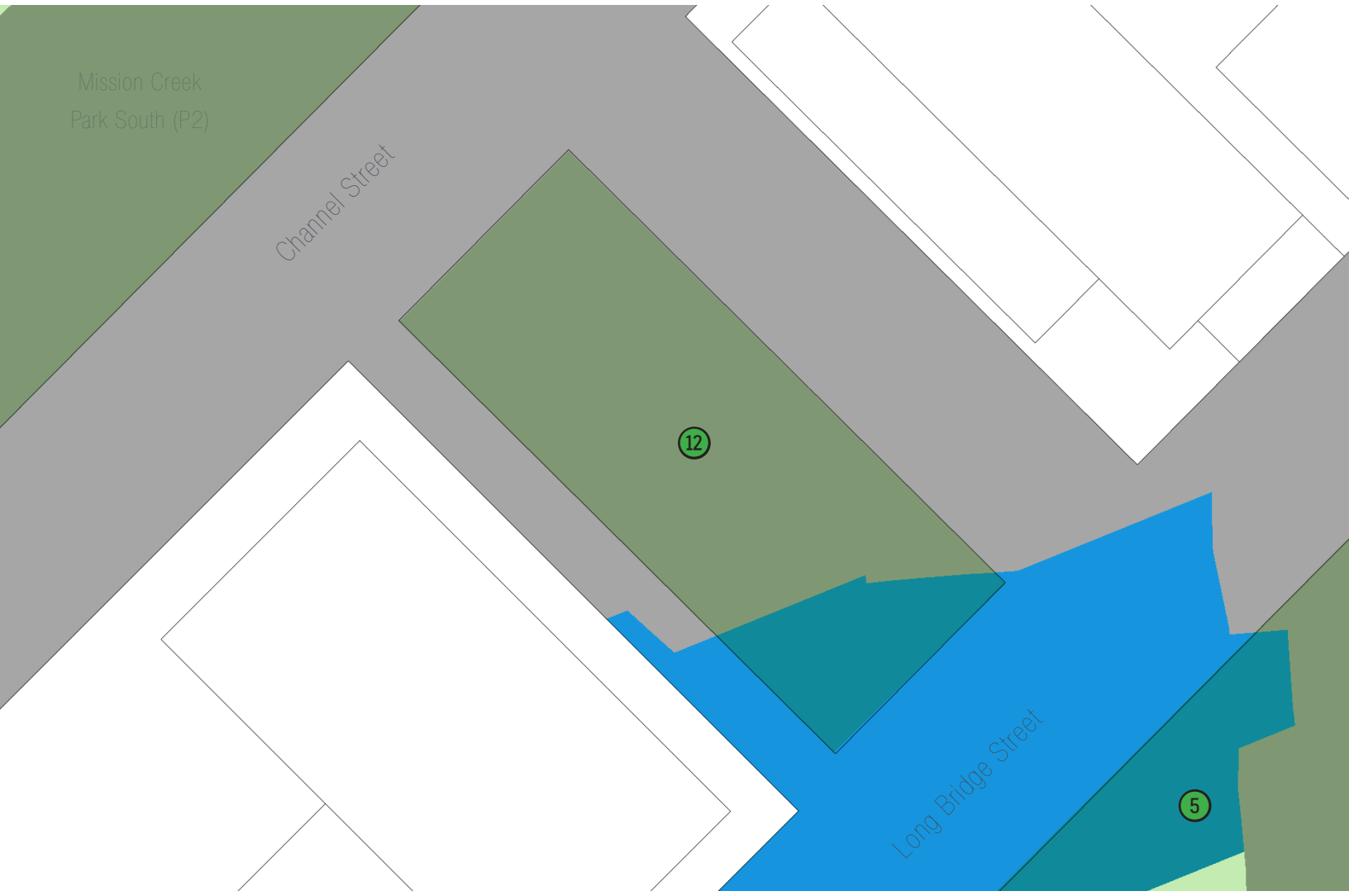
EXHIBIT M: SHADOW DIAGRAMS ON PROPOSED DOG RUN P5 (MISSION BAY PARKS)

M1: Shadow Diagrams on Day of Maximum Shading

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset + at 15 minute intervals when new shading is present in the open space..

M1.1 DOG RUN (P5) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

6:48 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

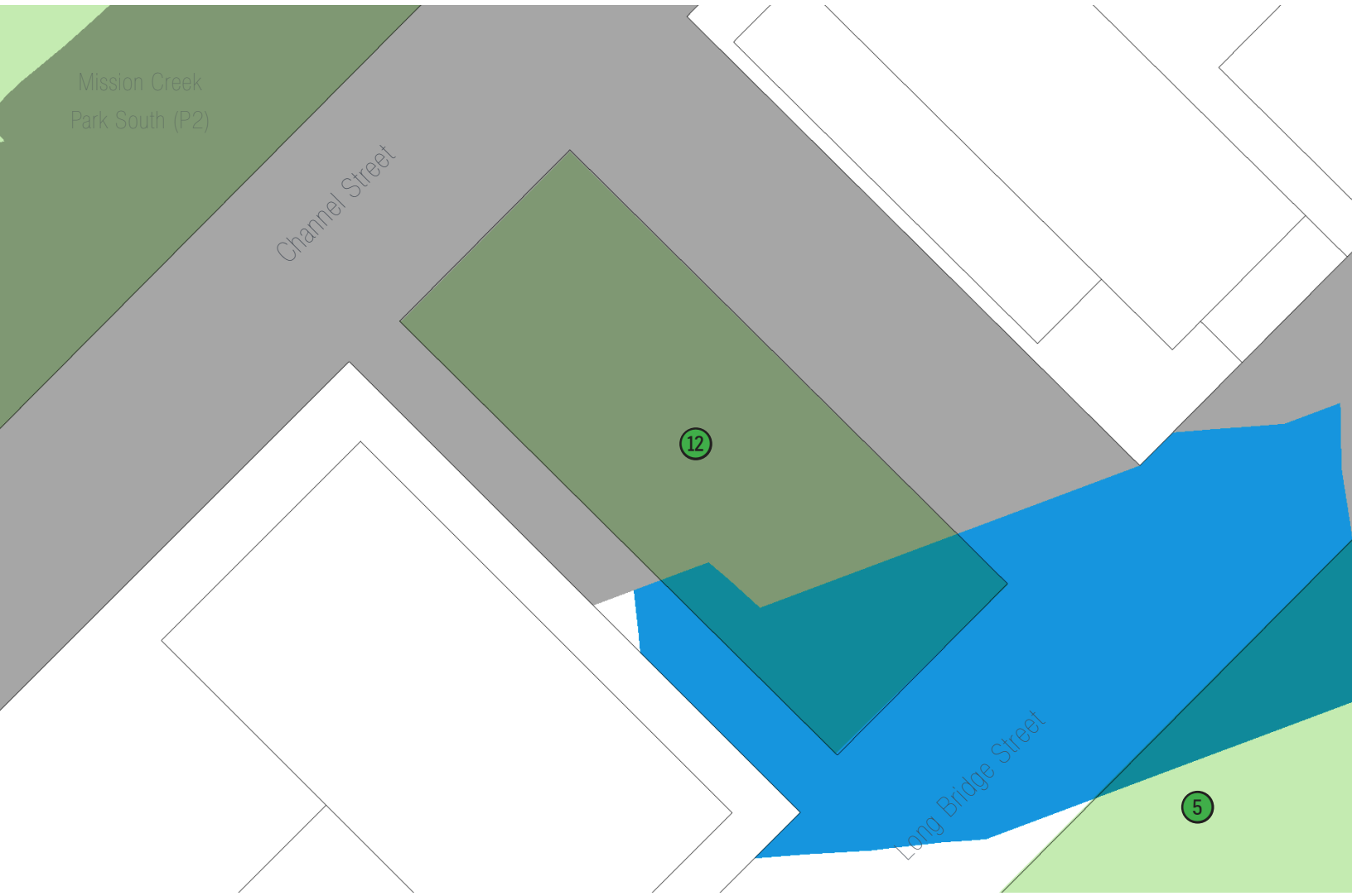
Open Spaces

- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

M1.2 DOG RUN (P5) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

7:00 AM

LEGEND

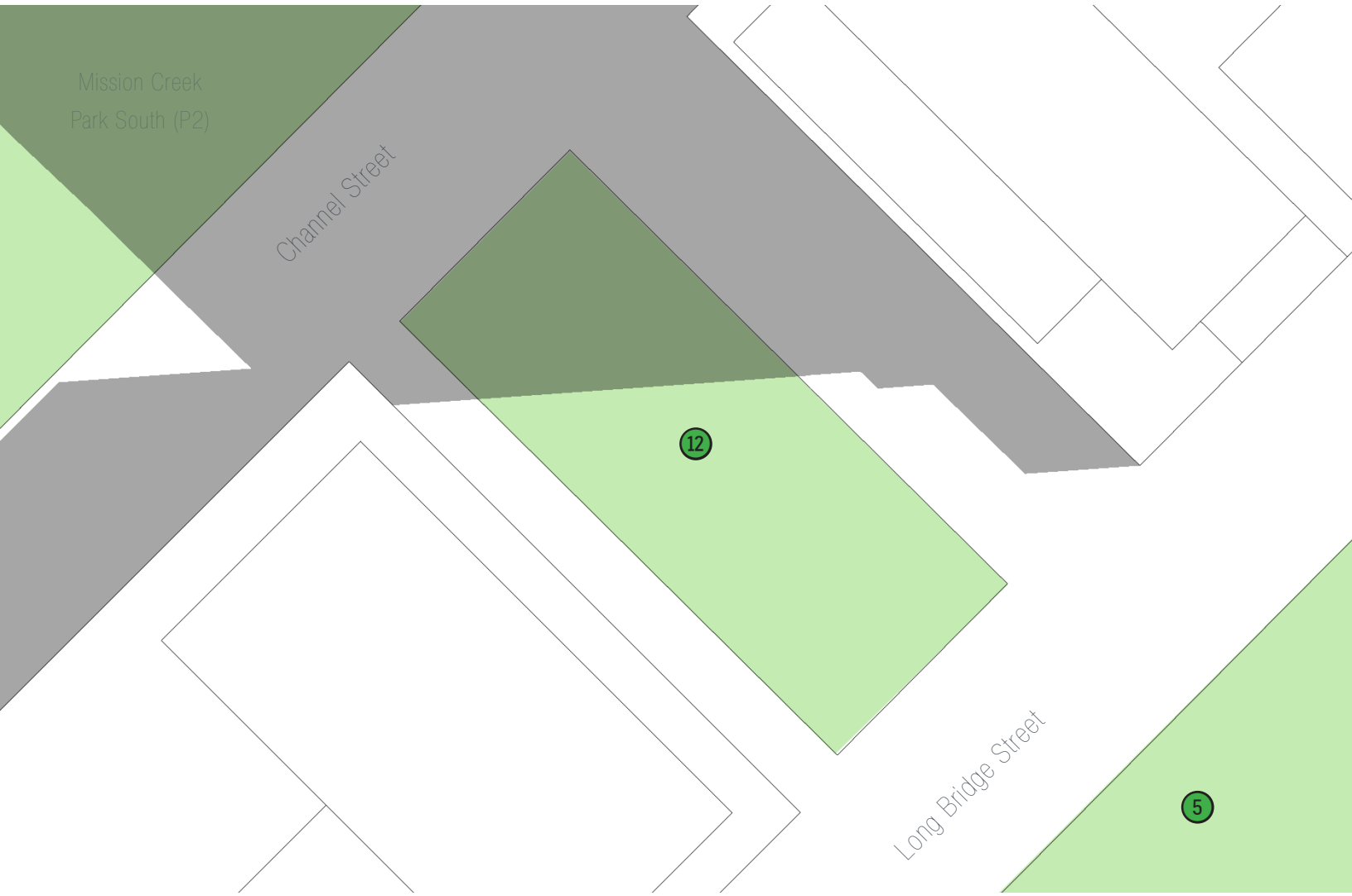
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

M1.3 DOG RUN (P5) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

9:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

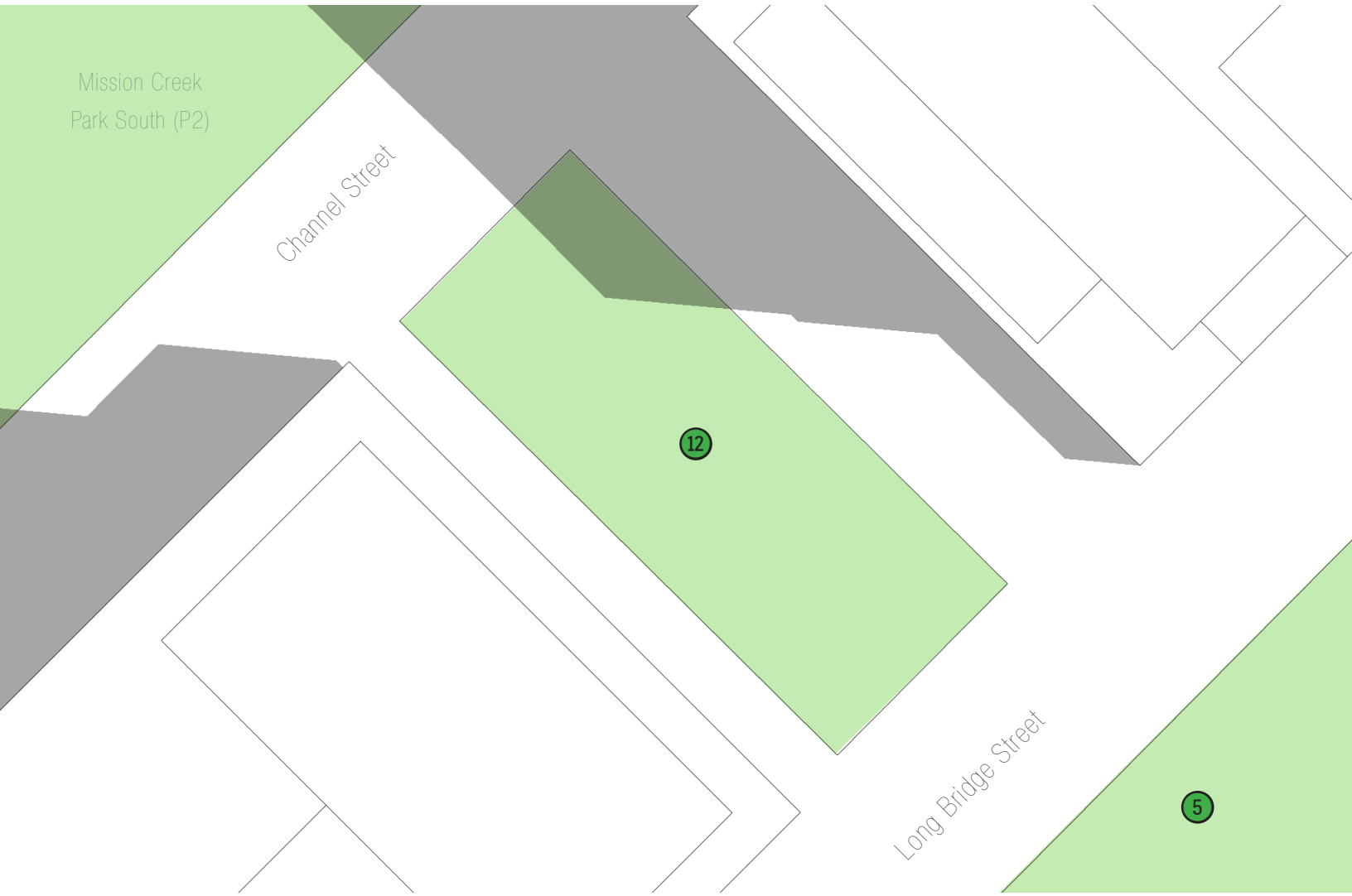
Open Spaces

- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

M1.4 DOG RUN (P5) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

10:00 AM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

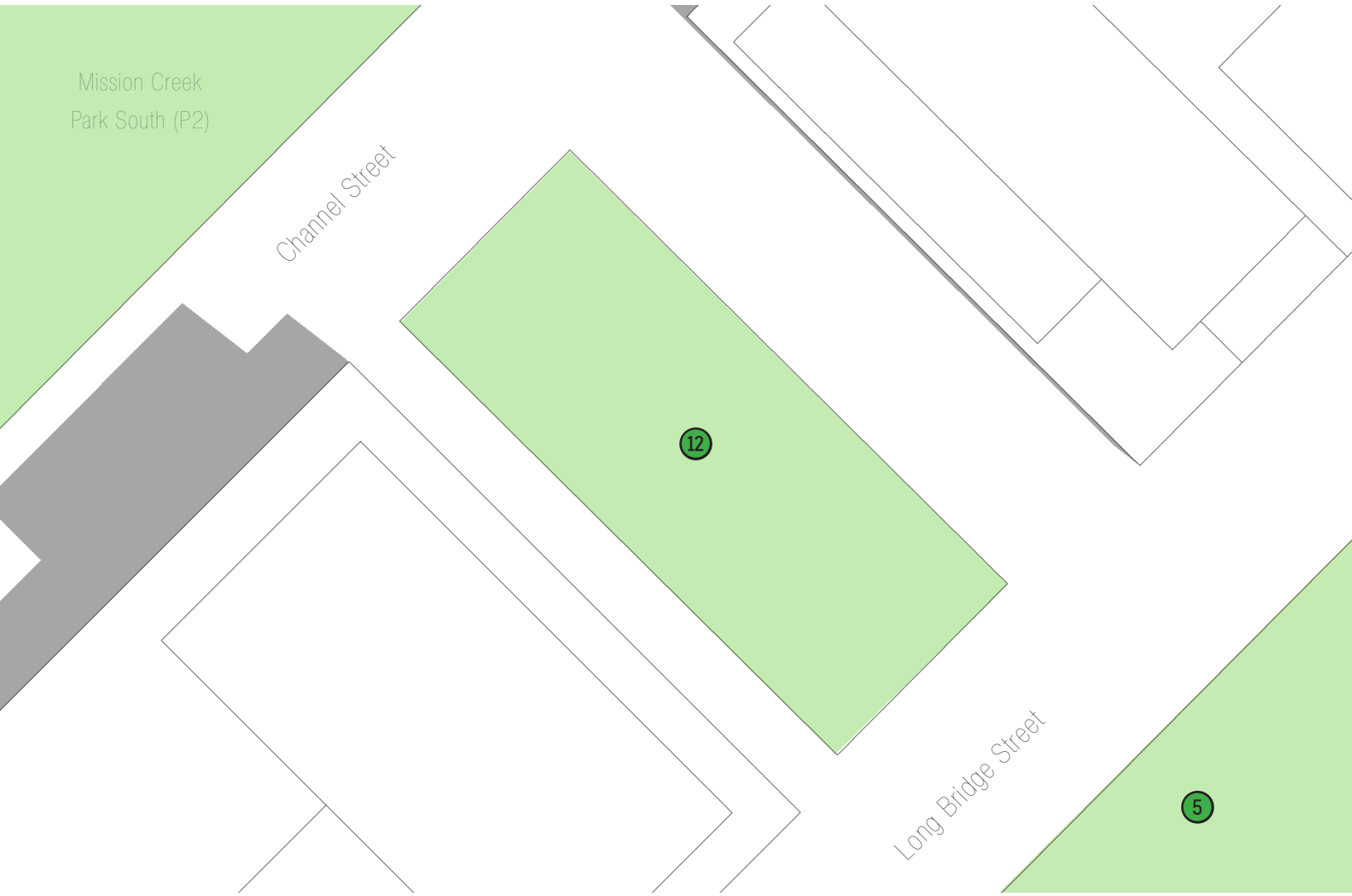
Open Spaces

- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

M1.5 DOG RUN (P5) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

12:00 PM

LEGEND

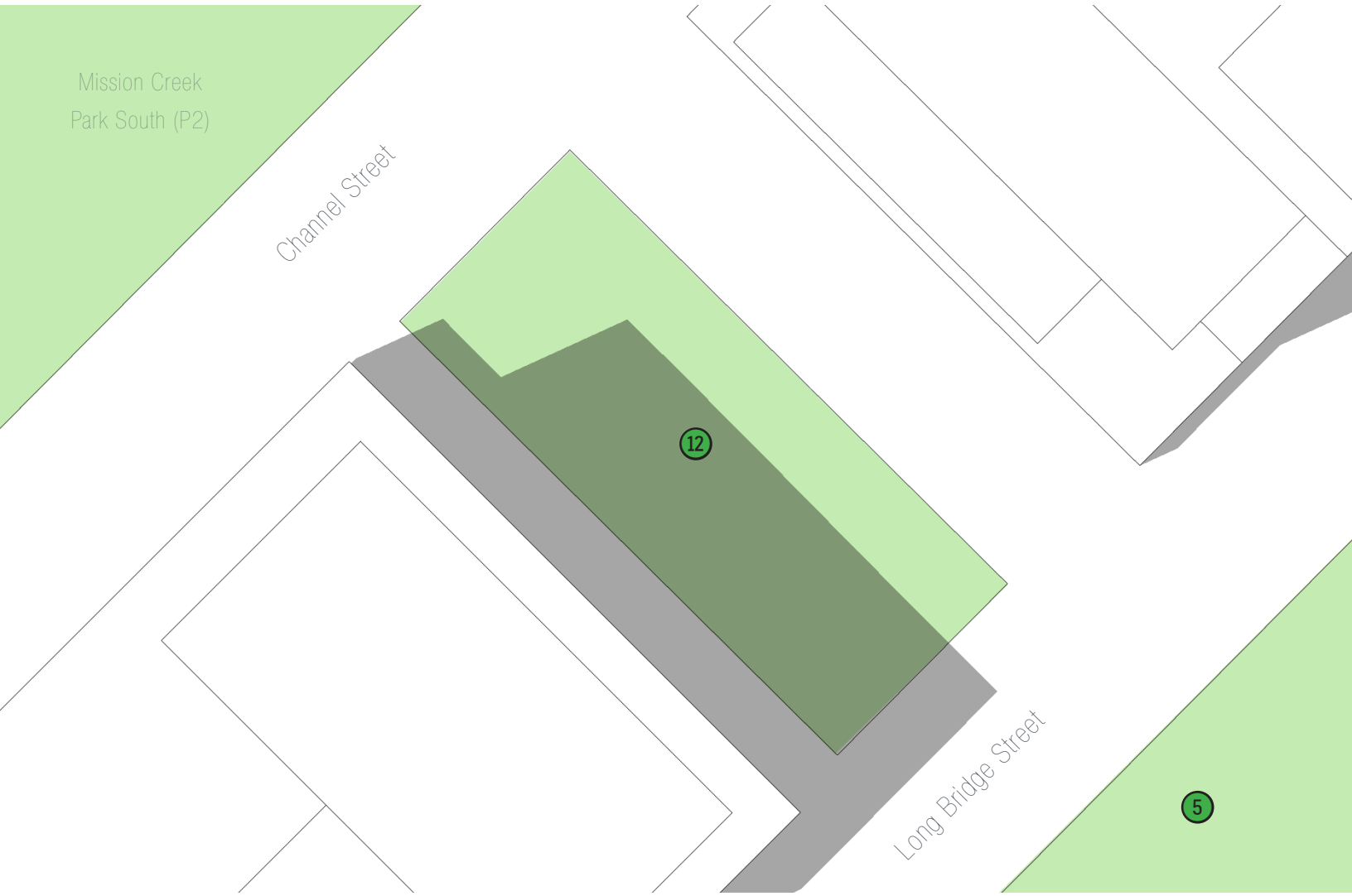
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

M1.6 DOG RUN (P5) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

M1.7 DOG RUN (P5) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

6:00 PM

LEGEND

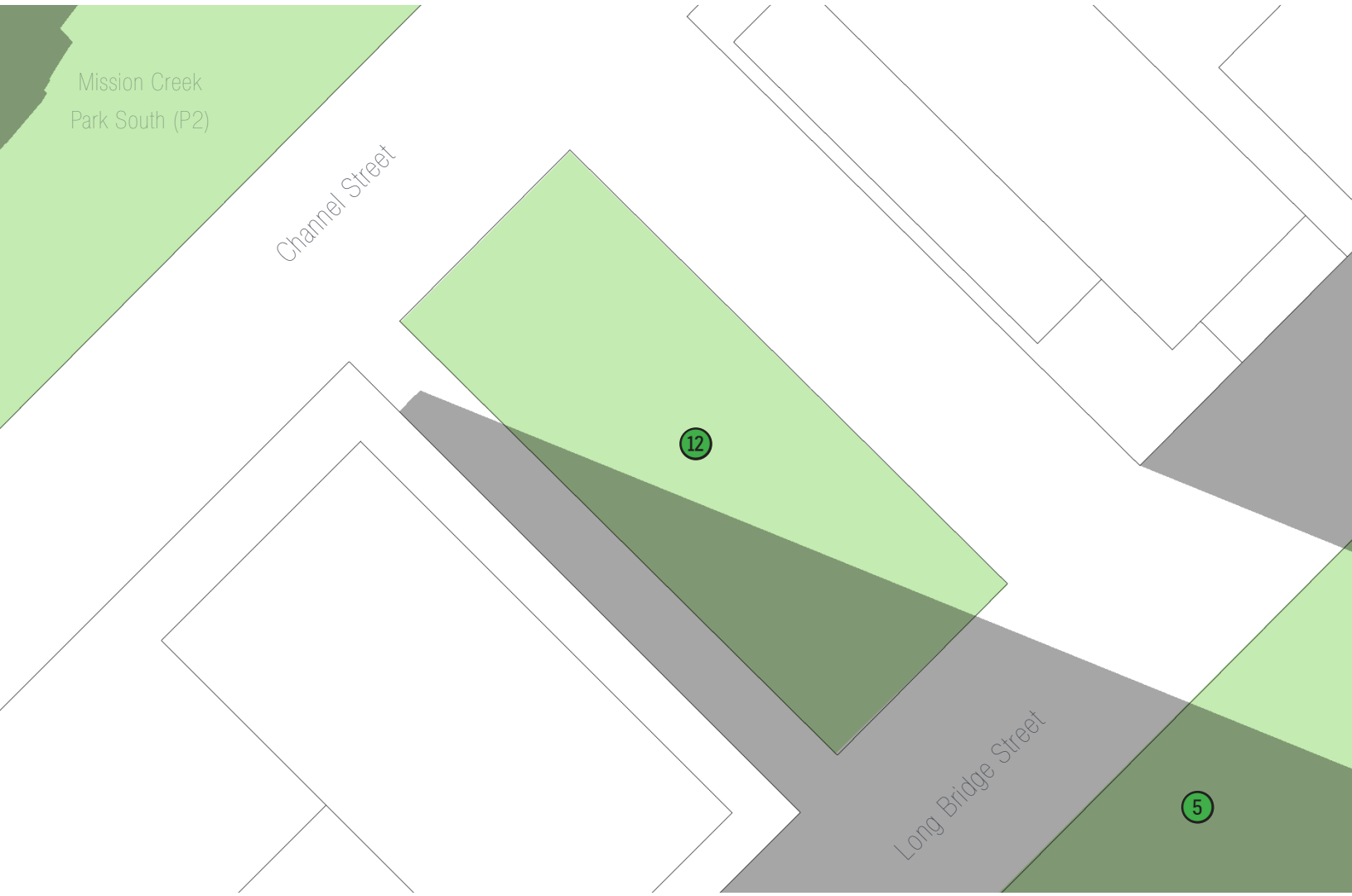
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

M1.8 DOG RUN (P5) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 28

7:36 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces

- 5 Kids' Park (P6)
- 12 Dog Run (P5)*

**under construction / proposed*

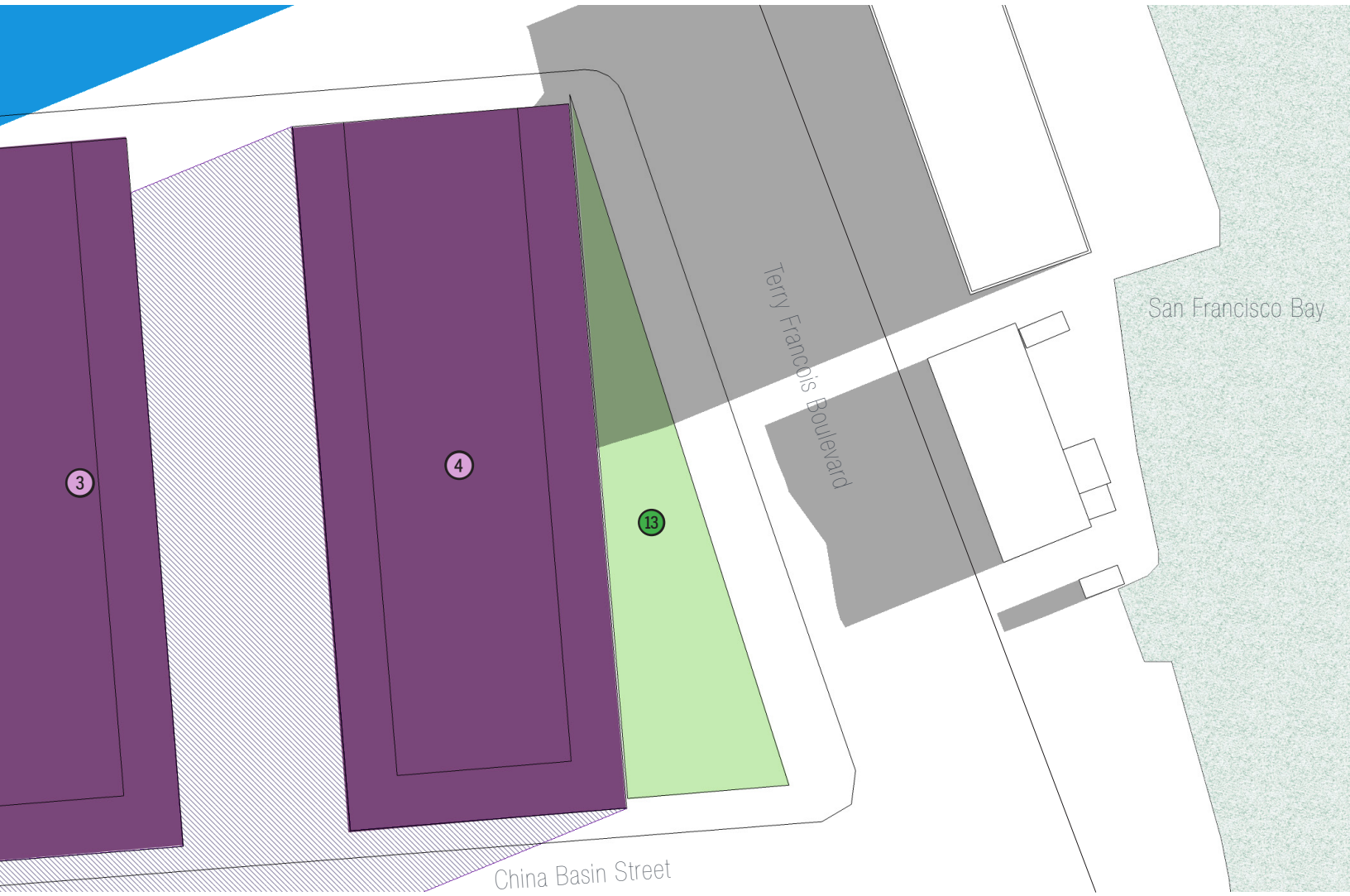
EXHIBIT N: SHADOW DIAGRAMS ON PROPOSED MISSION CREEK PARK P19 (MISSION BAY PARKS)

N1: Shadow Diagrams on Day of Maximum Shading

Diagrams at one hour after sunrise, 9am, 10am, Noon, 3pm, 6pm and one hour prior to sunset + at 15 minute intervals when new shading is present in the open space..

N1.1 MISSION BAY PARK (P19) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

6:46 AM

LEGEND

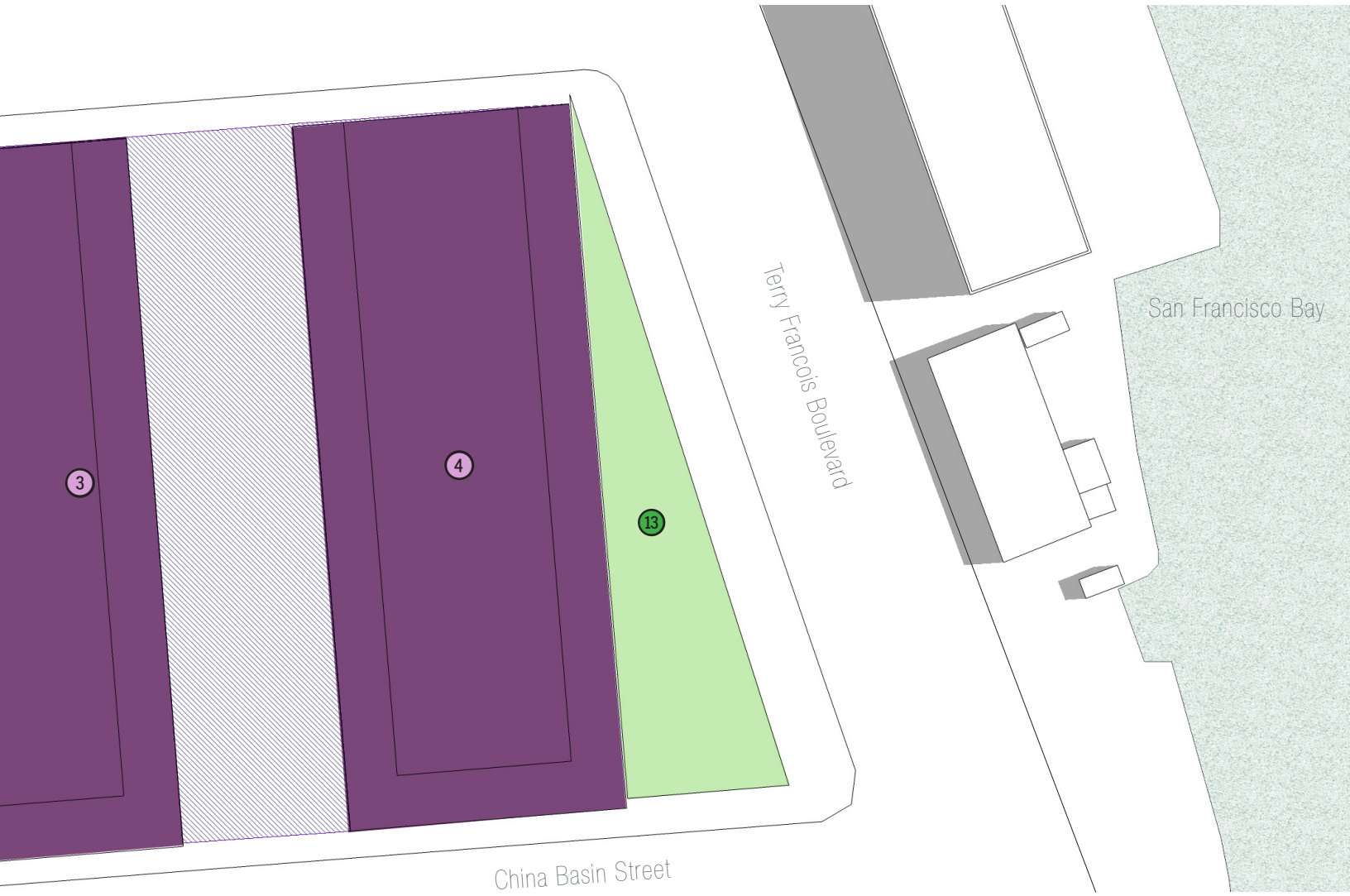
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 13 Mission Bay Park (P19)*
  **under construction / proposed*

Cumulative Projects
- 3 Lot 9
- 4 Lot 9A

N1.2 MISSION BAY PARK (P19) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

9:00 AM

LEGEND

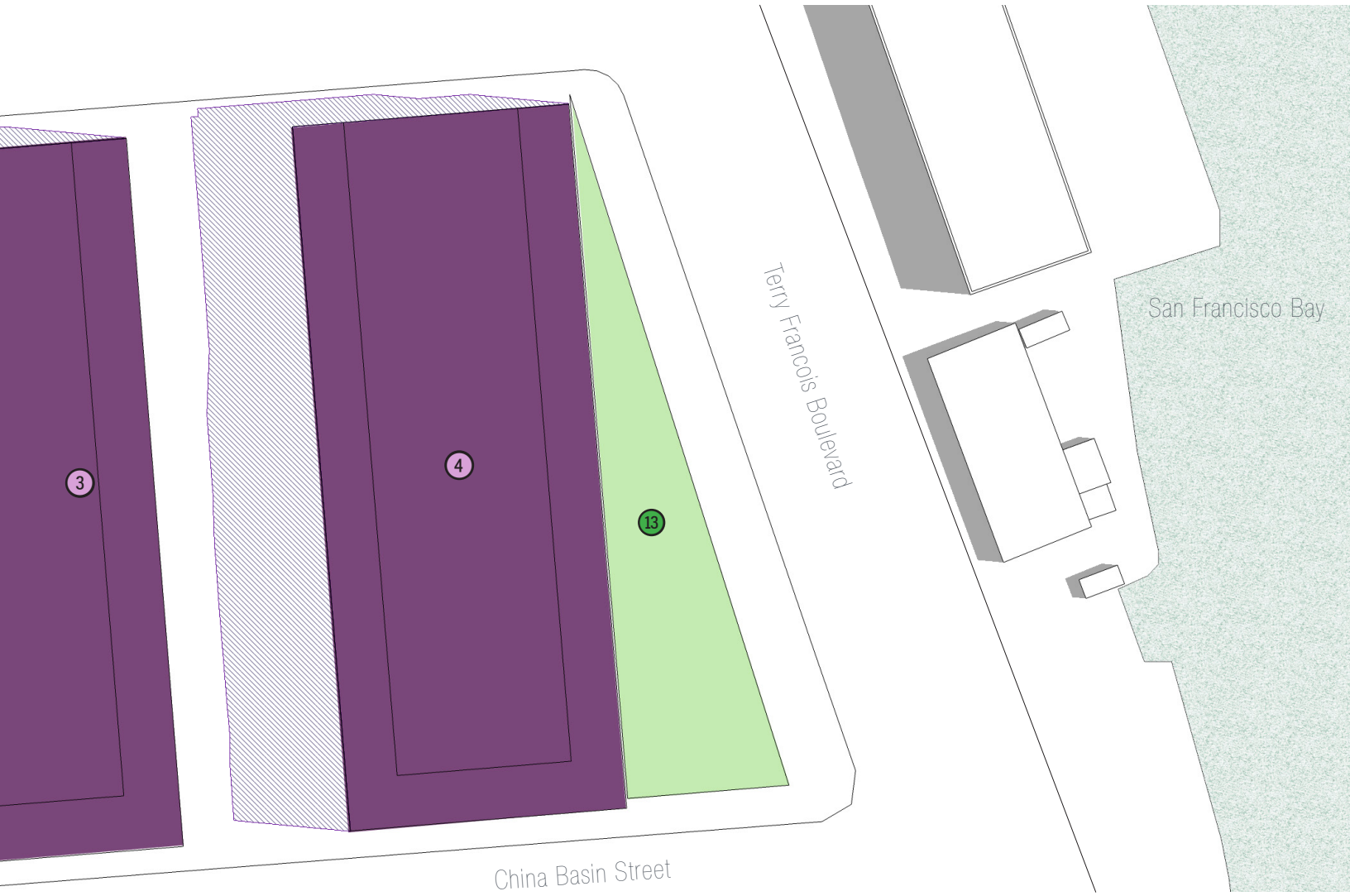
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 13 Mission Bay Park (P19)*
  **under construction / proposed*

Cumulative Projects
- 3 Lot 9
- 4 Lot 9A

N1.3 MISSION BAY PARK (P19) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

10:00 AM

LEGEND

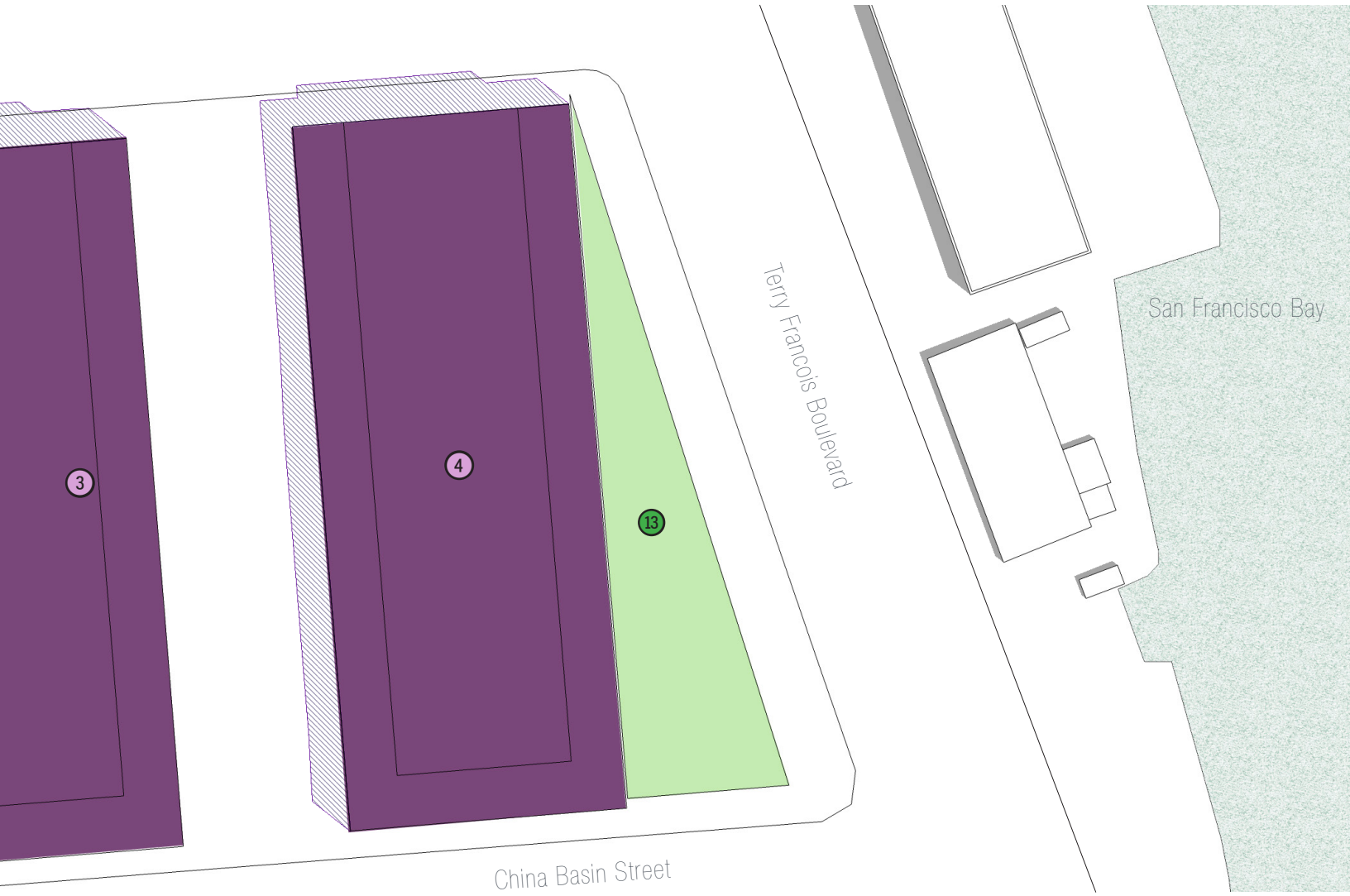
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 13 Mission Bay Park (P19)*
  **under construction / proposed*

Cumulative Projects
- 3 Lot 9
- 4 Lot 9A

N1.4 MISSION BAY PARK (P19) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

12:00 PM

LEGEND

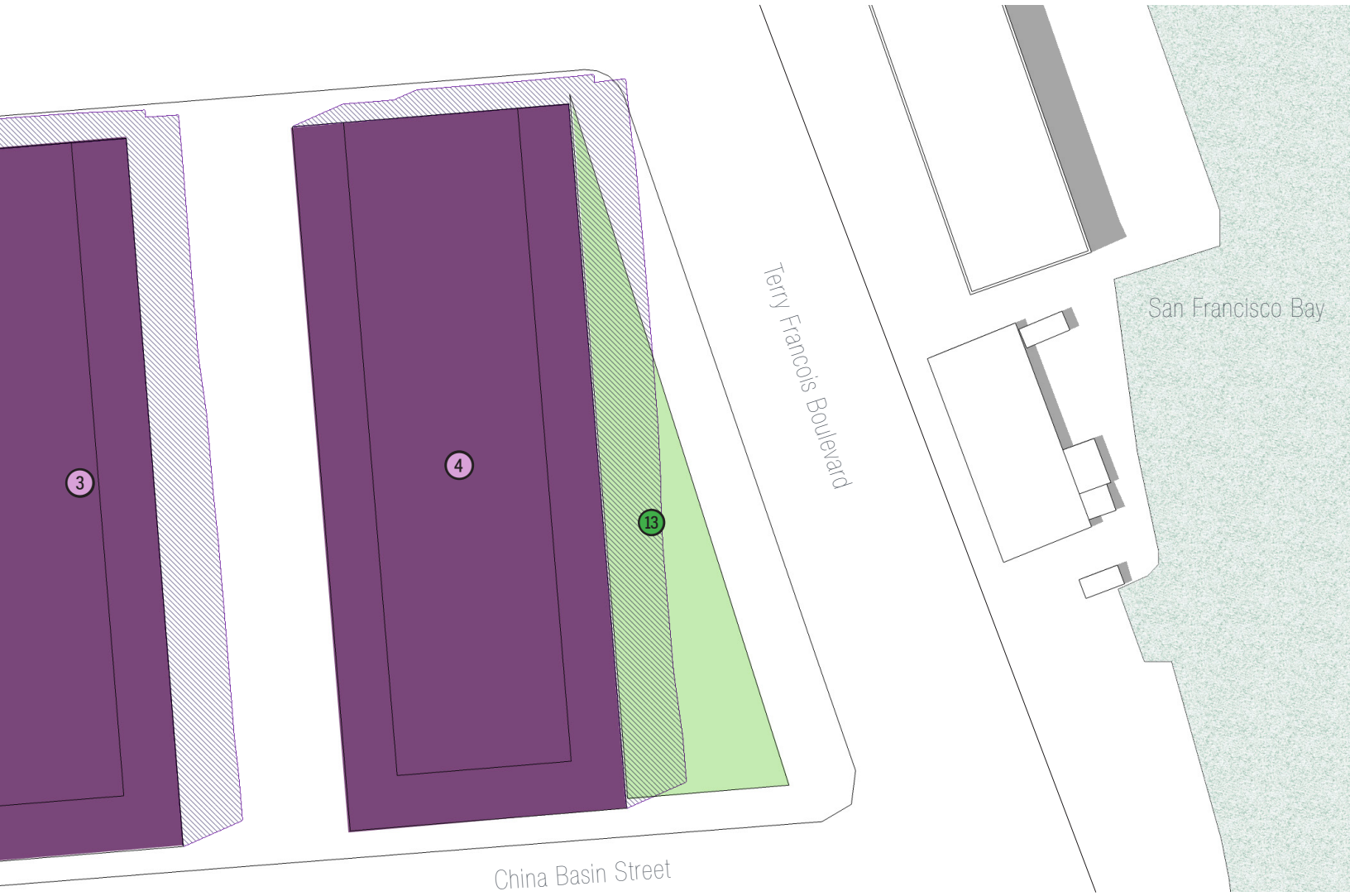
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 13 Mission Bay Park (P19)*
  **under construction / proposed*

Cumulative Projects
- 3 Lot 9
- 4 Lot 9A

N1.5 MISSION BAY PARK (P19) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

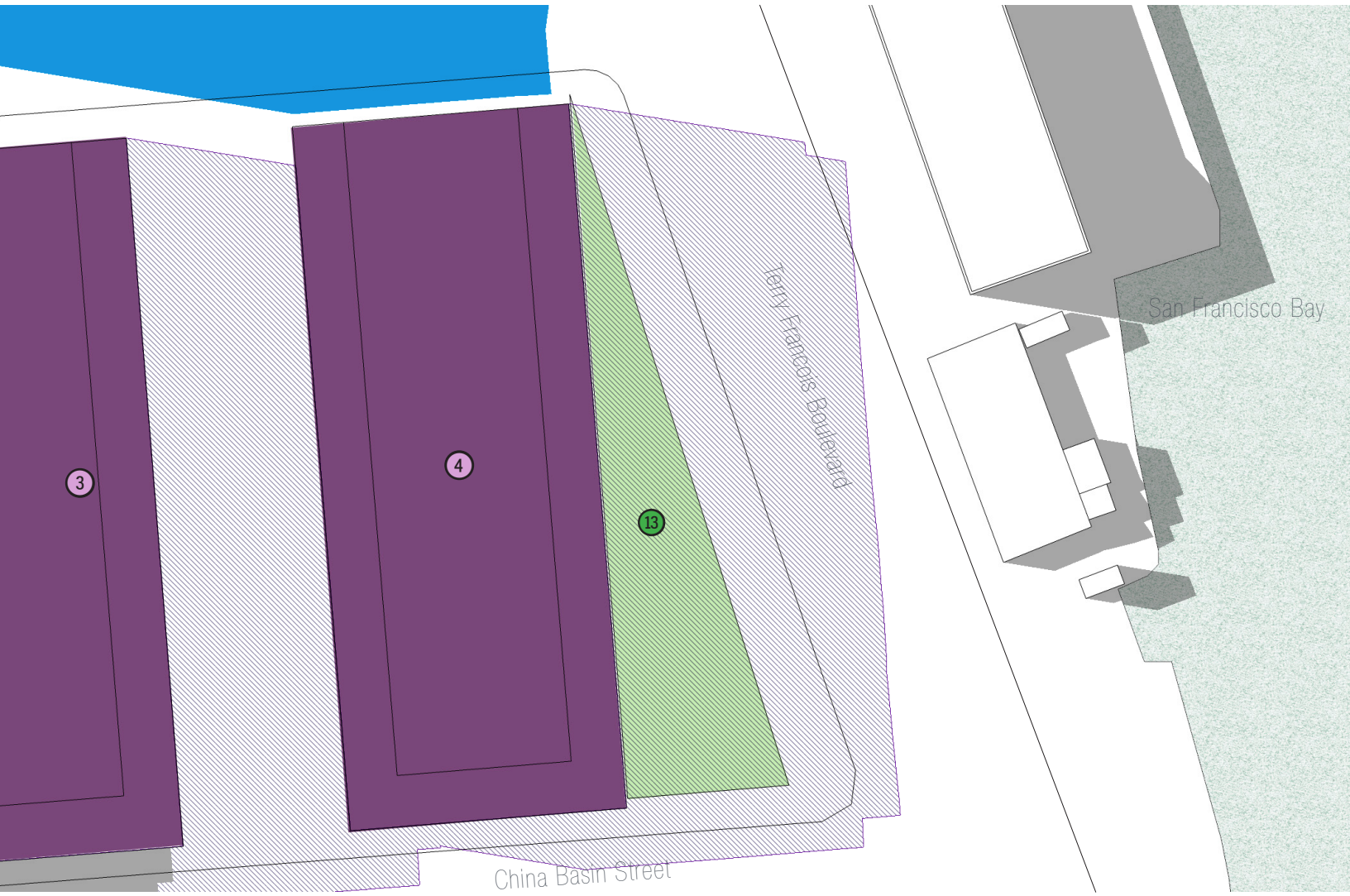
3:00 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only
- Open Spaces
  - 13 Mission Bay Park (P19)*
    **under construction / proposed*
- Cumulative Projects
  - 3 Lot 9
  - 4 Lot 9A

N1.6 MISSION BAY PARK (P19) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

6:00 PM

LEGEND

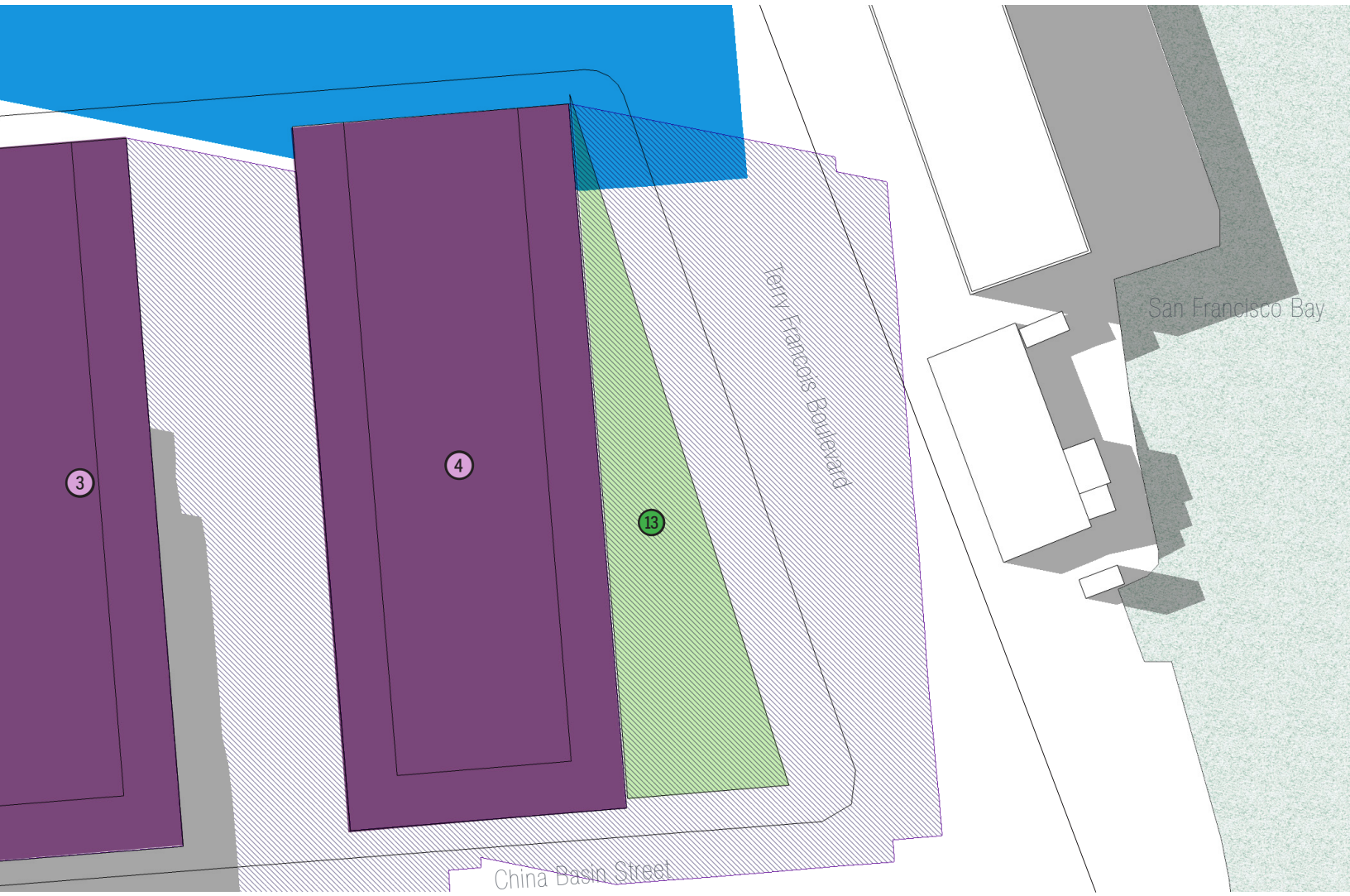
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 13 Mission Bay Park (P19)*
  **under construction / proposed*

Cumulative Projects
- 3 Lot 9
- 4 Lot 9A

N1.7 MISSION BAY PARK (P19) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

6:15 PM

LEGEND

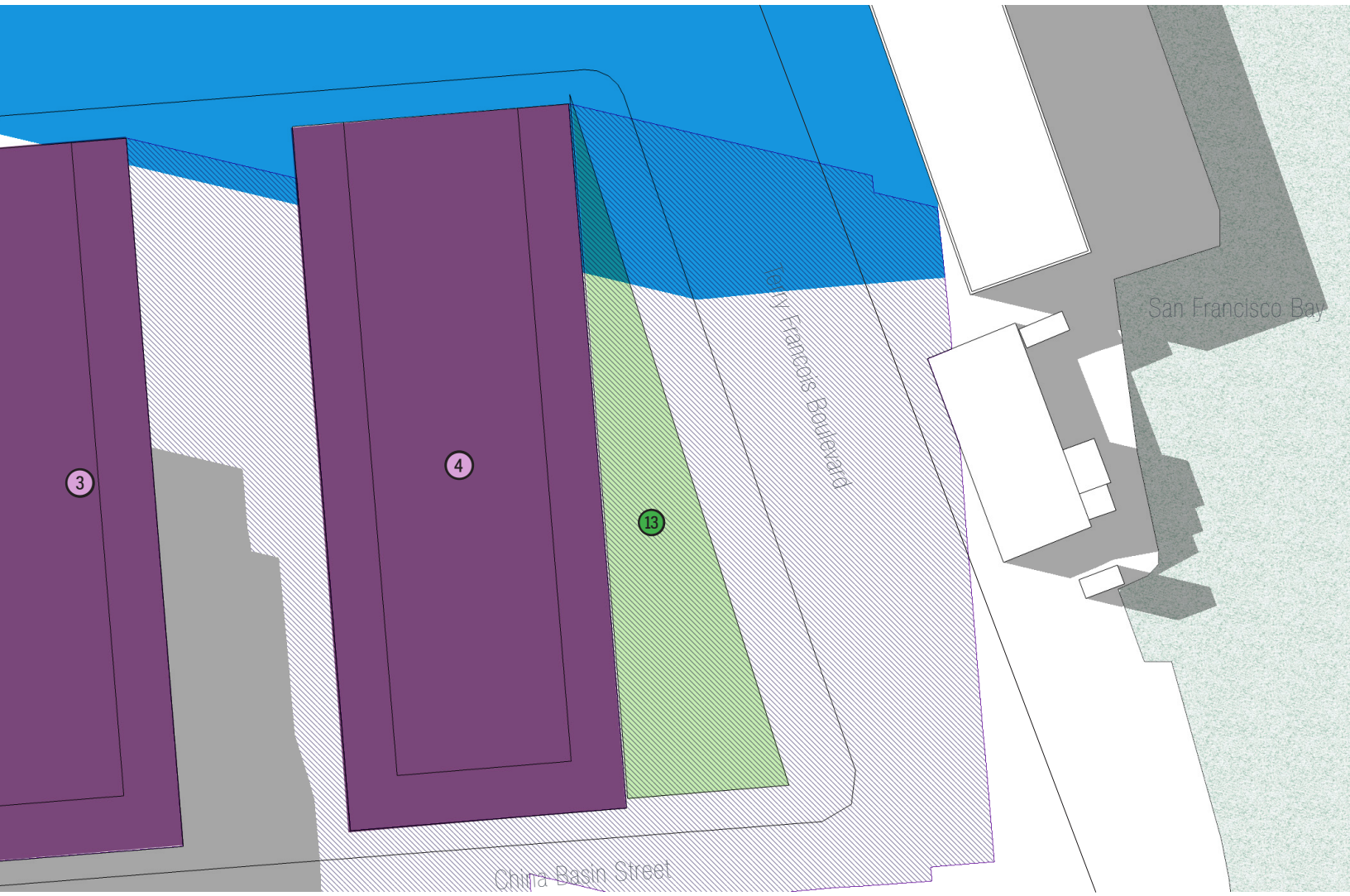
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 13 Mission Bay Park (P19)*
  **under construction / proposed*

Cumulative Projects
- 3 Lot 9
- 4 Lot 9A

N1.8 MISSION BAY PARK (P19) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

6:30 PM

LEGEND

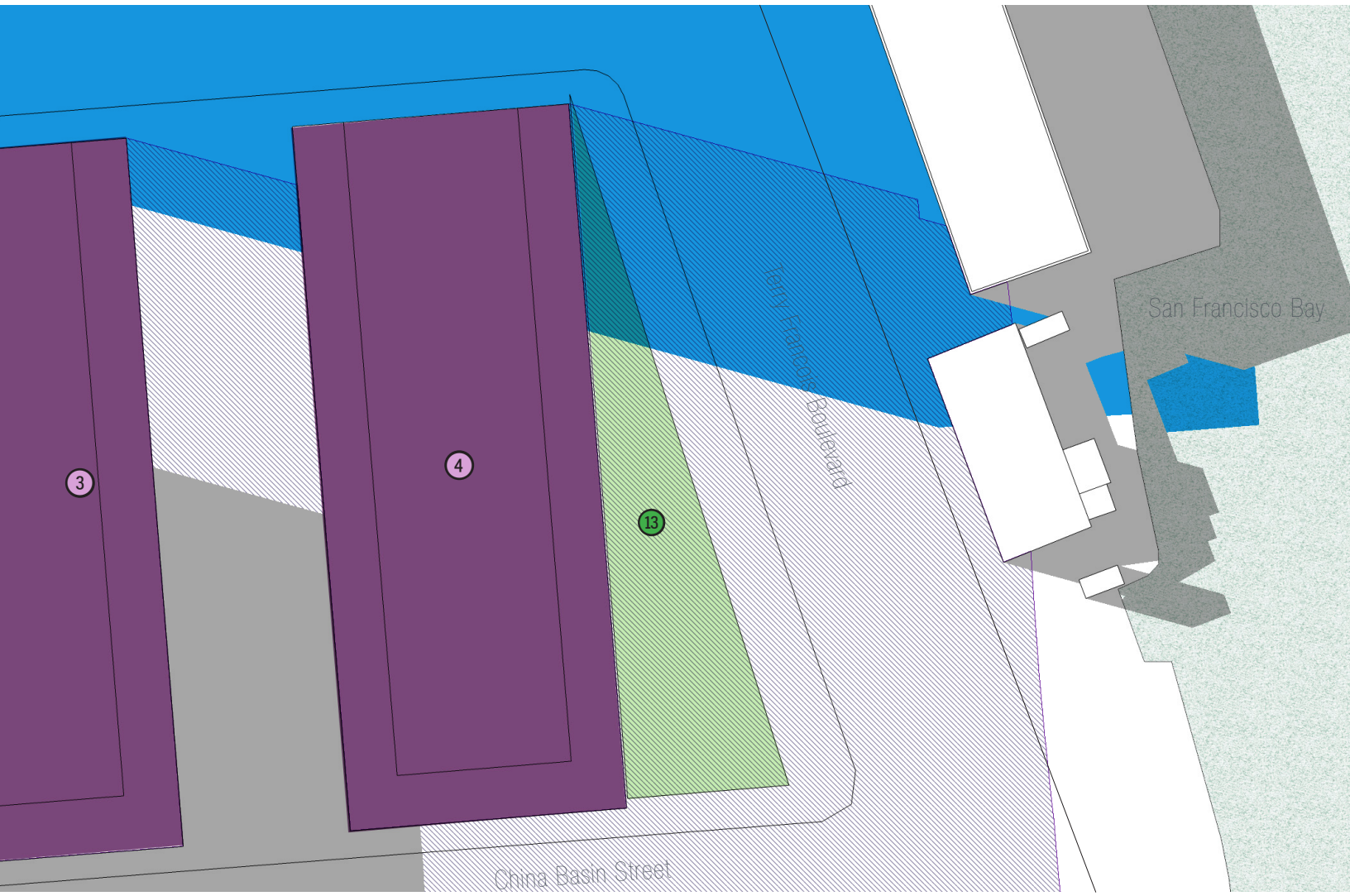
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 13 Mission Bay Park (P19)*
  **under construction / proposed*

Cumulative Projects
- 3 Lot 9
- 4 Lot 9A

N1.9 MISSION BAY PARK (P19) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

6:45 PM

LEGEND

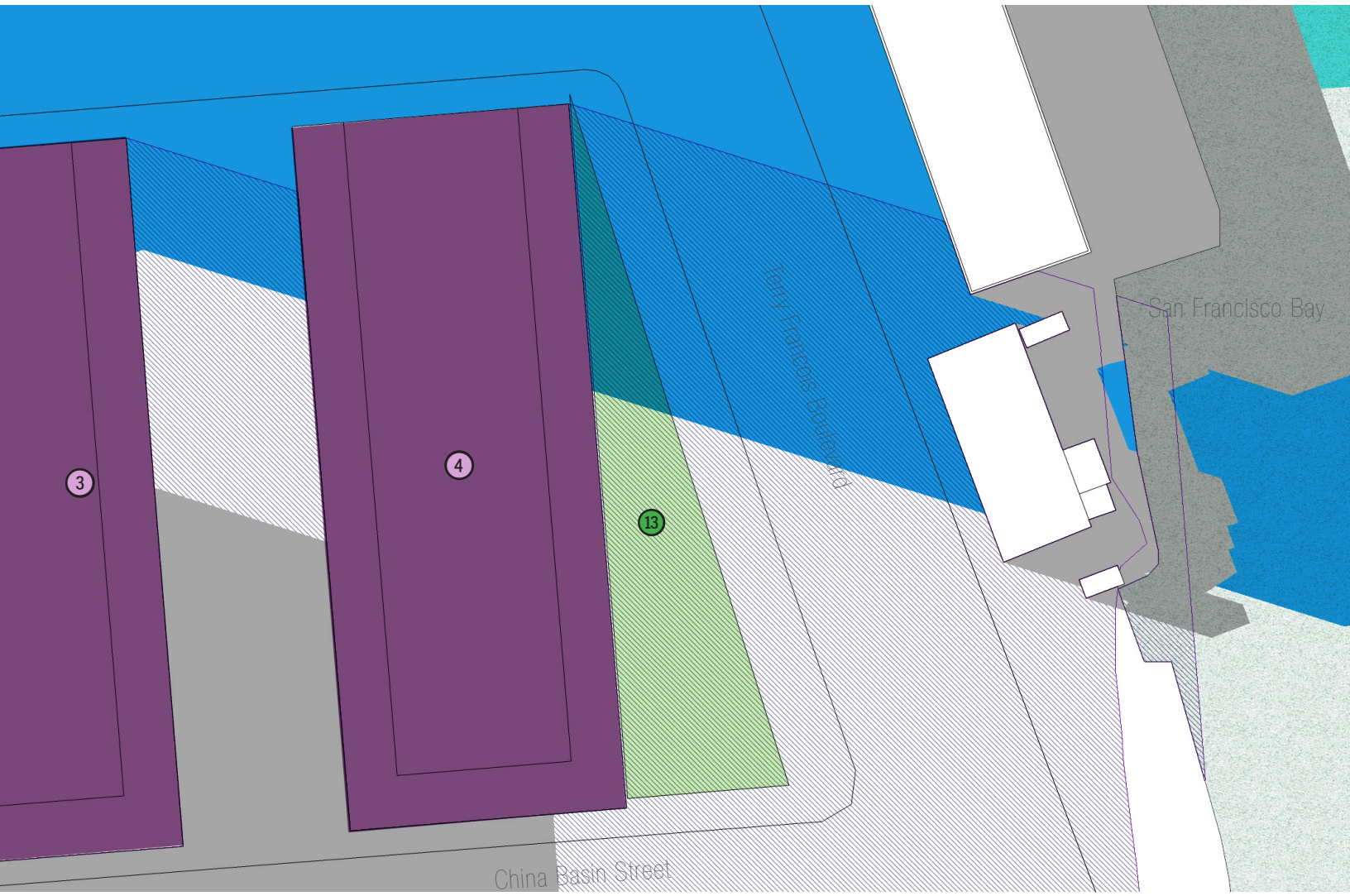
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 13 Mission Bay Park (P19)*
  **under construction / proposed*

Cumulative Projects
- 3 Lot 9
- 4 Lot 9A

N1.10 MISSION BAY PARK (P19) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

7:00 PM

LEGEND

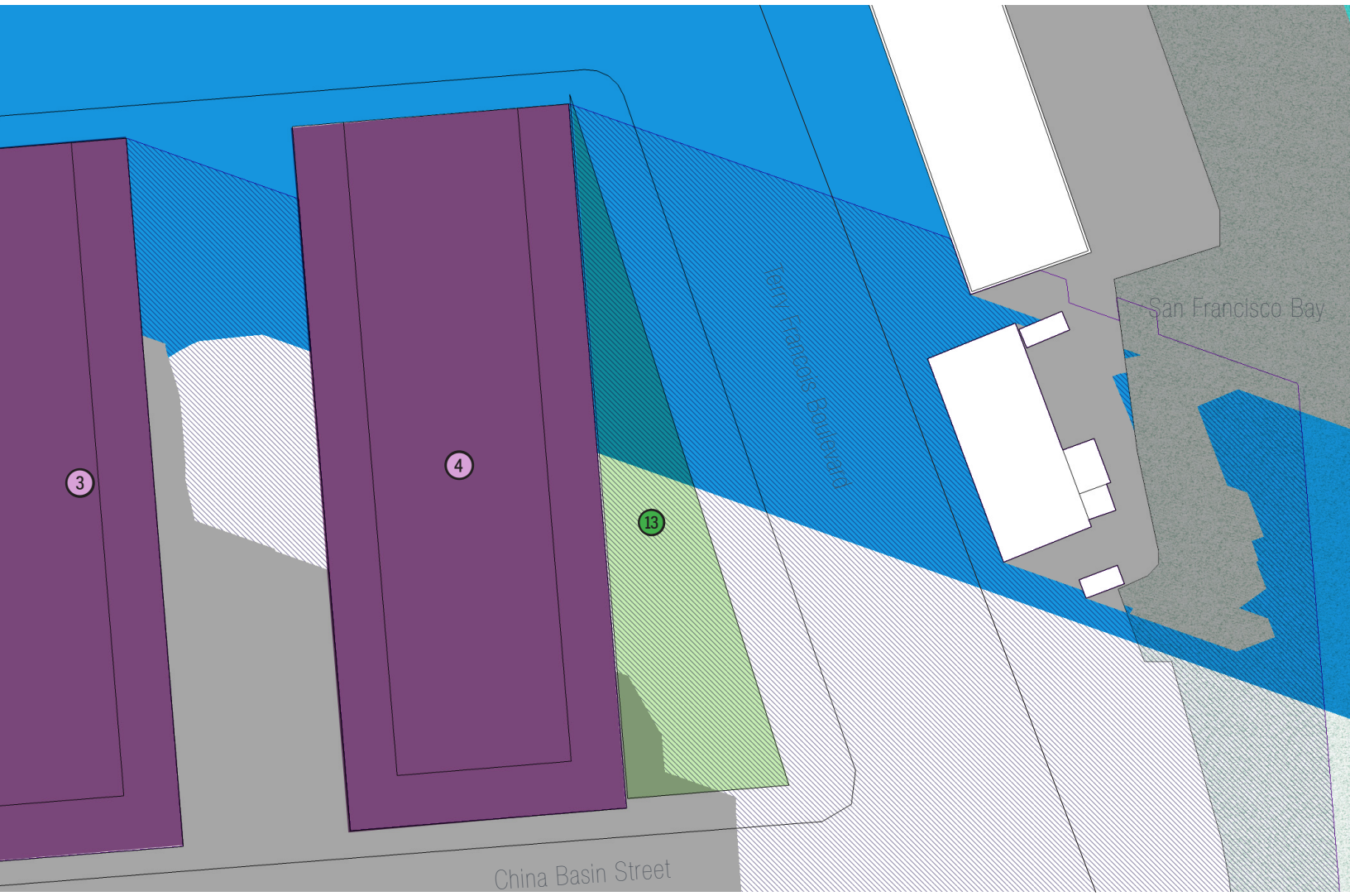
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 13 Mission Bay Park (P19)*
  **under construction / proposed*

Cumulative Projects
- 3 Lot 9
- 4 Lot 9A

N1.11 MISSION BAY PARK (P19) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

7:15 PM

LEGEND

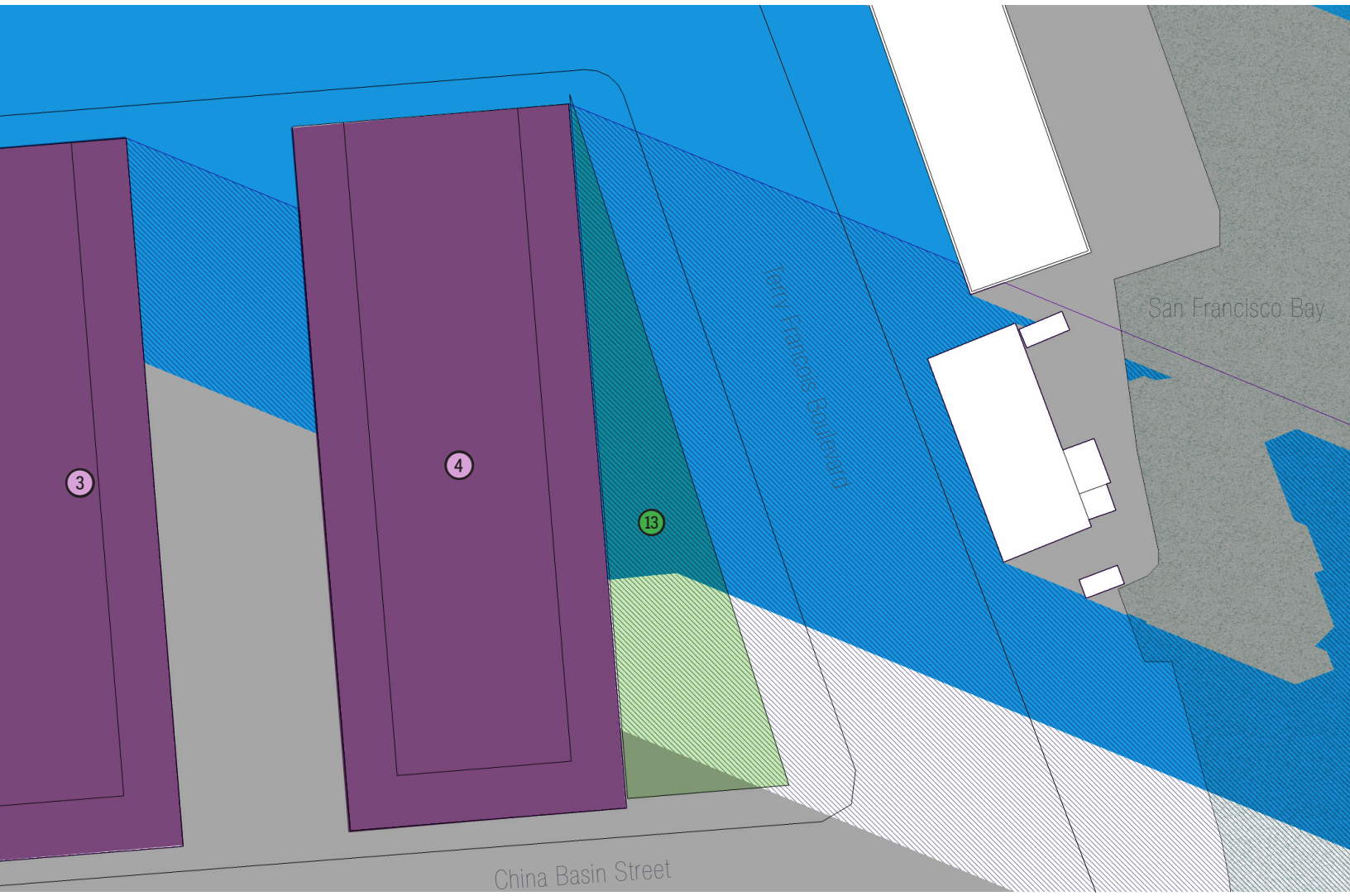
- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 13 Mission Bay Park (P19)*
  **under construction / proposed*

Cumulative Projects
- 3 Lot 9
- 4 Lot 9A

N1.12 MISSION BAY PARK (P19) SHADING GRAPHICS

Shading diagrams on the date(s) of maximum shading



N

DATE(S) OF MAXIMUM SHADING
JUNE 21

7:36 PM

LEGEND

- Seawall 337
- Existing Shadows
- Cumulative Project Shadows
- New Project Shadow
  Residential AND Commercial LUA
- Commercial LUA Shadow Only
- Residential LUA Shadow Only

Open Spaces
- 13 Mission Bay Park (P19)*
  **under construction / proposed*

Cumulative Projects
- 3 Lot 9
- 4 Lot 9A

APPENDIX 1: SHADOW CALCULATIONS FOR MISSION CREEK PARK SOUTH (P1)

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	116,199.21	12781.91	61.9%	36,475.71	4012.33	19.4%	36,475.71	4012.33	19.4%
7:00 AM	82,677.26	19015.77	44.0%	19,770.99	4547.33	10.5%	19,770.99	4547.33	10.5%
7:15 AM	53,556.87	13389.22	28.5%	3,904.06	976.01	2.1%	3,904.06	976.01	2.1%
7:30 AM	38,813.53	9703.38	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	28,762.21	7190.55	15.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	21,118.16	5279.54	11.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	15,655.48	3913.87	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	11,920.69	2980.17	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	9,329.75	2332.44	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	8,900.34	2225.09	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	9,242.37	2310.59	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	9,402.62	2350.66	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	9,398.07	2349.52	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	9,130.31	2282.58	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	8,502.43	2125.61	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	7,670.81	1917.70	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	6,879.71	1719.93	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	6,097.12	1524.28	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	5,431.82	1357.95	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	4,778.79	1194.70	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	4,216.57	1054.14	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	4,011.73	1002.93	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	3,906.67	976.67	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,882.34	970.58	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,889.29	972.32	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,876.02	969.01	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,880.25	970.06	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,862.93	965.73	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,863.25	965.81	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,845.11	961.28	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	3,880.70	970.17	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,978.15	994.54	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,075.15	1018.79	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,176.43	1044.11	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,280.59	1070.15	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,390.67	1097.67	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,507.85	1126.96	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,634.41	1158.60	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	4,771.48	1192.87	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	4,921.21	1230.30	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,085.70	1271.42	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	5,268.90	1317.22	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	5,474.24	1368.56	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	5,708.75	1427.19	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	5,979.80	1494.95	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	6,303.37	1575.84	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	6,694.73	1673.68	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	7,170.01	1792.50	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	7,670.58	1917.65	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	9,146.00	2286.50	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	26,836.81	8051.04	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	125,168.26	22530.29	66.7%	0.00	0.00	0.0%	0.00	0.00	0.0%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	116,573.09	11657.31	62.1%	35,947.84	3594.78	19.1%	35,947.84	3594.78	19.1%
7:00 AM	88,275.66	19420.64	47.0%	24,396.32	5367.19	13.0%	24,396.32	5367.19	13.0%
7:15 AM	57,126.11	14281.53	30.4%	5,437.58	1359.40	2.9%	5,437.58	1359.40	2.9%
7:30 AM	40,758.02	10189.50	21.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	30,346.39	7586.60	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	22,316.66	5579.17	11.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	16,540.32	4135.08	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	12,617.80	3154.45	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	9,707.48	2426.87	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	9,027.80	2256.95	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	9,314.12	2328.53	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	9,485.49	2371.37	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	9,504.97	2376.24	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	9,258.50	2314.63	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	8,649.91	2162.48	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	7,811.65	1952.91	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	7,008.16	1752.04	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	6,213.43	1553.36	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	5,535.81	1383.95	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	4,874.02	1218.51	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	4,305.69	1076.42	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	4,024.42	1006.11	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	3,913.46	978.36	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,887.09	971.77	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,893.73	973.43	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,881.02	970.25	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,885.59	971.40	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,868.07	967.02	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,868.89	967.22	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,850.39	962.60	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	3,871.93	967.98	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,969.56	992.39	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,066.37	1016.59	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,167.67	1041.92	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,271.48	1067.87	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,380.92	1095.23	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,498.12	1124.53	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,624.20	1156.05	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	4,760.30	1190.07	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	4,908.90	1227.22	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,072.54	1268.13	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	5,254.44	1313.61	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	5,458.29	1364.57	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	5,690.69	1422.67	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	5,959.01	1489.75	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	6,279.00	1569.75	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	6,665.00	1666.25	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	7,139.64	1784.91	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	7,643.48	1910.87	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	8,697.52	2174.38	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	24,139.05	7241.71	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	124,874.87	22477.48	66.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	117,670.26	7060.22	62.7%	34,179.22	2050.75	18.2%	34,179.22	2050.75	18.2%
7:00 AM	96,680.25	18369.25	51.5%	30,731.84	5839.05	16.4%	30,731.84	5839.05	16.4%
7:15 AM	63,981.71	15995.43	34.1%	7,930.90	1982.72	4.2%	7,930.90	1982.72	4.2%
7:30 AM	44,471.63	11117.91	23.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	33,343.99	8336.00	17.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	24,675.71	6168.93	13.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	18,375.52	4593.88	9.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	14,103.90	3525.97	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	10,914.57	2728.64	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	9,438.52	2359.63	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	9,638.02	2409.51	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	9,796.07	2449.02	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	9,815.72	2453.93	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	9,580.30	2395.07	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	8,951.73	2237.93	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	8,071.59	2017.90	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	7,238.13	1809.53	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	6,415.91	1603.98	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	5,716.02	1429.01	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	5,037.23	1259.31	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	4,455.54	1113.88	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	4,038.40	1009.60	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	3,927.81	981.95	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,901.49	975.37	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,908.06	977.01	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,895.57	973.89	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,900.34	975.08	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,883.56	970.89	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,883.44	970.86	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,864.71	966.18	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	3,868.27	967.07	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,963.85	990.96	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,061.28	1015.32	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,163.09	1040.77	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,267.24	1066.81	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,376.84	1094.21	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,494.00	1123.50	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,620.16	1155.04	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	4,756.80	1189.20	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	4,905.75	1226.44	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,069.82	1267.45	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	5,252.66	1313.17	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	5,457.06	1364.26	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	5,690.49	1422.62	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	5,959.74	1489.94	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	6,281.41	1570.35	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	6,669.90	1667.47	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	7,150.10	1787.53	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	7,664.94	1916.24	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	8,653.74	2163.44	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	23,922.95	7176.88	12.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	123,721.62	22269.89	65.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	119,562.31	3586.87	63.7%	30,648.88	919.47	16.3%	30,648.88	919.47	16.3%
7:00 AM	108,735.84	16310.38	57.9%	32,251.11	4837.67	17.2%	32,251.11	4837.67	17.2%
7:15 AM	74,178.55	18544.64	39.5%	11,569.92	2892.48	6.2%	11,569.92	2892.48	6.2%
7:30 AM	50,311.18	12577.80	26.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	37,812.61	9453.15	20.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	28,277.20	7069.30	15.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	21,252.59	5313.15	11.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	16,432.73	4108.18	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	12,953.68	3238.42	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	10,462.51	2615.63	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	10,294.05	2573.51	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	10,360.71	2590.18	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	10,343.76	2585.94	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10,105.07	2526.27	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	9,419.08	2354.77	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	8,452.55	2113.14	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	7,568.10	1892.03	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	6,705.08	1676.27	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	5,972.75	1493.19	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	5,267.77	1316.94	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	4,667.41	1166.85	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	4,052.82	1013.20	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	3,950.04	987.51	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,925.66	981.42	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,931.81	982.95	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,919.41	979.85	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,923.76	980.94	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,907.79	976.95	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,908.12	977.03	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,887.34	971.83	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	3,890.00	972.50	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,961.96	990.49	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,060.20	1015.05	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,162.97	1040.74	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,267.77	1066.94	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,378.14	1094.54	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,496.15	1124.04	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,623.36	1155.84	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	4,761.43	1190.36	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	4,911.96	1227.99	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,078.02	1269.51	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	5,262.89	1315.72	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	5,470.57	1367.64	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	5,708.08	1427.02	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	5,982.41	1495.60	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	6,311.15	1577.79	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	6,709.32	1677.33	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	7,203.80	1800.95	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	7,738.82	1934.70	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	8,994.07	2248.52	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	26,960.76	7549.01	14.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:33 PM	121,091.59	18163.74	64.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	121,914.28	15848.86	64.9%	24,061.95	3128.05	12.8%	24,061.95	3128.05	12.8%
7:16 AM	83,281.43	19987.54	44.4%	14,724.69	3533.93	7.8%	14,724.69	3533.93	7.8%
7:30 AM	58,929.79	14143.15	31.4%	568.30	136.39	0.3%	568.30	136.39	0.3%
7:45 AM	43,720.96	10930.24	23.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	33,150.82	8287.71	17.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	25,182.16	6295.54	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	19,643.54	4910.88	10.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	15,779.21	3944.80	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	13,015.30	3253.83	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	11,475.24	2868.81	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	11,244.20	2811.05	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	11,152.54	2788.13	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10,831.01	2707.75	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10,032.40	2508.10	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	8,955.51	2238.88	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	7,986.65	1996.66	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	7,067.73	1766.93	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,295.05	1573.76	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	5,556.66	1389.16	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	4,930.67	1232.67	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	4,291.52	1072.88	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	3,979.11	994.78	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,959.50	989.87	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,965.25	991.31	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,953.59	988.40	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,957.69	989.42	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,941.71	985.43	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,941.50	985.38	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,921.08	980.27	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	3,920.62	980.15	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,964.71	991.18	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,064.39	1016.10	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,168.39	1042.10	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,274.85	1068.71	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,386.98	1096.74	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,505.86	1126.46	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,635.20	1158.80	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	4,776.20	1194.05	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	4,929.62	1232.41	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,099.54	1274.88	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	5,288.82	1322.21	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	5,502.91	1375.73	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	5,747.40	1436.85	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	6,032.31	1508.08	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	6,373.62	1593.40	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	6,791.57	1697.89	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	7,310.73	1827.68	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	7,878.16	1969.54	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	9,905.05	2476.26	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	33,939.94	8484.99	18.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 PM	116,968.57	15205.91	62.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	123,486.81	7409.21	65.8%	16,638.42	998.31	8.9%	16,638.42	998.31	8.9%
7:15 AM	100,567.60	19107.84	53.6%	13,758.99	2614.21	7.3%	13,758.99	2614.21	7.3%
7:30 AM	70,492.71	17623.18	37.6%	981.35	245.34	0.5%	981.35	245.34	0.5%
7:45 AM	51,371.43	12842.86	27.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	39,568.19	9892.05	21.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	30,282.75	7570.69	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	23,855.81	5963.95	12.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	19,550.43	4887.61	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	16,576.78	4144.20	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	14,244.68	3561.17	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	12,650.16	3162.54	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	12,286.85	3071.71	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	11,775.62	2943.91	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10,790.02	2697.51	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	9,588.05	2397.01	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	8,497.02	2124.26	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	7,508.24	1877.06	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,684.43	1671.11	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	5,905.87	1476.47	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	5,247.93	1311.98	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	4,586.82	1146.71	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	4,065.18	1016.30	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	4,002.57	1000.64	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	4,008.35	1002.09	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,996.64	999.16	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	4,000.13	1000.03	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,984.27	996.07	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,984.16	996.04	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,964.29	991.07	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	3,960.87	990.22	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,971.96	992.99	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,073.18	1018.29	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,179.30	1044.82	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,287.80	1071.95	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,401.90	1100.47	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,523.34	1130.84	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,655.70	1163.92	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	4,799.98	1200.00	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	4,958.09	1239.52	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,133.52	1283.38	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	5,329.80	1332.45	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	5,552.05	1388.01	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	5,807.91	1451.98	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	6,107.51	1526.88	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	6,469.35	1617.34	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	6,917.48	1729.37	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	7,471.49	1867.87	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	8,091.27	2022.82	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	11,616.34	2904.09	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	46,962.85	9862.20	25.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:25 PM	109,077.16	9816.94	58.1%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	124,367.76	2487.36	66.3%	11,029.01	220.58	5.9%	11,029.01	220.58	5.9%
7:15 AM	116,455.40	17468.31	62.0%	8,119.53	1217.93	4.3%	8,119.53	1217.93	4.3%
7:30 AM	82,820.10	20705.03	44.1%	122.38	30.60	0.1%	122.38	30.60	0.1%
7:45 AM	61,048.15	15262.04	32.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	47,209.80	11802.45	25.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	36,613.66	9153.42	19.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,079.82	7269.95	15.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	24,441.98	6110.50	13.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	21,001.37	5250.34	11.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	18,334.52	4583.63	9.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	15,439.82	3859.96	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	13,870.41	3467.60	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	12,961.38	3240.34	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	11,661.49	2915.37	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	10,301.62	2575.41	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	9,094.97	2273.74	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	8,002.14	2000.53	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	7,119.09	1779.77	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	6,294.75	1573.69	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	5,601.10	1400.28	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	4,918.80	1229.70	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	4,419.44	1104.86	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	4,054.97	1013.74	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	4,060.66	1015.16	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	4,048.91	1012.23	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	4,051.62	1012.91	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,035.62	1008.91	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,035.41	1008.85	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,016.66	1004.16	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,011.30	1002.82	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,998.78	999.70	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,088.93	1022.23	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,197.38	1049.34	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,308.77	1077.19	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,426.03	1106.51	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,550.64	1137.66	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,686.98	1171.74	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	4,836.06	1209.01	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,000.63	1250.16	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,183.93	1295.98	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	5,389.74	1347.44	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	5,624.26	1406.07	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	5,895.91	1473.98	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	6,217.24	1554.31	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	6,610.38	1652.59	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	7,104.70	1776.17	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	7,714.31	1928.58	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	8,413.91	2103.48	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	14,976.55	3744.14	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	73,436.65	11015.50	39.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:18 PM	95,907.29	2877.22	51.1%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	125,483.56	11293.52	66.8%	10,500.14	945.01	5.6%	10,500.14	945.01	5.6%
7:30 AM	96,806.50	20329.36	51.6%	230.84	48.48	0.1%	230.84	48.48	0.1%
7:45 AM	72,262.57	18065.64	38.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	56,584.87	14146.22	30.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	44,280.36	11070.09	23.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	35,695.97	8923.99	19.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	30,348.41	7587.10	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	26,341.41	6585.35	14.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	23,253.20	5813.30	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	19,897.87	4974.47	10.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	16,537.16	4134.29	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	14,378.91	3594.73	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	12,712.08	3178.02	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	11,087.66	2771.91	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	9,750.92	2437.73	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	8,518.27	2129.57	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	7,517.86	1879.46	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	6,717.99	1679.50	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	5,984.91	1496.23	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	5,333.91	1333.48	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	4,834.41	1208.60	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	4,266.00	1066.50	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	4,121.47	1030.37	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	4,109.77	1027.44	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	4,110.82	1027.70	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,096.11	1024.03	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,095.12	1023.78	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,076.91	1019.23	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,072.15	1018.04	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,053.96	1013.49	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,110.75	1027.69	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,222.32	1055.58	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,337.31	1084.33	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,458.02	1114.50	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,586.66	1146.67	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,728.37	1182.09	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	4,884.11	1221.03	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,056.73	1264.18	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,250.26	1312.57	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	5,468.41	1367.10	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	5,719.80	1429.95	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	6,013.00	1503.25	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	6,364.71	1591.18	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	6,801.55	1700.39	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	7,364.71	1841.18	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	8,048.46	2012.12	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	8,852.30	3009.78	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:10 PM	82,644.33	17355.31	44.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	127,670.09	5106.80	68.0%	9,971.28	398.85	5.3%	9,971.28	398.85	5.3%
7:30 AM	113,410.34	19279.76	60.4%	5,589.98	950.30	3.0%	5,589.98	950.30	3.0%
7:45 AM	85,126.06	21281.51	45.3%	1,848.83	462.21	1.0%	1,848.83	462.21	1.0%
8:00 AM	67,289.35	16822.34	35.8%	513.03	128.26	0.3%	513.03	128.26	0.3%
8:15 AM	53,764.04	13441.01	28.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	43,624.68	10906.17	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	37,275.05	9318.76	19.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	32,634.84	8158.71	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	29,055.68	7263.92	15.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	25,195.77	6298.94	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	20,894.87	5223.72	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	16,609.68	4152.42	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	13,914.47	3478.62	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	12,007.68	3001.92	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	10,446.35	2611.59	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	8,951.18	2237.80	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	7,841.00	1960.25	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,026.47	1756.62	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	6,408.52	1602.13	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	5,822.49	1455.62	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	5,314.14	1328.54	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	4,715.61	1178.90	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	4,202.62	1050.66	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	4,179.25	1044.81	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	4,180.62	1045.15	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,165.27	1041.32	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,164.16	1041.04	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,146.41	1036.60	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,142.00	1035.50	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,123.02	1030.76	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,138.66	1034.66	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,253.87	1063.47	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,372.76	1093.19	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,498.00	1124.50	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,631.77	1157.94	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,779.48	1194.87	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	4,943.73	1235.93	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,126.43	1281.61	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,332.82	1333.20	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	5,567.48	1391.87	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	5,839.95	1459.99	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	6,161.69	1540.42	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	6,554.80	1638.70	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	7,053.52	1763.38	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	7,712.84	1928.21	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	8,498.17	2124.54	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	11,753.54	3173.46	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:02 PM	71,440.91	10001.73	38.1%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	131,180.69	14429.88	69.9%	12,561.51	1381.77	6.7%	12,561.51	1381.77	6.7%
7:45 AM	100,553.07	23127.21	53.6%	7,975.00	1834.25	4.2%	7,975.00	1834.25	4.2%
8:00 AM	79,701.36	19925.34	42.5%	2,313.73	578.43	1.2%	2,313.73	578.43	1.2%
8:15 AM	64,503.87	16125.97	34.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	52,419.43	13104.86	27.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	45,144.76	11286.19	24.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	39,780.08	9945.02	21.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	35,734.22	8933.55	19.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	31,109.77	7777.44	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	25,769.91	6442.48	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	20,388.71	5097.18	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	15,771.62	3942.90	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	12,973.89	3243.47	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	11,000.23	2750.06	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9,258.61	2314.65	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	8,017.64	2004.41	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,125.59	1781.40	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	6,738.68	1684.67	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	6,385.30	1596.32	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	5,854.97	1463.74	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	5,220.97	1305.24	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	4,663.90	1165.97	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	4,257.43	1064.36	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	4,257.87	1064.47	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,243.21	1060.80	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,241.47	1060.37	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,224.64	1056.16	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,220.37	1055.09	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,201.31	1050.33	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,200.68	1050.17	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,294.50	1073.63	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,418.89	1104.72	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,549.67	1137.42	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,689.79	1172.45	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,845.17	1211.29	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	5,020.04	1255.01	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,215.62	1303.91	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,438.49	1359.62	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	5,694.64	1423.66	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	5,996.55	1499.14	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	6,357.87	1589.47	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	6,810.53	1702.63	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	7,402.67	1850.67	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	8,176.27	2044.07	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	9,130.88	2282.72	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	20,029.87	3805.68	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:52 PM	56,242.84	3374.57	30.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	141,418.59	8485.12	75.3%	19,731.25	1183.88	10.5%	19,731.25	1183.88	10.5%
7:45 AM	122,434.07	23262.47	65.2%	18,341.73	3484.93	9.8%	18,341.73	3484.93	9.8%
8:00 AM	95,336.50	23834.13	50.8%	6,554.01	1638.50	3.5%	6,554.01	1638.50	3.5%
8:15 AM	77,121.09	19280.27	41.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	62,614.32	15653.58	33.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	53,990.23	13497.56	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	47,845.83	11961.46	25.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	43,459.73	10864.93	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	37,628.05	9407.01	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	31,094.90	7773.72	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	24,664.34	6166.09	13.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	19,201.12	4800.28	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	14,352.02	3588.00	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	11,409.80	2852.45	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9,474.53	2368.63	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	8,031.20	2007.80	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,153.11	1788.28	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	7,015.97	1753.99	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	6,903.43	1725.86	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	6,481.66	1620.41	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	5,804.12	1451.03	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	5,202.21	1300.55	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	4,529.91	1132.48	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	4,343.71	1085.93	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,329.32	1082.33	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,327.60	1081.90	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,311.37	1077.84	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,308.12	1077.03	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,290.14	1072.54	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,284.92	1071.23	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,342.58	1085.65	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,472.79	1118.20	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,610.08	1152.52	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,757.80	1189.45	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,922.66	1230.66	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	5,110.07	1277.52	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,321.79	1330.45	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,566.07	1391.52	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	5,849.59	1462.40	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	6,189.59	1547.40	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	6,604.64	1651.16	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	7,142.80	1785.70	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	7,869.89	1967.47	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	8,816.14	2204.03	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	11,205.45	2577.25	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:42 PM	40,245.80	4427.04	21.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	156,217.83	20308.32	83.2%	22,784.60	2962.00	12.1%	22,784.60	2962.00	12.1%
8:00 AM	115,641.11	28910.28	61.6%	13,170.82	3292.70	7.0%	13,170.82	3292.70	7.0%
8:15 AM	91,683.26	22920.82	48.8%	78.07	19.52	0.0%	78.07	19.52	0.0%
8:30 AM	74,774.75	18693.69	39.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	64,008.00	16002.00	34.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	56,226.35	14056.59	30.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	50,937.25	12734.31	27.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	45,261.41	11315.35	24.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	36,819.33	9204.83	19.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	29,243.53	7310.88	15.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	22,984.07	5746.02	12.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	17,050.31	4262.58	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12,193.52	3048.38	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9,505.65	2376.41	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	7,905.99	1976.50	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,429.30	1857.33	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	7,447.91	1861.98	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	7,388.08	1847.02	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	7,122.52	1780.63	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	6,483.42	1620.86	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	5,830.82	1457.70	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	5,087.75	1271.94	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	4,476.21	1119.05	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,423.91	1105.98	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,422.59	1105.65	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,407.28	1101.82	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,405.03	1101.26	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,388.90	1097.22	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,385.18	1096.29	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,398.24	1099.56	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,535.65	1133.91	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,680.59	1170.15	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,837.25	1209.31	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	5,013.18	1253.29	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	5,216.11	1304.03	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,447.91	1361.98	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,719.09	1429.77	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	6,038.99	1509.75	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	6,428.02	1607.01	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	6,919.73	1729.93	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	7,577.27	1894.32	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	8,500.62	2125.15	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	9,697.90	2618.43	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:31 PM	27,804.84	3892.68	14.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	172,733.02	13818.64	92.0%	12,816.48	1025.32	6.8%	12,816.48	1025.32	6.8%
8:00 AM	141,723.23	29761.88	75.5%	19,296.16	4052.19	10.3%	19,296.16	4052.19	10.3%
8:15 AM	110,135.00	27533.75	58.7%	1,256.64	314.16	0.7%	1,256.64	314.16	0.7%
8:30 AM	88,673.96	22168.49	47.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	74,967.51	18741.88	39.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	65,171.65	16292.91	34.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	58,582.80	14645.70	31.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	51,305.18	12826.30	27.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	43,148.91	10787.23	23.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	34,037.52	8509.38	18.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	26,746.65	6686.66	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	20,083.77	5020.94	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	14,319.94	3579.99	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9,799.84	2449.96	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	8,037.91	2009.48	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,826.13	1956.53	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,174.15	2043.54	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	8,102.99	2025.75	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	7,878.54	1969.63	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	7,276.54	1819.13	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	6,568.23	1642.06	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	5,747.01	1436.75	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	5,050.10	1262.53	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,527.39	1131.85	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,526.62	1131.65	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,512.55	1128.14	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,511.57	1127.89	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,497.68	1124.42	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,496.64	1124.16	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,488.85	1122.21	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,607.94	1151.99	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,761.96	1190.49	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,929.46	1232.36	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	5,119.04	1279.76	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	5,340.66	1335.16	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,597.87	1399.47	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	5,903.83	1475.96	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	6,268.94	1567.24	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	6,727.21	1681.80	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	7,323.69	1830.92	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	8,145.54	2036.38	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	9,329.67	2332.42	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	11,685.36	2103.36	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:21 PM	18,321.02	916.05	9.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	177,117.09	3542.34	94.4%	8,672.28	173.45	4.6%	8,672.28	173.45	4.6%
8:00 AM	175,966.85	26395.03	93.7%	8,369.53	1255.43	4.5%	8,369.53	1255.43	4.5%
8:15 AM	132,925.32	33231.33	70.8%	6,977.47	1744.37	3.7%	6,977.47	1744.37	3.7%
8:30 AM	104,582.09	26145.52	55.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	87,095.82	21773.95	46.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	74,901.51	18725.38	39.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	66,660.14	16665.04	35.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	57,058.73	14264.68	30.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	47,482.58	11870.65	25.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	39,115.46	9778.87	20.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	30,628.32	7657.08	16.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	23,355.98	5838.99	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	17,130.14	4282.54	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,618.59	2904.65	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	8,898.07	2224.52	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	8,643.42	2160.86	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9,125.59	2281.40	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,112.61	2278.15	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	8,908.66	2227.16	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	8,205.86	2051.46	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	7,435.87	1858.97	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	6,532.82	1633.20	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	5,746.65	1436.66	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,909.58	1227.40	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,639.89	1159.97	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,627.33	1156.83	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,628.29	1157.07	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,616.91	1154.23	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,619.41	1154.85	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,610.84	1152.71	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,690.15	1172.54	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,854.80	1213.70	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	5,036.23	1259.06	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	5,240.03	1310.01	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	5,486.23	1371.56	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,774.68	1443.67	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	6,123.97	1530.99	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	6,547.66	1636.92	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	7,098.75	1774.69	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	7,820.18	1955.04	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	8,918.82	2229.70	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	10,574.74	2220.70	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:09 PM	13,932.98	1114.64	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	180,864.21	18086.42	96.3%	5,536.60	553.66	2.9%	5,536.60	553.66	2.9%
8:15 AM	160,719.59	35358.31	85.6%	7,624.65	1677.42	4.1%	7,624.65	1677.42	4.1%
8:30 AM	125,261.70	31315.42	66.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	101,125.32	25281.33	53.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	85,831.39	21457.85	45.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	74,478.09	18619.52	39.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	61,675.20	15418.80	32.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	51,226.55	12806.64	27.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	42,649.71	10662.43	22.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	35,123.67	8780.92	18.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	27,049.38	6762.34	14.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	20,256.64	5064.16	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	15,163.01	3790.75	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	11,630.80	2907.70	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	10,235.59	2558.90	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10,398.64	2599.66	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	10,432.94	2608.24	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,186.87	2546.72	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	9,298.55	2324.64	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	8,460.22	2115.05	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	7,460.90	1865.22	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	6,598.30	1649.58	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	5,618.25	1404.56	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,854.98	1213.75	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,751.82	1187.95	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,755.02	1188.76	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,747.52	1186.88	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,754.18	1188.54	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,750.13	1187.53	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,784.87	1196.22	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,960.74	1240.19	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	5,159.52	1289.88	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	5,381.17	1345.29	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	5,655.98	1413.99	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,982.92	1495.73	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	6,384.27	1596.07	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	6,885.96	1721.49	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	7,545.00	1886.25	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	8,444.66	2111.17	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	10,012.50	2302.87	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:58 PM	11,968.37	1316.52	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	183,973.92	7358.96	98.0%	1,453.21	58.13	0.8%	1,453.21	58.13	0.8%
8:15 AM	183,141.09	31133.98	97.6%	505.51	85.94	0.3%	505.51	85.94	0.3%
8:30 AM	148,481.00	37120.25	79.1%	4,143.20	1035.80	2.2%	4,143.20	1035.80	2.2%
8:45 AM	118,444.65	29611.16	63.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	97,687.51	24421.88	52.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	80,973.59	20243.40	43.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	66,517.75	16629.44	35.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	55,094.60	13773.65	29.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	46,077.46	11519.37	24.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	38,671.21	9667.80	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	31,216.39	7804.10	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	24,723.70	6180.92	13.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	19,480.43	4870.11	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	16,439.52	4109.88	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	13,723.10	3430.78	7.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	12,401.38	3100.34	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	12,073.92	3018.48	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	11,715.23	2928.81	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	10,800.00	2700.00	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	10,110.21	2527.55	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	9,118.63	2279.66	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	8,085.19	2021.30	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	6,722.98	1680.74	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	5,591.83	1397.96	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,885.29	1221.32	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,892.41	1223.10	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,888.87	1222.22	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,901.23	1225.31	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,903.75	1225.94	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,927.59	1231.90	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	5,077.77	1269.44	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	5,298.13	1324.53	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	5,544.89	1386.22	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	5,846.84	1461.71	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	6,216.69	1554.17	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	6,682.60	1670.65	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	7,270.32	1817.58	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	8,082.07	2020.52	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	9,329.53	2518.97	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:47 PM	11,874.17	1662.38	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	186,180.77	22341.69	99.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	180,176.50	43242.36	96.0%	102.92	24.70	0.1%	102.92	24.70	0.1%
8:45 AM	138,578.07	34644.52	73.8%	1,870.13	467.53	1.0%	1,870.13	467.53	1.0%
9:00 AM	109,829.65	27457.41	58.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	88,440.52	22110.13	47.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	72,208.68	18052.17	38.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	59,634.46	14908.61	31.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	49,827.23	12456.81	26.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	41,922.11	10480.53	22.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	35,087.23	8771.81	18.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	30,225.86	7556.46	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	25,195.71	6298.93	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	22,005.09	5501.27	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	18,897.10	4724.28	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	16,557.48	4139.37	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	14,731.53	3682.88	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	14,090.85	3522.71	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	13,095.41	3273.85	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	12,339.07	3084.77	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	11,150.98	2787.74	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	10,034.39	2508.60	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	8,453.34	2113.33	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	6,955.41	1738.85	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	5,439.14	1359.79	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	5,039.85	1259.96	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	5,040.64	1260.16	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	5,059.82	1264.96	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	5,070.65	1267.66	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	5,101.25	1275.31	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	5,206.60	1301.65	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	5,451.86	1362.96	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	5,728.25	1432.06	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	6,056.62	1514.16	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	6,473.52	1618.38	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	7,009.45	1752.36	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	7,717.50	1929.37	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	8,767.31	2191.83	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	10,526.58	2000.05	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:37 PM	11,781.54	706.89	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	186,995.41	11219.72	99.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	185,412.13	33374.18	98.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	162,678.48	40669.62	86.7%	1,634.35	408.59	0.9%	1,634.35	408.59	0.9%
9:00 AM	125,126.40	31281.60	66.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	98,110.11	24527.53	52.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	78,846.35	19711.59	42.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	65,055.32	16263.83	34.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	53,983.11	13495.78	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	45,401.64	11350.41	24.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	39,626.69	9906.67	21.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	35,806.55	8951.64	19.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	31,861.00	7965.25	17.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	28,693.86	7173.46	15.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	25,203.50	6300.87	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	22,742.10	5685.53	12.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	19,873.09	4968.27	10.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	17,663.27	4415.82	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	16,242.53	4060.63	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	15,320.29	3830.07	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	13,958.58	3489.65	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,688.88	3172.22	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	10,835.61	2708.90	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	9,052.18	2263.04	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	6,837.99	1709.50	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	5,402.05	1350.51	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	5,202.36	1300.59	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	5,230.69	1307.67	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	5,250.07	1312.52	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	5,294.92	1323.73	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	5,352.32	1338.08	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	5,617.68	1404.42	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	5,923.77	1480.94	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	6,291.68	1572.92	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	6,745.14	1686.28	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	7,375.05	1843.76	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	8,269.07	2067.27	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	9,466.59	2082.65	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:27 PM	11,632.43	1163.24	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	186,823.53	24287.06	99.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	180,810.42	45202.61	96.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	143,285.52	35821.38	76.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	110,755.26	27688.82	59.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	87,412.82	21853.20	46.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	71,533.83	17883.46	38.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	58,801.55	14700.39	31.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	50,052.75	12513.19	26.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	44,673.21	11168.30	23.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	41,346.98	10336.75	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	39,100.12	9775.03	20.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	36,605.58	9151.40	19.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	32,697.37	8174.34	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	30,167.57	7541.89	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	26,775.93	6693.98	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	23,452.74	5863.19	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	20,409.84	5102.46	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	19,164.06	4791.01	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	17,461.62	4365.41	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	16,038.56	4009.64	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	13,912.50	3478.12	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,849.44	2962.36	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	9,191.47	2297.87	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	6,756.76	1689.19	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	5,372.70	1343.17	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	5,410.22	1352.55	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	5,441.50	1360.37	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	5,502.54	1375.63	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	5,560.96	1390.24	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	5,786.18	1446.54	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	6,122.58	1530.65	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	6,529.94	1632.49	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	7,033.39	1758.35	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	7,798.50	1949.63	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	8,912.89	2228.22	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	10,762.20	1614.33	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:18 PM	11,388.74	341.66	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	185,530.15	12987.11	98.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	181,342.13	34455.00	96.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	168,814.74	42203.69	89.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	127,694.86	31923.71	68.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	98,083.48	24520.87	52.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	79,395.35	19848.84	42.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	64,550.34	16137.59	34.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	56,039.29	14009.82	29.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	50,618.65	12654.66	27.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	47,758.85	11939.71	25.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	46,074.26	11518.57	24.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	44,854.27	11213.57	23.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	41,492.81	10373.20	22.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	38,622.89	9655.72	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	34,567.32	8641.83	18.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	30,874.24	7718.56	16.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	26,538.07	6634.52	14.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	23,930.58	5982.65	12.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	21,739.62	5434.91	11.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	19,966.84	4991.71	10.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	17,531.99	4383.00	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	15,192.60	3798.15	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12,146.75	3036.69	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	9,282.51	2320.63	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	6,262.75	1565.69	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	5,595.61	1398.90	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	5,639.79	1409.95	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	5,716.14	1429.04	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	5,789.27	1447.32	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	5,950.39	1487.60	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	6,314.14	1578.53	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	6,768.49	1692.12	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	7,363.89	1840.97	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	8,270.59	2067.65	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	9,625.07	2021.26	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:10 PM	11,096.88	998.72	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	182,470.46	1824.70	97.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	182,219.13	23688.49	97.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	174,352.43	43588.11	92.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	149,615.68	37403.92	79.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	111,552.25	27888.06	59.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	88,975.50	22243.88	47.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	72,138.54	18034.63	38.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	62,650.16	15662.54	33.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	56,768.34	14192.09	30.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	54,664.34	13666.09	29.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	52,856.80	13214.20	28.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	52,562.67	13140.67	28.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	50,686.02	12671.50	27.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	47,911.55	11977.89	25.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	43,097.79	10774.45	23.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	38,908.00	9727.00	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	33,924.64	8481.16	18.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	30,153.11	7538.28	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	26,579.59	6644.90	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	24,476.16	6119.04	13.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	21,604.89	5401.22	11.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	18,883.50	4720.88	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	15,674.87	3918.72	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,499.41	3124.85	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	8,773.57	2193.39	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	6,224.45	1556.11	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	5,837.48	1459.37	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	5,927.33	1481.83	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	6,017.09	1504.27	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	6,151.42	1537.86	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	6,489.61	1622.40	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,002.97	1750.74	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	7,717.66	1929.42	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	8,760.47	2190.12	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	10,439.39	1565.91	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:03 PM	10,969.27	329.08	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	179,639.25	14371.14	95.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	175,314.21	35062.84	93.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	167,377.77	41844.44	89.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	129,920.98	32480.24	69.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	100,413.70	25103.42	53.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	81,620.59	20405.15	43.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	70,142.80	17535.70	37.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	63,658.81	15914.70	33.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	61,264.80	15316.20	32.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	59,393.80	14848.45	31.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	59,219.01	14804.75	31.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	58,812.15	14703.04	31.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	57,193.11	14298.28	30.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	52,111.06	13027.76	27.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	47,190.41	11797.60	25.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	41,586.92	10396.73	22.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	37,296.58	9324.15	19.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	32,483.80	8120.95	17.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	29,333.93	7333.48	15.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	25,733.46	6433.36	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	22,642.26	5660.57	12.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	19,249.34	4812.33	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	16,274.25	4068.56	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	12,040.61	3010.15	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	8,405.86	2101.46	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	6,050.66	1512.66	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	6,128.66	1532.17	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	6,230.75	1557.69	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	6,374.74	1593.69	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	6,647.10	1661.78	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,233.54	1808.38	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,060.31	2015.08	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	9,210.40	2118.39	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:57 PM	10,873.37	1196.07	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	177,247.22	3544.94	94.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	176,801.65	26520.25	94.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	169,132.11	42283.03	90.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	153,398.69	38349.67	81.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	115,446.99	28861.75	61.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	92,032.32	23008.08	49.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	78,493.58	19623.40	41.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	70,428.41	17607.10	37.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	67,361.34	16840.33	35.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	65,273.80	16318.45	34.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	65,134.94	16283.74	34.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	64,756.26	16189.07	34.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	65,193.93	16298.48	34.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	60,851.50	15212.88	32.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	55,531.00	13882.75	29.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	49,172.58	12293.15	26.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	44,502.23	11125.56	23.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	39,021.29	9755.32	20.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	34,469.30	8617.32	18.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	29,844.47	7461.12	15.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	26,483.05	6620.76	14.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	22,780.43	5695.11	12.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	19,898.84	4974.71	10.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	15,839.73	3959.93	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	11,696.89	2924.22	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	7,482.25	1870.56	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	6,307.26	1576.82	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	6,419.80	1604.95	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	6,582.80	1645.70	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	6,789.00	1697.25	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,427.38	1856.84	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,341.46	2085.37	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	9,600.00	1920.00	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	10,853.98	868.32	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	175,335.17	15780.17	93.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	170,642.38	35834.90	90.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	163,135.49	40783.87	86.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	132,284.06	33071.01	70.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	103,334.97	25833.74	55.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	87,104.05	21776.01	46.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	76,949.18	19237.29	41.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	72,745.52	18186.38	38.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	70,271.41	17567.85	37.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	70,033.80	17508.45	37.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	69,663.18	17415.79	37.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	70,228.34	17557.08	37.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	68,214.58	17053.65	36.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	63,548.07	15887.02	33.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	56,428.51	14107.13	30.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	51,545.89	12886.47	27.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	46,067.90	11516.97	24.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	40,187.31	10046.83	21.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	33,905.77	8476.44	18.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	30,105.93	7526.48	16.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	26,190.40	6547.60	14.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	23,351.15	5837.79	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	19,595.66	4898.92	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	15,376.64	3844.16	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	10,380.35	2595.09	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	6,922.59	1730.65	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	6,573.64	1643.41	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	6,752.92	1688.23	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	6,973.53	1743.38	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,556.97	1889.24	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,495.89	2123.97	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	9,901.17	1782.21	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	10,850.78	542.54	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	173,931.93	6957.28	92.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	172,931.83	29398.41	92.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	164,929.23	41232.31	87.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	151,349.92	37837.48	80.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	116,048.96	29012.24	61.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	95,530.25	23882.56	50.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	83,063.77	20765.94	44.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	77,373.14	19343.28	41.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	74,238.75	18559.69	39.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	73,752.06	18438.01	39.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	73,353.52	18338.38	39.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	74,011.11	18502.78	39.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	72,682.32	18170.58	38.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	69,580.91	17395.23	37.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	62,905.41	15726.35	33.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	57,014.59	14253.65	30.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	50,352.91	12588.23	26.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	44,457.31	11114.33	23.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	37,868.35	9467.09	20.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	33,306.06	8326.51	17.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	29,332.18	7333.04	15.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	26,513.35	6628.34	14.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	22,841.46	5710.37	12.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	18,950.75	4737.69	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	13,520.84	3380.21	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	8,904.22	2226.05	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	6,682.43	1670.61	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	6,871.67	1717.92	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	7,110.02	1777.50	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,601.39	1900.35	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,539.81	2134.95	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	9,994.86	1699.13	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	10,856.34	542.82	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	173,058.25	20766.99	92.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	166,710.50	41677.63	88.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	157,143.07	39285.77	83.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	127,396.74	31849.19	67.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	103,293.03	25823.26	55.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	88,428.70	22107.17	47.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	81,193.84	20298.46	43.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	76,994.53	19248.63	41.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	76,174.97	19043.74	40.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	75,671.87	18917.97	40.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	76,375.50	19093.88	40.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	75,401.33	18850.33	40.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	73,759.15	18439.79	39.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	67,921.74	16980.44	36.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	61,791.75	15447.94	32.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	54,756.25	13689.06	29.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	48,538.45	12134.61	25.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	41,419.46	10354.87	22.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	36,123.35	9030.84	19.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	31,697.32	7924.33	16.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	28,967.95	7241.99	15.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	25,328.30	6332.07	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	21,872.23	5468.06	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	16,315.23	4078.81	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	11,293.67	2823.42	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	7,059.76	1764.94	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	6,928.62	1732.15	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	7,166.42	1791.61	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,599.72	1899.93	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,468.68	2117.17	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	9,855.23	1773.94	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:52 PM	10,863.96	651.84	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	172,726.43	13818.11	92.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	168,871.49	35463.01	90.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	160,823.57	40205.89	85.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	139,438.57	34859.64	74.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	109,999.15	27499.79	58.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	92,367.80	23091.95	49.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	83,513.52	20878.38	44.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	78,499.27	19624.82	41.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	77,214.70	19303.67	41.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	76,545.34	19136.33	40.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	77,198.99	19299.75	41.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	76,624.18	19156.05	40.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	75,250.61	18812.65	40.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	70,413.39	17603.35	37.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	64,662.70	16165.67	34.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	57,387.41	14346.85	30.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	51,058.86	12764.71	27.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	43,774.33	10943.58	23.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	38,014.58	9503.65	20.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	33,111.68	8277.92	17.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	30,382.61	7595.65	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	26,786.64	6696.66	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	23,555.67	5888.92	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	18,203.39	4550.85	9.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	13,100.99	3275.25	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	7,870.79	1967.70	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	6,921.54	1730.38	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	7,144.07	1786.02	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,542.27	1885.57	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,301.84	2075.46	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	9,558.25	2007.23	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	10,866.97	869.36	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

APPENDIX 2: SHADOW CALCULATIONS FOR MISSION CREEK PARK ESPLANADE (NP1)

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	9,728.20	1070.10	20.9%	15,726.18	1729.88	33.7%	15,726.18	1729.88	33.7%
7:00 AM	6,424.40	1477.61	13.8%	9,863.47	2268.60	21.2%	9,863.47	2268.60	21.2%
7:15 AM	5,651.33	1412.83	12.1%	825.87	206.47	1.8%	825.87	206.47	1.8%
7:30 AM	4,600.00	1150.00	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	3,488.68	872.17	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	2,731.47	682.87	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,219.94	554.98	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,661.71	415.43	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,184.83	296.21	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	919.17	229.79	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	545.01	136.25	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	425.26	106.31	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	327.65	81.91	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	241.70	60.42	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	164.63	41.16	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	108.68	27.17	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	61.13	15.28	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	15.57	3.89	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	11.67	2.92	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	11.15	2.79	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10.34	2.58	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9.60	2.40	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	9.34	2.33	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	10.05	2.51	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11.08	2.77	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12.28	3.07	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	14.41	3.60	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	18.07	4.52	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	25.26	6.32	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	61.33	15.33	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	578.06	144.51	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	2,326.90	581.73	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,030.64	1007.66	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	6,080.69	1520.17	13.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	8,158.97	2039.74	17.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	10,568.73	2642.18	22.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	13,113.80	3278.45	28.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	16,081.64	4020.41	34.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	19,478.41	4869.60	41.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	23,576.94	5894.23	50.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	28,517.25	7129.31	61.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	34,657.35	8664.34	74.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	38,772.88	9693.22	83.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	41,516.53	10379.13	89.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	42,914.43	10728.61	92.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	44,169.41	11042.35	94.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	45,801.19	11450.30	98.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	45,895.75	11473.94	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	45,895.46	11473.86	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	45,895.32	11473.83	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	45,892.42	13767.72	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	45,895.43	8261.18	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	9,974.60	997.46	21.4%	15,009.13	1500.91	32.2%	15,009.13	1500.91	32.2%
7:00 AM	6,377.75	1403.10	13.7%	11,989.37	2637.66	25.7%	11,989.37	2637.66	25.7%
7:15 AM	5,777.37	1444.34	12.4%	1,109.50	277.38	2.4%	1,109.50	277.38	2.4%
7:30 AM	4,765.72	1191.43	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	3,622.78	905.69	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	2,815.98	703.99	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,290.25	572.56	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,739.83	434.96	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,238.86	309.71	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	957.56	239.39	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	573.56	143.39	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	441.87	110.47	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	341.81	85.45	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	256.13	64.03	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	175.63	43.91	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	117.81	29.45	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	69.66	17.42	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	19.73	4.93	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	11.69	2.92	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	11.17	2.79	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10.38	2.59	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9.65	2.41	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	9.25	2.31	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	9.97	2.49	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	10.96	2.74	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12.17	3.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	14.11	3.53	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	17.53	4.38	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	24.00	6.00	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	51.81	12.95	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	405.81	101.45	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	2,103.70	525.93	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,793.94	948.49	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	5,833.19	1458.30	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,892.41	1973.10	16.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	10,289.03	2572.26	22.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	12,809.56	3202.39	27.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	15,743.79	3935.95	33.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	19,087.51	4771.88	41.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	23,122.45	5780.61	49.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	27,956.34	6989.09	60.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	34,038.19	8509.55	73.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	38,533.26	9633.32	82.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	41,258.34	10314.59	88.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	42,822.80	10705.70	91.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	44,113.04	11028.26	94.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	45,707.72	11426.93	98.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	45,895.68	11473.92	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	45,895.64	11473.91	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	45,895.68	11473.92	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	45,895.51	13768.65	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	45,895.60	8261.21	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	10,731.27	643.88	23.0%	12,650.42	759.03	27.1%	12,650.42	759.03	27.1%
7:00 AM	6,629.66	1259.64	14.2%	13,427.05	2551.14	28.8%	13,427.05	2551.14	28.8%
7:15 AM	5,907.56	1476.89	12.7%	2,861.53	715.38	6.1%	2,861.53	715.38	6.1%
7:30 AM	4,917.27	1229.32	10.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	3,900.16	975.04	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	2,970.87	742.72	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,415.08	603.77	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,860.74	465.18	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,322.95	330.74	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,017.84	254.46	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	624.03	156.01	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	471.35	117.84	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	368.49	92.12	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	280.78	70.19	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	196.38	49.10	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	135.66	33.92	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	85.07	21.27	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	31.26	7.82	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	11.66	2.91	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	11.11	2.78	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10.38	2.59	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9.60	2.40	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	9.24	2.31	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	9.96	2.49	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	10.89	2.72	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12.01	3.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	13.83	3.46	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	16.95	4.24	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	22.53	5.63	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	42.60	10.65	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	170.31	42.58	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,793.02	448.25	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,478.76	869.69	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	5,509.45	1377.36	11.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,565.48	1891.37	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	9,956.66	2489.17	21.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	12,465.71	3116.43	26.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	15,388.90	3847.23	33.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	18,695.81	4673.95	40.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	22,687.84	5671.96	48.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	27,456.97	6864.24	58.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	33,524.81	8381.20	71.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	38,372.41	9593.10	82.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	41,120.86	10280.22	88.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	42,798.41	10699.60	91.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	44,087.29	11021.82	94.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	45,610.33	11402.58	97.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	45,895.53	11473.88	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	45,895.58	11473.90	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	45,895.60	11473.90	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	45,895.63	13768.69	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	45,895.67	8261.22	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	11,666.12	349.98	25.0%	9,058.64	271.76	19.4%	9,058.64	271.76	19.4%
7:00 AM	8,662.88	1299.43	18.6%	11,031.82	1654.77	23.7%	11,031.82	1654.77	23.7%
7:15 AM	5,946.23	1486.56	12.8%	6,317.90	1579.48	13.6%	6,317.90	1579.48	13.6%
7:30 AM	5,068.75	1267.19	10.9%	197.06	49.27	0.4%	197.06	49.27	0.4%
7:45 AM	4,252.26	1063.07	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	3,238.01	809.50	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,603.23	650.81	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,024.92	506.23	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,443.19	360.80	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,104.41	276.10	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	706.86	176.72	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	520.04	130.01	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	406.48	101.62	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	314.87	78.72	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	226.38	56.59	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	162.56	40.64	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	107.26	26.82	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	47.31	11.83	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	12.77	3.19	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	11.03	2.76	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10.21	2.55	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9.52	2.38	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	9.34	2.33	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	10.05	2.51	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	10.91	2.73	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	11.91	2.98	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	13.79	3.45	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	16.59	4.15	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	21.35	5.34	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	35.71	8.93	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	108.33	27.08	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,398.90	349.72	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,086.42	771.60	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	5,126.18	1281.54	11.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,177.43	1794.36	15.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	9,577.48	2394.37	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	12,090.71	3022.68	25.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	15,018.86	3754.72	32.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	18,311.72	4577.93	39.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	22,284.57	5571.14	47.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	27,021.14	6755.29	58.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	33,119.78	8279.94	71.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	38,270.34	9567.59	82.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	41,081.18	10270.29	88.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	42,840.56	10710.14	91.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	44,107.63	11026.91	94.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	45,534.25	11383.56	97.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	45,895.54	11473.89	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	45,895.65	11473.91	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	45,895.37	11473.84	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	45,895.49	12850.74	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:33 PM	45,895.67	6884.35	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	12,894.08	1676.23	27.7%	5,325.02	692.25	11.4%	5,325.02	692.25	11.4%
7:16 AM	6,014.00	1443.36	12.9%	8,245.67	1978.96	17.7%	8,245.67	1978.96	17.7%
7:30 AM	5,126.19	1230.29	11.0%	1,814.94	435.59	3.9%	1,814.94	435.59	3.9%
7:45 AM	4,523.48	1130.87	9.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	3,710.07	927.52	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,868.63	717.16	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,204.05	551.01	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,588.38	397.10	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,211.57	302.89	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	780.20	195.05	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	592.81	148.20	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	455.66	113.91	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	356.49	89.12	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	263.71	65.93	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	198.92	49.73	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	136.52	34.13	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	66.86	16.72	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	23.59	5.90	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	10.77	2.69	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10.03	2.51	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9.34	2.33	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	9.48	2.37	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	10.14	2.53	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	10.97	2.74	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12.01	3.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	13.70	3.43	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	16.18	4.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	20.38	5.09	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	31.06	7.77	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	74.24	18.56	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	969.15	242.29	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	2,644.49	661.12	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,702.79	1175.70	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	6,762.55	1690.64	14.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	9,185.12	2296.28	19.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	11,717.62	2929.40	25.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	14,674.73	3668.68	31.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	17,980.47	4495.12	38.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	21,956.89	5489.22	47.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	26,720.27	6680.07	57.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	32,897.16	8224.29	70.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	38,286.59	9571.65	82.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	41,180.20	10295.05	88.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	42,968.80	10742.20	92.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	44,184.00	11046.00	94.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	45,497.97	11374.49	97.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	45,889.53	11472.38	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	45,895.41	11473.85	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	45,895.39	11473.85	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	45,895.68	11473.92	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 PM	45,895.53	5966.42	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	13,883.18	832.99	29.8%	3,107.65	186.46	6.7%	3,107.65	186.46	6.7%
7:15 AM	8,136.41	1545.92	17.5%	5,228.47	993.41	11.2%	5,228.47	993.41	11.2%
7:30 AM	4,953.41	1238.35	10.6%	3,611.68	902.92	7.8%	3,611.68	902.92	7.8%
7:45 AM	4,701.17	1175.29	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	4,149.48	1037.37	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	3,260.57	815.14	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,419.16	604.79	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,762.81	440.70	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,343.32	335.83	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	874.48	218.62	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	682.19	170.55	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	529.67	132.42	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	406.77	101.69	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	308.94	77.24	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	242.14	60.53	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	169.25	42.31	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	88.59	22.15	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	36.98	9.24	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	11.05	2.76	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9.80	2.45	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9.28	2.32	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	9.60	2.40	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	10.28	2.57	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11.05	2.76	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12.10	3.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	13.65	3.41	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	15.88	3.97	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	19.57	4.89	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	27.87	6.97	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	52.23	13.06	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	508.65	127.16	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	2,136.77	534.19	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,221.79	1055.45	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	6,303.85	1575.96	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,761.88	2190.47	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	11,330.02	2832.50	24.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	14,335.94	3583.98	30.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	17,672.10	4418.02	37.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	21,682.23	5420.56	46.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	26,510.55	6627.64	56.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	32,778.41	8194.60	70.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	38,400.44	9600.11	82.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	41,413.40	10353.35	88.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	43,145.71	10786.43	92.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	44,242.93	11060.73	94.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	45,239.19	11309.80	97.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	45,765.30	11441.32	98.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	45,895.72	11473.93	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	45,895.63	11473.91	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	45,895.72	9638.10	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:25 PM	45,895.58	4130.60	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	14,091.07	281.82	30.2%	1,285.46	25.71	2.8%	1,285.46	25.71	2.8%
7:15 AM	12,497.37	1874.60	26.8%	380.00	57.00	0.8%	380.00	57.00	0.8%
7:30 AM	4,763.71	1190.93	10.2%	3,106.44	776.61	6.7%	3,106.44	776.61	6.7%
7:45 AM	4,596.24	1149.06	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	4,425.34	1106.33	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	3,678.70	919.67	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,700.86	675.21	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,974.07	493.52	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,472.87	368.22	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	982.09	245.52	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	770.25	192.56	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	620.16	155.04	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	473.30	118.33	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	361.52	90.38	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	288.25	72.06	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	198.72	49.68	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	110.33	27.58	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	45.96	11.49	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	15.17	3.79	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9.52	2.38	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9.17	2.29	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	9.83	2.46	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	10.45	2.61	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11.20	2.80	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12.27	3.07	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	13.69	3.42	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	15.74	3.94	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	19.04	4.76	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	25.66	6.41	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	41.43	10.36	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	167.54	41.89	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,598.62	399.65	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	3,722.81	930.70	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	5,842.94	1460.73	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,352.35	2088.09	17.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	10,979.08	2744.77	23.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	14,047.07	3511.77	30.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	17,438.01	4359.50	37.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	21,539.71	5384.93	46.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	26,467.29	6616.82	56.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	32,901.95	8225.49	70.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	38,682.80	9670.70	83.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	41,813.01	10453.25	89.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	43,322.38	10830.59	93.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	44,283.54	11070.89	95.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	44,632.84	11158.21	95.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	45,444.66	11361.16	97.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	45,848.66	11462.17	98.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	45,895.74	11473.93	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	45,895.81	6884.37	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:18 PM	45,895.39	1376.86	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	10,581.95	952.38	22.7%	5,387.29	484.86	11.6%	5,387.29	484.86	11.6%
7:30 AM	6,371.34	1337.98	13.7%	500.73	105.15	1.1%	500.73	105.15	1.1%
7:45 AM	4,235.52	1058.88	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	4,475.25	1118.81	9.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	3,880.99	970.25	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	3,100.29	775.07	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,231.62	557.91	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,573.58	393.40	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,095.37	273.84	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	868.65	217.16	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	708.33	177.08	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	549.63	137.41	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	426.04	106.51	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	328.64	82.16	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	221.17	55.29	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	125.86	31.47	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	52.68	13.17	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12.62	3.15	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9.24	2.31	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9.51	2.38	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10.08	2.52	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	10.63	2.66	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11.48	2.87	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12.35	3.09	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	13.83	3.46	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	15.72	3.93	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	18.76	4.69	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	24.11	6.03	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	35.39	8.85	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	101.40	25.35	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,040.09	260.02	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	3,188.59	797.15	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	5,357.92	1339.48	11.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	7,935.50	1983.88	17.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	10,624.59	2656.15	22.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,777.15	3444.29	29.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	17,254.39	4313.60	37.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	21,478.03	5369.51	46.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	26,552.12	6638.03	57.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	33,256.12	8314.03	71.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	39,159.06	9789.76	84.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	42,279.00	10569.75	90.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	43,537.63	10884.41	93.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	44,229.34	11057.34	94.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	44,351.46	11087.87	95.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	44,883.67	11220.92	96.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	45,594.99	15502.30	97.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:10 PM	45,895.47	9638.05	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	7,804.88	312.20	16.7%	10,408.77	416.35	22.3%	10,408.77	416.35	22.3%
7:30 AM	7,172.96	1219.40	15.4%	4,098.45	696.74	8.8%	4,098.45	696.74	8.8%
7:45 AM	4,138.62	1034.66	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	4,074.65	1018.66	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	3,882.71	970.68	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	3,317.01	829.25	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,600.95	650.24	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,721.55	430.39	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,209.36	302.34	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	968.01	242.00	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	798.70	199.68	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	621.63	155.41	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	490.43	122.61	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	359.87	89.97	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	233.62	58.40	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	130.88	32.72	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	52.30	13.07	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	10.24	2.56	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9.18	2.30	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9.70	2.43	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10.28	2.57	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	10.77	2.69	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11.48	2.87	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12.48	3.12	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	13.80	3.45	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	15.69	3.92	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	18.31	4.58	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	22.95	5.74	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	31.71	7.93	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	65.35	16.34	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	481.77	120.44	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	2,593.98	648.49	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,836.33	1209.08	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	7,480.79	1870.20	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	10,251.10	2562.77	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,503.73	3375.93	29.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	17,101.05	4275.26	36.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	21,458.00	5364.50	46.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	26,744.14	6686.04	57.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	33,862.06	8465.51	72.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	39,739.37	9934.84	85.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	42,675.45	10668.86	91.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	43,713.67	10928.42	93.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	44,123.55	11030.89	94.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	44,255.34	11063.83	95.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	44,473.31	11118.33	95.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	45,170.99	12196.17	96.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:02 PM	45,895.63	6425.39	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	5,444.24	598.87	11.7%	8,985.82	988.44	19.3%	8,985.82	988.44	19.3%
7:45 AM	4,134.79	951.00	8.9%	112.39	25.85	0.2%	112.39	25.85	0.2%
8:00 AM	3,734.78	933.70	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	3,524.42	881.10	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	3,331.59	832.90	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,747.12	686.78	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,985.56	496.39	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,323.05	330.76	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,056.87	264.22	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	887.84	221.96	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	692.47	173.12	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	529.77	132.44	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	375.77	93.94	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	232.38	58.09	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	120.19	30.05	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	30.83	7.71	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	9.25	2.31	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9.45	2.36	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9.91	2.48	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10.48	2.62	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11.00	2.75	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11.72	2.93	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12.72	3.18	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	13.94	3.49	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	15.72	3.93	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	18.24	4.56	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	22.22	5.56	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	29.35	7.34	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	50.68	12.67	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	188.70	47.17	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,991.68	497.92	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,309.00	1077.25	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	7,045.16	1761.29	15.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	9,922.26	2480.57	21.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,309.08	3327.27	28.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	17,057.61	4264.40	36.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	21,614.37	5403.59	46.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	27,232.86	6808.22	58.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	34,894.00	8723.50	74.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	40,359.91	10089.98	86.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	42,963.46	10740.87	92.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	43,717.98	10929.49	93.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	44,009.43	11002.36	94.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	44,259.39	11064.85	95.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	44,957.12	11239.28	96.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	44,752.24	8502.93	96.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:52 PM	45,895.56	2753.73	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	4,357.76	261.47	9.4%	4,354.09	261.25	9.3%	4,354.09	261.25	9.3%
7:45 AM	3,980.40	756.28	8.5%	2,532.13	481.10	5.4%	2,532.13	481.10	5.4%
8:00 AM	3,574.93	893.73	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	3,183.13	795.78	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	3,004.69	751.17	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,697.48	674.37	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	2,098.27	524.57	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,511.52	377.88	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,152.79	288.20	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	965.36	241.34	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	761.20	190.30	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	559.17	139.79	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	369.14	92.28	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	214.82	53.70	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	96.18	24.04	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9.32	2.33	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	9.22	2.31	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9.77	2.44	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	10.17	2.54	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10.60	2.65	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11.27	2.82	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11.94	2.99	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12.91	3.23	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	14.17	3.54	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	15.76	3.94	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	18.08	4.52	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	21.71	5.43	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	27.76	6.94	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	42.67	10.67	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	107.12	26.78	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,322.53	330.63	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	3,717.38	929.34	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	6,566.76	1641.69	14.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	9,563.37	2390.84	20.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,103.54	3275.89	28.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	17,044.75	4261.19	36.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	21,879.27	5469.82	46.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	27,887.58	6971.90	59.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	36,036.06	9009.01	77.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	41,098.87	10274.72	88.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	43,121.57	10780.39	92.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	43,706.49	10926.62	93.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	44,027.57	11006.89	94.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	45,373.78	11343.45	97.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	45,727.90	10517.42	98.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:42 PM	45,890.78	5047.99	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	4,169.42	542.02	8.9%	984.23	127.95	2.1%	984.23	127.95	2.1%
8:00 AM	3,469.75	867.44	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,977.08	744.27	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,601.35	650.34	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,412.66	603.16	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	2,104.58	526.14	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,640.91	410.23	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,300.33	325.08	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,034.94	258.74	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	805.83	201.46	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	568.48	142.12	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	354.21	88.55	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	185.82	46.46	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	37.06	9.27	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9.11	2.28	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	9.48	2.37	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9.97	2.49	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	10.41	2.60	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10.91	2.73	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11.43	2.86	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	12.19	3.05	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	13.17	3.29	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	14.34	3.58	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	15.87	3.97	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	17.98	4.50	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	21.28	5.32	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	26.38	6.59	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	37.80	9.45	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	72.72	18.18	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	654.23	163.56	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	3,058.83	764.71	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	6,024.16	1506.04	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	9,166.98	2291.75	19.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	12,882.21	3220.55	27.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	17,060.36	4265.09	36.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	22,210.03	5552.51	47.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	28,631.51	7157.88	61.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	37,374.47	9343.62	80.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	41,763.92	10440.98	89.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	43,307.80	10826.95	92.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	43,754.36	10938.59	93.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	45,187.58	11296.89	97.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	45,895.60	12391.81	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:31 PM	45,895.53	6425.37	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	3,978.88	318.31	8.5%	1,134.29	90.74	2.4%	1,134.29	90.74	2.4%
8:00 AM	3,428.36	719.96	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,806.48	701.62	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,341.91	585.48	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,062.11	515.53	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,999.20	499.80	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,686.36	421.59	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,423.78	355.95	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,133.94	283.48	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	837.89	209.47	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	551.03	137.76	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	315.16	78.79	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	117.43	29.36	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9.24	2.31	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9.36	2.34	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	9.74	2.44	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10.18	2.55	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	10.58	2.64	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	11.11	2.78	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11.65	2.91	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	12.48	3.12	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	13.34	3.33	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	14.52	3.63	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	15.94	3.99	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	17.98	4.50	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	20.95	5.24	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	25.49	6.37	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	34.46	8.61	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	57.41	14.35	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	244.53	61.13	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	2,311.62	577.91	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	5,419.54	1354.89	11.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	8,718.07	2179.52	18.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	12,636.80	3159.20	27.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	17,074.01	4268.50	36.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	22,529.62	5632.40	48.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	29,506.82	7376.70	63.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	38,862.86	9715.72	83.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	42,605.90	10651.47	91.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	43,404.35	10851.09	93.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	44,986.89	11246.72	96.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	45,895.63	11473.91	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	45,895.37	8261.17	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:21 PM	45,895.56	2294.78	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	3,783.49	75.67	8.1%	5,751.77	115.04	12.3%	5,751.77	115.04	12.3%
8:00 AM	3,517.28	527.59	7.5%	949.68	142.45	2.0%	949.68	142.45	2.0%
8:15 AM	2,553.18	638.30	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,168.14	542.04	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,918.94	479.73	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,732.72	433.18	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,609.60	402.40	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,460.96	365.24	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,178.98	294.75	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	849.20	212.30	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	500.52	125.13	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	243.35	60.84	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12.86	3.21	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9.15	2.29	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9.60	2.40	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	9.94	2.49	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10.38	2.59	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	10.77	2.69	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	11.28	2.82	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11.91	2.98	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	12.65	3.16	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	13.50	3.38	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	14.63	3.66	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	16.03	4.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	17.94	4.49	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	20.74	5.19	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	24.73	6.18	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	32.22	8.05	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	48.55	12.14	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	131.44	32.86	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,483.02	370.76	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,721.79	1180.45	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	8,194.30	2048.57	17.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	12,331.85	3082.96	26.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	17,028.84	4257.21	36.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	22,914.01	5728.50	49.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	30,560.39	7640.10	65.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	39,887.21	9971.80	85.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	42,911.40	10727.85	92.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	44,679.89	11169.97	95.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	45,889.30	11472.33	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	45,895.71	9638.10	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:09 PM	45,895.40	3671.63	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	3,320.34	332.03	7.1%	13,054.86	1305.49	28.0%	13,054.86	1305.49	28.0%
8:15 AM	2,571.12	565.65	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,952.49	488.12	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,830.41	457.60	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,634.92	408.73	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,401.04	350.26	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,356.78	339.19	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,145.16	286.29	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	767.50	191.87	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	418.48	104.62	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	105.26	26.32	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	9.11	2.28	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9.42	2.36	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9.86	2.46	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	10.18	2.55	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10.62	2.65	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	10.91	2.73	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	11.43	2.86	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	12.05	3.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	12.83	3.21	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	13.79	3.45	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	14.73	3.68	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	16.17	4.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	17.91	4.48	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	20.42	5.10	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	24.07	6.02	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	30.39	7.60	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	42.84	10.71	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	87.00	21.75	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	661.73	165.43	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	3,918.07	979.52	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	7,575.74	1893.94	16.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	11,949.47	2987.37	25.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	16,963.04	4240.76	36.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	23,268.77	5817.19	49.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	31,795.18	7948.79	68.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	40,886.70	10221.67	87.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	44,196.19	11049.05	94.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	45,743.94	11435.98	98.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	45,895.54	10555.97	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:58 PM	45,895.64	5048.52	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	2,858.53	114.34	6.1%	15,621.59	624.86	33.5%	15,621.59	624.86	33.5%
8:15 AM	2,680.85	455.74	5.8%	3,022.37	513.80	6.5%	3,022.37	513.80	6.5%
8:30 AM	1,994.88	498.72	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,773.63	443.41	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,578.88	394.72	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,308.21	327.05	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,172.41	293.10	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	963.22	240.81	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	626.78	156.69	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	262.86	65.72	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	9.38	2.34	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	9.32	2.33	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9.69	2.42	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	10.04	2.51	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	10.39	2.60	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10.73	2.68	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	11.15	2.79	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	11.59	2.90	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	12.24	3.06	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	13.01	3.25	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	13.76	3.44	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	14.74	3.69	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	16.18	4.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	17.87	4.47	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	20.18	5.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	23.54	5.89	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	28.95	7.24	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	38.74	9.68	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	66.80	16.70	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	234.55	58.64	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	2,948.25	737.06	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	6,795.51	1698.88	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	11,413.04	2853.26	24.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	16,739.61	4184.90	35.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	23,566.98	5891.75	50.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	33,152.87	8288.22	71.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	42,397.82	10599.46	91.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	45,303.64	11325.91	97.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	45,894.89	12391.62	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:47 PM	45,895.16	6425.32	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	2,423.97	290.88	5.2%	12,239.01	1468.68	26.3%	12,239.01	1468.68	26.3%
8:30 AM	2,067.16	496.12	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,541.69	385.42	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,480.90	370.22	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,225.52	306.38	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,015.80	253.95	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	735.80	183.95	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	426.59	106.65	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	39.37	9.84	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	9.17	2.29	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	9.46	2.37	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9.86	2.46	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	10.20	2.55	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	10.53	2.63	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10.93	2.73	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	11.35	2.84	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	11.76	2.94	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	12.41	3.10	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	13.15	3.29	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	13.94	3.49	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	14.95	3.74	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	16.19	4.05	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	17.76	4.44	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	19.95	4.99	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	22.84	5.71	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	27.71	6.93	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	35.61	8.90	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	55.13	13.78	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	132.68	33.17	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,796.50	449.12	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	5,818.27	1454.57	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	10,685.14	2671.29	22.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	16,361.69	4090.42	35.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	23,685.92	5921.48	50.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	34,632.15	8658.04	74.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	43,899.91	10974.98	94.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	45,890.64	11472.66	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	45,895.68	8720.18	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:37 PM	45,895.58	2753.74	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	2,039.29	122.36	4.4%	10,279.66	616.78	22.1%	10,279.66	616.78	22.1%
8:30 AM	1,953.72	351.67	4.2%	7,719.18	1389.45	16.6%	7,719.18	1389.45	16.6%
8:45 AM	1,531.22	382.81	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,293.19	323.30	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,076.78	269.19	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	844.71	211.18	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	525.57	131.39	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	199.98	49.99	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	9.17	2.29	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	9.32	2.33	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	9.67	2.42	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9.98	2.50	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	10.42	2.61	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	10.65	2.66	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	11.05	2.76	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	11.39	2.85	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	11.89	2.97	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	12.49	3.12	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	13.21	3.30	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	13.93	3.48	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	14.88	3.72	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	16.21	4.05	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	17.69	4.42	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	19.70	4.93	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	22.33	5.58	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	26.60	6.65	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	33.32	8.33	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	47.40	11.85	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	88.76	22.19	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	630.31	157.58	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,630.83	1157.71	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	9,754.87	2438.72	20.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	15,784.81	3946.20	33.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	23,776.76	5944.19	51.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	35,502.44	8875.61	76.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	45,021.99	11255.50	96.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	45,895.57	10097.03	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:27 PM	45,895.53	4589.55	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	1,981.24	257.56	4.3%	9,585.92	1246.17	20.6%	9,585.92	1246.17	20.6%
7:45 AM	1,537.27	384.32	3.3%	933.11	233.28	2.0%	933.11	233.28	2.0%
8:00 AM	1,192.75	298.19	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	946.44	236.61	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	734.27	183.57	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	339.77	84.94	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	34.12	8.53	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	9.21	2.30	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	9.51	2.38	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	9.79	2.45	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10.12	2.53	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10.43	2.61	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	10.74	2.69	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	11.05	2.76	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11.49	2.87	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	12.07	3.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12.63	3.16	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	13.27	3.32	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	13.93	3.48	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	14.94	3.74	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	16.18	4.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	17.52	4.38	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	19.40	4.85	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	21.94	5.48	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	25.59	6.40	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	31.19	7.80	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	41.92	10.48	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	68.13	17.03	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	212.47	53.12	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,177.86	794.47	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	8,549.24	2137.31	18.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,956.40	3739.10	32.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	23,151.23	5787.81	49.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	36,377.15	9094.29	78.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	45,660.32	11415.08	98.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	45,895.65	6884.35	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:18 PM	45,895.47	1376.86	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	2,098.10	146.87	4.5%	8,931.00	625.17	19.2%	8,931.00	625.17	19.2%
7:45 AM	1,300.73	247.14	2.8%	8,342.85	1585.14	17.9%	8,342.85	1585.14	17.9%
8:00 AM	1,076.69	269.17	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	829.92	207.48	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,324.60	331.15	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	776.19	194.05	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	22.52	5.63	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	9.39	2.35	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	9.59	2.40	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	9.87	2.47	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10.24	2.56	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10.49	2.62	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	10.77	2.69	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	11.21	2.80	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11.52	2.88	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	12.11	3.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12.67	3.17	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	13.34	3.33	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	14.03	3.51	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	14.87	3.72	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	16.11	4.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	17.42	4.35	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	19.15	4.79	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	21.39	5.35	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	24.64	6.16	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	29.44	7.36	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	37.92	9.48	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	55.92	13.98	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	124.62	31.16	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,510.74	377.68	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	7,033.43	1758.36	15.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	13,606.69	3401.67	29.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	22,101.91	5525.48	47.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	36,124.69	9031.17	77.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	45,875.17	9633.78	98.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:10 PM	45,895.20	4130.57	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	2,321.18	23.21	5.0%	5,774.23	57.74	12.4%	5,774.23	57.74	12.4%
7:45 AM	2,003.95	260.51	4.3%	5,812.01	755.56	12.5%	5,812.01	755.56	12.5%
8:00 AM	996.07	249.02	2.1%	1,192.19	298.05	2.6%	1,192.19	298.05	2.6%
8:15 AM	889.74	222.44	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,032.38	508.10	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,317.79	579.45	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	263.58	65.90	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	9.45	2.36	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	9.70	2.43	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	10.01	2.50	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10.31	2.58	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10.55	2.64	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	10.91	2.73	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	11.24	2.81	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11.59	2.90	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	12.11	3.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12.67	3.17	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	13.27	3.32	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	13.94	3.49	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	14.90	3.72	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	15.87	3.97	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	17.18	4.29	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	18.76	4.69	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	20.90	5.22	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	23.67	5.92	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	27.81	6.95	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	34.71	8.68	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	47.79	11.95	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	85.07	21.27	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	335.58	83.90	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	5,138.45	1284.61	11.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	11,818.98	2954.74	25.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	20,517.95	5129.49	44.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	35,206.68	8801.67	75.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	45,895.25	6884.29	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:03 PM	45,895.65	1376.87	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	2,591.71	207.34	5.6%	2,637.22	210.98	5.7%	2,637.22	210.98	5.7%
8:00 AM	852.62	170.52	1.8%	2,056.29	411.26	4.4%	2,056.29	411.26	4.4%
8:15 AM	1,400.73	350.18	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,509.15	627.29	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	3,628.71	907.18	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,683.03	420.76	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	9.51	2.38	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	9.80	2.45	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	10.05	2.51	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10.35	2.59	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10.60	2.65	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	10.91	2.73	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	11.29	2.82	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11.65	2.91	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	12.15	3.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12.72	3.18	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	13.31	3.33	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	13.96	3.49	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	14.79	3.70	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	15.77	3.94	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	16.97	4.24	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	18.49	4.62	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	20.35	5.09	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	22.90	5.72	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	26.45	6.61	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	32.28	8.07	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	42.15	10.54	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	65.93	16.48	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	160.10	40.02	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	2,967.90	741.98	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	9,707.13	2426.78	20.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	18,457.42	4614.36	39.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	33,376.09	7676.50	71.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:57 PM	45,711.08	5028.22	98.1%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	2,945.50	58.91	6.3%	790.42	15.81	1.7%	790.42	15.81	1.7%
8:00 AM	1,813.28	271.99	3.9%	795.38	119.31	1.7%	795.38	119.31	1.7%
8:15 AM	1,706.63	426.66	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,811.23	702.81	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	3,613.61	903.40	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	3,547.71	886.93	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,179.04	294.76	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	9.77	2.44	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	10.18	2.55	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10.36	2.59	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10.63	2.66	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	10.84	2.71	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	11.24	2.81	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11.62	2.90	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	12.10	3.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12.63	3.16	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	13.28	3.32	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	13.87	3.47	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	14.67	3.67	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	15.63	3.91	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	16.67	4.17	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	18.15	4.54	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	19.84	4.96	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	22.15	5.54	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	25.28	6.32	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	30.15	7.54	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	37.88	9.47	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	54.68	13.67	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	102.18	25.54	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	791.76	197.94	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,285.33	1821.33	15.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	15,984.35	3996.09	34.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	29,937.75	5987.55	64.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	42,482.50	3398.60	91.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	3,555.47	319.99	7.6%	114.41	10.30	0.2%	114.41	10.30	0.2%
8:15 AM	1,921.80	403.58	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,978.46	744.62	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	3,581.04	895.26	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	3,669.06	917.27	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	2,616.08	654.02	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	468.12	117.03	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	10.08	2.52	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10.41	2.60	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10.60	2.65	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	10.89	2.72	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	11.25	2.81	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11.62	2.90	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	12.11	3.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12.66	3.16	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	13.12	3.28	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	13.73	3.43	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	14.50	3.63	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	15.43	3.86	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	16.49	4.12	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	17.79	4.45	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	19.36	4.84	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	21.50	5.38	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	24.25	6.06	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	28.39	7.10	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	34.77	8.69	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	47.20	11.80	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	76.53	19.13	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	219.52	54.88	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,717.16	1179.29	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	13,269.15	3317.29	28.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	26,418.53	4755.33	56.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	37,217.42	1860.87	79.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	4,282.69	171.31	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,401.44	408.24	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,987.31	746.83	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	3,577.59	894.40	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	3,768.44	942.11	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	3,781.13	945.28	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,535.43	383.86	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	10.05	2.51	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10.34	2.58	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10.63	2.66	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	10.96	2.74	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	11.17	2.79	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11.50	2.88	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	11.98	3.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12.48	3.12	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	13.11	3.28	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	13.66	3.41	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	14.43	3.61	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	15.17	3.79	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	16.18	4.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	17.48	4.37	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	18.90	4.72	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	20.88	5.22	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	23.46	5.87	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	27.02	6.76	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	32.42	8.10	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	42.08	10.52	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	62.69	15.67	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	139.04	34.76	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	2,212.50	553.13	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	10,441.53	2610.38	22.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	22,545.11	3832.67	48.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	30,564.58	1528.23	65.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	4,676.95	561.23	10.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,902.71	725.68	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	3,365.88	841.47	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	3,785.97	946.49	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	3,758.37	939.59	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	2,594.51	648.63	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	546.15	136.54	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10.29	2.57	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10.53	2.63	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	10.83	2.71	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	11.10	2.77	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11.42	2.86	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	11.91	2.98	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12.36	3.09	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	12.94	3.24	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	13.55	3.39	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	14.18	3.55	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	15.00	3.75	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	15.97	3.99	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	17.10	4.27	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	18.52	4.63	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	20.31	5.08	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	22.57	5.64	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	25.84	6.46	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	30.46	7.61	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	38.43	9.61	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	53.98	13.49	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	99.49	24.87	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	507.87	126.97	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	7,772.82	1943.20	16.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	18,635.51	3354.39	40.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:52 PM	26,918.04	1615.08	57.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	4,800.46	384.04	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,762.14	580.05	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	3,723.26	930.82	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	3,714.10	928.52	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	3,977.16	994.29	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	3,643.49	910.87	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,116.04	279.01	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10.20	2.55	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10.46	2.62	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	10.77	2.69	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	11.07	2.77	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11.39	2.85	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	11.76	2.94	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12.28	3.07	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	12.83	3.21	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	13.36	3.34	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	13.96	3.49	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	14.81	3.70	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	15.69	3.92	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	16.83	4.21	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	18.19	4.55	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	19.84	4.96	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	21.93	5.48	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	24.98	6.25	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	29.14	7.28	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	35.96	8.99	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	48.53	12.13	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	81.22	20.31	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	226.62	56.65	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	5,549.21	1387.30	11.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	15,476.00	3249.96	33.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	25,601.26	2048.10	54.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

APPENDIX 3: SHADOW CALCULATIONS FOR CHINA BASIN BUILDING PROMENADE

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	3,740.47	411.45	9.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	3,321.72	764.00	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	2,920.09	730.02	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	2,676.19	669.05	6.9%	531.37	132.84	1.4%	531.37	132.84	1.4%
7:45 AM	2,280.61	570.15	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	2,069.99	517.50	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	1,859.21	464.80	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,704.87	426.22	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,577.21	394.30	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,471.31	367.83	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,364.35	341.09	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,251.49	312.87	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,122.60	280.65	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	995.29	248.82	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	874.05	218.51	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	790.04	197.51	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	713.68	178.42	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	653.18	163.30	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	597.31	149.33	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	538.12	134.53	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	480.04	120.01	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	417.27	104.32	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	362.89	90.72	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	333.92	83.48	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	330.63	82.66	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	325.33	81.33	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	336.86	84.22	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	304.13	76.03	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	281.76	70.44	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	228.55	57.14	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,233.82	308.46	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,773.55	1193.39	12.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	8,032.36	2008.09	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	11,885.60	2971.40	30.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	15,648.30	3912.08	40.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	19,952.45	4988.11	51.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	24,087.28	6021.82	61.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	28,628.86	7157.21	73.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	31,054.76	7763.69	79.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	31,150.50	7787.62	79.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	31,227.03	7806.76	80.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	31,297.73	7824.43	80.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	31,357.46	7839.36	80.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,413.13	7853.28	80.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,463.51	7865.88	80.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,510.65	7877.66	80.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,554.14	7888.54	80.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	31,596.78	7899.20	81.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	32,149.49	8037.37	82.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	32,172.65	8043.16	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	32,172.61	9651.78	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	32,172.58	5791.06	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	3,719.44	371.94	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	3,381.28	743.88	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	2,935.72	733.93	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	2,722.56	680.64	7.0%	886.76	221.69	2.3%	886.76	221.69	2.3%
7:45 AM	2,299.50	574.88	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	2,092.61	523.15	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	1,883.29	470.82	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,722.52	430.63	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,592.23	398.06	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,485.11	371.28	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,378.85	344.71	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,267.98	316.99	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,136.58	284.14	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,010.31	252.58	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	885.01	221.25	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	800.64	200.16	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	723.21	180.80	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	661.43	165.36	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	605.69	151.42	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	546.37	136.59	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	488.04	122.01	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	425.77	106.44	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	368.38	92.09	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	339.51	84.88	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	332.92	83.23	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	329.20	82.30	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	342.53	85.63	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	312.88	78.22	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	291.10	72.77	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	237.68	59.42	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	806.02	201.51	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,336.38	1084.09	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	7,575.07	1893.77	19.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	11,413.19	2853.30	29.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	15,154.86	3788.72	38.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	19,436.10	4859.03	49.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	23,577.09	5894.27	60.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	28,104.36	7026.09	72.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	31,036.47	7759.12	79.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	31,135.41	7783.85	79.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	31,213.90	7803.47	80.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	31,286.06	7821.51	80.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	31,347.28	7836.82	80.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,404.00	7851.00	80.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,454.75	7863.69	80.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,502.74	7875.68	80.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,547.25	7886.81	80.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	31,589.39	7897.35	81.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	32,117.39	8029.35	82.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	32,172.53	8043.13	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	32,172.42	9651.73	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	32,172.56	5791.06	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	3,650.02	219.00	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	3,418.13	649.44	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	2,934.43	733.61	7.5%	5.24	1.31	0.0%	5.24	1.31	0.0%
7:30 AM	2,743.65	685.91	7.0%	1,140.95	285.24	2.9%	1,140.95	285.24	2.9%
7:45 AM	2,326.20	581.55	6.0%	7.06	1.76	0.0%	7.06	1.76	0.0%
8:00 AM	2,111.58	527.89	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	1,915.70	478.93	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,749.16	437.29	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,616.69	404.17	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,507.07	376.77	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,399.39	349.85	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,288.52	322.13	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,155.84	288.96	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,029.65	257.41	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	900.39	225.10	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	814.12	203.53	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	736.45	184.11	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	674.18	168.55	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	618.39	154.60	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	558.85	139.71	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	500.39	125.10	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	437.75	109.44	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	380.43	95.11	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	351.34	87.84	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	348.08	87.02	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	345.82	86.46	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	359.49	89.87	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	331.44	82.86	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	311.72	77.93	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	257.13	64.28	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	218.88	54.72	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,722.39	930.60	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	6,946.94	1736.74	17.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	10,785.71	2696.43	27.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,516.66	3629.17	37.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	18,793.10	4698.28	48.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	22,964.28	5741.07	58.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	27,503.42	6875.86	70.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	31,001.51	7750.38	79.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	31,106.26	7776.56	79.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	31,188.87	7797.22	80.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	31,263.65	7815.91	80.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	31,327.49	7831.87	80.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,386.32	7846.58	80.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,438.55	7859.64	80.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,488.12	7872.03	80.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,533.37	7883.34	80.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	31,581.24	7895.31	81.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	32,077.56	8019.39	82.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	32,172.42	8043.11	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	32,172.58	9651.77	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	32,172.74	5791.09	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	3,542.24	106.27	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	3,402.55	510.38	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	2,944.18	736.05	7.5%	113.48	28.37	0.3%	113.48	28.37	0.3%
7:30 AM	2,717.87	679.47	7.0%	1,757.21	439.30	4.5%	1,757.21	439.30	4.5%
7:45 AM	2,355.27	588.82	6.0%	615.62	153.90	1.6%	615.62	153.90	1.6%
8:00 AM	2,127.99	532.00	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	1,944.26	486.07	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,783.39	445.85	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,647.01	411.75	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,535.98	384.00	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,426.84	356.71	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,313.24	328.31	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,181.35	295.34	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,052.39	263.10	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	919.85	229.96	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	830.99	207.75	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	753.57	188.39	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	691.56	172.89	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	635.50	158.88	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	575.32	143.83	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	516.71	129.18	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	453.43	113.36	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	399.44	99.86	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	370.18	92.54	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	371.99	93.00	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	372.66	93.17	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	387.79	96.95	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	361.32	90.33	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	343.63	85.91	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	285.95	71.49	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	245.97	61.49	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	2,937.31	734.33	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	6,163.50	1540.88	15.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	10,010.88	2502.72	25.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	13,744.55	3436.14	35.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	18,034.23	4508.56	46.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	22,255.80	5563.95	57.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	26,821.05	6705.26	68.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	30,888.51	7722.13	79.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	31,062.61	7765.65	79.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	31,151.15	7787.79	79.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	31,230.95	7807.74	80.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	31,298.19	7824.55	80.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,360.21	7840.05	80.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,414.85	7853.71	80.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,466.31	7866.58	80.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,513.27	7878.32	80.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	31,589.67	7897.42	81.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	32,104.47	8026.12	82.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	32,172.65	8043.16	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	32,172.78	9008.38	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:33 PM	32,172.03	4825.80	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	3,367.97	437.84	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:16 AM	2,910.55	698.53	7.5%	695.56	166.94	1.8%	695.56	166.94	1.8%
7:30 AM	2,664.13	639.39	6.8%	2,741.49	657.96	7.0%	2,741.49	657.96	7.0%
7:45 AM	2,366.22	591.56	6.1%	3,042.28	760.57	7.8%	3,042.28	760.57	7.8%
8:00 AM	2,133.66	533.42	5.5%	106.95	26.74	0.3%	106.95	26.74	0.3%
8:15 AM	1,962.75	490.69	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,823.52	455.88	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,678.57	419.64	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,570.47	392.62	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,460.12	365.03	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,343.44	335.86	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,211.92	302.98	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,078.06	269.51	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	940.67	235.17	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	849.81	212.45	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	774.45	193.61	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	713.62	178.41	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	656.43	164.11	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	595.51	148.88	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	535.61	133.90	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	471.83	117.96	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	424.51	106.13	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	394.79	98.70	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	408.03	102.01	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	413.43	103.36	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	426.60	106.65	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	400.06	100.02	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	386.33	96.58	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	326.59	81.65	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	282.46	70.61	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	2,037.12	509.28	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	5,270.28	1317.57	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	9,148.38	2287.09	23.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	12,894.62	3223.65	33.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	17,215.59	4303.90	44.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	21,513.85	5378.46	55.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	26,135.64	6533.91	67.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	30,611.81	7652.95	78.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	31,005.08	7751.27	79.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	31,101.67	7775.42	79.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	31,188.46	7797.12	80.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	31,260.01	7815.00	80.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,326.15	7831.54	80.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,384.25	7846.06	80.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,438.36	7859.59	80.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,487.65	7871.91	80.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	31,589.70	7897.42	81.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	32,170.00	8042.50	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	32,172.38	8043.09	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	32,172.59	8043.15	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 PM	32,172.36	4182.41	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	3,033.38	182.00	7.8%	569.23	34.15	1.5%	569.23	34.15	1.5%
7:15 AM	2,994.31	568.92	7.7%	1,528.43	290.40	3.9%	1,528.43	290.40	3.9%
7:30 AM	3,475.25	868.81	8.9%	3,132.38	783.09	8.0%	3,132.38	783.09	8.0%
7:45 AM	2,335.07	583.77	6.0%	5,995.09	1498.77	15.4%	5,995.09	1498.77	15.4%
8:00 AM	2,083.25	520.81	5.3%	1,759.19	439.80	4.5%	1,759.19	439.80	4.5%
8:15 AM	1,976.72	494.18	5.1%	0.73	0.18	0.0%	0.73	0.18	0.0%
8:30 AM	1,844.56	461.14	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,717.14	429.29	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,600.14	400.04	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,498.22	374.55	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,378.02	344.51	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,248.97	312.24	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,106.26	276.57	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	964.50	241.13	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	872.97	218.24	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	799.76	199.94	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	739.76	184.94	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	681.79	170.45	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	619.62	154.91	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	558.91	139.73	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	493.57	123.39	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	455.61	113.90	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	425.21	106.30	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	458.72	114.68	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	468.20	117.05	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	475.16	118.79	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	449.68	112.42	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	438.83	109.71	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	380.81	95.20	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	331.62	82.91	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,002.76	250.69	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,265.53	1066.38	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	8,169.15	2042.29	20.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	11,948.60	2987.15	30.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	16,316.53	4079.13	41.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	20,712.34	5178.08	53.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	25,406.50	6351.63	65.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	30,142.96	7535.74	77.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	30,932.58	7733.15	79.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	31,039.58	7759.90	79.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	31,134.57	7783.64	79.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	31,212.80	7803.20	80.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,284.55	7821.14	80.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,346.33	7836.58	80.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,403.68	7850.92	80.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,456.01	7864.00	80.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	31,608.38	7902.10	81.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	32,172.70	8043.17	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	32,172.59	8043.15	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	32,172.55	6756.23	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:25 PM	32,172.29	2895.51	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	3,383.20	67.66	8.7%	2,362.43	47.25	6.1%	2,362.43	47.25	6.1%
7:15 AM	3,571.30	535.70	9.2%	2,521.18	378.18	6.5%	2,521.18	378.18	6.5%
7:30 AM	5,029.26	1257.31	12.9%	2,963.90	740.98	7.6%	2,963.90	740.98	7.6%
7:45 AM	2,625.67	656.42	6.7%	6,987.37	1746.84	17.9%	6,987.37	1746.84	17.9%
8:00 AM	1,984.69	496.17	5.1%	4,897.33	1224.33	12.6%	4,897.33	1224.33	12.6%
8:15 AM	1,943.94	485.99	5.0%	940.16	235.04	2.4%	940.16	235.04	2.4%
8:30 AM	1,836.99	459.25	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,736.37	434.09	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,636.19	409.05	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,526.99	381.75	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,416.11	354.03	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,288.27	322.07	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,135.85	283.96	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	988.29	247.07	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	899.06	224.77	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	830.57	207.64	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	769.80	192.45	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	710.47	177.62	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	646.89	161.72	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	584.92	146.23	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	518.07	129.52	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	491.61	122.90	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	480.64	120.16	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	527.61	131.90	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	537.59	134.40	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	535.79	133.95	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	511.51	127.88	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	500.65	125.16	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	447.81	111.95	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	393.20	98.30	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	310.74	77.69	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,208.06	802.02	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	7,147.29	1786.82	18.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	10,980.78	2745.19	28.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	15,415.82	3853.95	39.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	19,911.56	4977.89	51.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	24,715.53	6178.88	63.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	29,586.91	7396.73	75.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	30,845.75	7711.44	79.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	30,966.03	7741.51	79.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	31,071.45	7767.86	79.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	31,156.81	7789.20	79.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,235.06	7808.77	80.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,302.13	7825.53	80.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,363.63	7840.91	80.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,419.36	7854.84	80.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	31,688.41	7922.10	81.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	32,172.64	8043.16	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	32,172.61	8043.15	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	32,172.64	4825.90	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:18 PM	32,172.53	965.18	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	5,418.78	487.69	13.9%	2,987.11	268.84	7.7%	2,987.11	268.84	7.7%
7:30 AM	6,175.77	1296.91	15.8%	3,216.47	675.46	8.2%	3,216.47	675.46	8.2%
7:45 AM	6,008.56	1502.14	15.4%	4,375.91	1093.98	11.2%	4,375.91	1093.98	11.2%
8:00 AM	1,912.06	478.01	4.9%	7,345.77	1836.44	18.8%	7,345.77	1836.44	18.8%
8:15 AM	1,840.22	460.05	4.7%	3,028.12	757.03	7.8%	3,028.12	757.03	7.8%
8:30 AM	1,794.21	448.55	4.6%	607.33	151.83	1.6%	607.33	151.83	1.6%
8:45 AM	1,721.30	430.33	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,654.09	413.52	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,557.61	389.40	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,440.43	360.11	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,329.67	332.42	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,166.89	291.72	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,015.02	253.76	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	930.64	232.66	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	867.20	216.80	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	804.29	201.07	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	743.42	185.85	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	677.79	169.45	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	614.21	153.55	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	559.93	139.98	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	535.58	133.89	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	564.10	141.03	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	614.12	153.53	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	613.19	153.30	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	609.78	152.44	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	585.12	146.28	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	573.90	143.48	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	528.69	132.17	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	467.64	116.91	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	376.01	94.00	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	2,080.38	520.10	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	6,060.03	1515.01	15.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	9,966.99	2491.75	25.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	14,483.58	3620.89	37.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	19,067.13	4766.78	48.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	24,032.99	6008.25	61.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	29,037.24	7259.31	74.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	30,743.64	7685.91	78.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	30,879.62	7719.91	79.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	30,997.99	7749.50	79.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	31,093.38	7773.34	79.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,178.51	7794.63	80.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,251.23	7812.81	80.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,318.18	7829.55	80.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,377.62	7844.40	80.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	31,693.53	7923.38	81.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	32,172.44	10938.63	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:10 PM	32,172.44	6756.21	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	7,180.07	287.20	18.4%	3,389.29	135.57	8.7%	3,389.29	135.57	8.7%
7:30 AM	7,430.31	1263.15	19.1%	3,474.65	590.69	8.9%	3,474.65	590.69	8.9%
7:45 AM	8,609.11	2152.28	22.1%	3,732.71	933.18	9.6%	3,732.71	933.18	9.6%
8:00 AM	4,418.93	1104.73	11.3%	4,214.58	1053.64	10.8%	4,214.58	1053.64	10.8%
8:15 AM	1,730.77	432.69	4.4%	5,900.19	1475.05	15.1%	5,900.19	1475.05	15.1%
8:30 AM	1,699.13	424.78	4.4%	2,962.94	740.74	7.6%	2,962.94	740.74	7.6%
8:45 AM	1,673.52	418.38	4.3%	467.22	116.81	1.2%	467.22	116.81	1.2%
9:00 AM	1,631.04	407.76	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,566.92	391.73	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,462.70	365.67	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,350.51	337.63	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,200.81	300.20	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,048.11	262.03	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	970.05	242.51	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	908.79	227.20	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	844.20	211.05	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	781.38	195.35	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	713.62	178.41	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	647.82	161.95	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	607.22	151.80	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	623.92	155.98	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	669.69	167.42	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	716.69	179.17	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	700.68	175.17	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	696.77	174.19	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	671.99	168.00	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	660.39	165.10	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	618.71	154.68	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	560.37	140.09	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	457.21	114.30	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	858.45	214.61	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,891.67	1222.92	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	8,877.11	2219.28	22.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	13,490.62	3372.66	34.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	18,182.33	4545.58	46.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	23,334.45	5833.61	59.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	28,503.89	7125.97	73.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	30,623.99	7656.00	78.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	30,780.18	7695.05	78.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	30,913.87	7728.47	79.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	31,020.20	7755.05	79.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,114.15	7778.54	79.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,193.86	7798.46	80.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,266.53	7816.63	80.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,331.08	7832.77	80.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	31,849.89	7962.47	81.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	32,172.71	8686.63	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:02 PM	32,172.56	4504.16	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	9,065.76	997.23	23.2%	4,074.56	448.20	10.4%	4,074.56	448.20	10.4%
7:45 AM	9,607.97	2209.83	24.6%	4,225.83	971.94	10.8%	4,225.83	971.94	10.8%
8:00 AM	7,361.60	1840.40	18.9%	3,830.24	957.56	9.8%	3,830.24	957.56	9.8%
8:15 AM	3,338.25	834.56	8.6%	5,022.58	1255.65	12.9%	5,022.58	1255.65	12.9%
8:30 AM	1,598.62	399.66	4.1%	5,374.73	1343.68	13.8%	5,374.73	1343.68	13.8%
8:45 AM	1,569.57	392.39	4.0%	2,878.48	719.62	7.4%	2,878.48	719.62	7.4%
9:00 AM	1,573.11	393.28	4.0%	293.92	73.48	0.8%	293.92	73.48	0.8%
9:15 AM	1,530.97	382.74	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,460.29	365.07	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,363.86	340.97	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,209.55	302.39	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,089.20	272.30	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,018.13	254.53	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	955.88	238.97	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	888.27	222.07	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	823.23	205.81	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	752.61	188.15	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	699.82	174.95	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	667.81	166.95	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	750.72	187.68	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	795.72	198.93	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	823.21	205.80	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	804.79	201.20	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	800.49	200.12	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	771.76	192.94	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	757.16	189.29	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	713.44	178.36	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	664.35	166.09	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	552.20	138.05	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	451.33	112.83	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	3,738.39	934.60	9.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,808.21	1952.05	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	12,540.05	3135.01	32.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	17,374.10	4343.52	44.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	22,736.62	5684.16	58.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	28,105.96	7026.49	72.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	30,490.98	7622.74	78.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	30,670.40	7667.60	78.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	30,821.44	7705.36	79.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	30,939.85	7734.96	79.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,044.73	7761.18	79.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,131.72	7782.93	79.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,210.74	7802.69	80.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,510.04	7877.51	80.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	32,172.62	8043.16	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	32,172.44	6112.76	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:52 PM	32,172.68	1930.36	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	10,389.27	623.36	26.6%	4,745.36	284.72	12.2%	4,745.36	284.72	12.2%
7:45 AM	9,729.12	1848.53	24.9%	6,476.33	1230.50	16.6%	6,476.33	1230.50	16.6%
8:00 AM	9,010.03	2252.51	23.1%	4,587.29	1146.82	11.8%	4,587.29	1146.82	11.8%
8:15 AM	5,790.34	1447.58	14.8%	4,742.57	1185.64	12.2%	4,742.57	1185.64	12.2%
8:30 AM	2,188.45	547.11	5.6%	5,851.77	1462.94	15.0%	5,851.77	1462.94	15.0%
8:45 AM	1,456.34	364.09	3.7%	5,673.04	1418.26	14.5%	5,673.04	1418.26	14.5%
9:00 AM	1,473.00	368.25	3.8%	2,409.50	602.38	6.2%	2,409.50	602.38	6.2%
9:15 AM	1,465.35	366.34	3.8%	221.25	55.31	0.6%	221.25	55.31	0.6%
9:30 AM	1,415.94	353.98	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,355.57	338.89	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,208.51	302.13	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,114.56	278.64	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,074.81	268.70	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,009.54	252.38	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	938.90	234.72	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	870.73	217.68	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	799.30	199.83	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	759.85	189.96	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	801.56	200.39	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	898.97	224.74	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	930.78	232.69	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	944.40	236.10	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	930.35	232.59	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	922.15	230.54	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	889.35	222.34	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	866.01	216.50	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	819.08	204.77	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	779.05	194.76	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	665.54	166.39	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	551.23	137.81	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	2,507.10	626.78	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	6,663.94	1665.98	17.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	11,534.06	2883.52	29.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	16,523.45	4130.86	42.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	22,120.02	5530.00	56.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	27,712.24	6928.06	71.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	30,338.55	7584.64	77.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	30,545.90	7636.48	78.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	30,717.76	7679.44	78.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	30,850.81	7712.70	79.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	30,967.06	7741.76	79.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,063.49	7765.87	79.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,293.78	7823.45	80.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,943.03	7985.76	81.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	32,172.65	7399.71	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:42 PM	32,172.42	3538.97	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	10,299.99	1339.00	26.4%	7,779.67	1011.36	19.9%	7,779.67	1011.36	19.9%
8:00 AM	8,617.63	2154.41	22.1%	10,186.24	2546.56	26.1%	10,186.24	2546.56	26.1%
8:15 AM	7,303.56	1825.89	18.7%	5,752.83	1438.21	14.8%	5,752.83	1438.21	14.8%
8:30 AM	4,384.00	1096.00	11.2%	5,838.82	1459.70	15.0%	5,838.82	1459.70	15.0%
8:45 AM	1,698.29	424.57	4.4%	6,304.46	1576.11	16.2%	6,304.46	1576.11	16.2%
9:00 AM	1,359.96	339.99	3.5%	5,151.64	1287.91	13.2%	5,151.64	1287.91	13.2%
9:15 AM	1,368.80	342.20	3.5%	2,125.98	531.50	5.5%	2,125.98	531.50	5.5%
9:30 AM	1,346.03	336.51	3.5%	127.79	31.95	0.3%	127.79	31.95	0.3%
9:45 AM	1,298.65	324.66	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,190.69	297.67	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,137.26	284.32	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,110.14	277.53	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,071.06	267.77	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	996.31	249.08	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	924.91	231.23	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	864.36	216.09	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	872.74	218.19	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	974.06	243.51	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,059.92	264.98	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,073.79	268.45	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,090.99	272.75	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,070.85	267.71	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,061.73	265.43	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,018.38	254.59	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	986.07	246.52	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	933.86	233.46	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	895.34	223.84	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	796.56	199.14	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	669.84	167.46	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,188.50	297.12	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	5,442.89	1360.72	14.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	10,455.43	2613.86	26.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	15,625.78	3906.44	40.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	21,485.00	5371.25	55.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	27,325.77	6831.44	70.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	30,166.43	7541.61	77.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	30,406.94	7601.74	78.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	30,602.55	7650.64	78.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	30,753.10	7688.28	78.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	30,882.57	7720.64	79.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,053.59	7763.40	79.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,524.24	7881.06	80.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	32,165.89	8684.79	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:31 PM	32,172.64	4504.17	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	10,593.27	847.46	27.2%	8,617.75	689.42	22.1%	8,617.75	689.42	22.1%
8:00 AM	7,974.40	1674.62	20.4%	10,494.82	2203.91	26.9%	10,494.82	2203.91	26.9%
8:15 AM	7,160.01	1790.00	18.4%	7,919.45	1979.86	20.3%	7,919.45	1979.86	20.3%
8:30 AM	6,112.66	1528.17	15.7%	6,470.34	1617.59	16.6%	6,470.34	1617.59	16.6%
8:45 AM	3,977.10	994.27	10.2%	6,239.23	1559.81	16.0%	6,239.23	1559.81	16.0%
9:00 AM	1,380.63	345.16	3.5%	6,121.40	1530.35	15.7%	6,121.40	1530.35	15.7%
9:15 AM	1,259.01	314.75	3.2%	3,957.45	989.36	10.1%	3,957.45	989.36	10.1%
9:30 AM	1,247.60	311.90	3.2%	1,070.83	267.71	2.7%	1,070.83	267.71	2.7%
9:45 AM	1,213.23	303.31	3.1%	77.95	19.49	0.2%	77.95	19.49	0.2%
10:00 AM	1,132.32	283.08	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,147.46	286.86	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,131.06	282.76	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,105.76	276.44	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,061.47	265.37	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	991.86	247.96	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	945.29	236.32	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,052.85	263.21	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,150.96	287.74	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,224.11	306.03	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,237.62	309.40	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,259.61	314.90	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,236.43	309.11	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,211.34	302.84	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,158.61	289.65	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,119.14	279.79	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,056.72	264.18	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,015.80	253.95	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	943.53	235.88	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	804.79	201.20	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	627.85	156.96	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,156.15	1039.04	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	9,305.06	2326.26	23.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	14,677.41	3669.35	37.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	20,823.03	5205.76	53.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	26,950.41	6737.60	69.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	29,971.90	7492.98	76.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	30,251.79	7562.95	77.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	30,475.95	7618.99	78.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	30,645.33	7661.33	78.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	30,791.61	7697.90	79.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,101.03	7775.26	79.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,941.66	7985.42	81.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	32,172.68	5791.08	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:21 PM	32,172.58	1608.63	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	10,987.98	219.76	28.2%	7,009.96	140.20	18.0%	7,009.96	140.20	18.0%
8:00 AM	10,385.98	1557.90	26.6%	7,269.68	1090.45	18.6%	7,269.68	1090.45	18.6%
8:15 AM	6,972.36	1743.09	17.9%	9,082.13	2270.53	23.3%	9,082.13	2270.53	23.3%
8:30 AM	6,410.09	1602.52	16.4%	7,233.83	1808.46	18.5%	7,233.83	1808.46	18.5%
8:45 AM	5,134.25	1283.56	13.2%	6,280.44	1570.11	16.1%	6,280.44	1570.11	16.1%
9:00 AM	3,441.84	860.46	8.8%	5,404.45	1351.11	13.9%	5,404.45	1351.11	13.9%
9:15 AM	1,138.37	284.59	2.9%	5,173.25	1293.31	13.3%	5,173.25	1293.31	13.3%
9:30 AM	1,133.83	283.46	2.9%	3,484.42	871.11	8.9%	3,484.42	871.11	8.9%
9:45 AM	1,111.00	277.75	2.8%	1,408.85	352.21	3.6%	1,408.85	352.21	3.6%
10:00 AM	1,058.34	264.58	2.7%	30.37	7.59	0.1%	30.37	7.59	0.1%
10:15 AM	1,109.48	277.37	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,136.06	284.01	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,126.82	281.71	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,103.89	275.97	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,076.26	269.06	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,119.92	279.98	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,228.53	307.13	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,302.26	325.57	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,388.28	347.07	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,421.43	355.36	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,443.92	360.98	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,413.91	353.48	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,372.17	343.04	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,314.93	328.73	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,264.64	316.16	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,195.63	298.91	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,147.17	286.79	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,076.47	269.12	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	959.41	239.85	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	765.50	191.38	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	2,769.75	692.44	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,059.50	2014.88	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	13,641.71	3410.43	35.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	20,103.38	5025.85	51.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	26,557.27	6639.32	68.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	29,751.37	7437.84	76.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	30,078.81	7519.70	77.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	30,335.79	7583.95	77.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	30,527.86	7631.96	78.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	30,718.19	7679.55	78.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,267.80	7816.95	80.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	32,172.58	6756.24	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:09 PM	32,172.59	2573.81	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	12,362.49	1236.25	31.7%	7,596.12	759.61	19.5%	7,596.12	759.61	19.5%
8:15 AM	8,142.38	1791.32	20.9%	8,800.21	1936.05	22.6%	8,800.21	1936.05	22.6%
8:30 AM	6,197.78	1549.44	15.9%	9,924.01	2481.00	25.4%	9,924.01	2481.00	25.4%
8:45 AM	5,743.83	1435.96	14.7%	6,123.24	1530.81	15.7%	6,123.24	1530.81	15.7%
9:00 AM	4,697.26	1174.31	12.0%	5,619.27	1404.82	14.4%	5,619.27	1404.82	14.4%
9:15 AM	2,765.22	691.30	7.1%	5,173.12	1293.28	13.3%	5,173.12	1293.28	13.3%
9:30 AM	1,013.44	253.36	2.6%	4,911.99	1228.00	12.6%	4,911.99	1228.00	12.6%
9:45 AM	991.95	247.99	2.5%	3,626.82	906.71	9.3%	3,626.82	906.71	9.3%
10:00 AM	968.54	242.14	2.5%	1,136.64	284.16	2.9%	1,136.64	284.16	2.9%
10:15 AM	1,036.37	259.09	2.7%	17.68	4.42	0.0%	17.68	4.42	0.0%
10:30 AM	1,101.84	275.46	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,143.21	285.80	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,136.87	284.22	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,192.90	298.23	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,292.21	323.05	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,384.39	346.10	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,448.43	362.11	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,529.83	382.46	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,609.39	402.35	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,637.98	409.50	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,601.99	400.50	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,561.95	390.49	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,476.21	369.05	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,425.39	356.35	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,349.83	337.46	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,279.65	319.91	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,205.77	301.44	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,135.97	283.99	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	929.33	232.33	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,278.46	319.62	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	6,689.37	1672.34	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	12,505.36	3126.34	32.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	19,286.37	4821.59	49.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	26,094.72	6523.68	66.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	29,500.14	7375.03	75.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	29,885.81	7471.45	76.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	30,181.06	7545.26	77.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	30,399.25	7599.81	78.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	30,698.13	7674.53	78.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,911.81	7339.72	81.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:58 PM	32,172.65	3538.99	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	14,605.74	584.23	37.5%	8,786.38	351.46	22.5%	8,786.38	351.46	22.5%
8:15 AM	10,570.44	1796.98	27.1%	9,280.35	1577.66	23.8%	9,280.35	1577.66	23.8%
8:30 AM	6,074.69	1518.67	15.6%	10,766.64	2691.66	27.6%	10,766.64	2691.66	27.6%
8:45 AM	5,943.38	1485.84	15.2%	9,828.59	2457.15	25.2%	9,828.59	2457.15	25.2%
9:00 AM	5,599.02	1399.75	14.4%	5,893.93	1473.48	15.1%	5,893.93	1473.48	15.1%
9:15 AM	4,170.23	1042.56	10.7%	5,331.31	1332.83	13.7%	5,331.31	1332.83	13.7%
9:30 AM	2,131.91	532.98	5.5%	4,993.03	1248.26	12.8%	4,993.03	1248.26	12.8%
9:45 AM	858.45	214.61	2.2%	4,902.52	1225.63	12.6%	4,902.52	1225.63	12.6%
10:00 AM	858.36	214.59	2.2%	3,582.70	895.68	9.2%	3,582.70	895.68	9.2%
10:15 AM	948.27	237.07	2.4%	1,067.36	266.84	2.7%	1,067.36	266.84	2.7%
10:30 AM	1,051.31	262.83	2.7%	1.46	0.37	0.0%	1.46	0.37	0.0%
10:45 AM	1,118.27	279.57	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,180.50	295.12	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,311.68	327.92	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,437.26	359.31	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,527.30	381.82	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,584.17	396.04	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,671.18	417.79	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,751.00	437.75	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,818.97	454.74	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,806.22	451.55	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,766.18	441.55	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,680.81	420.20	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,597.77	399.44	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,506.31	376.58	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,433.53	358.38	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,367.72	341.93	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,349.04	337.26	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,168.35	292.09	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	942.53	235.63	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	5,127.94	1281.98	13.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	11,159.13	2789.78	28.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	18,208.51	4552.13	46.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	25,462.63	6365.66	65.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	29,207.06	7301.76	74.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	29,664.59	7416.15	76.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	30,007.19	7501.80	76.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	30,256.49	7564.12	77.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,373.49	8470.84	80.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:47 PM	32,172.70	4504.18	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	15,564.65	1867.76	39.9%	10,886.40	1306.37	27.9%	10,886.40	1306.37	27.9%
8:30 AM	9,189.16	2205.40	23.6%	11,443.69	2746.49	29.3%	11,443.69	2746.49	29.3%
8:45 AM	5,844.14	1461.03	15.0%	12,074.86	3018.72	31.0%	12,074.86	3018.72	31.0%
9:00 AM	5,531.83	1382.96	14.2%	7,577.20	1894.30	19.4%	7,577.20	1894.30	19.4%
9:15 AM	5,075.91	1268.98	13.0%	5,780.75	1445.19	14.8%	5,780.75	1445.19	14.8%
9:30 AM	3,816.68	954.17	9.8%	5,054.54	1263.64	13.0%	5,054.54	1263.64	13.0%
9:45 AM	1,644.96	411.24	4.2%	5,437.86	1359.46	13.9%	5,437.86	1359.46	13.9%
10:00 AM	737.43	184.36	1.9%	5,143.74	1285.94	13.2%	5,143.74	1285.94	13.2%
10:15 AM	865.08	216.27	2.2%	3,423.61	855.90	8.8%	3,423.61	855.90	8.8%
10:30 AM	981.85	245.46	2.5%	852.57	213.14	2.2%	852.57	213.14	2.2%
10:45 AM	1,080.84	270.21	2.8%	0.15	0.04	0.0%	0.15	0.04	0.0%
11:00 AM	1,244.69	311.17	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,412.60	353.15	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,531.37	382.84	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,644.55	411.14	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,718.76	429.69	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,802.79	450.70	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,881.81	470.45	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,949.50	487.38	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,997.10	499.27	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,972.52	493.13	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,884.58	471.15	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,802.73	450.68	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,678.98	419.75	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,659.79	414.95	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,615.19	403.80	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,560.69	390.17	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,461.57	365.39	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,228.41	307.10	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	3,401.71	850.43	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	9,522.27	2380.57	24.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	16,869.76	4217.44	43.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	24,619.36	6154.84	63.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	28,861.01	7215.25	74.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	29,409.75	7352.44	75.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	29,810.45	7452.61	76.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	30,513.24	7628.31	78.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	32,169.48	6112.20	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:37 PM	32,172.35	1930.34	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	16,686.09	1001.17	42.8%	12,297.55	737.85	31.5%	12,297.55	737.85	31.5%
8:30 AM	12,546.39	2258.35	32.2%	15,482.17	2786.79	39.7%	15,482.17	2786.79	39.7%
8:45 AM	7,203.90	1800.98	18.5%	11,694.23	2923.56	30.0%	11,694.23	2923.56	30.0%
9:00 AM	5,498.86	1374.72	14.1%	11,111.67	2777.92	28.5%	11,111.67	2777.92	28.5%
9:15 AM	5,291.87	1322.97	13.6%	6,434.94	1608.74	16.5%	6,434.94	1608.74	16.5%
9:30 AM	4,558.33	1139.58	11.7%	5,957.40	1489.35	15.3%	5,957.40	1489.35	15.3%
9:45 AM	3,314.16	828.54	8.5%	5,478.93	1369.73	14.0%	5,478.93	1369.73	14.0%
10:00 AM	1,238.99	309.75	3.2%	5,379.24	1344.81	13.8%	5,379.24	1344.81	13.8%
10:15 AM	778.73	194.68	2.0%	4,914.67	1228.67	12.6%	4,914.67	1228.67	12.6%
10:30 AM	898.56	224.64	2.3%	3,115.17	778.79	8.0%	3,115.17	778.79	8.0%
10:45 AM	1,051.80	262.95	2.7%	776.84	194.21	2.0%	776.84	194.21	2.0%
11:00 AM	1,266.39	316.60	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,466.70	366.68	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,616.02	404.01	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,725.07	431.27	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,837.98	459.49	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,931.90	482.98	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,998.27	499.57	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,071.21	517.80	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,124.38	531.10	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,169.80	542.45	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	2,086.22	521.56	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,003.68	500.92	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,970.28	492.57	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,946.87	486.72	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,848.95	462.24	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,822.91	455.73	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,747.04	436.76	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,564.41	391.10	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,442.17	360.54	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	7,604.15	1901.04	19.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	15,236.63	3809.16	39.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	23,518.05	5879.51	60.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	28,447.55	7111.89	72.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	29,115.44	7278.86	74.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	29,588.15	7397.04	75.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	31,260.32	6877.27	80.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:27 PM	32,172.42	3217.24	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	17,684.25	2298.95	45.3%	13,647.47	1774.17	35.0%	13,647.47	1774.17	35.0%
7:45 AM	9,320.10	2330.02	23.9%	16,955.63	4238.91	43.5%	16,955.63	4238.91	43.5%
8:00 AM	5,889.32	1472.33	15.1%	10,211.21	2552.80	26.2%	10,211.21	2552.80	26.2%
8:15 AM	5,241.54	1310.38	13.4%	8,745.83	2186.46	22.4%	8,745.83	2186.46	22.4%
8:30 AM	4,994.33	1248.58	12.8%	6,199.84	1549.96	15.9%	6,199.84	1549.96	15.9%
8:45 AM	4,062.65	1015.66	10.4%	5,998.58	1499.64	15.4%	5,998.58	1499.64	15.4%
9:00 AM	2,867.02	716.76	7.4%	5,327.63	1331.91	13.7%	5,327.63	1331.91	13.7%
9:15 AM	1,031.18	257.79	2.6%	5,234.98	1308.75	13.4%	5,234.98	1308.75	13.4%
9:30 AM	823.14	205.78	2.1%	4,618.48	1154.62	11.8%	4,618.48	1154.62	11.8%
9:45 AM	1,041.69	260.42	2.7%	2,367.69	591.92	6.1%	2,367.69	591.92	6.1%
10:00 AM	1,264.71	316.18	3.2%	378.07	94.52	1.0%	378.07	94.52	1.0%
10:15 AM	1,476.62	369.16	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,652.01	413.00	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,799.10	449.78	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,914.91	478.73	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,040.49	510.12	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,109.72	527.43	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,174.44	543.61	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,228.45	557.11	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,283.01	570.75	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,291.75	572.94	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,354.00	588.50	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,319.73	579.93	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,223.11	555.78	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	2,180.77	545.19	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,167.94	541.98	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	2,041.42	510.35	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,902.64	475.66	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,435.29	358.82	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	5,369.66	1342.41	13.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	13,211.85	3302.96	33.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	21,982.92	5495.73	56.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	27,941.28	6985.32	71.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	28,768.00	7192.00	73.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	29,485.37	7371.34	75.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	32,172.73	4825.91	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:18 PM	32,172.44	965.17	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	18,834.48	1318.41	48.3%	12,953.25	906.73	33.2%	12,953.25	906.73	33.2%
7:45 AM	13,888.79	2638.87	35.6%	14,918.78	2834.57	38.3%	14,918.78	2834.57	38.3%
8:00 AM	9,153.91	2288.48	23.5%	10,834.02	2708.50	27.8%	10,834.02	2708.50	27.8%
8:15 AM	5,200.89	1300.22	13.3%	9,232.42	2308.11	23.7%	9,232.42	2308.11	23.7%
8:30 AM	4,932.70	1233.17	12.6%	7,469.75	1867.44	19.2%	7,469.75	1867.44	19.2%
8:45 AM	4,599.68	1149.92	11.8%	6,123.53	1530.88	15.7%	6,123.53	1530.88	15.7%
9:00 AM	3,428.93	857.23	8.8%	5,713.65	1428.41	14.7%	5,713.65	1428.41	14.7%
9:15 AM	2,363.92	590.98	6.1%	5,193.27	1298.32	13.3%	5,193.27	1298.32	13.3%
9:30 AM	819.63	204.91	2.1%	4,566.48	1141.62	11.7%	4,566.48	1141.62	11.7%
9:45 AM	1,012.40	253.10	2.6%	2,910.81	727.70	7.5%	2,910.81	727.70	7.5%
10:00 AM	1,245.16	311.29	3.2%	812.38	203.09	2.1%	812.38	203.09	2.1%
10:15 AM	1,465.65	366.41	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,648.39	412.10	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,824.54	456.13	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,976.92	494.23	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,101.58	525.40	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,209.45	552.36	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,278.87	569.72	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,315.89	578.97	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,401.53	600.38	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,562.00	640.50	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,675.59	668.90	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,611.65	652.91	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,611.94	652.98	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	2,576.99	644.25	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,545.78	636.44	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	2,339.22	584.80	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	2,213.29	553.32	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,826.79	456.70	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	2,960.78	740.19	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	10,793.54	2698.38	27.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	20,007.54	5001.88	51.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	27,308.24	6827.06	70.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	28,354.49	7088.62	72.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	30,006.12	6301.28	76.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:10 PM	32,086.49	2887.78	82.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	20,186.04	201.86	51.8%	11,810.89	118.11	30.3%	11,810.89	118.11	30.3%
7:45 AM	20,073.19	2609.51	51.5%	11,849.05	1540.38	30.4%	11,849.05	1540.38	30.4%
8:00 AM	11,377.75	2844.44	29.2%	15,022.63	3755.66	38.5%	15,022.63	3755.66	38.5%
8:15 AM	7,323.69	1830.92	18.8%	8,844.90	2211.23	22.7%	8,844.90	2211.23	22.7%
8:30 AM	4,910.97	1227.74	12.6%	8,094.84	2023.71	20.8%	8,094.84	2023.71	20.8%
8:45 AM	4,443.71	1110.93	11.4%	7,073.48	1768.37	18.1%	7,073.48	1768.37	18.1%
9:00 AM	4,063.63	1015.91	10.4%	6,054.58	1513.65	15.5%	6,054.58	1513.65	15.5%
9:15 AM	3,201.78	800.45	8.2%	5,193.79	1298.45	13.3%	5,193.79	1298.45	13.3%
9:30 AM	1,991.90	497.98	5.1%	4,192.30	1048.07	10.8%	4,192.30	1048.07	10.8%
9:45 AM	953.50	238.37	2.4%	2,999.65	749.91	7.7%	2,999.65	749.91	7.7%
10:00 AM	1,208.84	302.21	3.1%	1,261.89	315.47	3.2%	1,261.89	315.47	3.2%
10:15 AM	1,437.09	359.27	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,638.49	409.62	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,819.57	454.89	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,998.32	499.58	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,151.28	537.82	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,258.95	564.74	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,369.15	592.29	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,436.39	609.10	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,569.80	642.45	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,721.12	680.28	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,878.31	719.58	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,946.83	736.71	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,985.71	746.43	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	2,982.30	745.57	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,908.49	727.12	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	2,721.82	680.45	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	2,513.38	628.34	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	2,271.10	567.77	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,586.67	396.67	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	7,976.56	1994.14	20.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	17,466.18	4366.54	44.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	26,493.24	6623.31	67.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	27,852.66	6963.16	71.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	30,131.38	4519.71	77.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:03 PM	31,093.73	932.81	79.7%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	20,964.10	1677.13	53.8%	11,038.51	883.08	28.3%	11,038.51	883.08	28.3%
8:00 AM	17,141.34	3428.27	44.0%	12,382.45	2476.49	31.8%	12,382.45	2476.49	31.8%
8:15 AM	9,008.31	2252.08	23.1%	13,252.70	3313.17	34.0%	13,252.70	3313.17	34.0%
8:30 AM	5,488.09	1372.02	14.1%	7,749.43	1937.36	19.9%	7,749.43	1937.36	19.9%
8:45 AM	4,299.63	1074.91	11.0%	6,979.10	1744.77	17.9%	6,979.10	1744.77	17.9%
9:00 AM	4,147.98	1037.00	10.6%	6,010.42	1502.60	15.4%	6,010.42	1502.60	15.4%
9:15 AM	4,012.00	1003.00	10.3%	4,986.25	1246.56	12.8%	4,986.25	1246.56	12.8%
9:30 AM	3,213.03	803.26	8.2%	3,921.44	980.36	10.1%	3,921.44	980.36	10.1%
9:45 AM	1,878.09	469.52	4.8%	2,752.22	688.05	7.1%	2,752.22	688.05	7.1%
10:00 AM	1,154.04	288.51	3.0%	1,521.84	380.46	3.9%	1,521.84	380.46	3.9%
10:15 AM	1,398.60	349.65	3.6%	26.20	6.55	0.1%	26.20	6.55	0.1%
10:30 AM	1,610.13	402.53	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,803.69	450.92	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,984.86	496.22	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,156.16	539.04	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,290.24	572.56	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,435.08	608.77	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,565.50	641.38	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,686.58	671.65	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,803.56	700.89	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,990.30	747.57	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,200.91	800.23	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,348.27	837.07	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,320.17	830.04	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,268.55	817.14	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,115.62	778.90	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	2,869.89	717.47	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	2,626.08	656.52	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	2,116.40	529.10	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,920.22	1230.05	12.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,366.35	3591.59	36.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	25,377.06	6344.26	65.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	27,254.11	6268.45	69.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:57 PM	29,038.48	3194.23	74.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	21,224.25	424.48	54.4%	10,948.41	218.97	28.1%	10,948.41	218.97	28.1%
8:00 AM	21,307.20	3196.08	54.6%	10,851.98	1627.80	27.8%	10,851.98	1627.80	27.8%
8:15 AM	12,219.72	3054.93	31.3%	15,922.25	3980.56	40.8%	15,922.25	3980.56	40.8%
8:30 AM	7,852.66	1963.17	20.1%	8,107.49	2026.87	20.8%	8,107.49	2026.87	20.8%
8:45 AM	4,240.30	1060.08	10.9%	6,752.85	1688.21	17.3%	6,752.85	1688.21	17.3%
9:00 AM	4,137.94	1034.48	10.6%	5,845.22	1461.30	15.0%	5,845.22	1461.30	15.0%
9:15 AM	4,119.27	1029.82	10.6%	4,807.59	1201.90	12.3%	4,807.59	1201.90	12.3%
9:30 AM	4,022.85	1005.71	10.3%	3,758.51	939.63	9.6%	3,758.51	939.63	9.6%
9:45 AM	3,249.06	812.26	8.3%	2,610.55	652.64	6.7%	2,610.55	652.64	6.7%
10:00 AM	1,839.11	459.78	4.7%	1,435.71	358.93	3.7%	1,435.71	358.93	3.7%
10:15 AM	1,339.62	334.90	3.4%	108.89	27.22	0.3%	108.89	27.22	0.3%
10:30 AM	1,573.90	393.48	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,773.24	443.31	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,964.94	491.24	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,136.51	534.13	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,306.91	576.73	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,469.25	617.31	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,623.59	655.90	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,759.79	689.95	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,895.47	723.87	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,054.29	763.57	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,297.52	824.38	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,606.90	901.73	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,657.38	914.34	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,616.43	904.11	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,446.92	861.73	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	3,230.92	807.73	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	2,954.50	738.62	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	2,705.63	676.41	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,912.47	478.12	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	10,904.59	2726.15	28.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	22,589.82	5647.45	57.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	26,494.62	5298.92	67.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	27,422.01	2193.76	70.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	21,737.95	1956.42	55.7%	10,434.49	939.10	26.8%	10,434.49	939.10	26.8%
8:15 AM	19,467.76	4088.23	49.9%	11,157.44	2343.06	28.6%	11,157.44	2343.06	28.6%
8:30 AM	8,875.61	2218.90	22.8%	13,722.27	3430.57	35.2%	13,722.27	3430.57	35.2%
8:45 AM	5,847.93	1461.98	15.0%	6,621.97	1655.49	17.0%	6,621.97	1655.49	17.0%
9:00 AM	4,133.12	1033.28	10.6%	5,747.18	1436.80	14.7%	5,747.18	1436.80	14.7%
9:15 AM	4,127.61	1031.90	10.6%	4,727.13	1181.78	12.1%	4,727.13	1181.78	12.1%
9:30 AM	4,305.32	1076.33	11.0%	3,696.96	924.24	9.5%	3,696.96	924.24	9.5%
9:45 AM	3,983.02	995.76	10.2%	2,567.76	641.94	6.6%	2,567.76	641.94	6.6%
10:00 AM	3,103.83	775.96	8.0%	1,414.61	353.65	3.6%	1,414.61	353.65	3.6%
10:15 AM	1,716.09	429.02	4.4%	140.05	35.01	0.4%	140.05	35.01	0.4%
10:30 AM	1,526.57	381.64	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,732.62	433.16	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,931.75	482.94	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,125.60	531.40	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,291.76	572.94	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,437.35	609.34	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,568.20	642.05	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,787.27	696.82	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,957.41	739.35	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,100.30	775.07	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,338.65	834.66	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,676.64	919.16	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,954.45	988.61	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,940.63	985.16	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,781.26	945.32	9.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	3,603.12	900.78	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,337.84	834.46	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,090.13	772.53	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	2,243.24	560.81	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,311.60	1827.90	18.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	19,113.32	4778.33	49.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	25,693.06	4624.75	65.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	26,489.25	1324.46	67.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	22,138.69	885.55	56.8%	10,033.89	401.36	25.7%	10,033.89	401.36	25.7%
8:15 AM	22,355.02	3800.35	57.3%	9,817.41	1668.96	25.2%	9,817.41	1668.96	25.2%
8:30 AM	11,655.66	2913.92	29.9%	16,474.73	4118.68	42.2%	16,474.73	4118.68	42.2%
8:45 AM	7,812.51	1953.13	20.0%	6,873.32	1718.33	17.6%	6,873.32	1718.33	17.6%
9:00 AM	4,133.03	1033.26	10.6%	5,746.27	1436.57	14.7%	5,746.27	1436.57	14.7%
9:15 AM	4,134.95	1033.74	10.6%	4,741.62	1185.41	12.2%	4,741.62	1185.41	12.2%
9:30 AM	4,263.41	1065.85	10.9%	3,728.82	932.21	9.6%	3,728.82	932.21	9.6%
9:45 AM	4,529.42	1132.36	11.6%	2,618.70	654.68	6.7%	2,618.70	654.68	6.7%
10:00 AM	4,099.81	1024.95	10.5%	1,485.48	371.37	3.8%	1,485.48	371.37	3.8%
10:15 AM	2,701.20	675.30	6.9%	236.14	59.04	0.6%	236.14	59.04	0.6%
10:30 AM	1,434.03	358.51	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,685.66	421.41	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,891.21	472.80	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,100.29	525.07	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,253.20	563.30	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,401.29	600.32	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,570.13	642.53	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,771.25	692.81	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,989.79	747.45	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,118.07	779.52	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,329.16	832.29	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,681.34	920.33	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,058.92	1014.73	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,190.33	1047.58	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,059.06	1014.76	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	3,889.39	972.35	10.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,655.23	913.81	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,383.26	845.81	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	2,851.02	712.76	7.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,024.71	1006.18	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	15,317.25	3829.31	39.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	24,732.24	4204.48	63.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	25,687.80	1284.39	65.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	22,336.67	2680.40	57.3%	9,835.71	1180.29	25.2%	9,835.71	1180.29	25.2%
8:30 AM	17,278.22	4319.56	44.3%	12,525.05	3131.26	32.1%	12,525.05	3131.26	32.1%
8:45 AM	7,551.39	1887.85	19.4%	10,769.72	2692.43	27.6%	10,769.72	2692.43	27.6%
9:00 AM	5,399.15	1349.79	13.8%	5,814.27	1453.57	14.9%	5,814.27	1453.57	14.9%
9:15 AM	3,796.50	949.13	9.7%	4,506.67	1126.67	11.6%	4,506.67	1126.67	11.6%
9:30 AM	4,234.88	1058.72	10.9%	3,850.29	962.57	9.9%	3,850.29	962.57	9.9%
9:45 AM	4,546.15	1136.54	11.7%	2,762.13	690.53	7.1%	2,762.13	690.53	7.1%
10:00 AM	4,571.28	1142.82	11.7%	1,643.90	410.97	4.2%	1,643.90	410.97	4.2%
10:15 AM	3,638.37	909.59	9.3%	417.70	104.42	1.1%	417.70	104.42	1.1%
10:30 AM	1,917.77	479.44	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,616.37	404.09	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,844.39	461.10	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,050.57	512.64	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,216.90	554.23	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,351.41	587.85	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,517.77	629.44	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,735.27	683.82	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,970.14	742.53	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,124.38	781.09	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,317.16	829.29	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,641.30	910.33	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,044.05	1011.01	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,321.70	1080.43	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,246.55	1061.64	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,129.28	1032.32	10.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,879.82	969.96	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,650.09	912.52	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	3,239.94	809.99	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	2,109.31	527.33	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	11,639.22	2909.80	29.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	23,790.02	4282.20	61.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:52 PM	25,063.57	1503.81	64.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	22,411.28	1792.90	57.5%	9,761.46	780.92	25.0%	9,761.46	780.92	25.0%
8:30 AM	21,487.74	4512.43	55.1%	10,279.74	2158.75	26.4%	10,279.74	2158.75	26.4%
8:45 AM	10,068.88	2517.22	25.8%	15,780.89	3945.22	40.5%	15,780.89	3945.22	40.5%
9:00 AM	6,503.78	1625.95	16.7%	6,009.57	1502.39	15.4%	6,009.57	1502.39	15.4%
9:15 AM	4,127.90	1031.97	10.6%	5,029.85	1257.46	12.9%	5,029.85	1257.46	12.9%
9:30 AM	4,212.95	1053.24	10.8%	4,043.73	1010.93	10.4%	4,043.73	1010.93	10.4%
9:45 AM	4,478.26	1119.57	11.5%	2,968.25	742.06	7.6%	2,968.25	742.06	7.6%
10:00 AM	4,799.73	1199.93	12.3%	1,869.14	467.29	4.8%	1,869.14	467.29	4.8%
10:15 AM	4,364.19	1091.05	11.2%	662.31	165.58	1.7%	662.31	165.58	1.7%
10:30 AM	2,408.26	602.06	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,535.04	383.76	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,797.79	449.45	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,000.19	500.05	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,186.56	546.64	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,314.56	578.64	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,475.42	618.85	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,688.14	672.03	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,908.05	727.01	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,112.13	778.03	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,265.56	816.39	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,563.78	890.94	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,973.44	993.36	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,314.23	1078.56	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,328.76	1082.19	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,233.51	1058.38	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,978.36	994.59	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,799.32	949.83	9.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	3,382.21	845.55	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	2,554.47	638.62	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,575.25	2143.81	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	21,140.55	4439.52	54.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	24,782.67	1982.61	63.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

APPENDIX 4: SHADOW CALCULATIONS FOR AT&T PARK PLAZA

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	40,140.09	4415.41	69.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	39,263.64	9030.64	67.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	38,423.77	9605.94	66.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	37,495.26	9373.82	64.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	36,429.68	9107.42	63.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	35,331.14	8832.78	61.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	31,883.69	7970.92	55.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	27,804.46	6951.11	48.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	25,264.95	6316.24	43.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	23,274.72	5818.68	40.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	21,175.23	5293.81	36.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	19,560.83	4890.21	33.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	18,095.16	4523.79	31.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	16,728.00	4182.00	28.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	15,285.27	3821.32	26.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	13,579.71	3394.93	23.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	11,957.02	2989.26	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	10,433.10	2608.28	18.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	8,946.16	2236.54	15.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,553.89	1888.47	13.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	6,168.19	1542.05	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	4,909.13	1227.28	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	3,752.04	938.01	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,074.41	768.60	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,515.11	628.78	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,935.19	483.80	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,455.20	363.80	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	880.06	220.02	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	620.58	155.15	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	413.82	103.45	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	527.17	131.79	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	603.78	150.95	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	689.79	172.45	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	783.02	195.75	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	884.33	221.08	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	987.45	246.86	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,085.22	271.30	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	1,181.46	295.37	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,277.21	319.30	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	1,387.22	346.80	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	1,533.15	383.29	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	1,647.96	411.99	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	1,735.20	433.80	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	1,922.63	480.66	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	2,853.02	713.25	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	5,395.73	1348.93	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	10,057.53	2514.38	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	15,808.05	3952.01	27.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	23,443.49	5860.87	40.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	29,505.10	7376.28	51.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	34,846.06	10453.82	60.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	42,197.20	7595.50	73.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	40,058.46	4005.85	69.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	39,314.58	8649.21	68.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	38,466.14	9616.53	66.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	37,569.26	9392.31	65.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	36,486.69	9121.67	63.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	35,390.12	8847.53	61.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	32,288.88	8072.22	55.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	28,166.85	7041.71	48.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	25,520.13	6380.03	44.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	23,532.02	5883.01	40.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	21,399.59	5349.90	37.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	19,752.88	4938.22	34.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	18,272.72	4568.18	31.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	16,889.86	4222.47	29.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	15,470.53	3867.63	26.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	13,760.18	3440.04	23.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12,126.23	3031.56	21.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	10,592.25	2648.06	18.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,096.71	2274.18	15.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,696.64	1924.16	13.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	6,304.63	1576.16	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	5,037.27	1259.32	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	3,843.79	960.95	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,160.28	790.07	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,595.53	648.88	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,013.26	503.32	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,530.27	382.57	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	949.66	237.41	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	664.65	166.16	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	414.38	103.60	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	521.44	130.36	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	602.12	150.53	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	687.12	171.78	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	775.08	193.77	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	875.71	218.93	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	978.43	244.61	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,076.70	269.17	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	1,174.26	293.57	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,267.86	316.96	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	1,372.00	343.00	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	1,520.02	380.00	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	1,637.19	409.30	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	1,726.15	431.54	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	1,911.20	477.80	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	2,841.66	710.41	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	5,147.30	1286.82	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	9,710.72	2427.68	16.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	15,355.84	3838.96	26.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	22,953.80	5738.45	39.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	29,279.27	7319.82	50.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	34,662.09	10398.63	59.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	42,258.28	7606.49	73.1%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	39,801.63	2388.10	68.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	39,265.22	7460.39	67.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	38,426.05	9606.51	66.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	37,561.21	9390.30	64.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	36,435.05	9108.76	63.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	35,323.14	8830.79	61.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	32,613.61	8153.40	56.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	28,610.02	7152.51	49.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	25,799.68	6449.92	44.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	23,819.30	5954.83	41.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	21,717.18	5429.30	37.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	20,020.60	5005.15	34.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	18,513.04	4628.26	32.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	17,104.99	4276.25	29.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	15,683.68	3920.92	27.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	13,954.24	3488.56	24.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12,303.31	3075.83	21.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	10,754.44	2688.61	18.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,246.06	2311.51	16.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,833.52	1958.38	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	6,431.49	1607.87	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	5,157.11	1289.28	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	3,970.73	992.68	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,287.84	821.96	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,720.17	680.04	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,137.11	534.28	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,647.73	411.93	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,062.91	265.73	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	734.96	183.74	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	424.57	106.14	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	532.20	133.05	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	610.83	152.71	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	701.00	175.25	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	780.20	195.05	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	870.86	217.71	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	973.66	243.41	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,071.61	267.90	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	1,171.17	292.79	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,261.66	315.42	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	1,357.64	339.41	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	1,502.96	375.74	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	1,625.17	406.29	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	1,715.49	428.87	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	1,993.53	498.38	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	3,083.62	770.91	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	5,256.19	1314.05	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	9,782.24	2445.56	16.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	15,385.70	3846.43	26.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	23,218.54	5804.63	40.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	29,860.92	7465.23	51.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	35,064.69	10519.41	60.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	42,485.94	7647.47	73.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	39,373.81	1181.21	68.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	39,122.76	5868.41	67.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	38,313.58	9578.39	66.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	37,472.66	9368.16	64.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	36,286.44	9071.61	62.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	35,132.63	8783.16	60.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	32,882.48	8220.62	56.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,070.37	7267.59	50.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	26,116.41	6529.10	45.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	24,138.35	6034.59	41.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	22,130.60	5532.65	38.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	20,366.92	5091.73	35.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	18,819.22	4704.80	32.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	17,374.42	4343.61	30.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	15,925.10	3981.28	27.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	14,161.61	3540.40	24.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12,485.32	3121.33	21.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	10,916.48	2729.12	18.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,390.33	2347.58	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,961.99	1990.50	13.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	6,546.90	1636.73	11.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	5,265.09	1316.27	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	4,131.54	1032.88	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,455.67	863.92	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,888.77	722.19	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,304.31	576.08	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,806.10	451.53	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,215.47	303.87	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	831.96	207.99	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	481.82	120.46	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	563.19	140.80	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	630.68	157.67	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	731.53	182.88	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	803.12	200.78	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	872.64	218.16	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	971.90	242.97	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,071.11	267.78	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	1,172.74	293.18	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,260.36	315.09	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	1,350.79	337.70	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	1,485.13	371.28	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	1,614.25	403.56	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	1,730.22	432.56	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	2,355.70	588.93	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	3,583.63	895.91	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	5,728.97	1432.24	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	10,040.84	2510.21	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	15,952.11	3988.03	27.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	24,299.96	6074.99	42.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	31,260.93	7815.23	54.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	36,070.54	10099.75	62.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:33 PM	42,929.31	6439.40	74.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	38,892.46	5056.02	67.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:16 AM	38,067.16	9136.12	65.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	37,275.04	8946.01	64.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	36,038.29	9009.57	62.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	34,807.02	8701.75	60.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	33,033.30	8258.32	57.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,498.09	7374.52	51.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	26,554.74	6638.68	45.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	24,519.00	6129.75	42.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	22,600.00	5650.00	39.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	20,779.42	5194.86	35.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	19,174.34	4793.58	33.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	17,683.49	4420.87	30.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	16,174.51	4043.63	28.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	14,358.58	3589.65	24.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12,650.09	3162.52	21.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,057.64	2764.41	19.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,509.70	2377.42	16.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	8,063.75	2015.94	13.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	6,636.87	1659.22	11.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	5,344.76	1336.19	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	4,321.38	1080.34	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,656.76	914.19	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,093.47	773.37	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,507.44	626.86	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,999.75	499.94	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,400.21	350.05	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	951.71	237.93	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	607.45	151.86	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	600.49	150.12	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	666.22	166.56	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	776.88	194.22	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	838.68	209.67	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	882.28	220.57	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	973.50	243.38	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,076.09	269.02	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	1,179.48	294.87	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,268.53	317.13	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	1,356.63	339.16	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	1,471.89	367.97	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	1,606.82	401.71	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	1,961.84	490.46	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	3,059.11	764.78	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	4,369.03	1092.26	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	6,500.63	1625.16	11.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	10,634.20	2658.55	18.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	17,287.17	4321.79	29.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	26,662.75	6665.69	46.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	33,580.20	8395.05	58.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	37,580.78	9395.20	65.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 PM	43,386.16	5640.20	75.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	38,396.94	2303.82	66.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	37,941.93	7208.97	65.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	36,992.96	9248.24	64.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	35,724.49	8931.12	61.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	34,407.47	8601.87	59.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	32,910.31	8227.58	56.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,811.99	7453.00	51.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	27,009.38	6752.35	46.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	24,994.29	6248.57	43.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	23,115.81	5778.95	40.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	21,275.57	5318.89	36.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	19,594.22	4898.56	33.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	18,046.22	4511.56	31.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	16,445.58	4111.40	28.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	14,556.45	3639.11	25.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12,809.55	3202.39	22.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,189.25	2797.31	19.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,616.08	2404.02	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	8,148.91	2037.23	14.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	6,716.33	1679.08	11.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	5,403.67	1350.92	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	4,546.39	1136.60	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,898.48	974.62	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,342.51	835.63	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,748.91	687.23	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,228.08	557.02	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,618.19	404.55	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,123.55	280.89	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	772.26	193.07	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	646.14	161.54	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	723.09	180.77	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	826.29	206.57	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	881.39	220.35	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	920.57	230.14	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	978.34	244.58	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,086.62	271.65	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	1,191.71	297.93	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,285.34	321.34	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	1,369.72	342.43	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	1,464.74	366.19	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	1,733.11	433.28	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	2,793.65	698.41	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	4,033.17	1008.29	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	5,421.10	1355.28	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	6,943.76	1735.94	12.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	11,936.24	2984.06	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	19,537.74	4884.44	33.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	30,242.72	7560.68	52.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	36,145.31	9036.33	62.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	39,771.99	8352.12	68.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:25 PM	43,801.44	3942.13	75.7%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	37,830.56	756.61	65.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	37,694.91	5654.24	65.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	36,645.96	9161.49	63.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	35,332.39	8833.10	61.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	33,905.19	8476.30	58.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	32,505.74	8126.44	56.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	30,044.30	7511.07	51.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	27,438.97	6859.74	47.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	25,505.54	6376.39	44.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	23,633.89	5908.47	40.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	21,802.43	5450.61	37.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	20,055.38	5013.85	34.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	18,439.66	4609.92	31.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	16,698.76	4174.69	28.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	14,727.36	3681.84	25.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12,934.08	3233.52	22.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,282.77	2820.69	19.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,683.80	2420.95	16.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	8,194.52	2048.63	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	6,756.92	1689.23	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	5,473.27	1368.32	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	4,797.07	1199.27	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	4,173.19	1043.30	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,621.38	905.35	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,017.21	754.30	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,478.87	619.72	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,858.43	464.61	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,344.81	336.20	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	964.86	241.22	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	714.46	178.62	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	792.84	198.21	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	879.46	219.86	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	933.16	233.29	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	965.67	241.42	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	999.46	249.87	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,103.95	275.99	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	1,213.22	303.30	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,311.85	327.96	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	1,384.62	346.16	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	1,573.38	393.34	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	2,634.82	658.71	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	3,952.16	988.04	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	5,303.15	1325.79	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	5,940.87	1485.22	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	8,025.06	2006.26	13.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	14,130.27	3532.57	24.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	23,406.74	5851.69	40.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	33,952.12	8488.03	58.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	37,934.67	9483.67	65.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	42,674.93	6401.24	73.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:18 PM	44,142.50	1324.27	76.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	37,167.30	3345.06	64.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	36,262.31	7615.09	62.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	34,891.47	8722.87	60.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	33,314.64	8328.66	57.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	31,890.10	7972.52	55.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	30,140.52	7535.13	52.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	27,872.79	6968.20	48.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	26,016.36	6504.09	45.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	24,167.44	6041.86	41.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	22,341.42	5585.36	38.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	20,573.79	5143.45	35.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	18,877.83	4719.46	32.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	16,933.59	4233.40	29.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	14,888.67	3722.17	25.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	13,044.79	3261.20	22.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,354.26	2838.57	19.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,729.54	2432.38	16.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	8,229.38	2057.34	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	6,769.89	1692.47	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	5,731.06	1432.77	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	5,080.97	1270.24	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	4,480.43	1120.11	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,932.50	983.12	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,312.71	828.18	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,753.63	688.41	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	2,121.67	530.42	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,637.94	409.48	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,153.64	288.41	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	856.58	214.15	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	866.27	216.57	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	934.26	233.57	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	987.44	246.86	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,021.19	255.30	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,057.10	264.27	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,131.08	282.77	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	1,243.57	310.89	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,349.04	337.26	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	1,504.70	376.18	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	2,585.18	646.30	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	3,943.70	985.93	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	5,400.80	1350.20	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	5,956.39	1489.10	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	6,684.51	1671.13	11.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	9,961.20	2490.30	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	17,783.62	4445.91	30.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	29,067.92	7266.98	50.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	36,861.54	12532.93	63.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:10 PM	44,433.80	9331.10	76.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	36,331.75	1453.27	62.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	35,876.55	6099.01	62.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	34,423.34	8605.83	59.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	32,645.14	8161.29	56.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	31,040.19	7760.05	53.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	30,007.07	7501.77	51.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	28,284.34	7071.08	48.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	26,592.11	6648.03	46.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	24,722.67	6180.67	42.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	22,905.51	5726.38	39.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	21,126.44	5281.61	36.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	19,348.68	4837.17	33.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	17,169.20	4292.30	29.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	15,055.76	3763.94	26.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	13,157.34	3289.33	22.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,421.11	2855.28	19.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,770.77	2442.69	16.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	8,256.26	2064.06	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	6,831.71	1707.93	11.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	6,039.85	1509.96	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	5,409.32	1352.33	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	4,818.60	1204.65	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	4,274.62	1068.66	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,634.31	908.58	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,056.77	764.19	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	2,413.41	603.35	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,953.10	488.27	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,363.57	340.89	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,042.99	260.75	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	940.03	235.01	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	997.93	249.48	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,043.45	260.86	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,095.85	273.96	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,132.45	283.11	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,178.50	294.62	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	1,287.52	321.88	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,540.20	385.05	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	2,632.54	658.14	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	4,075.72	1018.93	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	5,617.06	1404.26	9.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	6,237.77	1559.44	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	6,839.04	1709.76	11.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	8,109.43	2027.36	14.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	12,917.11	3229.28	22.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	23,000.33	5750.08	39.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	35,605.19	8901.30	61.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	39,992.71	10798.03	69.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:02 PM	44,793.10	6271.03	77.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	35,296.44	3882.61	61.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	33,853.84	7786.38	58.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	31,879.83	7969.96	55.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	30,421.57	7605.39	52.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,791.25	7447.81	51.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	28,497.38	7124.34	49.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	27,280.32	6820.08	47.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	25,266.15	6316.54	43.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	23,453.08	5863.27	40.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	21,663.97	5415.99	37.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	19,771.41	4942.85	34.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	17,367.68	4341.92	30.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	15,184.83	3796.21	26.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	13,232.79	3308.20	22.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,455.08	2863.77	19.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,791.67	2447.92	16.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	8,240.08	2060.02	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	7,147.08	1786.77	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	6,381.32	1595.33	11.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	5,774.95	1443.74	10.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	5,173.73	1293.43	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	4,604.11	1151.03	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,952.13	988.03	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,367.72	841.93	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	2,770.65	692.66	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,239.19	559.80	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,629.51	407.38	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,230.92	307.73	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,014.68	253.67	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,068.56	267.14	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,125.82	281.45	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,185.69	296.42	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,225.21	306.30	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,277.06	319.27	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	1,654.56	413.64	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	2,863.88	715.97	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	4,306.95	1076.74	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	6,006.54	1501.64	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	6,632.71	1658.18	11.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	7,582.05	1895.51	13.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	8,445.09	2111.27	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	10,316.80	2579.20	17.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	17,848.96	4462.24	30.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	30,038.33	7509.58	51.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	40,289.61	10072.40	69.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	42,682.96	8109.76	73.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:52 PM	45,421.01	2725.26	78.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	34,114.11	2046.85	59.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	33,332.35	6333.15	57.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	31,496.74	7874.18	54.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	30,128.98	7532.24	52.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,746.30	7436.57	51.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	28,604.50	7151.13	49.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	27,942.93	6985.73	48.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	25,948.45	6487.11	44.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	24,017.01	6004.25	41.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	22,226.99	5556.75	38.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	20,121.79	5030.45	34.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	17,581.80	4395.45	30.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	15,324.56	3831.14	26.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	13,321.27	3330.32	23.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,513.48	2878.37	19.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,812.85	2453.21	17.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	8,372.46	2093.11	14.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	7,520.80	1880.20	13.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	6,777.92	1694.48	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	6,185.49	1546.37	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	5,538.82	1384.70	9.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	4,938.01	1234.50	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	4,279.62	1069.91	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,712.92	928.23	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,110.71	777.68	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,552.06	638.01	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,908.99	477.25	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,456.06	364.02	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,100.78	275.19	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,162.92	290.73	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,227.64	306.91	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,298.34	324.58	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,353.30	338.33	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	2,032.75	508.19	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	3,163.98	790.99	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	4,762.37	1190.59	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	6,289.04	1572.26	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	7,240.17	1810.04	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	8,438.72	2109.68	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	9,609.76	2402.44	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	10,903.18	2725.79	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	14,116.27	3529.07	24.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	24,713.80	6178.45	42.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	38,504.69	9626.17	66.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	43,176.36	9930.56	74.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:42 PM	46,207.51	5082.83	79.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	32,854.29	4271.06	56.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	31,175.32	7793.83	53.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	30,052.81	7513.20	52.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,711.87	7427.97	51.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	28,953.55	7238.39	50.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	28,341.87	7085.47	49.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	26,433.59	6608.40	45.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	24,607.75	6151.94	42.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	22,804.31	5701.08	39.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	20,398.93	5099.73	35.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	17,813.25	4453.31	30.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	15,480.54	3870.13	26.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	13,437.09	3359.27	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,586.46	2896.62	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,834.90	2458.73	17.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	8,776.48	2194.12	15.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	7,956.81	1989.20	13.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	7,240.40	1810.10	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	6,611.94	1652.98	11.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	5,925.88	1481.47	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	5,295.61	1323.90	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	4,626.22	1156.56	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	4,082.03	1020.51	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,461.48	865.37	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,856.99	714.25	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	2,205.50	551.38	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,689.14	422.29	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,280.56	320.14	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,288.60	322.15	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,372.57	343.14	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,558.14	389.54	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	2,453.26	613.31	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	3,721.42	930.36	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	5,291.32	1322.83	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	6,719.91	1679.98	11.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	7,946.49	1986.62	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	9,522.53	2380.63	16.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	10,927.02	2731.75	18.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	12,440.79	3110.20	21.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	14,018.52	3504.63	24.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	20,034.47	5008.62	34.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	32,056.93	8014.23	55.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	43,751.52	11812.91	75.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:31 PM	46,480.40	6507.26	80.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	31,452.35	2516.19	54.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	30,656.74	6437.91	53.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	30,001.74	7500.44	51.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,708.90	7427.22	51.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	29,361.32	7340.33	50.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	28,395.95	7098.99	49.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	26,387.72	6596.93	45.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	25,072.77	6268.19	43.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	23,296.40	5824.10	40.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	20,664.18	5166.05	35.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	18,059.70	4514.92	31.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	15,668.09	3917.02	27.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	13,583.69	3395.92	23.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,666.52	2916.63	20.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	10,255.25	2563.81	17.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	9,246.16	2311.54	16.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,463.27	2115.82	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	7,733.95	1933.49	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	7,055.19	1763.80	12.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	6,333.47	1583.37	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	5,677.35	1419.34	9.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	5,027.30	1256.83	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	4,477.72	1119.43	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,797.19	949.30	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,176.58	794.15	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	2,517.57	629.39	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,959.29	489.82	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,529.73	382.43	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,545.84	386.46	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,811.45	452.86	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	3,011.65	752.91	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,286.51	1071.63	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	6,053.60	1513.40	10.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	7,283.25	1820.81	12.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	8,932.65	2233.16	15.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	10,569.68	2642.42	18.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	12,502.67	3125.67	21.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	14,286.07	3571.52	24.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	15,740.82	3935.21	27.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	17,743.53	4435.88	30.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	25,931.63	6482.91	44.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	38,677.79	9669.45	66.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	46,458.68	8362.56	80.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:21 PM	46,835.81	2341.79	81.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	30,352.75	607.06	52.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	30,175.05	4526.26	52.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	29,862.17	7465.54	51.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,731.40	7432.85	51.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	29,521.92	7380.48	51.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	28,211.32	7052.83	48.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	26,452.73	6613.18	45.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	25,181.82	6295.46	43.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	23,471.18	5867.79	40.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	20,893.77	5223.44	36.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	18,332.49	4583.12	31.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	15,913.68	3978.42	27.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	13,752.18	3438.05	23.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,930.08	2982.52	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	10,786.13	2696.53	18.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	9,801.44	2450.36	16.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9,036.18	2259.04	15.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	8,237.87	2059.47	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	7,522.26	1880.57	13.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	6,767.80	1691.95	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	6,094.49	1523.62	10.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	5,436.33	1359.08	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	4,857.98	1214.50	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,147.06	1036.76	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,520.03	880.01	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	2,855.70	713.93	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	2,314.21	578.55	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,924.46	481.12	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	2,409.41	602.35	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	3,604.62	901.16	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	5,031.67	1257.92	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	6,752.67	1688.17	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	8,199.52	2049.88	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	10,027.62	2506.91	17.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	12,001.09	3000.27	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	14,008.14	3502.03	24.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	16,260.86	4065.21	28.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	17,973.16	4493.29	31.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	19,264.87	4816.22	33.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	20,604.35	5151.09	35.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	30,350.76	7587.69	52.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	45,843.87	9627.21	79.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:09 PM	46,877.39	3750.19	81.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	29,836.27	2983.63	51.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	29,747.92	6544.54	51.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,699.50	7424.88	51.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	29,403.35	7350.84	50.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	28,132.85	7033.21	48.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	26,681.58	6670.40	46.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	25,306.22	6326.56	43.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	23,185.45	5796.36	40.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	21,018.56	5254.64	36.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	18,616.40	4654.10	32.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	16,194.90	4048.72	28.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	13,947.67	3486.92	24.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	12,534.01	3133.50	21.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	11,405.82	2851.45	19.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	10,447.16	2611.79	18.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9,608.16	2402.04	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	8,773.06	2193.26	15.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	8,015.28	2003.82	13.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	7,229.71	1807.43	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	6,521.47	1630.37	11.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	5,837.19	1459.30	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	5,215.90	1303.97	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,535.76	1133.94	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,887.06	971.76	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,275.49	818.87	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	2,842.84	710.71	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,176.37	794.09	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,294.22	1073.56	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	5,820.77	1455.19	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,548.29	1887.07	13.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	9,159.24	2289.81	15.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	11,407.65	2851.91	19.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,423.19	3355.80	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	15,848.49	3962.12	27.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	18,123.72	4530.93	31.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	20,183.49	5045.87	34.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	21,388.95	5347.24	37.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	21,604.16	5401.04	37.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	24,529.95	6132.49	42.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	36,077.06	8297.72	62.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:58 PM	46,877.54	5156.53	81.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	29,716.68	1188.67	51.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	29,698.29	5048.71	51.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,642.65	7410.66	51.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	29,509.90	7377.47	51.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	28,353.98	7088.49	49.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	27,002.43	6750.61	46.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	25,369.74	6342.43	43.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	22,914.47	5728.62	39.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	20,789.58	5197.39	35.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	18,799.31	4699.83	32.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	16,512.62	4128.15	28.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	14,663.38	3665.84	25.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	13,253.19	3313.30	22.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	12,142.07	3035.52	21.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	11,128.31	2782.08	19.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10,218.40	2554.60	17.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,342.99	2335.75	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	8,531.59	2132.90	14.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	7,711.00	1927.75	13.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	7,057.65	1764.41	12.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	6,365.78	1591.45	11.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	5,675.47	1418.87	9.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,953.49	1238.37	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,398.30	1099.57	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,883.62	970.91	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,421.28	1105.32	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	5,250.91	1312.73	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	6,734.42	1683.60	11.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	8,324.09	2081.02	14.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	10,418.61	2604.65	18.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	12,623.78	3155.94	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	15,004.74	3751.18	25.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	17,460.32	4365.08	30.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	20,071.43	5017.86	34.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	22,079.57	5519.89	38.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	23,624.81	5906.20	40.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	23,917.83	5979.46	41.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	23,650.96	5912.74	40.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	27,969.44	7551.75	48.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:47 PM	46,105.74	6454.80	79.7%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	29,640.60	3556.87	51.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,578.85	7098.92	51.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	29,492.77	7373.19	51.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	28,906.70	7226.67	50.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	27,428.68	6857.17	47.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	25,311.37	6327.84	43.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	22,723.26	5680.82	39.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	20,562.80	5140.70	35.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	18,618.23	4654.56	32.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	16,902.70	4225.68	29.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	15,487.30	3871.83	26.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	14,084.72	3521.18	24.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	12,932.93	3233.23	22.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	11,824.22	2956.05	20.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10,874.64	2718.66	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,929.37	2482.34	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	9,072.78	2268.20	15.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	8,224.66	2056.17	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	7,528.35	1882.09	13.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	6,776.50	1694.13	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	6,097.67	1524.42	10.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	5,511.73	1377.93	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	5,294.27	1323.57	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	5,646.03	1411.51	9.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	6,653.89	1663.47	11.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	7,848.21	1962.05	13.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	9,330.28	2332.57	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	11,541.44	2885.36	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,089.62	3522.41	24.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	16,294.90	4073.73	28.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	19,062.57	4765.64	33.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	21,676.63	5419.16	37.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	23,968.09	5992.02	41.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	25,541.55	6385.39	44.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	26,173.53	6543.38	45.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	25,944.43	6486.11	44.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	25,836.47	6459.12	44.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,729.11	6028.53	54.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:37 PM	39,960.39	2397.62	69.1%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	29,547.97	1772.88	51.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,507.79	5311.40	51.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	29,401.37	7350.34	50.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	29,258.52	7314.63	50.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	28,031.49	7007.87	48.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	25,299.53	6324.88	43.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	22,644.32	5661.08	39.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	20,397.57	5099.39	35.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	18,385.92	4596.48	31.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	17,313.37	4328.34	29.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	16,307.44	4076.86	28.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	14,950.46	3737.62	25.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	13,732.90	3433.22	23.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12,563.22	3140.80	21.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	11,556.13	2889.03	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	10,524.29	2631.07	18.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	9,626.41	2406.60	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	8,770.79	2192.70	15.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	8,046.13	2011.53	13.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	7,284.71	1821.18	12.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	6,735.24	1683.81	11.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	6,553.16	1638.29	11.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	7,113.92	1778.48	12.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	7,913.71	1978.43	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	9,302.55	2325.64	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	10,682.62	2670.66	18.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	12,802.54	3200.64	22.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	15,326.65	3831.66	26.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	17,831.32	4457.83	30.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	20,170.33	5042.58	34.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	23,091.77	5772.94	39.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	25,485.52	6371.38	44.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	27,266.30	6816.57	47.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	28,465.10	7116.27	49.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	28,324.40	7081.10	49.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	27,883.79	6970.95	48.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	27,058.89	5952.96	46.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:27 PM	34,815.68	3481.57	60.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	29,431.80	3826.13	50.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	29,299.48	7324.87	50.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	29,113.33	7278.33	50.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	28,644.48	7161.12	49.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	25,493.31	6373.33	44.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	22,688.33	5672.08	39.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	20,321.49	5080.37	35.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	18,625.42	4656.36	32.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	17,697.62	4424.41	30.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	16,881.79	4220.45	29.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	15,843.82	3960.95	27.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	14,587.01	3646.75	25.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	13,348.33	3337.08	23.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12,265.29	3066.32	21.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,160.74	2790.19	19.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	10,205.09	2551.27	17.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	9,342.06	2335.51	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,616.48	2154.12	14.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	7,940.92	1985.23	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	7,908.29	1977.07	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	8,272.64	2068.16	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	9,361.49	2340.37	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	10,406.70	2601.68	18.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,243.59	3060.90	21.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	14,099.35	3524.84	24.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	16,444.28	4111.07	28.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	18,700.84	4675.21	32.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	21,735.89	5433.97	37.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	24,155.98	6038.99	41.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	26,608.30	6652.08	46.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	28,299.98	7075.00	48.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	30,088.86	7522.22	52.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	30,990.16	7747.54	53.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	30,579.26	7644.81	52.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	28,949.40	7237.35	50.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	28,808.56	4321.28	49.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:18 PM	31,432.77	942.98	54.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	29,282.90	2049.80	50.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	29,185.17	5545.18	50.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	28,945.90	7236.47	50.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	28,297.31	7074.33	48.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	25,881.86	6470.46	44.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	22,863.43	5715.86	39.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	20,349.14	5087.29	35.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	19,155.19	4788.80	33.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	18,197.91	4549.48	31.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	17,334.32	4333.58	30.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	16,493.06	4123.26	28.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	15,471.90	3867.97	26.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	14,160.00	3540.00	24.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12,999.48	3249.87	22.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	11,833.69	2958.42	20.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	10,841.41	2710.35	18.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	9,959.55	2489.89	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9,307.45	2326.86	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,095.87	2273.97	15.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	9,546.52	2386.63	16.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	10,353.89	2588.47	17.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,591.68	2897.92	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	13,196.52	3299.13	22.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	15,394.22	3848.56	26.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	17,444.52	4361.13	30.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	19,671.17	4917.79	34.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	21,971.85	5492.96	38.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	25,545.88	6386.47	44.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	27,847.09	6961.77	48.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	29,237.47	7309.37	50.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	30,851.80	7712.95	53.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	32,519.02	8129.76	56.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	33,236.89	8309.22	57.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	32,027.10	8006.77	55.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	30,447.47	6393.97	52.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:10 PM	29,892.00	2690.28	51.7%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	29,087.89	290.88	50.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	29,069.16	3778.99	50.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	28,764.16	7191.04	49.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	27,809.77	6952.44	48.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	25,780.72	6445.18	44.6%	6.88	1.72	0.0%	6.88	1.72	0.0%
8:45 AM	23,215.81	5803.95	40.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	20,843.01	5210.75	36.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	19,803.98	4950.99	34.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	18,781.78	4695.44	32.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	17,839.20	4459.80	30.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	16,967.51	4241.88	29.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	16,153.90	4038.47	27.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	14,995.12	3748.78	25.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	13,764.27	3441.07	23.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	12,541.50	3135.38	21.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	11,566.78	2891.70	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	10,704.73	2676.18	18.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10,445.72	2611.43	18.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	10,537.79	2634.45	18.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	11,447.96	2861.99	19.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	12,330.18	3082.54	21.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	14,018.50	3504.63	24.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	15,934.95	3983.74	27.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	18,406.81	4601.70	31.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	20,239.26	5059.82	35.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	22,571.41	5642.85	39.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	25,042.85	6260.71	43.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	28,641.90	7160.48	49.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	30,875.57	7718.89	53.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	31,739.87	7934.97	54.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	33,301.75	8325.44	57.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	34,652.71	8663.18	59.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	34,707.48	8676.87	60.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	33,363.25	8340.81	57.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	31,726.62	4758.99	54.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:03 PM	31,303.20	939.10	54.1%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	28,831.64	2306.53	49.8%	929.38	74.35	1.6%	929.38	74.35	1.6%
8:00 AM	28,579.25	5715.85	49.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	27,410.31	6852.58	47.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	25,346.08	6336.52	43.8%	2,085.42	521.35	3.6%	2,085.42	521.35	3.6%
8:45 AM	23,451.06	5862.76	40.5%	974.14	243.53	1.7%	974.14	243.53	1.7%
9:00 AM	21,683.54	5420.89	37.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	20,544.40	5136.10	35.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	19,413.79	4853.45	33.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	18,385.25	4596.31	31.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	17,476.90	4369.22	30.2%	5.86	1.46	0.0%	5.86	1.46	0.0%
10:15 AM	16,632.98	4158.24	28.8%	88.97	22.24	0.2%	88.97	22.24	0.2%
10:30 AM	15,727.82	3931.95	27.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	14,539.80	3634.95	25.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	13,287.26	3321.82	23.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	12,358.33	3089.58	21.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	11,736.67	2934.17	20.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	11,735.61	2933.90	20.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	12,214.87	3053.72	21.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	13,166.97	3291.74	22.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	14,336.65	3584.16	24.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	16,308.44	4077.11	28.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	18,367.42	4591.85	31.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	20,850.41	5212.60	36.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	22,736.26	5684.06	39.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	24,954.07	6238.52	43.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	27,663.77	6915.94	47.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	30,730.40	7682.60	53.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	33,305.40	8326.35	57.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	34,542.09	8635.52	59.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	35,702.95	8925.74	61.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	36,226.87	9056.72	62.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	35,645.92	8911.48	61.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	34,549.31	7946.34	59.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:57 PM	33,341.07	3667.52	57.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	28,498.35	569.97	49.3%	4,091.06	81.82	7.1%	4,091.06	81.82	7.1%
8:00 AM	28,416.42	4262.46	49.1%	2,430.55	364.58	4.2%	2,430.55	364.58	4.2%
8:15 AM	27,144.97	6786.24	46.9%	815.51	203.88	1.4%	815.51	203.88	1.4%
8:30 AM	25,045.49	6261.37	43.3%	5,713.54	1428.38	9.9%	5,713.54	1428.38	9.9%
8:45 AM	23,155.44	5788.86	40.0%	5,172.11	1293.03	8.9%	5,172.11	1293.03	8.9%
9:00 AM	22,611.65	5652.91	39.1%	1,324.99	331.25	2.3%	1,324.99	331.25	2.3%
9:15 AM	21,346.21	5336.55	36.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	20,081.86	5020.47	34.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	18,962.04	4740.51	32.8%	0.19	0.05	0.0%	0.19	0.05	0.0%
10:00 AM	18,016.59	4504.15	31.1%	426.66	106.67	0.7%	426.66	106.67	0.7%
10:15 AM	17,137.98	4284.50	29.6%	1,180.99	295.25	2.0%	1,180.99	295.25	2.0%
10:30 AM	16,225.58	4056.40	28.1%	744.28	186.07	1.3%	744.28	186.07	1.3%
10:45 AM	15,281.62	3820.40	26.4%	138.48	34.62	0.2%	138.48	34.62	0.2%
11:00 AM	14,070.92	3517.73	24.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	13,247.88	3311.97	22.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12,846.96	3211.74	22.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	13,170.76	3292.69	22.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	13,688.38	3422.10	23.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	14,781.91	3695.48	25.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	16,183.01	4045.75	28.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	18,262.80	4565.70	31.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	20,396.48	5099.12	35.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	22,765.62	5691.41	39.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	24,705.62	6176.41	42.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	26,808.16	6702.04	46.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	29,462.41	7365.60	50.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	31,930.32	7982.58	55.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	34,914.34	8728.59	60.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	37,125.46	9281.37	64.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	37,187.54	9296.89	64.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	37,110.04	9277.51	64.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	36,455.03	9113.76	63.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	35,608.09	7121.62	61.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	35,083.06	2806.64	60.7%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	28,077.85	2527.01	48.5%	7,070.36	636.33	12.2%	7,070.36	636.33	12.2%
8:15 AM	27,010.48	5672.20	46.7%	2,394.36	502.82	4.1%	2,394.36	502.82	4.1%
8:30 AM	24,898.90	6224.72	43.0%	9,554.46	2388.62	16.5%	9,554.46	2388.62	16.5%
8:45 AM	23,010.31	5752.58	39.8%	10,378.37	2594.59	17.9%	10,378.37	2594.59	17.9%
9:00 AM	23,057.99	5764.50	39.9%	4,556.12	1139.03	7.9%	4,556.12	1139.03	7.9%
9:15 AM	22,184.22	5546.06	38.4%	112.16	28.04	0.2%	112.16	28.04	0.2%
9:30 AM	20,714.97	5178.74	35.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	19,550.54	4887.64	33.8%	204.95	51.24	0.4%	204.95	51.24	0.4%
10:00 AM	18,555.97	4638.99	32.1%	1,103.96	275.99	1.9%	1,103.96	275.99	1.9%
10:15 AM	17,645.96	4411.49	30.5%	2,583.10	645.77	4.5%	2,583.10	645.77	4.5%
10:30 AM	16,706.17	4176.54	28.9%	2,338.09	584.52	4.0%	2,338.09	584.52	4.0%
10:45 AM	15,834.51	3958.63	27.4%	1,168.51	292.13	2.0%	1,168.51	292.13	2.0%
11:00 AM	14,811.23	3702.81	25.6%	64.76	16.19	0.1%	64.76	16.19	0.1%
11:15 AM	14,179.96	3544.99	24.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	13,881.69	3470.42	24.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	14,319.89	3579.97	24.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	14,778.37	3694.59	25.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	16,143.95	4035.99	27.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	17,624.19	4406.05	30.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	19,833.69	4958.42	34.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	21,789.55	5447.39	37.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	24,143.88	6035.97	41.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	26,048.46	6512.11	45.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	28,324.29	7081.07	49.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	30,513.50	7628.38	52.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	32,798.30	8199.57	56.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	35,869.05	8967.26	62.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	39,029.91	9757.48	67.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	38,748.03	9687.01	67.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	37,473.11	9368.28	64.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	37,057.55	9264.39	64.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	36,486.04	6567.49	63.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	36,336.51	1816.83	62.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	27,599.50	1103.98	47.7%	9,165.80	366.63	15.8%	9,165.80	366.63	15.8%
8:15 AM	27,049.15	4598.36	46.8%	6,087.22	1034.83	10.5%	6,087.22	1034.83	10.5%
8:30 AM	24,926.95	6231.74	43.1%	11,725.51	2931.38	20.3%	11,725.51	2931.38	20.3%
8:45 AM	23,033.04	5758.26	39.8%	14,310.11	3577.53	24.7%	14,310.11	3577.53	24.7%
9:00 AM	23,192.98	5798.24	40.1%	9,586.67	2396.67	16.6%	9,586.67	2396.67	16.6%
9:15 AM	22,872.13	5718.03	39.5%	3,123.06	780.76	5.4%	3,123.06	780.76	5.4%
9:30 AM	21,335.61	5333.90	36.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	20,115.59	5028.90	34.8%	625.00	156.25	1.1%	625.00	156.25	1.1%
10:00 AM	19,063.64	4765.91	33.0%	1,683.85	420.96	2.9%	1,683.85	420.96	2.9%
10:15 AM	18,123.85	4530.96	31.3%	3,781.39	945.35	6.5%	3,781.39	945.35	6.5%
10:30 AM	17,161.13	4290.28	29.7%	3,872.19	968.05	6.7%	3,872.19	968.05	6.7%
10:45 AM	16,306.51	4076.63	28.2%	2,350.29	587.57	4.1%	2,350.29	587.57	4.1%
11:00 AM	15,397.68	3849.42	26.6%	320.47	80.12	0.6%	320.47	80.12	0.6%
11:15 AM	14,893.05	3723.26	25.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	14,770.79	3692.70	25.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	15,252.52	3813.13	26.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	15,820.39	3955.10	27.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	17,228.79	4307.20	29.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	18,620.28	4655.07	32.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	20,863.06	5215.77	36.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	22,700.52	5675.13	39.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	24,977.26	6244.31	43.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	26,912.89	6728.22	46.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	29,177.50	7294.37	50.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	31,146.97	7786.74	53.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	33,356.42	8339.10	57.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	36,350.47	9087.62	62.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	39,875.92	9968.98	68.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	40,093.99	10023.50	69.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	37,692.28	9423.07	65.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	37,425.86	9356.46	64.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	37,235.39	6330.02	64.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	37,252.33	1862.62	64.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	27,169.24	3260.31	47.0%	11,433.33	1372.00	19.8%	11,433.33	1372.00	19.8%
8:30 AM	25,148.95	6287.24	43.5%	12,646.12	3161.53	21.9%	12,646.12	3161.53	21.9%
8:45 AM	22,340.61	5585.15	38.6%	15,051.96	3762.99	26.0%	15,051.96	3762.99	26.0%
9:00 AM	23,271.63	5817.91	40.2%	12,721.41	3180.35	22.0%	12,721.41	3180.35	22.0%
9:15 AM	22,510.32	5627.58	38.9%	7,145.39	1786.35	12.4%	7,145.39	1786.35	12.4%
9:30 AM	21,910.58	5477.65	37.9%	330.20	82.55	0.6%	330.20	82.55	0.6%
9:45 AM	20,632.33	5158.08	35.7%	816.73	204.18	1.4%	816.73	204.18	1.4%
10:00 AM	19,514.45	4878.61	33.7%	1,945.09	486.27	3.4%	1,945.09	486.27	3.4%
10:15 AM	18,539.54	4634.88	32.1%	4,397.95	1099.49	7.6%	4,397.95	1099.49	7.6%
10:30 AM	17,556.97	4389.24	30.4%	5,032.32	1258.08	8.7%	5,032.32	1258.08	8.7%
10:45 AM	16,699.16	4174.79	28.9%	3,826.23	956.56	6.6%	3,826.23	956.56	6.6%
11:00 AM	15,827.05	3956.76	27.4%	900.14	225.04	1.6%	900.14	225.04	1.6%
11:15 AM	15,378.78	3844.70	26.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	15,319.12	3829.78	26.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	15,745.03	3936.26	27.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	16,296.11	4074.03	28.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	17,675.41	4418.85	30.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	19,087.57	4771.89	33.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	21,264.36	5316.09	36.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	23,074.91	5768.73	39.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	25,297.60	6324.40	43.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	27,225.06	6806.27	47.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	29,465.78	7366.44	50.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	31,433.83	7858.46	54.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	33,525.46	8381.36	58.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	36,313.15	9078.29	62.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	39,945.98	9986.50	69.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	41,083.33	10270.83	71.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	38,183.48	9545.87	66.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	37,617.24	9404.31	65.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	37,724.46	6790.40	65.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:52 PM	37,822.04	2269.32	65.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	26,970.21	2157.62	46.6%	12,621.88	1009.75	21.8%	12,621.88	1009.75	21.8%
8:30 AM	25,539.93	5363.38	44.2%	12,170.82	2555.87	21.0%	12,170.82	2555.87	21.0%
8:45 AM	23,449.01	5862.25	40.5%	15,674.05	3918.51	27.1%	15,674.05	3918.51	27.1%
9:00 AM	23,294.47	5823.62	40.3%	14,050.66	3512.66	24.3%	14,050.66	3512.66	24.3%
9:15 AM	23,250.52	5812.63	40.2%	9,954.98	2488.74	17.2%	9,954.98	2488.74	17.2%
9:30 AM	22,369.18	5592.30	38.7%	1,864.54	466.14	3.2%	1,864.54	466.14	3.2%
9:45 AM	20,936.81	5234.20	36.2%	637.33	159.33	1.1%	637.33	159.33	1.1%
10:00 AM	19,843.78	4960.95	34.3%	1,616.63	404.16	2.8%	1,616.63	404.16	2.8%
10:15 AM	18,853.06	4713.27	32.6%	4,377.01	1094.25	7.6%	4,377.01	1094.25	7.6%
10:30 AM	17,839.94	4459.98	30.8%	5,347.12	1336.78	9.2%	5,347.12	1336.78	9.2%
10:45 AM	16,986.48	4246.62	29.4%	4,707.88	1176.97	8.1%	4,707.88	1176.97	8.1%
11:00 AM	16,079.65	4019.91	27.8%	1,716.88	429.22	3.0%	1,716.88	429.22	3.0%
11:15 AM	15,613.58	3903.39	27.0%	5.43	1.36	0.0%	5.43	1.36	0.0%
11:30 AM	15,489.74	3872.43	26.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	15,886.80	3971.70	27.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	16,343.19	4085.80	28.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	17,663.09	4415.77	30.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	19,018.44	4754.61	32.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	21,167.58	5291.90	36.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	22,916.72	5729.18	39.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	25,135.03	6283.76	43.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	26,998.48	6749.62	46.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	29,286.37	7321.59	50.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	31,220.70	7805.18	54.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	33,277.74	8319.43	57.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	35,827.42	8956.86	61.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	39,455.78	9863.94	68.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	41,515.49	10378.87	71.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	39,046.04	9761.51	67.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	37,688.32	9422.08	65.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	37,775.73	7932.90	65.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	38,038.17	3043.05	65.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

APPENDIX 5: SHADOW CALCULATIONS FOR KIDS' PARK P6 (MISSION BAY PARKS)

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	46,281.37	5090.95	88.4%	4,427.64	487.04	8.5%	4,427.64	487.04	8.5%
7:00 AM	40,413.62	9295.13	77.2%	2,889.40	664.56	5.5%	2,889.40	664.56	5.5%
7:15 AM	34,993.16	8748.29	66.8%	18.32	4.58	0.0%	18.32	4.58	0.0%
7:30 AM	30,515.72	7628.93	58.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	26,748.78	6687.20	51.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	23,590.06	5897.51	45.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	20,876.35	5219.09	39.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	18,549.97	4637.49	35.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	16,504.52	4126.13	31.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	14,674.82	3668.70	28.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	12,982.44	3245.61	24.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	11,467.24	2866.81	21.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	10,087.57	2521.89	19.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	8,822.42	2205.61	16.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	7,647.74	1911.93	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	6,553.76	1638.44	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	5,521.31	1380.33	10.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	4,559.31	1139.83	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	3,721.19	930.30	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,925.63	731.41	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,137.44	534.36	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,395.00	348.75	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	638.27	159.57	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	980.01	245.00	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	3,784.23	946.06	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	7,483.67	1870.92	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	11,821.11	2955.28	22.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	16,059.20	4014.80	30.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	19,871.72	4967.93	38.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	23,552.26	5888.07	45.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	26,752.33	6688.08	51.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	29,639.74	7409.93	56.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,926.97	7981.74	61.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	33,297.90	8324.47	63.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	33,056.66	8264.16	63.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	31,791.60	7947.90	60.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	31,405.86	9421.76	60.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	33,664.67	6059.64	64.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	46,269.03	4626.90	88.4%	3,901.61	390.16	7.5%	3,901.61	390.16	7.5%
7:00 AM	41,230.59	9070.73	78.8%	2,740.08	602.82	5.2%	2,740.08	602.82	5.2%
7:15 AM	35,680.22	8920.06	68.2%	69.25	17.31	0.1%	69.25	17.31	0.1%
7:30 AM	31,080.79	7770.20	59.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	27,214.70	6803.68	52.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	23,982.58	5995.65	45.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	21,211.68	5302.92	40.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	18,834.94	4708.74	36.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	16,751.91	4187.98	32.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	14,894.85	3723.71	28.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	13,178.10	3294.52	25.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	11,641.94	2910.49	22.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	10,245.47	2561.37	19.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	8,966.17	2241.54	17.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	7,780.10	1945.03	14.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	6,675.93	1668.98	12.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	5,635.35	1408.84	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	4,658.52	1164.63	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	3,811.24	952.81	7.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,011.02	752.76	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,219.44	554.86	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,473.22	368.30	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	713.78	178.44	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	16.99	4.25	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	708.83	177.21	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	3,435.12	858.78	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	7,059.88	1764.97	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	11,422.07	2855.52	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	15,700.38	3925.10	30.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	19,570.53	4892.63	37.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	23,292.13	5823.03	44.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	26,573.75	6643.44	50.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	29,538.60	7384.65	56.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	31,917.16	7979.29	61.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	33,422.97	8355.74	63.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	33,352.84	8338.21	63.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	32,029.64	8007.41	61.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	31,509.83	9452.95	60.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	33,673.76	6061.28	64.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	46,235.47	2774.13	88.3%	2,444.40	146.66	4.7%	2,444.40	146.66	4.7%
7:00 AM	42,503.46	8075.66	81.2%	1,929.22	366.55	3.7%	1,929.22	366.55	3.7%
7:15 AM	36,731.91	9182.98	70.2%	63.48	15.87	0.1%	63.48	15.87	0.1%
7:30 AM	31,939.86	7984.97	61.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	27,911.88	6977.97	53.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	24,563.80	6140.95	46.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	21,697.53	5424.38	41.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	19,244.19	4811.05	36.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	17,101.60	4275.40	32.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	15,187.32	3796.83	29.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	13,434.85	3358.71	25.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	11,866.97	2966.74	22.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	10,445.20	2611.30	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	9,144.85	2286.21	17.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	7,940.90	1985.23	15.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	6,821.63	1705.41	13.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	5,767.76	1441.94	11.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	4,779.53	1194.88	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	3,910.45	977.61	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,102.03	775.51	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,303.63	575.91	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,550.84	387.71	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	786.15	196.54	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	81.83	20.46	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	407.06	101.77	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	3,064.57	766.14	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	6,644.49	1661.12	12.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	11,077.63	2769.41	21.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	15,481.30	3870.32	29.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	19,430.40	4857.60	37.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	23,239.94	5809.98	44.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	26,692.32	6673.08	51.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	29,826.25	7456.56	57.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	32,344.35	8086.09	61.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	33,999.83	8499.96	64.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	34,084.27	8521.07	65.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	32,634.85	8158.71	62.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	31,858.22	9557.46	60.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	33,736.13	6072.50	64.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	46,202.39	1386.07	88.3%	919.72	27.59	1.8%	919.72	27.59	1.8%
7:00 AM	44,363.45	6654.52	84.7%	770.34	115.55	1.5%	770.34	115.55	1.5%
7:15 AM	38,148.92	9537.23	72.9%	15.68	3.92	0.0%	15.68	3.92	0.0%
7:30 AM	33,098.41	8274.60	63.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	28,853.17	7213.29	55.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	25,340.47	6335.12	48.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	22,336.37	5584.09	42.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	19,779.03	4944.76	37.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	17,554.12	4388.53	33.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	15,549.60	3887.40	29.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	13,749.63	3437.41	26.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	12,139.26	3034.82	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	10,683.64	2670.91	20.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	9,355.53	2338.88	17.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	8,127.50	2031.88	15.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	6,987.91	1746.98	13.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	5,916.25	1479.06	11.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	4,912.53	1228.13	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	4,016.91	1004.23	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,196.88	799.22	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,388.24	597.06	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,625.87	406.47	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	853.34	213.34	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	140.72	35.18	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	84.15	21.04	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	2,678.32	669.58	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	6,238.97	1559.74	11.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	10,683.47	2670.87	20.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	15,390.60	3847.65	29.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	19,441.42	4860.35	37.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	23,383.89	5845.97	44.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	27,122.48	6780.62	51.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	30,548.94	7637.23	58.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	33,277.67	8319.42	63.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	35,102.98	8775.74	67.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	35,241.38	8810.34	67.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	33,690.11	8422.53	64.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	32,518.52	9105.19	62.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:33 PM	33,962.81	5094.42	64.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	46,181.39	6003.58	88.2%	1.98	0.26	0.0%	1.98	0.26	0.0%
7:16 AM	39,417.95	9460.31	75.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	34,521.99	8285.28	65.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	30,000.95	7500.24	57.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	26,274.36	6568.59	50.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	23,100.93	5775.23	44.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	20,411.62	5102.90	39.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	18,059.27	4514.82	34.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	15,954.90	3988.73	30.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	14,097.43	3524.36	26.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	12,437.24	3109.31	23.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	10,940.51	2735.13	20.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	9,578.97	2394.74	18.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	8,322.12	2080.53	15.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	7,158.26	1789.56	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	6,065.23	1516.31	11.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,043.32	1260.83	9.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	4,118.23	1029.56	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,283.88	820.97	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,461.90	615.47	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,687.72	421.93	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	905.15	226.29	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	181.73	45.43	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	2,316.03	579.01	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,894.33	1473.58	11.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	10,378.99	2594.75	19.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	15,407.69	3851.92	29.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	19,634.62	4908.65	37.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	23,780.49	5945.12	45.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	27,963.61	6990.90	53.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	31,846.04	7961.51	60.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	34,853.88	8713.47	66.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	36,891.84	9222.96	70.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	36,597.51	9149.38	69.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	35,102.10	8775.52	67.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	33,628.57	8407.14	64.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 PM	34,546.63	4491.06	66.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	46,228.44	2773.71	88.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	42,225.26	8022.80	80.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	36,265.49	9066.37	69.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	31,397.42	7849.36	60.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	27,395.06	6848.77	52.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	24,015.03	6003.76	45.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	21,165.28	5291.32	40.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	18,612.71	4653.18	35.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	16,413.69	4103.42	31.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	14,486.90	3621.72	27.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	12,768.35	3192.09	24.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	11,222.94	2805.74	21.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	9,822.21	2455.55	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	8,531.35	2132.84	16.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	7,339.36	1834.84	14.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	6,220.70	1555.18	11.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,176.88	1294.22	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	4,219.62	1054.90	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,367.76	841.94	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,529.58	632.40	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,740.94	435.24	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	945.61	236.40	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	209.39	52.35	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,955.61	488.90	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,578.35	1394.59	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	10,094.79	2523.70	19.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	15,134.51	3783.63	28.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	19,960.26	4990.07	38.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	24,483.78	6120.95	46.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	29,278.22	7319.56	55.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	33,833.44	8458.36	64.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	37,233.78	9308.44	71.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	39,265.87	9816.47	75.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	38,159.90	9539.97	72.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	36,784.18	9196.05	70.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	35,405.35	7435.12	67.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:25 PM	35,815.03	3223.35	68.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	46,185.30	923.71	88.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	44,890.33	6733.55	85.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	38,248.44	9562.11	73.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	32,962.32	8240.58	63.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	28,644.72	7161.18	54.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	25,030.55	6257.64	47.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	21,897.42	5474.35	41.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	19,189.51	4797.38	36.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	16,886.60	4221.65	32.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	14,881.14	3720.28	28.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	13,100.17	3275.04	25.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	11,502.14	2875.53	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10,058.44	2514.61	19.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	8,730.53	2182.63	16.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	7,507.22	1876.81	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	6,360.65	1590.16	12.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,293.34	1323.34	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	4,303.88	1075.97	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,432.15	858.04	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,575.84	643.96	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,770.31	442.58	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	960.76	240.19	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	210.01	52.50	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,651.24	412.81	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,366.42	1341.61	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	9,866.97	2466.74	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	14,858.56	3714.64	28.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	20,239.70	5059.93	38.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	25,678.23	6419.56	49.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	31,301.66	7825.41	59.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	36,733.90	9183.48	70.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	40,555.56	10138.89	77.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	41,528.13	10382.03	79.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	39,890.52	9972.63	76.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	38,517.77	9629.44	73.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	37,878.71	5681.81	72.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:18 PM	38,103.99	1143.12	72.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	46,102.53	4149.23	88.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	40,730.48	8553.40	77.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	34,759.04	8689.76	66.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	30,063.02	7515.76	57.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	26,065.45	6516.36	49.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	22,659.08	5664.77	43.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	19,803.31	4950.83	37.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	17,385.72	4346.43	33.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	15,289.59	3822.40	29.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	13,441.72	3360.43	25.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	11,786.36	2946.59	22.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10,295.08	2573.77	19.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	8,927.26	2231.81	17.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	7,669.53	1917.38	14.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	6,493.03	1623.26	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,399.42	1349.86	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	4,377.46	1094.36	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,483.08	870.77	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,606.13	651.53	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,781.33	445.33	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	955.65	238.91	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	189.03	47.26	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,379.93	344.98	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,205.49	1301.37	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	9,556.65	2389.16	18.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	14,564.44	3641.11	27.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	20,455.47	5113.87	39.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	27,465.04	6866.26	52.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	34,230.95	8557.74	65.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	40,798.08	10199.52	77.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	44,063.44	11015.86	84.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	43,177.47	10794.37	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	41,724.15	14186.21	79.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:10 PM	40,655.92	8537.74	77.7%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	45,967.28	1838.69	87.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	43,517.44	7397.97	83.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	37,002.83	9250.71	70.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	31,549.40	7887.35	60.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	27,094.06	6773.51	51.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	23,485.03	5871.26	44.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	20,468.13	5117.03	39.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	17,918.38	4479.60	34.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	15,721.79	3930.45	30.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	13,799.72	3449.93	26.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	12,081.74	3020.43	23.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10,538.13	2634.53	20.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	9,127.44	2281.86	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	7,831.56	1957.89	15.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	6,622.41	1655.60	12.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,500.32	1375.08	10.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	4,444.64	1111.16	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,524.81	881.20	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,625.09	656.27	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,778.76	444.69	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	935.08	233.77	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	150.91	37.73	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,129.26	282.32	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	4,911.09	1227.77	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	9,096.37	2274.09	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	14,440.07	3610.02	27.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	21,010.00	5252.50	40.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	29,075.49	7268.87	55.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	38,309.34	9577.34	73.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	45,457.06	11364.26	86.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	46,896.70	11724.18	89.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	44,921.91	11230.48	85.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	43,612.00	11775.24	83.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:02 PM	43,206.46	6048.90	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	45,778.90	5035.68	87.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	39,274.94	9033.24	75.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	32,926.37	8231.59	62.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	28,098.79	7024.70	53.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	24,290.10	6072.52	46.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	21,108.44	5277.11	40.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	18,426.60	4606.65	35.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	16,127.74	4031.93	30.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	14,128.52	3532.13	27.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	12,348.72	3087.18	23.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10,751.89	2687.97	20.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	9,298.49	2324.62	17.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	7,963.81	1990.95	15.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	6,721.63	1680.41	12.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,569.92	1392.48	10.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	4,483.94	1120.99	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,537.01	884.25	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,612.85	653.21	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,743.21	435.80	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	880.69	220.17	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	79.01	19.75	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	951.46	237.86	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	4,542.26	1135.56	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	8,767.45	2191.86	16.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	14,720.31	3680.08	28.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	22,196.44	5549.11	42.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	31,577.42	7894.36	60.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	43,204.53	10801.13	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	49,480.91	12370.23	94.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	48,514.44	12128.61	92.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	46,867.94	11716.99	89.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	45,682.18	8679.61	87.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:52 PM	45,650.95	2739.06	87.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	44,500.58	2670.03	85.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	40,778.29	7747.88	77.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	34,538.13	8634.53	66.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	29,199.31	7299.83	55.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	25,126.99	6281.75	48.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	21,782.01	5445.50	41.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	18,959.21	4739.80	36.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	16,554.13	4138.53	31.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	14,466.25	3616.56	27.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	12,621.63	3155.41	24.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10,968.25	2742.06	21.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	9,469.31	2367.33	18.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	8,093.41	2023.35	15.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	6,815.85	1703.96	13.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,632.90	1408.22	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	4,515.91	1128.98	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,538.92	884.73	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,588.50	647.13	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,693.03	423.26	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	809.94	202.49	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1.96	0.49	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	707.64	176.91	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	4,160.47	1040.12	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	8,689.77	2172.44	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	15,518.26	3879.56	29.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	24,232.05	6058.01	46.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	35,274.18	8818.55	67.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	46,603.28	11650.82	89.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	51,417.27	12854.32	98.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	49,985.98	12496.49	95.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	48,751.49	11212.84	93.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:42 PM	48,236.99	5306.07	92.1%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	42,638.33	5542.98	81.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	35,991.03	8997.76	68.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	30,505.31	7626.33	58.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	25,999.90	6499.98	49.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	22,482.56	5620.64	42.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	19,516.45	4879.11	37.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	16,995.26	4248.81	32.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	14,811.17	3702.79	28.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	12,898.92	3224.73	24.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	11,186.15	2796.54	21.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	9,639.11	2409.78	18.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	8,219.40	2054.85	15.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	6,904.67	1726.17	13.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,688.63	1422.16	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	4,541.87	1135.47	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,530.87	882.72	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,551.88	637.97	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,628.97	407.24	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	724.34	181.09	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	499.76	124.94	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	3,980.78	995.19	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	9,295.47	2323.87	17.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	17,367.01	4341.75	33.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	27,772.47	6943.12	53.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	40,144.65	10036.16	76.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	47,448.68	11862.17	90.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	50,428.38	12607.09	96.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	51,399.61	13877.90	98.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:31 PM	50,336.53	7047.11	96.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	40,791.77	3263.34	77.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	37,083.40	7787.51	70.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	31,816.32	7954.08	60.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	27,017.74	6754.44	51.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	23,201.02	5800.26	44.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	20,089.80	5022.45	38.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	17,448.97	4362.24	33.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	15,162.27	3790.57	29.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	13,178.29	3294.57	25.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	11,403.67	2850.92	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	9,805.87	2451.47	18.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	8,341.40	2085.35	15.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	6,988.32	1747.08	13.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,737.14	1434.28	11.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	4,561.07	1140.27	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,513.09	878.27	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,503.59	625.90	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,550.94	387.73	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	623.49	155.87	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	403.73	100.93	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	4,428.06	1107.01	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	10,941.72	2735.43	20.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	20,679.45	5169.86	39.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	33,268.42	8317.11	63.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	43,544.92	10886.23	83.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	48,893.31	12223.33	93.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	51,189.70	12797.43	97.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	52,337.17	9420.69	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:21 PM	52,082.97	2604.15	99.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	40,297.20	805.94	77.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	38,720.07	5808.01	74.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	33,815.93	8453.98	64.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	29,063.67	7265.92	55.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	24,497.08	6124.27	46.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	20,869.98	5217.49	39.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	17,973.81	4493.45	34.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	15,529.13	3882.28	29.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	13,466.70	3366.68	25.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	11,627.52	2906.88	22.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	9,976.37	2494.09	19.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	8,465.08	2116.27	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	7,071.44	1767.86	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,783.50	1445.88	11.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	4,576.97	1144.24	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,490.08	872.52	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,447.49	611.87	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,463.54	365.89	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	512.44	128.11	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	380.49	95.12	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	5,280.99	1320.25	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	13,521.05	3380.26	25.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	25,838.08	6459.52	49.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	38,539.94	9634.99	73.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	46,833.96	11708.49	89.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	52,215.81	13053.95	99.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	52,298.27	10982.64	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:09 PM	52,337.31	4186.99	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	43,395.19	4339.52	82.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	38,744.69	8523.83	74.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	33,955.31	8488.83	64.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	28,317.50	7079.38	54.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	23,199.91	5799.98	44.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	19,670.69	4917.67	37.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	16,839.99	4210.00	32.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	14,509.58	3627.39	27.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	12,412.04	3103.01	23.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10,598.43	2649.61	20.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	8,899.41	2224.85	17.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	7,394.94	1848.74	14.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,956.83	1489.21	11.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	4,670.49	1167.62	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	3,463.97	865.99	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,386.14	596.53	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,368.57	342.14	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	394.39	98.60	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	293.99	73.50	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	6,541.85	1635.46	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	17,108.78	4277.20	32.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	31,286.47	7821.62	59.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	42,116.67	10529.17	80.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	52,128.51	13032.13	99.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	52,337.35	12037.59	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:58 PM	52,337.26	5757.10	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	46,138.42	1845.54	88.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	44,005.17	7480.88	84.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	39,038.56	9759.64	74.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	34,348.19	8587.05	65.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	28,441.50	7110.38	54.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	23,643.63	5910.91	45.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	19,586.90	4896.72	37.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	16,465.72	4116.43	31.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	13,741.24	3435.31	26.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	11,706.24	2926.56	22.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	9,862.01	2465.50	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	8,253.37	2063.34	15.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	6,719.42	1679.86	12.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	5,363.08	1340.77	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	4,062.52	1015.63	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,871.28	717.82	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,666.60	416.65	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	591.38	147.85	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	204.98	51.24	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	159.04	39.76	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	98.10	24.53	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	68.20	17.05	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	28.72	7.18	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	11.73	2.93	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	67.09	16.77	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	8,071.56	2017.89	15.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	21,421.56	5355.39	40.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	34,323.83	8580.96	65.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	47,784.23	11946.06	91.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	52,337.24	14131.06	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:47 PM	52,337.22	7327.21	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	48,407.36	5808.88	92.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	43,465.12	10431.63	83.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	39,472.22	9868.05	75.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	34,058.74	8514.69	65.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	28,599.96	7149.99	54.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	23,641.23	5910.31	45.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	19,907.90	4976.98	38.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	16,657.74	4164.43	31.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	14,067.49	3516.87	26.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	11,667.19	2916.80	22.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	9,704.88	2426.22	18.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	7,778.41	1944.60	14.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,249.11	1562.28	11.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	4,823.24	1205.81	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	3,492.38	873.09	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,120.46	530.11	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	936.78	234.20	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	568.73	142.18	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	450.02	112.51	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	322.92	80.73	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	231.63	57.91	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	130.90	32.73	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	46.84	11.71	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	9,750.53	2437.63	18.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	23,694.19	5923.55	45.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	38,406.44	9601.61	73.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	50,530.55	12632.64	96.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	52,337.19	9944.07	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:37 PM	52,337.26	3140.24	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	50,301.67	3018.10	96.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	47,814.49	8606.61	91.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	43,314.13	10828.53	82.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	39,432.48	9858.12	75.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	33,895.34	8473.84	64.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	28,225.33	7056.33	53.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	23,715.78	5928.94	45.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	19,921.12	4980.28	38.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	16,955.78	4238.94	32.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	14,233.99	3558.50	27.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12,050.33	3012.58	23.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9,941.26	2485.32	19.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	8,210.27	2052.57	15.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	6,458.97	1614.74	12.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	4,901.31	1225.33	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	3,223.39	805.85	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,852.96	463.24	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,300.40	325.10	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,068.21	267.05	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	761.67	190.42	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	608.79	152.20	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	376.97	94.24	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	244.33	61.08	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	149.43	37.36	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	190.29	47.57	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	173.47	43.37	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	281.99	70.50	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	320.21	80.05	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	557.28	139.32	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	701.49	175.37	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,056.89	264.22	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	1,281.58	320.39	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	1,707.90	426.97	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	12,117.37	3029.34	23.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	27,157.03	6789.26	51.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	43,176.97	10794.24	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	50,000.17	11000.04	95.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:27 PM	52,337.21	5233.72	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	51,502.84	6695.37	98.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	47,178.50	11794.63	90.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	43,326.86	10831.72	82.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	39,177.03	9794.26	74.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	33,249.72	8312.43	63.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	28,005.58	7001.39	53.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	23,509.28	5877.32	44.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	20,098.33	5024.58	38.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	17,010.03	4252.51	32.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	14,553.45	3638.36	27.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	12,236.57	3059.14	23.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10,353.76	2588.44	19.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	8,460.24	2115.06	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	6,755.18	1688.80	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	4,956.03	1239.01	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	3,486.15	871.54	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,917.13	729.28	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,642.60	660.65	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,265.15	566.29	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,088.42	522.10	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,784.58	446.14	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,680.50	420.13	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,596.44	399.11	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,743.88	435.97	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,775.95	443.99	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,015.07	503.77	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	2,152.19	538.05	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	2,515.06	628.77	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	2,794.26	698.57	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,338.59	834.65	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	3,778.89	944.72	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	4,464.83	1116.21	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	13,626.90	3406.73	26.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	31,314.24	7828.56	59.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	44,230.29	11057.57	84.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	51,034.97	7655.24	97.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:18 PM	51,753.10	1552.59	98.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	52,148.83	3650.42	99.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	50,502.01	9595.38	96.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	46,540.75	11635.19	88.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	43,519.13	10879.78	83.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	38,385.72	9596.43	73.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	32,720.28	8180.07	62.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	27,738.85	6934.71	53.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	23,501.63	5875.41	44.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	19,987.10	4996.77	38.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	17,216.65	4304.16	32.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	14,631.24	3657.81	27.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	12,578.05	3144.51	24.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	10,530.65	2632.66	20.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	8,664.03	2166.01	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	6,739.94	1684.98	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	5,165.56	1291.39	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	4,537.94	1134.48	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	4,218.93	1054.73	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	3,806.29	951.57	7.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	3,608.85	902.21	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,285.48	821.37	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,204.42	801.10	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,172.51	793.13	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,376.42	844.11	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,473.05	868.26	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,805.13	951.28	7.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,044.37	1011.09	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,543.51	1135.88	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,980.80	1245.20	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	5,756.20	1439.05	11.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	6,544.99	1636.25	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,629.92	1907.48	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	15,602.66	3900.66	29.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	33,840.06	8460.01	64.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	44,798.47	9407.68	85.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:10 PM	50,239.22	4521.53	96.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	52,337.26	523.37	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	52,324.53	6802.19	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	49,514.85	12378.71	94.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	46,303.22	11575.80	88.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	43,149.22	10787.31	82.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	37,823.59	9455.90	72.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	32,306.94	8076.74	61.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	28,151.42	7037.85	53.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	23,689.08	5922.27	45.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	20,094.90	5023.72	38.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	17,143.01	4285.75	32.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	14,859.44	3714.86	28.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	12,627.86	3156.97	24.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	10,609.05	2652.26	20.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	8,556.75	2139.19	16.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,871.60	1717.90	13.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	6,135.07	1533.77	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	5,767.11	1441.78	11.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	5,318.62	1329.65	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	5,098.46	1274.61	9.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	4,754.19	1188.55	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	4,704.58	1176.14	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	4,720.26	1180.07	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	4,984.92	1246.23	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	5,149.71	1287.43	9.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	5,578.23	1394.56	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	5,922.28	1480.57	11.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	6,568.90	1642.22	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	7,181.20	1795.30	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	8,217.27	2054.32	15.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	9,432.32	2358.08	18.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	11,090.26	2772.57	21.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	19,363.57	4840.89	37.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	34,609.54	8652.39	66.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	46,101.06	6915.16	88.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:03 PM	48,105.53	1443.17	91.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	52,337.35	4186.99	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	51,922.43	10384.49	99.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	48,778.85	12194.71	93.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	46,029.34	11507.34	87.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	42,611.26	10652.82	81.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	36,986.47	9246.62	70.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	32,215.91	8053.98	61.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	27,892.13	6973.03	53.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	24,154.94	6038.73	46.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	20,340.97	5085.24	38.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	17,384.63	4346.16	33.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	14,706.83	3676.71	28.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12,545.66	3136.41	24.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	10,362.40	2590.60	19.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	8,564.81	2141.20	16.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,667.47	1916.87	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	7,243.22	1810.81	13.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	6,754.40	1688.60	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	6,511.73	1627.93	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	6,144.68	1536.17	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	6,125.02	1531.26	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	6,182.63	1545.66	11.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	6,508.35	1627.09	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	6,739.89	1684.97	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	7,261.60	1815.40	13.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	7,709.44	1927.36	14.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	8,504.70	2126.18	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	9,295.26	2323.82	17.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	10,588.45	2647.11	20.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	12,686.49	3171.62	24.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	16,792.63	4198.16	32.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	23,957.72	5989.43	45.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	34,000.39	7820.09	64.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:57 PM	43,920.88	4831.30	83.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	52,337.26	1046.75	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	52,337.24	7850.59	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	50,957.92	12739.48	97.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	48,033.13	12008.28	91.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	45,837.58	11459.39	87.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	41,344.67	10336.17	79.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	36,233.44	9058.36	69.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	31,526.33	7881.58	60.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	27,763.99	6941.00	53.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	23,992.46	5998.11	45.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	20,769.53	5192.38	39.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	17,295.26	4323.82	33.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	14,595.39	3648.85	27.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	12,123.11	3030.78	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	10,210.54	2552.64	19.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	9,093.88	2273.47	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,602.28	2150.57	16.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	8,071.58	2017.89	15.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	7,802.94	1950.73	14.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	7,411.03	1852.76	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	7,407.71	1851.93	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	7,498.35	1874.59	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	7,878.32	1969.58	15.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	8,166.08	2041.52	15.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	8,769.10	2192.27	16.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	9,305.44	2326.36	17.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	10,222.21	2555.55	19.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	11,192.85	2798.21	21.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	13,365.40	3341.35	25.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	16,745.00	4186.25	32.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	22,797.21	5699.30	43.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	29,173.22	7293.31	55.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	33,544.95	6708.99	64.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	39,690.99	3175.28	75.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	52,337.17	4710.35	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	52,294.67	10981.88	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	49,799.17	12449.79	95.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	47,524.40	11881.10	90.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	44,761.23	11190.31	85.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	39,991.65	9997.91	76.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	34,855.17	8713.79	66.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	31,065.50	7766.38	59.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	27,022.42	6755.61	51.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	23,874.77	5968.69	45.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	20,062.78	5015.70	38.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	16,869.03	4217.26	32.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	13,967.19	3491.80	26.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	11,761.09	2940.27	22.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	10,358.53	2589.63	19.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9,811.97	2452.99	18.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,275.94	2318.99	17.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	8,958.85	2239.71	17.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	8,503.08	2125.77	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	8,491.47	2122.87	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	8,601.03	2150.26	16.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	9,018.15	2254.54	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	9,344.03	2336.01	17.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	10,001.00	2500.25	19.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	10,601.66	2650.41	20.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	11,619.53	2904.88	22.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	12,787.88	3196.97	24.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	15,709.12	3927.28	30.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	20,392.17	5098.04	39.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	27,526.03	6881.51	52.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	33,855.63	8463.91	64.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	33,614.58	6050.62	64.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	36,983.11	1849.16	70.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	52,337.35	2093.49	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	52,337.26	8897.33	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	51,289.39	12822.35	98.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	48,842.84	12210.71	93.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	46,810.32	11702.58	89.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	43,149.08	10787.27	82.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	37,856.38	9464.10	72.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	33,646.58	8411.65	64.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	29,913.43	7478.36	57.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	26,461.55	6615.39	50.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	22,633.98	5658.49	43.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	18,995.18	4748.80	36.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	15,683.33	3920.83	30.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	13,181.83	3295.46	25.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	11,399.51	2849.88	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10,736.20	2684.05	20.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	10,109.43	2527.36	19.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	9,793.67	2448.42	18.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	9,363.21	2340.80	17.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	9,312.49	2328.12	17.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	9,419.99	2355.00	18.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	9,851.90	2462.97	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	10,198.97	2549.74	19.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	10,891.88	2722.97	20.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	11,533.91	2883.48	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	12,619.63	3154.91	24.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,939.93	3484.98	26.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	17,096.84	4274.21	32.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	22,356.12	5589.03	42.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	30,424.07	7606.02	58.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	37,475.72	9368.93	71.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	34,235.95	5820.11	65.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	36,027.31	1801.37	68.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	52,337.28	6280.47	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	52,167.84	13041.96	99.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	48,945.53	12236.38	93.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	47,460.47	11865.12	90.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	44,678.01	11169.50	85.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	40,315.35	10078.84	77.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	35,445.21	8861.30	67.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	31,948.77	7987.19	61.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	28,669.50	7167.38	54.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	24,778.11	6194.53	47.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	20,811.04	5202.76	39.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	17,165.42	4291.36	32.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	14,400.94	3600.23	27.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12,166.46	3041.61	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	11,438.99	2859.75	21.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	10,767.28	2691.82	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,414.43	2603.61	19.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	9,945.72	2486.43	19.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	9,832.77	2458.19	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	9,912.81	2478.20	18.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	10,346.26	2586.56	19.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	10,694.46	2673.61	20.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	11,395.25	2848.81	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	12,046.70	3011.68	23.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	13,198.07	3299.52	25.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	14,521.06	3630.27	27.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	17,478.06	4369.51	33.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	22,745.34	5686.34	43.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	31,484.88	7871.22	60.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	39,960.33	9990.08	76.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	35,681.72	6422.71	68.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:52 PM	36,044.19	2162.65	68.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	52,337.34	4186.99	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	52,337.28	10990.83	100.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	50,682.12	12670.53	96.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	48,407.81	12101.95	92.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	46,441.16	11610.29	88.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	42,010.73	10502.68	80.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	37,246.40	9311.60	71.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	33,147.06	8286.77	63.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	29,984.55	7496.14	57.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	26,242.27	6560.57	50.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	22,126.42	5531.61	42.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	18,239.07	4559.77	34.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	15,295.92	3823.98	29.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	12,651.53	3162.88	24.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	11,832.40	2958.10	22.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	11,089.49	2772.37	21.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,712.26	2678.06	20.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	10,220.70	2555.18	19.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	10,042.86	2510.72	19.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	10,064.21	2516.05	19.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	10,480.33	2620.08	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	10,811.69	2702.92	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	11,493.38	2873.34	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	12,122.50	3030.63	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	13,250.59	3312.65	25.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	14,516.64	3629.16	27.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	17,062.74	4265.68	32.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	21,908.38	5477.09	41.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	30,739.97	7684.99	58.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	40,303.30	10075.82	77.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	37,074.38	7785.62	70.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	36,216.47	2897.32	69.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

APPENDIX 6: SHADOW CALCULATIONS FOR CHINA BASIN PARK (EXISTING)

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

APPENDIX 7: SHADOW CALCULATIONS FOR THE EXPANDED CHINA BASIN PARK & PIER 48 (PROPOSED BY PROJECT)

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	1,018.01	111.98	0.5%	9,906.07	1089.67	4.7%	9,906.07	1089.67	4.7%
7:00 AM	1,262.35	290.34	0.6%	7,651.36	1759.81	3.6%	7,651.36	1759.81	3.6%
7:15 AM	1,430.48	357.62	0.7%	7,549.70	1887.42	3.6%	7,549.70	1887.42	3.6%
7:30 AM	1,495.51	373.88	0.7%	7,212.54	1803.13	3.4%	7,212.54	1803.13	3.4%
7:45 AM	1,495.51	373.88	0.7%	8,265.07	2066.27	3.9%	8,265.07	2066.27	3.9%
8:00 AM	1,468.84	367.21	0.7%	9,243.09	2310.77	4.4%	9,243.09	2310.77	4.4%
8:15 AM	1,435.84	358.96	0.7%	9,975.30	2493.83	4.7%	9,975.30	2493.83	4.7%
8:30 AM	1,390.95	347.74	0.7%	10,322.29	2580.57	4.9%	10,322.29	2580.57	4.9%
8:45 AM	1,338.90	334.72	0.6%	10,566.50	2641.62	5.0%	10,566.50	2641.62	5.0%
9:00 AM	1,279.23	319.81	0.6%	10,825.76	2706.44	5.1%	10,825.76	2706.44	5.1%
9:15 AM	1,219.17	304.79	0.6%	11,014.40	2753.60	5.2%	11,014.40	2753.60	5.2%
9:30 AM	1,152.03	288.01	0.5%	11,110.49	2777.62	5.2%	11,110.49	2777.62	5.2%
9:45 AM	1,087.51	271.88	0.5%	11,211.01	2802.75	5.3%	11,211.01	2802.75	5.3%
10:00 AM	1,015.09	253.77	0.5%	11,292.19	2823.05	5.3%	11,292.19	2823.05	5.3%
10:15 AM	948.67	237.17	0.4%	11,314.98	2828.74	5.3%	11,314.98	2828.74	5.3%
10:30 AM	871.77	217.94	0.4%	12,517.85	3129.46	5.9%	12,517.85	3129.46	5.9%
10:45 AM	803.10	200.78	0.4%	13,824.80	3456.20	6.5%	13,824.80	3456.20	6.5%
11:00 AM	723.20	180.80	0.3%	14,904.02	3726.01	7.0%	14,904.02	3726.01	7.0%
11:15 AM	653.33	163.33	0.3%	16,219.79	4054.95	7.7%	16,219.79	4054.95	7.7%
11:30 AM	569.41	142.35	0.3%	17,080.73	4270.18	8.1%	17,080.73	4270.18	8.1%
11:45 AM	499.40	124.85	0.2%	17,553.92	4388.48	8.3%	17,553.92	4388.48	8.3%
12:00 PM	410.79	102.70	0.2%	15,740.93	3935.23	7.4%	15,740.93	3935.23	7.4%
12:15 PM	339.22	84.81	0.2%	14,350.62	3587.65	6.8%	14,350.62	3587.65	6.8%
12:30 PM	246.45	61.61	0.1%	12,500.83	3125.21	5.9%	12,500.83	3125.21	5.9%
12:45 PM	178.05	44.51	0.1%	11,224.84	2806.21	5.3%	11,224.84	2806.21	5.3%
1:00 PM	104.91	26.23	0.0%	10,121.08	2530.27	4.8%	10,121.08	2530.27	4.8%
1:15 PM	65.96	16.49	0.0%	11,174.37	2793.59	5.3%	11,174.37	2793.59	5.3%
1:30 PM	33.45	8.36	0.0%	12,265.15	3066.29	5.8%	12,265.15	3066.29	5.8%
1:45 PM	15.95	3.99	0.0%	14,006.76	3501.69	6.6%	14,006.76	3501.69	6.6%
2:00 PM	10.08	2.52	0.0%	14,949.99	3737.50	7.1%	14,949.99	3737.50	7.1%
2:15 PM	19.97	4.99	0.0%	16,459.52	4114.88	7.8%	16,459.52	4114.88	7.8%
2:30 PM	33.66	8.42	0.0%	17,428.99	4357.25	8.2%	17,428.99	4357.25	8.2%
2:45 PM	49.32	12.33	0.0%	19,126.67	4781.67	9.0%	19,126.67	4781.67	9.0%
3:00 PM	69.07	17.27	0.0%	20,998.95	5249.74	9.9%	20,998.95	5249.74	9.9%
3:15 PM	91.48	22.87	0.0%	24,718.05	6179.51	11.7%	24,718.05	6179.51	11.7%
3:30 PM	118.76	29.69	0.1%	25,942.26	6485.56	12.2%	25,942.26	6485.56	12.2%
3:45 PM	150.96	37.74	0.1%	25,883.56	6470.89	12.2%	25,883.56	6470.89	12.2%
4:00 PM	198.10	49.53	0.1%	25,303.86	6325.96	11.9%	25,303.86	6325.96	11.9%
4:15 PM	254.31	63.58	0.1%	24,700.98	6175.24	11.7%	24,700.98	6175.24	11.7%
4:30 PM	323.59	80.90	0.2%	23,452.22	5863.05	11.1%	23,452.22	5863.05	11.1%
4:45 PM	406.58	101.64	0.2%	22,069.04	5517.26	10.4%	22,069.04	5517.26	10.4%
5:00 PM	507.41	126.85	0.2%	20,249.64	5062.41	9.6%	20,249.64	5062.41	9.6%
5:15 PM	624.70	156.18	0.3%	18,376.53	4594.13	8.7%	18,376.53	4594.13	8.7%
5:30 PM	763.46	190.87	0.4%	16,622.83	4155.71	7.8%	16,622.83	4155.71	7.8%
5:45 PM	927.28	231.82	0.4%	14,565.18	3641.29	6.9%	14,565.18	3641.29	6.9%
6:00 PM	1,131.49	282.87	0.5%	13,404.82	3351.20	6.3%	13,404.82	3351.20	6.3%
6:15 PM	1,384.44	346.11	0.7%	12,038.31	3009.58	5.7%	12,038.31	3009.58	5.7%
6:30 PM	1,674.07	418.52	0.8%	11,350.11	2837.53	5.4%	11,350.11	2837.53	5.4%
6:45 PM	2,016.21	504.05	1.0%	11,780.84	2945.21	5.6%	11,780.84	2945.21	5.6%
7:00 PM	3,166.77	791.69	1.5%	11,674.11	2918.53	5.5%	11,674.11	2918.53	5.5%
7:15 PM	9,835.15	2950.54	4.6%	10,686.66	3206.00	5.0%	10,686.66	3206.00	5.0%
7:36 PM	39,810.55	7165.90	18.8%	10,535.00	1896.30	5.0%	10,535.00	1896.30	5.0%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	1,059.05	105.90	0.5%	9,955.04	995.50	4.7%	9,955.04	995.50	4.7%
7:00 AM	1,269.64	279.32	0.6%	10,062.04	2213.65	4.7%	10,062.04	2213.65	4.7%
7:15 AM	1,450.96	362.74	0.7%	10,200.45	2550.11	4.8%	10,200.45	2550.11	4.8%
7:30 AM	1,520.49	380.12	0.7%	10,336.47	2584.12	4.9%	10,336.47	2584.12	4.9%
7:45 AM	1,522.15	380.54	0.7%	10,467.78	2616.95	4.9%	10,467.78	2616.95	4.9%
8:00 AM	1,496.15	374.04	0.7%	10,599.92	2649.98	5.0%	10,599.92	2649.98	5.0%
8:15 AM	1,461.04	365.26	0.7%	10,729.22	2682.30	5.1%	10,729.22	2682.30	5.1%
8:30 AM	1,414.99	353.75	0.7%	10,858.22	2714.56	5.1%	10,858.22	2714.56	5.1%
8:45 AM	1,362.00	340.50	0.6%	10,990.47	2747.62	5.2%	10,990.47	2747.62	5.2%
9:00 AM	1,302.42	325.60	0.6%	11,123.60	2780.90	5.3%	11,123.60	2780.90	5.3%
9:15 AM	1,240.88	310.22	0.6%	11,219.26	2804.82	5.3%	11,219.26	2804.82	5.3%
9:30 AM	1,172.34	293.09	0.6%	11,236.07	2809.02	5.3%	11,236.07	2809.02	5.3%
9:45 AM	1,107.85	276.96	0.5%	11,280.67	2820.17	5.3%	11,280.67	2820.17	5.3%
10:00 AM	1,034.44	258.61	0.5%	11,336.87	2834.22	5.4%	11,336.87	2834.22	5.4%
10:15 AM	966.44	241.61	0.5%	11,301.71	2825.43	5.3%	11,301.71	2825.43	5.3%
10:30 AM	889.52	222.38	0.4%	12,511.28	3127.82	5.9%	12,511.28	3127.82	5.9%
10:45 AM	820.36	205.09	0.4%	13,824.93	3456.23	6.5%	13,824.93	3456.23	6.5%
11:00 AM	739.66	184.91	0.3%	14,913.19	3728.30	7.0%	14,913.19	3728.30	7.0%
11:15 AM	669.70	167.43	0.3%	16,238.15	4059.54	7.7%	16,238.15	4059.54	7.7%
11:30 AM	585.70	146.43	0.3%	17,210.76	4302.69	8.1%	17,210.76	4302.69	8.1%
11:45 AM	514.75	128.69	0.2%	17,785.79	4446.45	8.4%	17,785.79	4446.45	8.4%
12:00 PM	426.44	106.61	0.2%	16,076.37	4019.09	7.6%	16,076.37	4019.09	7.6%
12:15 PM	354.53	88.63	0.2%	14,688.55	3672.14	6.9%	14,688.55	3672.14	6.9%
12:30 PM	261.38	65.35	0.1%	12,841.41	3210.35	6.1%	12,841.41	3210.35	6.1%
12:45 PM	190.73	47.68	0.1%	11,559.21	2889.80	5.5%	11,559.21	2889.80	5.5%
1:00 PM	113.73	28.43	0.1%	10,346.66	2586.66	4.9%	10,346.66	2586.66	4.9%
1:15 PM	70.65	17.66	0.0%	11,198.22	2799.56	5.3%	11,198.22	2799.56	5.3%
1:30 PM	36.75	9.19	0.0%	12,303.48	3075.87	5.8%	12,303.48	3075.87	5.8%
1:45 PM	17.93	4.48	0.0%	14,059.40	3514.85	6.6%	14,059.40	3514.85	6.6%
2:00 PM	10.10	2.53	0.0%	15,017.99	3754.50	7.1%	15,017.99	3754.50	7.1%
2:15 PM	18.79	4.70	0.0%	16,545.42	4136.36	7.8%	16,545.42	4136.36	7.8%
2:30 PM	32.24	8.06	0.0%	17,505.86	4376.46	8.3%	17,505.86	4376.46	8.3%
2:45 PM	47.44	11.86	0.0%	19,162.43	4790.61	9.0%	19,162.43	4790.61	9.0%
3:00 PM	66.95	16.74	0.0%	20,952.26	5238.07	9.9%	20,952.26	5238.07	9.9%
3:15 PM	88.96	22.24	0.0%	24,670.23	6167.56	11.6%	24,670.23	6167.56	11.6%
3:30 PM	115.79	28.95	0.1%	26,205.54	6551.39	12.4%	26,205.52	6551.38	12.4%
3:45 PM	147.50	36.87	0.1%	26,188.34	6547.08	12.4%	26,188.34	6547.08	12.4%
4:00 PM	192.80	48.20	0.1%	25,634.40	6408.60	12.1%	25,634.40	6408.60	12.1%
4:15 PM	248.01	62.00	0.1%	25,069.33	6267.33	11.8%	25,069.33	6267.33	11.8%
4:30 PM	316.25	79.06	0.1%	23,844.88	5961.22	11.3%	23,844.88	5961.22	11.3%
4:45 PM	397.87	99.47	0.2%	22,497.38	5624.35	10.6%	22,497.38	5624.35	10.6%
5:00 PM	497.44	124.36	0.2%	20,701.97	5175.49	9.8%	20,701.97	5175.49	9.8%
5:15 PM	613.31	153.33	0.3%	18,751.56	4687.89	8.9%	18,751.56	4687.89	8.9%
5:30 PM	750.22	187.56	0.4%	17,006.36	4251.59	8.0%	17,006.36	4251.59	8.0%
5:45 PM	911.98	227.99	0.4%	14,997.08	3749.27	7.1%	14,997.08	3749.27	7.1%
6:00 PM	1,112.57	278.14	0.5%	13,489.41	3372.35	6.4%	13,489.41	3372.35	6.4%
6:15 PM	1,363.90	340.98	0.6%	12,279.62	3069.91	5.8%	12,279.62	3069.91	5.8%
6:30 PM	1,652.63	413.16	0.8%	11,345.29	2836.32	5.4%	11,345.29	2836.32	5.4%
6:45 PM	1,986.70	496.68	0.9%	11,638.52	2909.63	5.5%	11,638.52	2909.63	5.5%
7:00 PM	2,968.31	742.08	1.4%	11,735.33	2933.83	5.5%	11,735.33	2933.83	5.5%
7:15 PM	9,048.05	2714.41	4.3%	11,263.70	3379.11	5.3%	11,263.70	3379.11	5.3%
7:36 PM	39,568.01	7122.24	18.7%	10,191.66	1834.50	4.8%	10,191.66	1834.50	4.8%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	1,193.73	71.62	0.6%	10,000.39	600.02	4.7%	10,000.39	600.02	4.7%
7:00 AM	1,348.81	256.27	0.6%	10,076.86	1914.60	4.8%	10,076.86	1914.60	4.8%
7:15 AM	1,538.07	384.52	0.7%	10,216.77	2554.19	4.8%	10,216.77	2554.19	4.8%
7:30 AM	1,608.03	402.01	0.8%	10,352.58	2588.15	4.9%	10,352.58	2588.15	4.9%
7:45 AM	1,604.81	401.20	0.8%	10,485.28	2621.32	4.9%	10,485.28	2621.32	4.9%
8:00 AM	1,571.71	392.93	0.7%	10,617.45	2654.36	5.0%	10,617.45	2654.36	5.0%
8:15 AM	1,534.29	383.57	0.7%	10,747.18	2686.79	5.1%	10,747.18	2686.79	5.1%
8:30 AM	1,483.18	370.79	0.7%	10,877.01	2719.25	5.1%	10,877.01	2719.25	5.1%
8:45 AM	1,424.99	356.25	0.7%	11,010.12	2752.53	5.2%	11,010.12	2752.53	5.2%
9:00 AM	1,360.02	340.00	0.6%	11,142.95	2785.74	5.3%	11,142.95	2785.74	5.3%
9:15 AM	1,295.32	323.83	0.6%	11,262.41	2815.60	5.3%	11,262.41	2815.60	5.3%
9:30 AM	1,223.83	305.96	0.6%	11,277.88	2819.47	5.3%	11,277.88	2819.47	5.3%
9:45 AM	1,155.97	288.99	0.5%	11,320.04	2830.01	5.3%	11,320.04	2830.01	5.3%
10:00 AM	1,080.22	270.06	0.5%	11,377.29	2844.32	5.4%	11,377.29	2844.32	5.4%
10:15 AM	1,009.67	252.42	0.5%	11,551.33	2887.83	5.5%	11,551.33	2887.83	5.5%
10:30 AM	929.61	232.40	0.4%	12,770.09	3192.52	6.0%	12,770.09	3192.52	6.0%
10:45 AM	858.50	214.63	0.4%	14,096.90	3524.23	6.7%	14,096.90	3524.23	6.7%
11:00 AM	775.82	193.95	0.4%	15,203.07	3800.77	7.2%	15,203.07	3800.77	7.2%
11:15 AM	704.47	176.12	0.3%	16,570.13	4142.53	7.8%	16,570.13	4142.53	7.8%
11:30 AM	618.70	154.67	0.3%	17,679.30	4419.83	8.3%	17,679.30	4419.83	8.3%
11:45 AM	546.52	136.63	0.3%	18,301.46	4575.36	8.6%	18,301.46	4575.36	8.6%
12:00 PM	456.97	114.24	0.2%	16,768.08	4192.02	7.9%	16,768.08	4192.02	7.9%
12:15 PM	383.63	95.91	0.2%	15,415.75	3853.94	7.3%	15,415.75	3853.94	7.3%
12:30 PM	289.63	72.41	0.1%	13,552.64	3388.16	6.4%	13,552.64	3388.16	6.4%
12:45 PM	215.04	53.76	0.1%	12,246.25	3061.56	5.8%	12,246.25	3061.56	5.8%
1:00 PM	131.15	32.79	0.1%	10,935.04	2733.76	5.2%	10,935.04	2733.76	5.2%
1:15 PM	80.97	20.24	0.0%	11,613.96	2903.49	5.5%	11,613.96	2903.49	5.5%
1:30 PM	42.67	10.67	0.0%	12,748.43	3187.11	6.0%	12,748.43	3187.11	6.0%
1:45 PM	21.71	5.43	0.0%	14,525.78	3631.44	6.9%	14,525.78	3631.44	6.9%
2:00 PM	11.18	2.79	0.0%	15,518.11	3879.53	7.3%	15,518.11	3879.53	7.3%
2:15 PM	17.69	4.42	0.0%	17,074.44	4268.61	8.1%	17,074.44	4268.61	8.1%
2:30 PM	31.09	7.77	0.0%	18,052.86	4513.21	8.5%	18,052.86	4513.21	8.5%
2:45 PM	45.70	11.42	0.0%	19,720.42	4930.10	9.3%	19,720.42	4930.10	9.3%
3:00 PM	64.78	16.20	0.0%	21,564.36	5391.09	10.2%	21,564.36	5391.09	10.2%
3:15 PM	86.25	21.56	0.0%	25,304.37	6326.09	11.9%	25,304.37	6326.09	11.9%
3:30 PM	112.89	28.22	0.1%	27,031.40	6757.85	12.8%	27,031.38	6757.84	12.8%
3:45 PM	144.12	36.03	0.1%	27,070.19	6767.55	12.8%	27,070.19	6767.55	12.8%
4:00 PM	187.60	46.90	0.1%	26,552.59	6638.15	12.5%	26,552.59	6638.15	12.5%
4:15 PM	242.19	60.55	0.1%	26,042.82	6510.71	12.3%	26,042.82	6510.71	12.3%
4:30 PM	309.92	77.48	0.1%	24,848.72	6212.18	11.7%	24,848.72	6212.18	11.7%
4:45 PM	391.00	97.75	0.2%	23,485.59	5871.40	11.1%	23,485.59	5871.40	11.1%
5:00 PM	490.31	122.58	0.2%	21,719.85	5429.96	10.3%	21,719.85	5429.96	10.3%
5:15 PM	605.72	151.43	0.3%	19,781.53	4945.38	9.3%	19,781.53	4945.38	9.3%
5:30 PM	742.29	185.57	0.4%	17,728.19	4432.05	8.4%	17,728.19	4432.05	8.4%
5:45 PM	903.96	225.99	0.4%	15,753.31	3938.33	7.4%	15,753.31	3938.33	7.4%
6:00 PM	1,105.25	276.31	0.5%	13,317.30	3329.33	6.3%	13,317.30	3329.33	6.3%
6:15 PM	1,359.83	339.96	0.6%	12,002.72	3000.68	5.7%	12,002.72	3000.68	5.7%
6:30 PM	1,652.44	413.11	0.8%	11,590.48	2897.62	5.5%	11,590.48	2897.62	5.5%
6:45 PM	1,989.46	497.37	0.9%	12,106.07	3026.52	5.7%	12,106.07	3026.52	5.7%
7:00 PM	2,941.75	735.44	1.4%	11,163.51	2790.88	5.3%	11,163.51	2790.88	5.3%
7:15 PM	9,038.26	2711.48	4.3%	10,682.61	3204.78	5.0%	10,682.61	3204.78	5.0%
7:36 PM	39,103.75	7038.68	18.5%	8,713.89	1568.50	4.1%	8,713.89	1568.50	4.1%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	1,437.05	43.11	0.7%	6,008.92	180.27	2.8%	6,008.92	180.27	2.8%
7:00 AM	1,510.49	226.57	0.7%	6,978.98	1046.85	3.3%	6,978.98	1046.85	3.3%
7:15 AM	1,707.55	426.89	0.8%	8,491.64	2122.91	4.0%	8,491.64	2122.91	4.0%
7:30 AM	1,767.21	441.80	0.8%	9,027.62	2256.91	4.3%	9,027.62	2256.91	4.3%
7:45 AM	1,750.06	437.51	0.8%	8,579.58	2144.90	4.0%	8,579.58	2144.90	4.0%
8:00 AM	1,708.30	427.07	0.8%	9,065.66	2266.41	4.3%	9,065.66	2266.41	4.3%
8:15 AM	1,658.95	414.74	0.8%	10,188.63	2547.16	4.8%	10,188.63	2547.16	4.8%
8:30 AM	1,597.52	399.38	0.8%	10,842.36	2710.59	5.1%	10,842.36	2710.59	5.1%
8:45 AM	1,531.16	382.79	0.7%	11,051.85	2762.96	5.2%	11,051.85	2762.96	5.2%
9:00 AM	1,457.64	364.41	0.7%	11,187.20	2796.80	5.3%	11,187.20	2796.80	5.3%
9:15 AM	1,385.24	346.31	0.7%	11,329.82	2832.46	5.3%	11,329.82	2832.46	5.3%
9:30 AM	1,307.75	326.94	0.6%	11,348.93	2837.23	5.4%	11,348.93	2837.23	5.4%
9:45 AM	1,233.67	308.42	0.6%	11,391.63	2847.91	5.4%	11,391.63	2847.91	5.4%
10:00 AM	1,151.81	287.95	0.5%	11,447.84	2861.96	5.4%	11,447.84	2861.96	5.4%
10:15 AM	1,076.90	269.22	0.5%	12,064.82	3016.21	5.7%	12,064.82	3016.21	5.7%
10:30 AM	992.49	248.12	0.5%	13,293.99	3323.50	6.3%	13,293.99	3323.50	6.3%
10:45 AM	917.90	229.48	0.4%	14,638.70	3659.67	6.9%	14,638.70	3659.67	6.9%
11:00 AM	831.49	207.87	0.4%	15,803.81	3950.95	7.5%	15,803.81	3950.95	7.5%
11:15 AM	757.43	189.36	0.4%	17,269.54	4317.38	8.2%	17,269.54	4317.38	8.2%
11:30 AM	668.60	167.15	0.3%	18,484.28	4621.07	8.7%	18,484.28	4621.07	8.7%
11:45 AM	594.41	148.60	0.3%	19,193.71	4798.43	9.1%	19,193.71	4798.43	9.1%
12:00 PM	502.56	125.64	0.2%	17,840.63	4460.16	8.4%	17,840.63	4460.16	8.4%
12:15 PM	427.22	106.80	0.2%	16,533.57	4133.39	7.8%	16,533.57	4133.39	7.8%
12:30 PM	331.66	82.92	0.2%	14,639.48	3659.87	6.9%	14,639.48	3659.87	6.9%
12:45 PM	254.17	63.54	0.1%	13,283.45	3320.86	6.3%	13,283.45	3320.86	6.3%
1:00 PM	160.31	40.08	0.1%	11,879.77	2969.94	5.6%	11,879.77	2969.94	5.6%
1:15 PM	99.20	24.80	0.0%	12,423.93	3105.98	5.9%	12,423.93	3105.98	5.9%
1:30 PM	51.06	12.76	0.0%	13,603.45	3400.86	6.4%	13,603.45	3400.86	6.4%
1:45 PM	27.55	6.89	0.0%	15,405.16	3851.29	7.3%	15,405.16	3851.29	7.3%
2:00 PM	13.64	3.41	0.0%	16,444.11	4111.03	7.8%	16,444.11	4111.03	7.8%
2:15 PM	17.26	4.32	0.0%	18,043.02	4510.76	8.5%	18,043.02	4510.76	8.5%
2:30 PM	29.89	7.47	0.0%	19,072.58	4768.15	9.0%	19,072.58	4768.15	9.0%
2:45 PM	44.01	11.00	0.0%	20,810.28	5202.57	9.8%	20,810.28	5202.57	9.8%
3:00 PM	62.50	15.63	0.0%	22,734.35	5683.59	10.7%	22,734.35	5683.59	10.7%
3:15 PM	83.60	20.90	0.0%	26,622.41	6655.60	12.6%	26,622.41	6655.60	12.6%
3:30 PM	110.00	27.50	0.1%	28,447.81	7111.95	13.4%	28,447.81	7111.95	13.4%
3:45 PM	141.15	35.29	0.1%	28,536.13	7134.03	13.5%	28,536.13	7134.03	13.5%
4:00 PM	182.40	45.60	0.1%	28,068.76	7017.19	13.2%	28,068.76	7017.19	13.2%
4:15 PM	236.62	59.15	0.1%	27,622.65	6905.66	13.0%	27,622.65	6905.66	13.0%
4:30 PM	304.35	76.09	0.1%	26,462.43	6615.61	12.5%	26,462.43	6615.61	12.5%
4:45 PM	385.83	96.46	0.2%	25,120.63	6280.16	11.9%	25,120.63	6280.16	11.9%
5:00 PM	485.22	121.30	0.2%	23,335.19	5833.80	11.0%	23,335.19	5833.80	11.0%
5:15 PM	601.38	150.35	0.3%	21,390.44	5347.61	10.1%	21,390.44	5347.61	10.1%
5:30 PM	738.99	184.75	0.3%	18,855.85	4713.96	8.9%	18,855.85	4713.96	8.9%
5:45 PM	903.13	225.78	0.4%	16,907.56	4226.89	8.0%	16,907.56	4226.89	8.0%
6:00 PM	1,109.25	277.31	0.5%	13,755.32	3438.83	6.5%	13,755.32	3438.83	6.5%
6:15 PM	1,370.95	342.74	0.6%	12,176.56	3044.14	5.7%	12,176.56	3044.14	5.7%
6:30 PM	1,672.84	418.21	0.8%	12,114.35	3028.59	5.7%	12,114.35	3028.59	5.7%
6:45 PM	2,022.65	505.66	1.0%	11,933.99	2983.50	5.6%	11,933.99	2983.50	5.6%
7:00 PM	3,076.55	769.14	1.5%	11,297.29	2824.32	5.3%	11,297.29	2824.32	5.3%
7:15 PM	10,074.50	2820.86	4.8%	10,001.09	2800.30	4.7%	10,001.09	2800.30	4.7%
7:33 PM	38,231.61	5734.74	18.0%	10,667.97	1600.20	5.0%	10,667.97	1600.20	5.0%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	1,802.35	234.31	0.9%	8,038.18	1044.96	3.8%	8,038.18	1044.96	3.8%
7:16 AM	1,986.09	476.66	0.9%	8,611.58	2066.78	4.1%	8,611.58	2066.78	4.1%
7:30 AM	2,014.12	483.39	1.0%	8,053.14	1932.75	3.8%	8,053.14	1932.75	3.8%
7:45 AM	1,967.27	491.82	0.9%	8,895.35	2223.84	4.2%	8,895.35	2223.84	4.2%
8:00 AM	1,914.50	478.62	0.9%	9,310.42	2327.61	4.4%	9,310.42	2327.61	4.4%
8:15 AM	1,844.97	461.24	0.9%	10,087.98	2522.00	4.8%	10,087.98	2522.00	4.8%
8:30 AM	1,765.26	441.31	0.8%	10,396.99	2599.25	4.9%	10,396.99	2599.25	4.9%
8:45 AM	1,683.37	420.84	0.8%	10,551.49	2637.87	5.0%	10,551.51	2637.88	5.0%
9:00 AM	1,596.07	399.02	0.8%	10,856.37	2714.09	5.1%	10,856.37	2714.09	5.1%
9:15 AM	1,513.76	378.44	0.7%	11,189.32	2797.33	5.3%	11,189.32	2797.33	5.3%
9:30 AM	1,423.97	355.99	0.7%	11,350.60	2837.65	5.4%	11,350.60	2837.65	5.4%
9:45 AM	1,341.02	335.25	0.6%	11,450.87	2862.72	5.4%	11,450.87	2862.72	5.4%
10:00 AM	1,250.23	312.56	0.6%	11,545.91	2886.48	5.4%	11,545.91	2886.48	5.4%
10:15 AM	1,168.30	292.07	0.6%	12,852.99	3213.25	6.1%	12,852.99	3213.25	6.1%
10:30 AM	1,076.98	269.24	0.5%	14,102.88	3525.72	6.7%	14,102.88	3525.72	6.7%
10:45 AM	997.18	249.30	0.5%	15,497.37	3874.34	7.3%	15,497.37	3874.34	7.3%
11:00 AM	905.81	226.45	0.4%	16,764.35	4191.09	7.9%	16,764.35	4191.09	7.9%
11:15 AM	827.33	206.83	0.4%	18,486.69	4621.67	8.7%	18,486.69	4621.67	8.7%
11:30 AM	734.78	183.70	0.3%	19,704.66	4926.16	9.3%	19,704.66	4926.16	9.3%
11:45 AM	656.84	164.21	0.3%	20,537.46	5134.36	9.7%	20,537.46	5134.36	9.7%
12:00 PM	562.09	140.52	0.3%	19,383.71	4845.93	9.1%	19,383.71	4845.93	9.1%
12:15 PM	483.48	120.87	0.2%	18,008.42	4502.10	8.5%	18,008.42	4502.10	8.5%
12:30 PM	385.62	96.40	0.2%	16,065.27	4016.32	7.6%	16,065.27	4016.32	7.6%
12:45 PM	305.69	76.42	0.1%	14,640.79	3660.20	6.9%	14,640.79	3660.20	6.9%
1:00 PM	203.97	50.99	0.1%	13,172.38	3293.09	6.2%	13,172.38	3293.09	6.2%
1:15 PM	130.61	32.65	0.1%	13,642.32	3410.58	6.4%	13,642.32	3410.58	6.4%
1:30 PM	64.22	16.06	0.0%	14,883.57	3720.89	7.0%	14,883.57	3720.89	7.0%
1:45 PM	35.27	8.82	0.0%	16,721.73	4180.43	7.9%	16,721.73	4180.43	7.9%
2:00 PM	17.69	4.42	0.0%	17,821.87	4455.47	8.4%	17,821.87	4455.47	8.4%
2:15 PM	17.34	4.34	0.0%	19,470.66	4867.67	9.2%	19,470.66	4867.67	9.2%
2:30 PM	28.63	7.16	0.0%	20,585.89	5146.47	9.7%	20,585.89	5146.47	9.7%
2:45 PM	42.32	10.58	0.0%	22,467.18	5616.79	10.6%	22,467.18	5616.79	10.6%
3:00 PM	60.25	15.06	0.0%	24,568.60	6142.15	11.6%	24,568.60	6142.15	11.6%
3:15 PM	80.87	20.22	0.0%	28,694.86	7173.71	13.5%	28,694.86	7173.71	13.5%
3:30 PM	107.29	26.82	0.1%	30,430.82	7607.70	14.4%	30,430.77	7607.69	14.4%
3:45 PM	138.09	34.52	0.1%	30,693.17	7673.29	14.5%	30,693.17	7673.29	14.5%
4:00 PM	177.14	44.29	0.1%	30,183.35	7545.84	14.2%	30,183.35	7545.84	14.2%
4:15 PM	231.53	57.88	0.1%	29,813.57	7453.39	14.1%	29,813.57	7453.39	14.1%
4:30 PM	299.98	75.00	0.1%	28,700.65	7175.16	13.5%	28,700.65	7175.16	13.5%
4:45 PM	382.61	95.65	0.2%	27,426.45	6856.61	12.9%	27,426.45	6856.61	12.9%
5:00 PM	483.56	120.89	0.2%	25,638.58	6409.64	12.1%	25,638.58	6409.64	12.1%
5:15 PM	600.87	150.22	0.3%	23,721.80	5930.45	11.2%	23,721.80	5930.45	11.2%
5:30 PM	741.70	185.42	0.4%	21,301.13	5325.28	10.1%	21,301.13	5325.28	10.1%
5:45 PM	911.44	227.86	0.4%	18,702.49	4675.62	8.8%	18,702.49	4675.62	8.8%
6:00 PM	1,126.72	281.68	0.5%	16,430.44	4107.61	7.8%	16,430.44	4107.61	7.8%
6:15 PM	1,398.19	349.55	0.7%	13,841.12	3460.28	6.5%	13,841.12	3460.28	6.5%
6:30 PM	1,716.82	429.21	0.8%	13,408.44	3352.11	6.3%	13,408.44	3352.11	6.3%
6:45 PM	2,094.02	523.51	1.0%	12,396.78	3099.19	5.9%	12,396.78	3099.19	5.9%
7:00 PM	3,515.07	878.77	1.7%	11,590.48	2897.62	5.5%	11,590.48	2897.62	5.5%
7:15 PM	12,365.85	3091.46	5.8%	10,623.43	2655.86	5.0%	10,623.43	2655.86	5.0%
7:30 PM	36,752.98	4777.89	17.3%	11,136.47	1447.74	5.3%	11,136.47	1447.74	5.3%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	2,266.55	135.99	1.1%	10,309.67	618.58	4.9%	10,309.67	618.58	4.9%
7:15 AM	2,356.48	447.73	1.1%	10,383.27	1972.82	4.9%	10,383.27	1972.82	4.9%
7:30 AM	2,367.82	591.95	1.1%	10,523.48	2630.87	5.0%	10,523.48	2630.87	5.0%
7:45 AM	2,285.18	571.30	1.1%	10,658.62	2664.65	5.0%	10,658.62	2664.65	5.0%
8:00 AM	2,204.34	551.09	1.0%	10,793.20	2698.30	5.1%	10,793.20	2698.30	5.1%
8:15 AM	2,103.40	525.85	1.0%	10,927.56	2731.89	5.2%	10,927.56	2731.89	5.2%
8:30 AM	1,996.22	499.05	0.9%	11,062.65	2765.66	5.2%	11,062.65	2765.66	5.2%
8:45 AM	1,891.44	472.86	0.9%	11,201.87	2800.47	5.3%	11,201.87	2800.47	5.3%
9:00 AM	1,783.64	445.91	0.8%	11,341.03	2835.26	5.4%	11,341.03	2835.26	5.4%
9:15 AM	1,682.09	420.52	0.8%	11,490.64	2872.66	5.4%	11,490.64	2872.66	5.4%
9:30 AM	1,576.56	394.14	0.7%	11,576.31	2894.08	5.5%	11,576.31	2894.08	5.5%
9:45 AM	1,478.73	369.68	0.7%	11,619.19	2904.80	5.5%	11,619.19	2904.80	5.5%
10:00 AM	1,376.31	344.08	0.6%	12,393.32	3098.33	5.8%	12,393.32	3098.33	5.8%
10:15 AM	1,284.03	321.01	0.6%	13,900.35	3475.09	6.6%	13,900.35	3475.09	6.6%
10:30 AM	1,184.67	296.17	0.6%	15,178.14	3794.53	7.2%	15,178.14	3794.53	7.2%
10:45 AM	1,097.35	274.34	0.5%	16,757.01	4189.25	7.9%	16,757.01	4189.25	7.9%
11:00 AM	998.98	249.75	0.5%	18,326.20	4581.55	8.7%	18,326.20	4581.55	8.7%
11:15 AM	914.93	228.73	0.4%	20,145.41	5036.35	9.5%	20,145.41	5036.35	9.5%
11:30 AM	816.80	204.20	0.4%	21,424.08	5356.02	10.1%	21,424.08	5356.02	10.1%
11:45 AM	734.11	183.53	0.3%	22,411.53	5602.88	10.6%	22,411.53	5602.88	10.6%
12:00 PM	635.66	158.92	0.3%	21,310.75	5327.69	10.1%	21,310.75	5327.69	10.1%
12:15 PM	553.11	138.28	0.3%	19,845.88	4961.47	9.4%	19,845.88	4961.47	9.4%
12:30 PM	452.36	113.09	0.2%	17,832.99	4458.25	8.4%	17,832.99	4458.25	8.4%
12:45 PM	368.76	92.19	0.2%	16,325.45	4081.36	7.7%	16,325.45	4081.36	7.7%
1:00 PM	264.23	66.06	0.1%	14,810.64	3702.66	7.0%	14,810.64	3702.66	7.0%
1:15 PM	180.65	45.16	0.1%	15,267.42	3816.86	7.2%	15,267.42	3816.86	7.2%
1:30 PM	91.64	22.91	0.0%	16,578.42	4144.60	7.8%	16,578.42	4144.60	7.8%
1:45 PM	46.69	11.67	0.0%	18,458.60	4614.65	8.7%	18,458.60	4614.65	8.7%
2:00 PM	23.67	5.92	0.0%	19,637.59	4909.40	9.3%	19,637.59	4909.40	9.3%
2:15 PM	18.84	4.71	0.0%	21,361.38	5340.35	10.1%	21,361.38	5340.35	10.1%
2:30 PM	27.15	6.79	0.0%	22,595.94	5648.98	10.7%	22,595.94	5648.98	10.7%
2:45 PM	40.10	10.02	0.0%	24,700.23	6175.06	11.7%	24,700.23	6175.06	11.7%
3:00 PM	57.17	14.29	0.0%	27,149.58	6787.39	12.8%	27,149.58	6787.39	12.8%
3:15 PM	77.43	19.36	0.0%	31,519.11	7879.78	14.9%	31,519.08	7879.77	14.9%
3:30 PM	103.97	25.99	0.0%	33,052.30	8263.08	15.6%	33,052.30	8263.08	15.6%
3:45 PM	134.47	33.62	0.1%	33,581.66	8395.42	15.9%	33,581.66	8395.42	15.9%
4:00 PM	172.34	43.09	0.1%	33,043.38	8260.84	15.6%	33,043.38	8260.84	15.6%
4:15 PM	225.82	56.45	0.1%	32,647.92	8161.98	15.4%	32,647.92	8161.98	15.4%
4:30 PM	295.61	73.90	0.1%	31,621.39	7905.35	14.9%	31,621.39	7905.35	14.9%
4:45 PM	380.04	95.01	0.2%	30,436.90	7609.23	14.4%	30,436.90	7609.23	14.4%
5:00 PM	482.83	120.71	0.2%	28,707.51	7176.88	13.6%	28,707.51	7176.88	13.6%
5:15 PM	603.15	150.79	0.3%	26,550.71	6637.68	12.5%	26,550.71	6637.68	12.5%
5:30 PM	748.18	187.05	0.4%	24,126.69	6031.67	11.4%	24,126.69	6031.67	11.4%
5:45 PM	927.39	231.85	0.4%	20,977.00	5244.25	9.9%	20,977.00	5244.25	9.9%
6:00 PM	1,155.38	288.84	0.5%	17,391.09	4347.77	8.2%	17,391.09	4347.77	8.2%
6:15 PM	1,438.15	359.54	0.7%	14,093.50	3523.37	6.7%	14,093.50	3523.37	6.7%
6:30 PM	1,783.03	445.76	0.8%	11,925.50	2981.37	5.6%	11,925.50	2981.37	5.6%
6:45 PM	2,208.82	552.21	1.0%	11,691.10	2922.78	5.5%	11,691.10	2922.78	5.5%
7:00 PM	4,376.04	1094.01	2.1%	11,093.26	2773.31	5.2%	11,093.26	2773.31	5.2%
7:15 PM	16,439.92	3452.38	7.8%	11,931.53	2505.62	5.6%	11,931.53	2505.62	5.6%
7:25 PM	34,462.01	3101.58	16.3%	11,673.57	1050.62	5.5%	11,673.57	1050.62	5.5%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	2,814.73	56.29	1.3%	10,459.79	209.20	4.9%	10,459.79	209.20	4.9%
7:15 AM	2,835.72	425.36	1.3%	10,481.83	1572.27	4.9%	10,481.83	1572.27	4.9%
7:30 AM	2,852.10	713.02	1.3%	10,617.85	2654.46	5.0%	10,617.85	2654.46	5.0%
7:45 AM	2,742.04	685.51	1.3%	10,755.43	2688.86	5.1%	10,755.43	2688.86	5.1%
8:00 AM	2,598.27	649.57	1.2%	10,891.11	2722.78	5.1%	10,891.11	2722.78	5.1%
8:15 AM	2,446.73	611.68	1.2%	11,028.32	2757.08	5.2%	11,028.32	2757.08	5.2%
8:30 AM	2,296.84	574.21	1.1%	11,165.44	2791.36	5.3%	11,165.44	2791.36	5.3%
8:45 AM	2,156.88	539.22	1.0%	11,307.85	2826.96	5.3%	11,307.85	2826.96	5.3%
9:00 AM	2,016.99	504.25	1.0%	11,451.30	2862.82	5.4%	11,451.30	2862.82	5.4%
9:15 AM	1,889.33	472.33	0.9%	11,605.07	2901.27	5.5%	11,605.07	2901.27	5.5%
9:30 AM	1,761.88	440.47	0.8%	11,728.23	2932.06	5.5%	11,728.23	2932.06	5.5%
9:45 AM	1,647.11	411.78	0.8%	12,161.50	3040.37	5.7%	12,161.50	3040.37	5.7%
10:00 AM	1,527.38	381.84	0.7%	13,708.66	3427.16	6.5%	13,708.66	3427.16	6.5%
10:15 AM	1,423.78	355.95	0.7%	15,233.62	3808.41	7.2%	15,233.62	3808.41	7.2%
10:30 AM	1,312.79	328.20	0.6%	16,742.77	4185.69	7.9%	16,742.77	4185.69	7.9%
10:45 AM	1,216.01	304.00	0.6%	18,796.43	4699.11	8.9%	18,796.43	4699.11	8.9%
11:00 AM	1,108.47	277.12	0.5%	20,466.27	5116.57	9.7%	20,466.27	5116.57	9.7%
11:15 AM	1,017.18	254.29	0.5%	22,457.79	5614.45	10.6%	22,457.79	5614.45	10.6%
11:30 AM	913.13	228.28	0.4%	23,778.17	5944.54	11.2%	23,778.17	5944.54	11.2%
11:45 AM	824.76	206.19	0.4%	24,731.83	6182.96	11.7%	24,731.83	6182.96	11.7%
12:00 PM	720.68	180.17	0.3%	23,593.58	5898.39	11.1%	23,593.58	5898.39	11.1%
12:15 PM	633.73	158.43	0.3%	22,015.60	5503.90	10.4%	22,015.60	5503.90	10.4%
12:30 PM	528.91	132.23	0.2%	19,909.38	4977.34	9.4%	19,909.38	4977.34	9.4%
12:45 PM	441.23	110.31	0.2%	18,298.67	4574.67	8.6%	18,298.67	4574.67	8.6%
1:00 PM	333.59	83.40	0.2%	16,777.32	4194.33	7.9%	16,777.32	4194.33	7.9%
1:15 PM	246.13	61.53	0.1%	17,362.01	4340.50	8.2%	17,362.01	4340.50	8.2%
1:30 PM	139.22	34.80	0.1%	18,769.17	4692.29	8.9%	18,769.17	4692.29	8.9%
1:45 PM	73.36	18.34	0.0%	20,769.70	5192.43	9.8%	20,769.70	5192.43	9.8%
2:00 PM	31.28	7.82	0.0%	22,044.57	5511.14	10.4%	22,044.57	5511.14	10.4%
2:15 PM	21.23	5.31	0.0%	23,903.61	5975.90	11.3%	23,903.61	5975.90	11.3%
2:30 PM	24.93	6.23	0.0%	25,300.13	6325.03	11.9%	25,300.13	6325.03	11.9%
2:45 PM	36.99	9.25	0.0%	27,725.18	6931.29	13.1%	27,725.18	6931.29	13.1%
3:00 PM	53.61	13.40	0.0%	30,633.05	7658.26	14.5%	30,633.05	7658.26	14.5%
3:15 PM	72.93	18.23	0.0%	35,117.43	8779.36	16.6%	35,117.43	8779.36	16.6%
3:30 PM	99.63	24.91	0.0%	36,371.39	9092.85	17.2%	36,371.39	9092.85	17.2%
3:45 PM	129.73	32.43	0.1%	37,181.54	9295.38	17.5%	37,181.54	9295.38	17.5%
4:00 PM	168.03	42.01	0.1%	36,900.35	9225.09	17.4%	36,900.35	9225.09	17.4%
4:15 PM	219.41	54.85	0.1%	36,404.19	9101.05	17.2%	36,404.19	9101.05	17.2%
4:30 PM	291.43	72.86	0.1%	35,279.96	8819.99	16.7%	35,279.96	8819.99	16.7%
4:45 PM	378.19	94.55	0.2%	34,248.71	8562.18	16.2%	34,248.71	8562.18	16.2%
5:00 PM	484.01	121.00	0.2%	32,609.59	8152.40	15.4%	32,609.59	8152.40	15.4%
5:15 PM	608.46	152.11	0.3%	30,829.09	7707.27	14.6%	30,829.09	7707.27	14.6%
5:30 PM	762.01	190.50	0.4%	28,413.91	7103.48	13.4%	28,413.91	7103.48	13.4%
5:45 PM	954.92	238.73	0.5%	25,649.22	6412.30	12.1%	25,649.22	6412.30	12.1%
6:00 PM	1,196.55	299.14	0.6%	21,740.81	5435.20	10.3%	21,740.81	5435.20	10.3%
6:15 PM	1,497.41	374.35	0.7%	18,357.21	4589.30	8.7%	18,357.21	4589.30	8.7%
6:30 PM	1,883.40	470.85	0.9%	14,740.28	3685.07	7.0%	14,740.28	3685.07	7.0%
6:45 PM	2,397.27	599.32	1.1%	13,158.58	3289.64	6.2%	13,158.58	3289.64	6.2%
7:00 PM	5,926.50	1481.62	2.8%	13,037.96	3259.49	6.2%	13,037.96	3259.49	6.2%
7:15 PM	24,303.24	3645.49	11.5%	13,027.94	1954.19	6.1%	13,027.94	1954.19	6.1%
7:18 PM	31,462.79	943.88	14.9%	11,623.00	348.69	5.5%	11,623.00	348.69	5.5%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	3,443.43	309.91	1.6%	10,628.41	956.56	5.0%	10,628.41	956.56	5.0%
7:30 AM	3,516.01	738.36	1.7%	10,729.54	2253.20	5.1%	10,729.54	2253.20	5.1%
7:45 AM	3,364.73	841.18	1.6%	10,868.14	2717.04	5.1%	10,868.14	2717.04	5.1%
8:00 AM	3,122.46	780.61	1.5%	11,005.96	2751.49	5.2%	11,005.96	2751.49	5.2%
8:15 AM	2,894.42	723.60	1.4%	11,144.91	2786.23	5.3%	11,144.91	2786.23	5.3%
8:30 AM	2,679.75	669.94	1.3%	11,285.44	2821.36	5.3%	11,285.44	2821.36	5.3%
8:45 AM	2,485.51	621.38	1.2%	11,431.52	2857.88	5.4%	11,431.52	2857.88	5.4%
9:00 AM	2,301.32	575.33	1.1%	11,579.76	2894.94	5.5%	11,579.76	2894.94	5.5%
9:15 AM	2,139.64	534.91	1.0%	11,739.94	2934.98	5.5%	11,739.94	2934.98	5.5%
9:30 AM	1,982.47	495.62	0.9%	11,973.13	2993.28	5.7%	11,973.13	2993.28	5.7%
9:45 AM	1,845.64	461.41	0.9%	13,783.41	3445.85	6.5%	13,783.41	3445.85	6.5%
10:00 AM	1,706.90	426.73	0.8%	15,306.31	3826.58	7.2%	15,306.31	3826.58	7.2%
10:15 AM	1,586.85	396.71	0.7%	17,211.35	4302.84	8.1%	17,211.35	4302.84	8.1%
10:30 AM	1,462.27	365.57	0.7%	19,273.10	4818.27	9.1%	19,273.10	4818.27	9.1%
10:45 AM	1,353.85	338.46	0.6%	21,543.91	5385.98	10.2%	21,543.91	5385.98	10.2%
11:00 AM	1,236.64	309.16	0.6%	23,370.15	5842.54	11.0%	23,370.15	5842.54	11.0%
11:15 AM	1,136.21	284.05	0.5%	25,375.37	6343.84	12.0%	25,375.37	6343.84	12.0%
11:30 AM	1,023.59	255.90	0.5%	26,635.23	6658.81	12.6%	26,635.23	6658.81	12.6%
11:45 AM	928.84	232.21	0.4%	27,506.54	6876.64	13.0%	27,506.54	6876.64	13.0%
12:00 PM	818.33	204.58	0.4%	26,243.18	6560.79	12.4%	26,243.18	6560.79	12.4%
12:15 PM	725.80	181.45	0.3%	24,537.24	6134.31	11.6%	24,537.24	6134.31	11.6%
12:30 PM	615.91	153.98	0.3%	22,340.88	5585.22	10.5%	22,340.88	5585.22	10.5%
12:45 PM	523.28	130.82	0.2%	20,714.03	5178.51	9.8%	20,714.03	5178.51	9.8%
1:00 PM	411.72	102.93	0.2%	19,248.89	4812.22	9.1%	19,248.89	4812.22	9.1%
1:15 PM	320.32	80.08	0.2%	20,133.43	5033.36	9.5%	20,133.43	5033.36	9.5%
1:30 PM	209.98	52.49	0.1%	21,658.87	5414.72	10.2%	21,658.87	5414.72	10.2%
1:45 PM	123.96	30.99	0.1%	23,825.77	5956.44	11.2%	23,825.77	5956.44	11.2%
2:00 PM	50.42	12.60	0.0%	25,218.44	6304.61	11.9%	25,218.44	6304.61	11.9%
2:15 PM	26.16	6.54	0.0%	27,247.30	6811.83	12.9%	27,247.30	6811.83	12.9%
2:30 PM	23.29	5.82	0.0%	28,870.88	7217.72	13.6%	28,870.88	7217.72	13.6%
2:45 PM	33.66	8.42	0.0%	31,695.26	7923.81	15.0%	31,695.26	7923.81	15.0%
3:00 PM	48.84	12.21	0.0%	35,182.43	8795.61	16.6%	35,182.43	8795.61	16.6%
3:15 PM	66.15	16.54	0.0%	39,399.10	9849.77	18.6%	39,399.10	9849.77	18.6%
3:30 PM	91.72	22.93	0.0%	40,649.38	10162.35	19.2%	40,649.38	10162.35	19.2%
3:45 PM	122.06	30.52	0.1%	41,686.00	10421.50	19.7%	41,686.00	10421.50	19.7%
4:00 PM	161.54	40.39	0.1%	41,696.58	10424.15	19.7%	41,696.58	10424.15	19.7%
4:15 PM	210.70	52.67	0.1%	41,572.73	10393.18	19.6%	41,572.73	10393.18	19.6%
4:30 PM	285.29	71.32	0.1%	40,209.84	10052.46	19.0%	40,209.84	10052.46	19.0%
4:45 PM	374.63	93.66	0.2%	39,129.59	9782.40	18.5%	39,129.59	9782.40	18.5%
5:00 PM	484.09	121.02	0.2%	37,367.18	9341.79	17.6%	37,367.18	9341.79	17.6%
5:15 PM	615.03	153.76	0.3%	35,719.64	8929.91	16.9%	35,719.64	8929.91	16.9%
5:30 PM	780.94	195.23	0.4%	33,390.69	8347.67	15.8%	33,390.69	8347.67	15.8%
5:45 PM	989.68	247.42	0.5%	30,585.90	7646.48	14.4%	30,585.90	7646.48	14.4%
6:00 PM	1,245.30	311.33	0.6%	26,321.41	6580.35	12.4%	26,321.41	6580.35	12.4%
6:15 PM	1,574.07	393.52	0.7%	21,931.49	5482.87	10.4%	21,931.49	5482.87	10.4%
6:30 PM	2,024.87	506.22	1.0%	18,276.96	4569.24	8.6%	18,276.96	4569.24	8.6%
6:45 PM	2,938.80	999.19	1.4%	13,995.72	4758.54	6.6%	13,995.72	4758.54	6.6%
7:10 PM	27,939.87	5867.37	13.2%	13,463.68	2827.37	6.4%	13,463.68	2827.37	6.4%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	4,311.63	172.47	2.0%	9,277.27	371.09	4.4%	9,277.27	371.09	4.4%
7:30 AM	4,323.59	735.01	2.0%	8,356.98	1420.69	3.9%	8,356.98	1420.69	3.9%
7:45 AM	4,173.30	1043.33	2.0%	9,794.75	2448.69	4.6%	9,794.75	2448.69	4.6%
8:00 AM	3,816.55	954.14	1.8%	10,158.26	2539.56	4.8%	10,158.26	2539.56	4.8%
8:15 AM	3,461.84	865.46	1.6%	10,931.07	2732.77	5.2%	10,931.07	2732.77	5.2%
8:30 AM	3,148.99	787.25	1.5%	11,372.44	2843.11	5.4%	11,372.44	2843.11	5.4%
8:45 AM	2,881.95	720.49	1.4%	11,568.45	2892.11	5.5%	11,568.45	2892.11	5.5%
9:00 AM	2,639.57	659.89	1.2%	11,722.87	2930.72	5.5%	11,722.87	2930.72	5.5%
9:15 AM	2,434.42	608.61	1.1%	11,890.92	2972.73	5.6%	11,890.92	2972.73	5.6%
9:30 AM	2,241.20	560.30	1.1%	13,871.27	3467.82	6.5%	13,871.27	3467.82	6.5%
9:45 AM	2,076.92	519.23	1.0%	15,680.43	3920.11	7.4%	15,680.43	3920.11	7.4%
10:00 AM	1,914.20	478.55	0.9%	17,783.27	4445.82	8.4%	17,783.27	4445.82	8.4%
10:15 AM	1,775.39	443.85	0.8%	20,408.00	5102.00	9.6%	20,408.00	5102.00	9.6%
10:30 AM	1,632.69	408.17	0.8%	22,668.47	5667.12	10.7%	22,668.47	5667.12	10.7%
10:45 AM	1,510.46	377.62	0.7%	25,110.72	6277.68	11.9%	25,110.72	6277.68	11.9%
11:00 AM	1,381.09	345.27	0.7%	26,873.45	6718.36	12.7%	26,873.45	6718.36	12.7%
11:15 AM	1,271.09	317.77	0.6%	28,816.04	7204.01	13.6%	28,816.04	7204.01	13.6%
11:30 AM	1,149.24	287.31	0.5%	29,982.11	7495.53	14.2%	29,982.11	7495.53	14.2%
11:45 AM	1,045.78	261.44	0.5%	30,709.57	7677.39	14.5%	30,709.57	7677.39	14.5%
12:00 PM	928.51	232.13	0.4%	29,341.67	7335.42	13.8%	29,341.67	7335.42	13.8%
12:15 PM	829.07	207.27	0.4%	27,651.17	6912.79	13.1%	27,651.17	6912.79	13.1%
12:30 PM	713.61	178.40	0.3%	25,429.46	6357.36	12.0%	25,429.46	6357.36	12.0%
12:45 PM	615.32	153.83	0.3%	23,816.58	5954.14	11.2%	23,816.58	5954.14	11.2%
1:00 PM	499.24	124.81	0.2%	22,419.09	5604.77	10.6%	22,419.09	5604.77	10.6%
1:15 PM	404.41	101.10	0.2%	23,682.51	5920.63	11.2%	23,682.51	5920.63	11.2%
1:30 PM	290.65	72.66	0.1%	25,336.13	6334.03	12.0%	25,336.13	6334.03	12.0%
1:45 PM	197.59	49.40	0.1%	27,637.34	6909.34	13.0%	27,637.34	6909.34	13.0%
2:00 PM	96.20	24.05	0.0%	29,176.24	7294.06	13.8%	29,176.24	7294.06	13.8%
2:15 PM	41.71	10.43	0.0%	31,404.76	7851.19	14.8%	31,404.76	7851.19	14.8%
2:30 PM	23.05	5.76	0.0%	33,286.27	8321.57	15.7%	33,286.27	8321.57	15.7%
2:45 PM	30.82	7.71	0.0%	36,589.73	9147.43	17.3%	36,589.73	9147.43	17.3%
3:00 PM	44.31	11.08	0.0%	40,776.86	10194.22	19.2%	40,776.86	10194.22	19.2%
3:15 PM	59.93	14.98	0.0%	44,648.15	11162.04	21.1%	44,648.12	11162.03	21.1%
3:30 PM	82.45	20.61	0.0%	46,017.20	11504.30	21.7%	46,017.17	11504.29	21.7%
3:45 PM	110.59	27.65	0.1%	47,323.05	11830.76	22.3%	47,323.05	11830.76	22.3%
4:00 PM	149.32	37.33	0.1%	47,604.40	11901.10	22.5%	47,604.40	11901.10	22.5%
4:15 PM	196.39	49.10	0.1%	47,898.62	11974.65	22.6%	47,898.62	11974.65	22.6%
4:30 PM	274.57	68.64	0.1%	46,955.36	11738.84	22.2%	46,955.36	11738.84	22.2%
4:45 PM	366.05	91.51	0.2%	45,550.61	11387.65	21.5%	45,550.61	11387.65	21.5%
5:00 PM	480.63	120.16	0.2%	43,646.24	10911.56	20.6%	43,646.24	10911.56	20.6%
5:15 PM	621.00	155.25	0.3%	41,688.46	10422.12	19.7%	41,688.46	10422.12	19.7%
5:30 PM	801.55	200.39	0.4%	39,498.73	9874.68	18.6%	39,498.73	9874.68	18.6%
5:45 PM	1,022.62	255.66	0.5%	36,709.54	9177.38	17.3%	36,709.54	9177.38	17.3%
6:00 PM	1,300.89	325.22	0.6%	32,026.76	8006.69	15.1%	32,026.76	8006.69	15.1%
6:15 PM	1,669.65	417.41	0.8%	27,095.30	6773.83	12.8%	27,095.30	6773.83	12.8%
6:30 PM	2,212.04	553.01	1.0%	22,565.17	5641.29	10.7%	22,565.17	5641.29	10.7%
6:45 PM	3,897.55	1052.34	1.8%	18,294.41	4939.49	8.6%	18,294.41	4939.49	8.6%
7:02 PM	23,656.32	3311.89	11.2%	13,871.92	1942.07	6.5%	13,871.92	1942.07	6.5%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	5,394.80	593.43	2.5%	11,009.96	1211.10	5.2%	11,009.96	1211.10	5.2%
7:45 AM	5,157.38	1186.20	2.4%	11,085.97	2549.77	5.2%	11,085.97	2549.77	5.2%
8:00 AM	4,672.78	1168.20	2.2%	11,188.41	2797.10	5.3%	11,188.41	2797.10	5.3%
8:15 AM	4,154.78	1038.70	2.0%	11,366.89	2841.72	5.4%	11,366.89	2841.72	5.4%
8:30 AM	3,707.73	926.93	1.8%	11,508.95	2877.24	5.4%	11,508.95	2877.24	5.4%
8:45 AM	3,345.46	836.37	1.6%	11,695.34	2923.83	5.5%	11,695.34	2923.83	5.5%
9:00 AM	3,031.25	757.81	1.4%	11,883.58	2970.89	5.6%	11,883.58	2970.89	5.6%
9:15 AM	2,772.87	693.22	1.3%	14,192.56	3548.14	6.7%	14,192.56	3548.14	6.7%
9:30 AM	2,535.79	633.95	1.2%	16,129.76	4032.44	7.6%	16,129.76	4032.44	7.6%
9:45 AM	2,337.37	584.34	1.1%	19,047.98	4761.99	9.0%	19,047.98	4761.99	9.0%
10:00 AM	2,146.02	536.51	1.0%	21,797.36	5449.34	10.3%	21,797.36	5449.34	10.3%
10:15 AM	1,984.72	496.18	0.9%	24,697.49	6174.37	11.7%	24,697.49	6174.37	11.7%
10:30 AM	1,822.56	455.64	0.9%	26,973.96	6743.49	12.7%	26,973.96	6743.49	12.7%
10:45 AM	1,684.82	421.20	0.8%	29,347.38	7336.85	13.9%	29,347.38	7336.85	13.9%
11:00 AM	1,540.32	385.08	0.7%	30,977.92	7744.48	14.6%	30,977.92	7744.48	14.6%
11:15 AM	1,418.40	354.60	0.7%	32,810.56	8202.64	15.5%	32,810.56	8202.64	15.5%
11:30 AM	1,285.88	321.47	0.6%	33,818.87	8454.72	16.0%	33,818.87	8454.72	16.0%
11:45 AM	1,173.84	293.46	0.6%	34,261.34	8565.33	16.2%	34,261.34	8565.33	16.2%
12:00 PM	1,048.14	262.03	0.5%	32,817.67	8204.42	15.5%	32,817.67	8204.42	15.5%
12:15 PM	941.19	235.30	0.4%	31,158.50	7789.62	14.7%	31,158.50	7789.62	14.7%
12:30 PM	819.10	204.78	0.4%	28,966.27	7241.57	13.7%	28,966.27	7241.57	13.7%
12:45 PM	714.38	178.60	0.3%	27,424.50	6856.12	12.9%	27,424.50	6856.12	12.9%
1:00 PM	593.26	148.32	0.3%	26,146.01	6536.50	12.3%	26,146.01	6536.50	12.3%
1:15 PM	494.20	123.55	0.2%	27,917.09	6979.27	13.2%	27,917.09	6979.27	13.2%
1:30 PM	377.20	94.30	0.2%	29,717.19	7429.30	14.0%	29,717.19	7429.30	14.0%
1:45 PM	279.15	69.79	0.1%	32,175.86	8043.97	15.2%	32,175.86	8043.97	15.2%
2:00 PM	165.94	41.48	0.1%	33,861.86	8465.47	16.0%	33,861.86	8465.47	16.0%
2:15 PM	85.50	21.38	0.0%	36,382.78	9095.69	17.2%	36,382.78	9095.69	17.2%
2:30 PM	28.49	7.12	0.0%	38,660.30	9665.07	18.2%	38,660.30	9665.07	18.2%
2:45 PM	27.23	6.81	0.0%	42,702.21	10675.55	20.2%	42,702.21	10675.55	20.2%
3:00 PM	40.20	10.05	0.0%	47,373.17	11843.29	22.4%	47,373.17	11843.29	22.4%
3:15 PM	55.24	13.81	0.0%	50,929.22	12732.31	24.0%	50,929.22	12732.31	24.0%
3:30 PM	76.07	19.02	0.0%	52,474.10	13118.53	24.8%	52,474.10	13118.53	24.8%
3:45 PM	101.48	25.37	0.0%	54,177.50	13544.37	25.6%	54,177.50	13544.37	25.6%
4:00 PM	136.54	34.13	0.1%	54,835.81	13708.95	25.9%	54,835.81	13708.95	25.9%
4:15 PM	181.38	45.34	0.1%	55,515.56	13878.89	26.2%	55,515.56	13878.89	26.2%
4:30 PM	254.95	63.74	0.1%	54,931.84	13732.96	25.9%	54,931.84	13732.96	25.9%
4:45 PM	351.26	87.81	0.2%	53,526.90	13381.73	25.3%	53,526.90	13381.73	25.3%
5:00 PM	475.19	118.80	0.2%	51,259.12	12814.78	24.2%	51,259.12	12814.78	24.2%
5:15 PM	772.33	193.08	0.4%	48,589.17	12147.29	22.9%	48,589.17	12147.29	22.9%
5:30 PM	821.86	205.47	0.4%	45,271.29	11317.82	21.4%	45,271.29	11317.82	21.4%
5:45 PM	1,583.74	395.94	0.7%	40,915.51	10228.88	19.3%	40,915.51	10228.88	19.3%
6:00 PM	1,734.89	433.72	0.8%	36,014.48	9003.62	17.0%	36,014.48	9003.62	17.0%
6:15 PM	1,808.09	452.02	0.9%	30,174.15	7543.54	14.2%	30,174.15	7543.54	14.2%
6:30 PM	2,486.45	621.61	1.2%	25,729.09	6432.27	12.1%	25,729.09	6432.27	12.1%
6:45 PM	7,549.59	1434.42	3.6%	21,075.48	4004.34	9.9%	21,075.48	4004.34	9.9%
6:52 PM	19,460.40	1167.62	9.2%	18,403.58	1104.21	8.7%	18,403.58	1104.21	8.7%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	6,566.07	393.96	3.1%	11,219.98	673.20	5.3%	11,219.98	673.20	5.3%
7:45 AM	6,313.40	1199.55	3.0%	11,287.98	2144.72	5.3%	11,287.98	2144.72	5.3%
8:00 AM	5,682.91	1420.73	2.7%	11,431.76	2857.94	5.4%	11,431.76	2857.94	5.4%
8:15 AM	5,004.25	1251.06	2.4%	11,580.94	2895.24	5.5%	11,580.94	2895.24	5.5%
8:30 AM	4,376.34	1094.08	2.1%	11,732.86	2933.22	5.5%	11,732.86	2933.22	5.5%
8:45 AM	3,892.35	973.09	1.8%	11,897.86	2974.47	5.6%	11,897.86	2974.47	5.6%
9:00 AM	3,486.10	871.52	1.6%	14,597.29	3649.32	6.9%	14,597.29	3649.32	6.9%
9:15 AM	3,160.87	790.22	1.5%	16,980.60	4245.15	8.0%	16,980.60	4245.15	8.0%
9:30 AM	2,870.72	717.68	1.4%	20,253.18	5063.30	9.6%	20,253.18	5063.30	9.6%
9:45 AM	2,632.39	658.10	1.2%	24,087.02	6021.76	11.4%	24,087.02	6021.76	11.4%
10:00 AM	2,406.92	601.73	1.1%	27,023.04	6755.76	12.8%	27,023.04	6755.76	12.8%
10:15 AM	2,219.68	554.92	1.0%	29,882.40	7470.60	14.1%	29,882.40	7470.60	14.1%
10:30 AM	2,033.96	508.49	1.0%	31,972.24	7993.06	15.1%	31,972.24	7993.06	15.1%
10:45 AM	1,877.75	469.44	0.9%	34,183.72	8545.93	16.1%	34,183.72	8545.93	16.1%
11:00 AM	1,717.55	429.39	0.8%	35,639.34	8909.84	16.8%	35,639.34	8909.84	16.8%
11:15 AM	1,581.65	395.41	0.7%	37,325.50	9331.37	17.6%	37,325.50	9331.37	17.6%
11:30 AM	1,437.02	359.26	0.7%	38,037.31	9509.33	18.0%	38,037.31	9509.33	18.0%
11:45 AM	1,313.62	328.41	0.6%	38,233.72	9558.43	18.0%	38,233.72	9558.43	18.0%
12:00 PM	1,179.31	294.83	0.6%	36,716.10	9179.03	17.3%	36,716.10	9179.03	17.3%
12:15 PM	1,063.74	265.93	0.5%	35,144.93	8786.23	16.6%	35,144.93	8786.23	16.6%
12:30 PM	934.44	233.61	0.4%	33,022.09	8255.52	15.6%	33,022.09	8255.52	15.6%
12:45 PM	822.53	205.63	0.4%	31,652.67	7913.17	14.9%	31,652.67	7913.17	14.9%
1:00 PM	695.60	173.90	0.3%	30,435.97	7608.99	14.4%	30,435.97	7608.99	14.4%
1:15 PM	592.91	148.23	0.3%	32,858.06	8214.51	15.5%	32,858.06	8214.51	15.5%
1:30 PM	471.82	117.95	0.2%	34,947.18	8736.79	16.5%	34,947.18	8736.79	16.5%
1:45 PM	368.06	92.02	0.2%	37,777.72	9444.43	17.8%	37,777.72	9444.43	17.8%
2:00 PM	245.78	61.45	0.1%	39,724.25	9931.06	18.8%	39,724.25	9931.06	18.8%
2:15 PM	152.05	38.01	0.1%	42,498.64	10624.66	20.1%	42,498.64	10624.66	20.1%
2:30 PM	63.71	15.93	0.0%	45,147.27	11286.82	21.3%	45,147.27	11286.82	21.3%
2:45 PM	25.97	6.49	0.0%	49,972.08	12493.02	23.6%	49,972.08	12493.02	23.6%
3:00 PM	33.64	8.41	0.0%	54,734.22	13683.56	25.8%	54,734.22	13683.56	25.8%
3:15 PM	48.03	12.01	0.0%	58,325.98	14581.49	27.5%	58,325.98	14581.49	27.5%
3:30 PM	68.27	17.07	0.0%	60,245.00	15061.25	28.4%	60,245.00	15061.25	28.4%
3:45 PM	92.79	23.20	0.0%	62,465.43	15616.36	29.5%	62,465.40	15616.35	29.5%
4:00 PM	126.35	31.59	0.1%	63,486.52	15871.63	30.0%	63,486.52	15871.63	30.0%
4:15 PM	166.98	41.75	0.1%	64,597.92	16149.48	30.5%	64,597.92	16149.48	30.5%
4:30 PM	232.73	58.18	0.1%	64,448.35	16112.09	30.4%	64,448.35	16112.09	30.4%
4:45 PM	327.78	81.94	0.2%	63,987.37	15996.84	30.2%	63,987.37	15996.84	30.2%
5:00 PM	702.97	175.74	0.3%	61,681.68	15420.42	29.1%	61,681.68	15420.42	29.1%
5:15 PM	1,527.89	381.97	0.7%	59,011.63	14752.91	27.9%	59,011.63	14752.91	27.9%
5:30 PM	1,909.56	477.39	0.9%	55,580.99	13895.25	26.2%	55,580.99	13895.25	26.2%
5:45 PM	3,085.85	771.46	1.5%	49,648.25	12412.06	23.4%	49,648.25	12412.06	23.4%
6:00 PM	2,548.68	637.17	1.2%	45,193.40	11298.35	21.3%	45,193.40	11298.35	21.3%
6:15 PM	2,234.71	558.68	1.1%	40,817.47	10204.37	19.3%	40,817.47	10204.37	19.3%
6:30 PM	3,920.82	901.79	1.9%	35,525.86	8170.95	16.8%	35,525.86	8170.95	16.8%
6:42 PM	15,009.04	1650.99	7.1%	32,840.07	3612.41	15.5%	32,840.07	3612.41	15.5%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	7,816.63	1016.16	3.7%	11,439.69	1487.16	5.4%	11,439.69	1487.16	5.4%
8:00 AM	6,861.34	1715.33	3.2%	11,594.69	2898.67	5.5%	11,594.69	2898.67	5.5%
8:15 AM	6,021.06	1505.26	2.8%	11,748.14	2937.04	5.5%	11,748.14	2937.04	5.5%
8:30 AM	5,172.55	1293.14	2.4%	12,097.33	3024.33	5.7%	12,097.33	3024.33	5.7%
8:45 AM	4,528.69	1132.17	2.1%	15,360.16	3840.04	7.3%	15,360.16	3840.04	7.3%
9:00 AM	4,007.58	1001.89	1.9%	17,929.97	4482.49	8.5%	17,929.97	4482.49	8.5%
9:15 AM	3,600.90	900.22	1.7%	21,886.38	5471.59	10.3%	21,886.38	5471.59	10.3%
9:30 AM	3,247.60	811.90	1.5%	26,054.56	6513.64	12.3%	26,054.56	6513.64	12.3%
9:45 AM	2,961.56	740.39	1.4%	30,361.88	7590.47	14.3%	30,361.88	7590.47	14.3%
10:00 AM	2,697.04	674.26	1.3%	33,225.72	8306.43	15.7%	33,225.72	8306.43	15.7%
10:15 AM	2,479.69	619.92	1.2%	35,835.59	8958.90	16.9%	35,835.59	8958.90	16.9%
10:30 AM	2,268.30	567.07	1.1%	37,636.39	9409.10	17.8%	37,636.39	9409.10	17.8%
10:45 AM	2,090.86	522.71	1.0%	39,628.43	9907.11	18.7%	39,628.43	9907.11	18.7%
11:00 AM	1,912.03	478.01	0.9%	40,858.77	10214.69	19.3%	40,858.77	10214.69	19.3%
11:15 AM	1,760.81	440.20	0.8%	42,384.16	10596.04	20.0%	42,384.16	10596.04	20.0%
11:30 AM	1,601.76	400.44	0.8%	42,810.47	10702.62	20.2%	42,810.47	10702.62	20.2%
11:45 AM	1,467.02	366.75	0.7%	42,829.34	10707.33	20.2%	42,829.34	10707.33	20.2%
12:00 PM	1,321.26	330.32	0.6%	41,228.52	10307.13	19.5%	41,228.52	10307.13	19.5%
12:15 PM	1,197.54	299.38	0.6%	39,702.51	9925.63	18.7%	39,702.51	9925.63	18.7%
12:30 PM	1,058.83	264.71	0.5%	37,628.96	9407.24	17.8%	37,628.96	9407.24	17.8%
12:45 PM	940.28	235.07	0.4%	36,469.06	9117.26	17.2%	36,469.06	9117.26	17.2%
1:00 PM	806.88	201.72	0.4%	35,486.99	8871.75	16.8%	35,486.99	8871.75	16.8%
1:15 PM	699.59	174.90	0.3%	38,348.44	9587.11	18.1%	38,348.44	9587.11	18.1%
1:30 PM	574.39	143.60	0.3%	40,909.29	10227.32	19.3%	40,909.29	10227.32	19.3%
1:45 PM	466.32	116.58	0.2%	44,230.71	11057.68	20.9%	44,230.71	11057.68	20.9%
2:00 PM	338.07	84.52	0.2%	46,501.53	11625.38	21.9%	46,501.53	11625.38	21.9%
2:15 PM	230.27	57.57	0.1%	49,603.62	12400.90	23.4%	49,603.62	12400.90	23.4%
2:30 PM	125.76	31.44	0.1%	52,868.08	13217.02	25.0%	52,868.08	13217.02	25.0%
2:45 PM	58.16	14.54	0.0%	58,293.49	14573.37	27.5%	58,293.49	14573.37	27.5%
3:00 PM	26.27	6.57	0.0%	62,994.44	15748.61	29.7%	62,994.44	15748.61	29.7%
3:15 PM	37.74	9.43	0.0%	66,789.13	16697.28	31.5%	66,789.13	16697.28	31.5%
3:30 PM	56.58	14.15	0.0%	69,330.20	17332.55	32.7%	69,330.20	17332.55	32.7%
3:45 PM	79.10	19.77	0.0%	72,227.22	18056.80	34.1%	72,227.22	18056.80	34.1%
4:00 PM	112.12	28.03	0.1%	73,692.33	18423.08	34.8%	73,692.33	18423.08	34.8%
4:15 PM	152.40	38.10	0.1%	75,355.92	18838.98	35.6%	75,355.92	18838.98	35.6%
4:30 PM	210.54	52.63	0.1%	75,726.50	18931.63	35.7%	75,726.48	18931.62	35.7%
4:45 PM	303.30	75.83	0.1%	75,686.54	18921.63	35.7%	75,686.54	18921.63	35.7%
5:00 PM	1,828.94	457.23	0.9%	72,861.57	18215.39	34.4%	72,861.57	18215.39	34.4%
5:15 PM	2,854.27	713.57	1.3%	70,300.63	17575.16	33.2%	70,300.63	17575.16	33.2%
5:30 PM	4,092.47	1023.12	1.9%	64,275.93	16068.98	30.3%	64,275.93	16068.98	30.3%
5:45 PM	3,907.26	976.81	1.8%	57,880.75	14470.19	27.3%	57,880.75	14470.19	27.3%
6:00 PM	3,356.61	839.15	1.6%	52,677.75	13169.44	24.9%	52,677.75	13169.44	24.9%
6:15 PM	4,689.83	1266.25	2.2%	47,509.14	12827.47	22.4%	47,509.14	12827.47	22.4%
6:31 PM	11,590.16	1622.62	5.5%	44,542.17	6235.90	21.0%	44,542.17	6235.90	21.0%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	9,141.70	731.34	4.3%	11,668.27	933.46	5.5%	11,668.27	933.46	5.5%
8:00 AM	8,256.33	1733.83	3.9%	11,763.20	2470.27	5.6%	11,763.20	2470.27	5.6%
8:15 AM	7,174.59	1793.65	3.4%	12,639.80	3159.95	6.0%	12,639.80	3159.95	6.0%
8:30 AM	6,125.19	1531.30	2.9%	16,348.98	4087.25	7.7%	16,348.98	4087.25	7.7%
8:45 AM	5,274.94	1318.73	2.5%	19,381.25	4845.31	9.1%	19,381.25	4845.31	9.1%
9:00 AM	4,607.94	1151.99	2.2%	23,629.95	5907.49	11.2%	23,629.95	5907.49	11.2%
9:15 AM	4,100.29	1025.07	1.9%	28,613.67	7153.42	13.5%	28,613.67	7153.42	13.5%
9:30 AM	3,669.11	917.28	1.7%	33,030.99	8257.75	15.6%	33,030.99	8257.75	15.6%
9:45 AM	3,326.22	831.55	1.6%	37,442.47	9360.62	17.7%	37,442.47	9360.62	17.7%
10:00 AM	3,015.49	753.87	1.4%	40,249.48	10062.37	19.0%	40,249.48	10062.37	19.0%
10:15 AM	2,762.36	690.59	1.3%	42,486.58	10621.64	20.1%	42,486.58	10621.64	20.1%
10:30 AM	2,520.17	630.04	1.2%	43,928.83	10982.21	20.7%	43,928.83	10982.21	20.7%
10:45 AM	2,320.05	580.01	1.1%	45,636.94	11409.24	21.5%	45,636.94	11409.24	21.5%
11:00 AM	2,120.32	530.08	1.0%	46,590.14	11647.54	22.0%	46,590.14	11647.54	22.0%
11:15 AM	1,952.96	488.24	0.9%	47,996.31	11999.08	22.7%	47,996.31	11999.08	22.7%
11:30 AM	1,779.68	444.92	0.8%	48,176.78	12044.20	22.7%	48,176.78	12044.20	22.7%
11:45 AM	1,633.06	408.27	0.8%	47,877.07	11969.27	22.6%	47,877.07	11969.27	22.6%
12:00 PM	1,475.89	368.97	0.7%	46,156.12	11539.03	21.8%	46,156.12	11539.03	21.8%
12:15 PM	1,341.55	335.39	0.6%	44,690.23	11172.56	21.1%	44,690.23	11172.56	21.1%
12:30 PM	1,192.82	298.21	0.6%	42,700.84	10675.21	20.2%	42,700.84	10675.21	20.2%
12:45 PM	1,065.99	266.50	0.5%	41,818.43	10454.61	19.7%	41,818.43	10454.61	19.7%
1:00 PM	927.07	231.77	0.4%	41,392.58	10348.15	19.5%	41,392.58	10348.15	19.5%
1:15 PM	814.71	203.68	0.4%	44,502.02	11125.50	21.0%	44,502.02	11125.50	21.0%
1:30 PM	684.63	171.16	0.3%	47,709.68	11927.42	22.5%	47,709.68	11927.42	22.5%
1:45 PM	571.87	142.97	0.3%	51,626.91	12906.73	24.4%	51,626.91	12906.73	24.4%
2:00 PM	439.49	109.87	0.2%	54,150.10	13537.53	25.6%	54,150.10	13537.53	25.6%
2:15 PM	322.76	80.69	0.2%	57,712.29	14428.07	27.2%	57,712.29	14428.07	27.2%
2:30 PM	201.56	50.39	0.1%	61,696.10	15424.03	29.1%	61,696.10	15424.03	29.1%
2:45 PM	117.16	29.29	0.1%	67,554.09	16888.52	31.9%	67,554.06	16888.52	31.9%
3:00 PM	53.63	13.41	0.0%	72,178.62	18044.66	34.1%	72,178.57	18044.64	34.1%
3:15 PM	28.63	7.16	0.0%	76,557.56	19139.39	36.1%	76,557.48	19139.37	36.1%
3:30 PM	44.65	11.16	0.0%	80,042.96	20010.74	37.8%	80,042.96	20010.74	37.8%
3:45 PM	65.37	16.34	0.0%	83,621.32	20905.33	39.5%	83,621.32	20905.33	39.5%
4:00 PM	96.17	24.04	0.0%	85,701.05	21425.26	40.5%	85,701.05	21425.26	40.5%
4:15 PM	135.62	33.91	0.1%	88,072.92	22018.23	41.6%	88,072.92	22018.23	41.6%
4:30 PM	190.81	47.70	0.1%	88,755.83	22188.96	41.9%	88,755.83	22188.96	41.9%
4:45 PM	1,620.12	405.03	0.8%	87,983.31	21995.83	41.5%	87,983.31	21995.83	41.5%
5:00 PM	4,036.63	1009.16	1.9%	85,551.46	21387.87	40.4%	85,551.46	21387.87	40.4%
5:15 PM	4,940.57	1235.14	2.3%	81,939.66	20484.91	38.7%	81,939.63	20484.91	38.7%
5:30 PM	5,307.40	1326.85	2.5%	75,117.72	18779.43	35.5%	75,117.72	18779.43	35.5%
5:45 PM	4,916.15	1229.04	2.3%	67,866.10	16966.53	32.0%	67,866.10	16966.53	32.0%
6:00 PM	6,770.93	1692.73	3.2%	58,969.93	14742.48	27.8%	58,969.93	14742.48	27.8%
6:15 PM	7,627.56	1372.96	3.6%	56,031.76	10085.72	26.4%	56,031.76	10085.72	26.4%
6:21 PM	12,220.79	611.04	5.8%	54,670.97	2733.55	25.8%	54,670.97	2733.55	25.8%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	10,513.43	210.27	5.0%	12,177.47	243.55	5.7%	12,177.47	243.55	5.7%
8:00 AM	10,078.87	1511.83	4.8%	13,371.45	2005.72	6.3%	13,371.45	2005.72	6.3%
8:15 AM	8,510.75	2127.69	4.0%	18,034.36	4508.59	8.5%	18,034.36	4508.59	8.5%
8:30 AM	7,274.53	1818.63	3.4%	21,687.55	5421.89	10.2%	21,687.55	5421.89	10.2%
8:45 AM	6,154.67	1538.67	2.9%	26,570.39	6642.60	12.5%	26,570.39	6642.60	12.5%
9:00 AM	5,302.55	1325.64	2.5%	31,217.84	7804.46	14.7%	31,217.84	7804.46	14.7%
9:15 AM	4,669.35	1167.34	2.2%	36,266.45	9066.61	17.1%	36,266.45	9066.61	17.1%
9:30 AM	4,144.62	1036.16	2.0%	40,750.78	10187.70	19.2%	40,750.78	10187.70	19.2%
9:45 AM	3,732.66	933.16	1.8%	45,188.31	11297.08	21.3%	45,188.31	11297.08	21.3%
10:00 AM	3,366.74	841.69	1.6%	48,043.89	12010.97	22.7%	48,043.89	12010.97	22.7%
10:15 AM	3,073.01	768.25	1.5%	49,807.54	12451.88	23.5%	49,807.54	12451.88	23.5%
10:30 AM	2,795.94	698.99	1.3%	50,806.25	12701.56	24.0%	50,806.25	12701.56	24.0%
10:45 AM	2,569.19	642.30	1.2%	52,163.80	13040.95	24.6%	52,163.80	13040.95	24.6%
11:00 AM	2,345.36	586.34	1.1%	52,805.04	13201.26	24.9%	52,805.04	13201.26	24.9%
11:15 AM	2,158.54	539.63	1.0%	54,078.70	13519.67	25.5%	54,078.70	13519.67	25.5%
11:30 AM	1,968.58	492.15	0.9%	53,979.96	13494.99	25.5%	53,979.96	13494.99	25.5%
11:45 AM	1,807.90	451.97	0.9%	53,282.27	13320.57	25.1%	53,282.27	13320.57	25.1%
12:00 PM	1,638.82	409.71	0.8%	51,497.72	12874.43	24.3%	51,497.72	12874.43	24.3%
12:15 PM	1,493.23	373.31	0.7%	50,126.49	12531.62	23.7%	50,126.49	12531.62	23.7%
12:30 PM	1,335.90	333.97	0.6%	48,245.07	12061.27	22.8%	48,245.07	12061.27	22.8%
12:45 PM	1,200.62	300.16	0.6%	47,442.08	11860.52	22.4%	47,442.08	11860.52	22.4%
1:00 PM	1,056.98	264.25	0.5%	47,846.59	11961.65	22.6%	47,846.59	11961.65	22.6%
1:15 PM	938.57	234.64	0.4%	51,542.10	12885.53	24.3%	51,542.10	12885.53	24.3%
1:30 PM	803.24	200.81	0.4%	55,394.87	13848.72	26.1%	55,394.87	13848.72	26.1%
1:45 PM	686.11	171.53	0.3%	59,994.53	14998.63	28.3%	59,994.53	14998.63	28.3%
2:00 PM	549.30	137.33	0.3%	62,536.78	15634.20	29.5%	62,536.78	15634.20	29.5%
2:15 PM	427.62	106.90	0.2%	66,694.06	16673.51	31.5%	66,694.06	16673.51	31.5%
2:30 PM	291.59	72.90	0.1%	71,343.52	17835.88	33.7%	71,343.52	17835.88	33.7%
2:45 PM	190.57	47.64	0.1%	77,666.43	19416.61	36.7%	77,666.43	19416.61	36.7%
3:00 PM	110.64	27.66	0.1%	82,658.12	20664.53	39.0%	82,658.09	20664.52	39.0%
3:15 PM	57.98	14.49	0.0%	87,894.01	21973.50	41.5%	87,894.01	21973.50	41.5%
3:30 PM	32.75	8.19	0.0%	92,123.94	23030.99	43.5%	92,123.94	23030.99	43.5%
3:45 PM	51.65	12.91	0.0%	96,678.04	24169.51	45.6%	96,678.04	24169.51	45.6%
4:00 PM	79.63	19.91	0.0%	99,356.91	24839.23	46.9%	99,356.91	24839.23	46.9%
4:15 PM	117.59	29.40	0.1%	102,578.24	25644.56	48.4%	102,578.19	25644.55	48.4%
4:30 PM	873.46	218.37	0.4%	102,184.02	25546.01	48.2%	102,184.02	25546.01	48.2%
4:45 PM	4,312.09	1078.02	2.0%	101,590.28	25397.57	48.0%	101,590.28	25397.57	48.0%
5:00 PM	5,777.77	1444.44	2.7%	96,959.63	24239.91	45.8%	96,959.63	24239.91	45.8%
5:15 PM	6,856.46	1714.11	3.2%	92,957.74	23239.43	43.9%	92,957.74	23239.43	43.9%
5:30 PM	5,999.24	1499.81	2.8%	84,153.63	21038.41	39.7%	84,153.63	21038.41	39.7%
5:45 PM	9,767.66	2441.91	4.6%	72,147.69	18036.92	34.1%	72,147.69	18036.92	34.1%
6:00 PM	15,208.35	3193.75	7.2%	60,255.24	12653.60	28.4%	60,255.24	12653.60	28.4%
6:09 PM	20,477.60	1638.21	9.7%	54,521.84	4361.75	25.7%	54,521.84	4361.75	25.7%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	11,917.94	1191.79	5.6%	21,060.95	2106.09	9.9%	21,060.95	2106.09	9.9%
8:15 AM	10,122.91	2227.04	4.8%	25,301.50	5566.33	11.9%	25,301.50	5566.33	11.9%
8:30 AM	8,587.33	2146.83	4.1%	30,865.86	7716.47	14.6%	30,865.86	7716.47	14.6%
8:45 AM	7,192.22	1798.06	3.4%	35,511.52	8877.88	16.8%	35,511.52	8877.88	16.8%
9:00 AM	6,107.55	1526.89	2.9%	39,832.40	9958.10	18.8%	39,832.40	9958.10	18.8%
9:15 AM	5,319.81	1329.95	2.5%	44,691.78	11172.95	21.1%	44,691.78	11172.95	21.1%
9:30 AM	4,679.16	1169.79	2.2%	49,172.03	12293.01	23.2%	49,172.03	12293.01	23.2%
9:45 AM	4,187.00	1046.75	2.0%	53,567.99	13392.00	25.3%	53,567.99	13392.00	25.3%
10:00 AM	3,756.41	939.10	1.8%	56,605.38	14151.34	26.7%	56,605.38	14151.34	26.7%
10:15 AM	3,414.69	853.67	1.6%	57,738.91	14434.73	27.3%	57,738.91	14434.73	27.3%
10:30 AM	3,097.69	774.42	1.5%	58,198.16	14549.54	27.5%	58,198.16	14549.54	27.5%
10:45 AM	2,839.63	709.91	1.3%	59,127.23	14781.81	27.9%	59,127.23	14781.81	27.9%
11:00 AM	2,589.67	647.42	1.2%	59,472.43	14868.11	28.1%	59,472.43	14868.11	28.1%
11:15 AM	2,381.00	595.25	1.1%	60,599.80	15149.95	28.6%	60,599.80	15149.95	28.6%
11:30 AM	2,171.64	542.91	1.0%	60,164.22	15041.05	28.4%	60,164.22	15041.05	28.4%
11:45 AM	1,995.15	498.79	0.9%	59,045.00	14761.25	27.9%	59,045.00	14761.25	27.9%
12:00 PM	1,811.62	452.91	0.9%	57,222.92	14305.73	27.0%	57,222.92	14305.73	27.0%
12:15 PM	1,654.50	413.63	0.8%	55,996.49	13999.12	26.4%	55,996.49	13999.12	26.4%
12:30 PM	1,486.90	371.73	0.7%	54,266.16	13566.54	25.6%	54,266.16	13566.54	25.6%
12:45 PM	1,338.44	334.61	0.6%	53,398.97	13349.74	25.2%	53,398.97	13349.74	25.2%
1:00 PM	1,188.77	297.19	0.6%	55,051.89	13762.97	26.0%	55,051.89	13762.97	26.0%
1:15 PM	1,068.56	267.14	0.5%	59,613.44	14903.36	28.1%	59,613.44	14903.36	28.1%
1:30 PM	931.25	232.81	0.4%	64,121.22	16030.31	30.3%	64,121.22	16030.31	30.3%
1:45 PM	807.87	201.97	0.4%	68,979.53	17244.88	32.6%	68,979.53	17244.88	32.6%
2:00 PM	667.02	166.76	0.3%	71,934.26	17983.56	34.0%	71,934.26	17983.56	34.0%
2:15 PM	540.57	135.14	0.3%	76,793.29	19198.32	36.2%	76,793.29	19198.32	36.2%
2:30 PM	396.10	99.02	0.2%	81,852.82	20463.20	38.6%	81,852.82	20463.20	38.6%
2:45 PM	277.47	69.37	0.1%	88,659.85	22164.96	41.8%	88,659.82	22164.96	41.8%
3:00 PM	178.96	44.74	0.1%	94,470.67	23617.67	44.6%	94,470.64	23617.66	44.6%
3:15 PM	115.87	28.97	0.1%	100,686.72	25171.68	47.5%	100,686.72	25171.68	47.5%
3:30 PM	56.39	14.10	0.0%	105,826.76	26456.69	50.0%	105,826.76	26456.69	50.0%
3:45 PM	37.98	9.50	0.0%	111,298.62	27824.66	52.5%	111,298.59	27824.65	52.5%
4:00 PM	63.31	15.83	0.0%	115,304.43	28826.11	54.4%	115,304.43	28826.11	54.4%
4:15 PM	98.34	24.59	0.0%	118,289.23	29572.31	55.8%	118,289.23	29572.31	55.8%
4:30 PM	3,362.48	840.62	1.6%	117,516.76	29379.19	55.5%	117,516.76	29379.19	55.5%
4:45 PM	6,645.68	1661.42	3.1%	115,429.57	28857.39	54.5%	115,429.57	28857.39	54.5%
5:00 PM	8,176.97	2044.24	3.9%	110,701.69	27675.42	52.3%	110,701.69	27675.42	52.3%
5:15 PM	9,519.89	2379.97	4.5%	103,102.67	25775.67	48.7%	103,102.67	25775.67	48.7%
5:30 PM	15,825.81	3956.45	7.5%	87,133.06	21783.27	41.1%	87,133.06	21783.27	41.1%
5:45 PM	24,498.51	5634.66	11.6%	71,353.92	16411.40	33.7%	71,353.92	16411.40	33.7%
5:58 PM	37,826.77	4160.94	17.9%	55,978.10	6157.59	26.4%	55,978.10	6157.59	26.4%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	13,386.83	535.47	6.3%	31,578.34	1263.13	14.9%	31,578.34	1263.13	14.9%
8:15 AM	12,264.37	2084.94	5.8%	34,334.40	5836.85	16.2%	34,334.40	5836.85	16.2%
8:30 AM	10,058.60	2514.65	4.7%	41,339.51	10334.88	19.5%	41,339.51	10334.88	19.5%
8:45 AM	8,434.55	2108.64	4.0%	45,466.98	11366.75	21.5%	45,466.98	11366.75	21.5%
9:00 AM	7,050.35	1762.59	3.3%	49,352.23	12338.06	23.3%	49,352.23	12338.06	23.3%
9:15 AM	6,070.08	1517.52	2.9%	53,846.42	13461.61	25.4%	53,846.42	13461.61	25.4%
9:30 AM	5,288.82	1322.21	2.5%	58,209.76	14552.44	27.5%	58,209.76	14552.44	27.5%
9:45 AM	4,699.02	1174.76	2.2%	62,588.83	15647.21	29.5%	62,588.83	15647.21	29.5%
10:00 AM	4,192.31	1048.08	2.0%	65,932.36	16483.09	31.1%	65,932.36	16483.09	31.1%
10:15 AM	3,793.13	948.28	1.8%	66,529.75	16632.44	31.4%	66,529.75	16632.44	31.4%
10:30 AM	3,429.65	857.41	1.6%	66,316.05	16579.01	31.3%	66,316.05	16579.01	31.3%
10:45 AM	3,136.53	784.13	1.5%	66,737.34	16684.34	31.5%	66,737.34	16684.34	31.5%
11:00 AM	2,854.94	713.73	1.3%	66,736.35	16684.09	31.5%	66,736.35	16684.09	31.5%
11:15 AM	2,623.25	655.81	1.2%	67,656.66	16914.17	31.9%	67,656.66	16914.17	31.9%
11:30 AM	2,392.26	598.07	1.1%	66,728.87	16682.22	31.5%	66,728.87	16682.22	31.5%
11:45 AM	2,198.39	549.60	1.0%	65,241.97	16310.49	30.8%	65,241.97	16310.49	30.8%
12:00 PM	1,998.47	499.62	0.9%	63,444.20	15861.05	29.9%	63,444.20	15861.05	29.9%
12:15 PM	1,828.11	457.03	0.9%	62,402.31	15600.58	29.5%	62,402.31	15600.58	29.5%
12:30 PM	1,647.94	411.98	0.8%	60,891.74	15222.93	28.7%	60,891.74	15222.93	28.7%
12:45 PM	1,499.88	374.97	0.7%	59,899.03	14974.76	28.3%	59,899.03	14974.76	28.3%
1:00 PM	1,356.29	339.07	0.6%	62,109.99	15527.50	29.3%	62,109.99	15527.50	29.3%
1:15 PM	1,221.63	305.41	0.6%	68,016.55	17004.14	32.1%	68,016.52	17004.13	32.1%
1:30 PM	1,069.15	267.29	0.5%	73,764.89	18441.22	34.8%	73,764.89	18441.22	34.8%
1:45 PM	941.11	235.28	0.4%	78,902.09	19725.52	37.2%	78,902.09	19725.52	37.2%
2:00 PM	794.31	198.58	0.4%	82,580.52	20645.13	39.0%	82,580.52	20645.13	39.0%
2:15 PM	663.49	165.87	0.3%	88,040.81	22010.20	41.6%	88,040.81	22010.20	41.6%
2:30 PM	514.51	128.63	0.2%	93,433.36	23358.34	44.1%	93,433.36	23358.34	44.1%
2:45 PM	379.93	94.98	0.2%	100,626.73	25156.68	47.5%	100,626.73	25156.68	47.5%
3:00 PM	258.25	64.56	0.1%	107,138.88	26784.72	50.6%	107,138.88	26784.72	50.6%
3:15 PM	184.67	46.17	0.1%	114,441.88	28610.47	54.0%	114,441.88	28610.47	54.0%
3:30 PM	114.93	28.73	0.1%	121,239.37	30309.84	57.2%	121,239.37	30309.84	57.2%
3:45 PM	66.98	16.75	0.0%	127,908.05	31977.01	60.4%	127,908.05	31977.01	60.4%
4:00 PM	129.67	32.42	0.1%	132,399.05	33099.76	62.5%	132,399.02	33099.76	62.5%
4:15 PM	2,295.77	573.94	1.1%	134,590.74	33647.69	63.5%	134,590.74	33647.69	63.5%
4:30 PM	7,164.62	1791.15	3.4%	132,414.65	33103.66	62.5%	132,414.65	33103.66	62.5%
4:45 PM	10,230.33	2557.58	4.8%	128,554.03	32138.51	60.7%	128,554.03	32138.51	60.7%
5:00 PM	14,013.22	3503.31	6.6%	119,549.08	29887.27	56.4%	119,549.08	29887.27	56.4%
5:15 PM	20,443.46	5110.86	9.6%	103,549.21	25887.30	48.9%	103,549.21	25887.30	48.9%
5:30 PM	32,583.59	8797.57	15.4%	82,637.48	22312.12	39.0%	82,637.48	22312.12	39.0%
5:47 PM	55,501.30	7770.18	26.2%	54,285.11	7599.92	25.6%	54,285.11	7599.92	25.6%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	14,871.03	1784.52	7.0%	44,273.92	5312.87	20.9%	44,273.92	5312.87	20.9%
8:30 AM	11,934.77	2864.35	5.6%	51,580.59	12379.34	24.3%	51,580.59	12379.34	24.3%
8:45 AM	9,939.25	2484.81	4.7%	55,942.21	13985.55	26.4%	55,942.21	13985.55	26.4%
9:00 AM	8,162.84	2040.71	3.9%	59,342.11	14835.53	28.0%	59,342.11	14835.53	28.0%
9:15 AM	6,939.31	1734.83	3.3%	63,496.66	15874.16	30.0%	63,496.66	15874.16	30.0%
9:30 AM	5,985.79	1496.45	2.8%	67,680.04	16920.01	31.9%	67,680.04	16920.01	31.9%
9:45 AM	5,277.51	1319.38	2.5%	72,280.61	18070.15	34.1%	72,280.61	18070.15	34.1%
10:00 AM	4,676.88	1169.22	2.2%	75,573.24	18893.31	35.7%	75,573.24	18893.31	35.7%
10:15 AM	4,212.76	1053.19	2.0%	76,393.42	19098.35	36.1%	76,393.42	19098.35	36.1%
10:30 AM	3,794.92	948.73	1.8%	75,259.48	18814.87	35.5%	75,259.48	18814.87	35.5%
10:45 AM	3,460.77	865.19	1.6%	75,087.68	18771.92	35.4%	75,087.68	18771.92	35.4%
11:00 AM	3,144.09	786.02	1.5%	74,638.72	18659.68	35.2%	74,638.72	18659.68	35.2%
11:15 AM	2,884.93	721.23	1.4%	75,232.41	18808.10	35.5%	75,232.41	18808.10	35.5%
11:30 AM	2,630.51	657.63	1.2%	73,606.48	18401.62	34.7%	73,606.48	18401.62	34.7%
11:45 AM	2,416.68	604.17	1.1%	71,786.55	17946.64	33.9%	71,786.55	17946.64	33.9%
12:00 PM	2,199.92	549.98	1.0%	69,910.46	17477.62	33.0%	69,910.46	17477.62	33.0%
12:15 PM	2,014.82	503.70	1.0%	68,986.21	17246.55	32.6%	68,986.21	17246.55	32.6%
12:30 PM	1,820.98	455.24	0.9%	67,920.89	16980.22	32.1%	67,920.89	16980.22	32.1%
12:45 PM	1,658.23	414.56	0.8%	67,217.82	16804.45	31.7%	67,217.82	16804.45	31.7%
1:00 PM	1,500.28	375.07	0.7%	70,884.81	17721.20	33.5%	70,884.81	17721.20	33.5%
1:15 PM	1,364.44	341.11	0.6%	78,016.97	19504.24	36.8%	78,016.97	19504.24	36.8%
1:30 PM	1,214.61	303.65	0.6%	84,618.61	21154.65	39.9%	84,618.61	21154.65	39.9%
1:45 PM	1,082.90	270.73	0.5%	90,160.83	22540.21	42.6%	90,160.83	22540.21	42.6%
2:00 PM	932.88	233.22	0.4%	94,650.49	23662.62	44.7%	94,650.49	23662.62	44.7%
2:15 PM	797.23	199.31	0.4%	100,694.17	25173.54	47.5%	100,694.17	25173.54	47.5%
2:30 PM	642.28	160.57	0.3%	106,574.70	26643.67	50.3%	106,574.70	26643.67	50.3%
2:45 PM	500.66	125.16	0.2%	114,047.28	28511.82	53.8%	114,047.28	28511.82	53.8%
3:00 PM	351.82	87.95	0.2%	121,106.29	30276.57	57.2%	121,106.29	30276.57	57.2%
3:15 PM	421.67	105.42	0.2%	129,462.47	32365.62	61.1%	129,462.44	32365.61	61.1%
3:30 PM	604.84	151.21	0.3%	138,273.50	34568.37	65.3%	138,273.50	34568.37	65.3%
3:45 PM	1,372.32	343.08	0.6%	144,914.81	36228.70	68.4%	144,914.81	36228.70	68.4%
4:00 PM	2,741.02	685.26	1.3%	147,328.62	36832.15	69.5%	147,328.62	36832.15	69.5%
4:15 PM	7,407.42	1851.86	3.5%	148,854.95	37213.74	70.3%	148,854.95	37213.74	70.3%
4:30 PM	11,696.12	2924.03	5.5%	143,313.16	35828.29	67.6%	143,313.16	35828.29	67.6%
4:45 PM	16,994.27	4248.57	8.0%	133,872.12	33468.03	63.2%	133,872.12	33468.03	63.2%
5:00 PM	24,616.68	6154.17	11.6%	118,691.89	29672.97	56.0%	118,691.89	29672.97	56.0%
5:15 PM	36,504.76	9126.19	17.2%	99,047.36	24761.84	46.8%	99,047.36	24761.84	46.8%
5:30 PM	55,426.60	10531.05	26.2%	73,150.77	13898.65	34.5%	73,150.77	13898.65	34.5%
5:37 PM	65,525.39	3931.52	30.9%	61,089.76	3665.39	28.8%	61,089.76	3665.39	28.8%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	16,310.17	978.61	7.7%	57,250.82	3435.05	27.0%	57,250.82	3435.05	27.0%
8:30 AM	14,353.43	2583.62	6.8%	60,145.51	10826.19	28.4%	59,793.80	10762.88	28.2%
8:45 AM	11,639.96	2909.99	5.5%	64,781.60	16195.40	30.6%	64,640.67	16160.17	30.5%
9:00 AM	9,481.96	2370.49	4.5%	66,999.75	16749.94	31.6%	68,024.70	17006.17	32.1%
9:15 AM	7,946.89	1986.72	3.8%	72,939.54	18234.88	34.4%	72,956.56	18239.14	34.4%
9:30 AM	6,779.24	1694.81	3.2%	76,441.64	19110.41	36.1%	76,441.64	19110.41	36.1%
9:45 AM	5,928.91	1482.23	2.8%	80,772.17	20193.04	38.1%	80,772.17	20193.04	38.1%
10:00 AM	5,217.74	1304.44	2.5%	84,320.66	21080.17	39.8%	84,320.66	21080.17	39.8%
10:15 AM	4,674.84	1168.71	2.2%	86,342.08	21585.52	40.8%	86,342.08	21585.52	40.8%
10:30 AM	4,194.02	1048.51	2.0%	84,954.61	21238.65	40.1%	84,954.61	21238.65	40.1%
10:45 AM	3,813.04	953.26	1.8%	84,303.29	21075.82	39.8%	84,303.32	21075.83	39.8%
11:00 AM	3,456.96	864.24	1.6%	83,220.50	20805.13	39.3%	83,220.50	20805.13	39.3%
11:15 AM	3,167.33	791.83	1.5%	83,421.34	20855.33	39.4%	83,421.34	20855.33	39.4%
11:30 AM	2,885.57	721.39	1.4%	81,006.05	20251.51	38.2%	81,006.05	20251.51	38.2%
11:45 AM	2,651.69	662.92	1.3%	78,803.10	19700.78	37.2%	78,803.10	19700.78	37.2%
12:00 PM	2,414.56	603.64	1.1%	76,461.58	19115.39	36.1%	76,461.58	19115.39	36.1%
12:15 PM	2,214.32	553.58	1.0%	75,145.28	18786.32	35.5%	75,145.28	18786.32	35.5%
12:30 PM	2,005.47	501.37	0.9%	73,901.29	18475.32	34.9%	73,901.29	18475.32	34.9%
12:45 PM	1,834.33	458.58	0.9%	73,968.40	18492.10	34.9%	73,968.40	18492.10	34.9%
1:00 PM	1,667.72	416.93	0.8%	78,620.49	19655.12	37.1%	78,620.49	19655.12	37.1%
1:15 PM	1,525.61	381.40	0.7%	86,541.28	21635.32	40.8%	86,541.28	21635.32	40.8%
1:30 PM	1,368.62	342.16	0.6%	93,829.45	23457.36	44.3%	93,829.43	23457.36	44.3%
1:45 PM	1,231.58	307.89	0.6%	99,830.30	24957.58	47.1%	99,830.30	24957.58	47.1%
2:00 PM	1,077.11	269.28	0.5%	104,957.37	26239.34	49.5%	104,957.32	26239.33	49.5%
2:15 PM	938.65	234.66	0.4%	111,513.90	27878.48	52.6%	111,513.85	27878.46	52.6%
2:30 PM	808.97	202.24	0.4%	117,906.91	29476.73	55.7%	117,906.91	29476.73	55.7%
2:45 PM	878.50	219.62	0.4%	125,470.06	31367.52	59.2%	125,470.06	31367.52	59.2%
3:00 PM	1,495.94	373.98	0.7%	132,402.10	33100.53	62.5%	132,402.10	33100.53	62.5%
3:15 PM	2,527.30	631.82	1.2%	140,544.87	35136.22	66.3%	140,544.85	35136.21	66.3%
3:30 PM	3,386.42	846.60	1.6%	150,679.20	37669.80	71.1%	150,679.20	37669.80	71.1%
3:45 PM	4,935.42	1233.86	2.3%	155,826.02	38956.50	73.6%	155,826.02	38956.50	73.6%
4:00 PM	8,118.22	2029.55	3.8%	157,798.92	39449.73	74.5%	157,798.89	39449.72	74.5%
4:15 PM	13,218.56	3304.64	6.2%	153,359.65	38339.91	72.4%	153,359.65	38339.91	72.4%
4:30 PM	18,975.37	4743.84	9.0%	143,294.07	35823.52	67.6%	143,294.07	35823.52	67.6%
4:45 PM	27,471.62	6867.90	13.0%	129,930.51	32482.63	61.3%	129,930.51	32482.63	61.3%
5:00 PM	39,363.26	9840.82	18.6%	113,015.63	28253.91	53.3%	113,015.63	28253.91	53.3%
5:15 PM	54,858.51	12068.87	25.9%	92,615.89	20375.50	43.7%	92,615.89	20375.50	43.7%
5:27 PM	73,098.91	7309.89	34.5%	69,082.65	6908.26	32.6%	69,082.65	6908.26	32.6%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	17,708.46	2302.10	8.4%	70,166.83	9121.69	33.1%	70,166.83	9121.69	33.1%
7:45 AM	13,706.14	3426.53	6.5%	78,757.51	19689.38	37.2%	78,757.51	19689.38	37.2%
8:00 AM	11,108.70	2777.17	5.2%	81,161.38	20290.34	38.3%	81,161.38	20290.34	38.3%
8:15 AM	9,137.22	2284.30	4.3%	83,391.67	20847.92	39.4%	83,391.67	20847.92	39.4%
8:30 AM	7,692.88	1923.22	3.6%	86,066.43	21516.61	40.6%	86,066.43	21516.61	40.6%
8:45 AM	6,665.94	1666.49	3.1%	89,211.03	22302.76	42.1%	89,211.03	22302.76	42.1%
9:00 AM	5,824.54	1456.13	2.7%	91,811.98	22953.00	43.3%	91,811.98	22953.00	43.3%
9:15 AM	5,188.15	1297.04	2.4%	94,576.06	23644.01	44.6%	94,576.06	23644.01	44.6%
9:30 AM	4,632.33	1158.08	2.2%	92,919.11	23229.78	43.9%	92,919.11	23229.78	43.9%
9:45 AM	4,197.59	1049.40	2.0%	92,021.53	23005.38	43.4%	92,021.53	23005.38	43.4%
10:00 AM	3,795.83	948.96	1.8%	91,434.78	22858.70	43.2%	91,434.78	22858.70	43.2%
10:15 AM	3,471.95	867.99	1.6%	91,891.45	22972.86	43.4%	91,891.45	22972.86	43.4%
10:30 AM	3,159.88	789.97	1.5%	89,525.46	22381.36	42.3%	89,525.46	22381.36	42.3%
10:45 AM	2,902.30	725.57	1.4%	86,691.72	21672.93	40.9%	86,691.72	21672.93	40.9%
11:00 AM	2,644.34	661.09	1.2%	83,804.49	20951.12	39.6%	83,804.49	20951.12	39.6%
11:15 AM	2,426.19	606.55	1.1%	82,003.93	20500.98	38.7%	82,003.93	20500.98	38.7%
11:30 AM	2,201.26	550.32	1.0%	80,675.41	20168.85	38.1%	80,675.41	20168.85	38.1%
11:45 AM	2,021.60	505.40	1.0%	81,487.60	20371.90	38.5%	81,487.57	20371.89	38.5%
12:00 PM	1,845.80	461.45	0.9%	86,982.67	21745.67	41.1%	86,982.67	21745.67	41.1%
12:15 PM	1,696.32	424.08	0.8%	95,725.08	23931.27	45.2%	95,725.08	23931.27	45.2%
12:30 PM	1,532.12	383.03	0.7%	103,521.93	25880.48	48.9%	103,521.93	25880.48	48.9%
12:45 PM	1,389.77	347.44	0.7%	110,320.98	27580.24	52.1%	110,320.95	27580.24	52.1%
1:00 PM	1,349.24	337.31	0.6%	115,925.35	28981.34	54.7%	115,925.35	28981.34	54.7%
1:15 PM	1,569.99	392.50	0.7%	122,857.08	30714.27	58.0%	122,857.05	30714.26	58.0%
1:30 PM	1,879.65	469.91	0.9%	128,966.34	32241.59	60.9%	128,966.34	32241.59	60.9%
1:45 PM	2,706.50	676.63	1.3%	136,439.70	34109.93	64.4%	136,439.70	34109.93	64.4%
2:00 PM	4,069.95	1017.49	1.9%	143,073.24	35768.31	67.5%	143,073.21	35768.30	67.5%
2:15 PM	5,733.30	1433.33	2.7%	150,836.24	37709.06	71.2%	150,836.21	37709.05	71.2%
2:30 PM	7,193.16	1798.29	3.4%	158,727.14	39681.78	74.9%	158,727.14	39681.78	74.9%
2:45 PM	9,807.11	2451.78	4.6%	162,829.81	40707.45	76.9%	162,829.81	40707.45	76.9%
3:00 PM	14,045.47	3511.37	6.6%	161,195.47	40298.87	76.1%	161,195.47	40298.87	76.1%
3:15 PM	20,379.75	5094.94	9.6%	151,369.41	37842.35	71.4%	151,369.41	37842.35	71.4%
3:30 PM	28,157.86	7039.46	13.3%	139,718.67	34929.67	65.9%	139,718.67	34929.67	65.9%
3:45 PM	39,670.29	9917.57	18.7%	125,199.00	31299.75	59.1%	125,199.00	31299.75	59.1%
4:00 PM	55,894.53	13973.63	26.4%	105,458.30	26364.57	49.8%	105,458.30	26364.57	49.8%
4:15 PM	81,046.44	12156.97	38.3%	76,967.68	11545.15	36.3%	76,967.68	11545.15	36.3%
4:18 PM	82,431.44	2472.94	38.9%	74,814.69	2244.44	35.3%	74,814.69	2244.44	35.3%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	19,225.17	1345.76	9.1%	81,062.63	5674.38	38.3%	81,062.63	5674.38	38.3%
7:45 AM	16,262.49	3089.87	7.7%	85,056.11	16160.66	40.1%	85,056.11	16160.66	40.1%
8:00 AM	12,988.83	3247.21	6.1%	91,350.65	22837.66	43.1%	91,350.62	22837.65	43.1%
8:15 AM	10,566.36	2641.59	5.0%	94,711.47	23677.87	44.7%	94,711.47	23677.87	44.7%
8:30 AM	8,758.68	2189.67	4.1%	94,594.31	23648.58	44.6%	94,594.31	23648.58	44.6%
8:45 AM	7,500.03	1875.01	3.5%	96,647.00	24161.75	45.6%	96,647.00	24161.75	45.6%
9:00 AM	6,501.32	1625.33	3.1%	98,539.55	24634.89	46.5%	98,539.55	24634.89	46.5%
9:15 AM	5,754.69	1438.67	2.7%	100,915.51	25228.88	47.6%	100,911.52	25227.88	47.6%
9:30 AM	5,111.41	1277.85	2.4%	100,115.17	25028.79	47.3%	100,115.17	25028.79	47.3%
9:45 AM	4,612.42	1153.10	2.2%	98,297.70	24574.43	46.4%	98,297.70	24574.43	46.4%
10:00 AM	4,158.54	1039.63	2.0%	97,332.73	24333.18	45.9%	97,332.73	24333.18	45.9%
10:15 AM	3,796.32	949.08	1.8%	97,447.88	24361.97	46.0%	97,447.88	24361.97	46.0%
10:30 AM	3,449.94	862.49	1.6%	94,765.69	23691.42	44.7%	94,765.69	23691.42	44.7%
10:45 AM	3,167.01	791.75	1.5%	91,852.86	22963.21	43.4%	91,852.86	22963.21	43.4%
11:00 AM	2,885.33	721.33	1.4%	89,217.41	22304.35	42.1%	89,217.41	22304.35	42.1%
11:15 AM	2,649.36	662.34	1.3%	87,313.64	21828.41	41.2%	87,313.64	21828.41	41.2%
11:30 AM	2,407.16	601.79	1.1%	86,487.99	21622.00	40.8%	86,487.99	21622.00	40.8%
11:45 AM	2,217.67	554.42	1.0%	88,041.02	22010.26	41.6%	88,041.02	22010.26	41.6%
12:00 PM	2,032.38	508.09	1.0%	94,553.65	23638.41	44.6%	94,553.65	23638.41	44.6%
12:15 PM	1,875.76	468.94	0.9%	104,003.77	26000.94	49.1%	104,003.77	26000.94	49.1%
12:30 PM	1,703.72	425.93	0.8%	112,740.44	28185.11	53.2%	112,740.44	28185.11	53.2%
12:45 PM	1,555.90	388.97	0.7%	120,002.00	30000.50	56.6%	120,002.00	30000.50	56.6%
1:00 PM	1,863.30	465.83	0.9%	125,882.99	31470.75	59.4%	125,882.99	31470.75	59.4%
1:15 PM	2,545.01	636.25	1.2%	132,199.69	33049.92	62.4%	132,199.69	33049.92	62.4%
1:30 PM	3,377.49	844.37	1.6%	137,921.17	34480.29	65.1%	137,921.17	34480.29	65.1%
1:45 PM	5,072.12	1268.03	2.4%	144,706.49	36176.62	68.3%	144,706.49	36176.62	68.3%
2:00 PM	7,136.74	1784.18	3.4%	151,102.26	37775.56	71.3%	151,102.26	37775.56	71.3%
2:15 PM	9,597.64	2399.41	4.5%	156,252.16	39063.04	73.8%	156,252.16	39063.04	73.8%
2:30 PM	11,888.59	2972.15	5.6%	159,781.44	39945.36	75.4%	159,781.44	39945.36	75.4%
2:45 PM	15,240.83	3810.21	7.2%	163,685.08	40921.27	77.3%	163,685.08	40921.27	77.3%
3:00 PM	20,120.18	5030.05	9.5%	158,196.06	39549.01	74.7%	158,196.06	39549.01	74.7%
3:15 PM	27,624.48	6906.12	13.0%	148,235.93	37058.98	70.0%	148,235.93	37058.98	70.0%
3:30 PM	37,201.91	9300.48	17.6%	136,511.99	34128.00	64.4%	136,511.99	34128.00	64.4%
3:45 PM	53,282.86	13320.72	25.1%	118,951.80	29737.95	56.1%	118,951.80	29737.95	56.1%
4:00 PM	73,895.18	15517.99	34.9%	96,556.41	20276.85	45.6%	96,556.41	20276.85	45.6%
4:10 PM	83,866.62	7548.00	39.6%	85,486.87	7693.82	40.4%	85,486.87	7693.82	40.4%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	20,655.60	206.56	9.7%	89,545.03	895.45	42.3%	89,545.03	895.45	42.3%
7:45 AM	20,124.85	2616.23	9.5%	90,032.07	11704.17	42.5%	90,032.07	11704.17	42.5%
8:00 AM	15,136.41	3784.10	7.1%	95,807.42	23951.85	45.2%	95,807.42	23951.85	45.2%
8:15 AM	12,212.67	3053.17	5.8%	101,213.16	25303.29	47.8%	101,213.16	25303.29	47.8%
8:30 AM	9,998.67	2499.67	4.7%	104,021.94	26005.49	49.1%	104,021.94	26005.49	49.1%
8:45 AM	8,469.61	2117.40	4.0%	104,317.04	26079.26	49.2%	104,317.04	26079.26	49.2%
9:00 AM	7,254.65	1813.66	3.4%	104,743.24	26185.81	49.4%	104,743.24	26185.81	49.4%
9:15 AM	6,376.33	1594.08	3.0%	106,473.76	26618.44	50.3%	106,473.22	26618.31	50.3%
9:30 AM	5,631.64	1407.91	2.7%	107,515.54	26878.89	50.7%	107,426.32	26856.58	50.7%
9:45 AM	5,060.84	1265.21	2.4%	104,480.09	26120.02	49.3%	104,416.86	26104.21	49.3%
10:00 AM	4,547.02	1136.75	2.1%	102,774.12	25693.53	48.5%	102,774.12	25693.53	48.5%
10:15 AM	4,140.17	1035.04	2.0%	102,402.92	25600.73	48.3%	102,402.92	25600.73	48.3%
10:30 AM	3,756.33	939.08	1.8%	99,145.64	24786.41	46.8%	99,145.64	24786.41	46.8%
10:45 AM	3,444.82	861.21	1.6%	95,717.82	23929.45	45.2%	95,717.82	23929.45	45.2%
11:00 AM	3,137.12	784.28	1.5%	92,716.78	23179.19	43.8%	92,716.78	23179.19	43.8%
11:15 AM	2,881.39	720.35	1.4%	90,471.74	22617.94	42.7%	90,471.74	22617.94	42.7%
11:30 AM	2,620.44	655.11	1.2%	89,641.38	22410.35	42.3%	89,641.38	22410.35	42.3%
11:45 AM	2,419.39	604.85	1.1%	91,792.58	22948.14	43.3%	91,792.58	22948.14	43.3%
12:00 PM	2,224.04	556.01	1.0%	99,119.97	24779.99	46.8%	99,119.97	24779.99	46.8%
12:15 PM	2,060.01	515.00	1.0%	109,199.75	27299.94	51.5%	109,199.75	27299.94	51.5%
12:30 PM	1,880.94	470.23	0.9%	118,906.93	29726.73	56.1%	118,906.93	29726.73	56.1%
12:45 PM	1,727.33	431.83	0.8%	126,613.48	31653.37	59.8%	126,613.48	31653.37	59.8%
1:00 PM	2,543.78	635.94	1.2%	132,562.66	33140.66	62.6%	132,562.66	33140.66	62.6%
1:15 PM	3,735.96	933.99	1.8%	138,509.63	34627.41	65.4%	138,509.63	34627.41	65.4%
1:30 PM	5,187.16	1296.79	2.4%	144,026.52	36006.63	68.0%	144,026.52	36006.63	68.0%
1:45 PM	7,723.94	1930.99	3.6%	151,086.36	37771.59	71.3%	151,086.36	37771.59	71.3%
2:00 PM	10,458.78	2614.69	4.9%	156,761.50	39190.38	74.0%	156,761.50	39190.38	74.0%
2:15 PM	13,710.64	3427.66	6.5%	158,921.33	39730.33	75.0%	158,921.33	39730.33	75.0%
2:30 PM	16,672.39	4168.10	7.9%	159,416.78	39854.20	75.2%	159,416.78	39854.20	75.2%
2:45 PM	20,404.99	5101.25	9.6%	161,709.82	40427.45	76.3%	161,709.82	40427.45	76.3%
3:00 PM	25,894.49	6473.62	12.2%	156,066.20	39016.55	73.7%	156,066.20	39016.55	73.7%
3:15 PM	34,518.33	8629.58	16.3%	146,460.92	36615.23	69.1%	146,460.92	36615.23	69.1%
3:30 PM	47,082.17	11770.54	22.2%	133,072.21	33268.05	62.8%	133,072.21	33268.05	62.8%
3:45 PM	66,064.96	16516.24	31.2%	113,025.60	28256.40	53.3%	113,025.60	28256.40	53.3%
4:00 PM	78,506.50	11775.97	37.1%	99,682.75	14952.41	47.1%	99,682.75	14952.41	47.1%
4:03 PM	82,643.78	2479.31	39.0%	95,774.51	2873.24	45.2%	95,774.51	2873.24	45.2%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	21,977.67	1758.21	10.4%	95,561.80	7644.94	45.1%	93,498.92	7479.91	44.1%
8:00 AM	18,151.25	3630.25	8.6%	99,239.94	19847.99	46.8%	99,239.91	19847.98	46.8%
8:15 AM	14,182.54	3545.63	6.7%	104,310.93	26077.73	49.2%	104,310.93	26077.73	49.2%
8:30 AM	11,371.58	2842.90	5.4%	108,558.94	27139.73	51.2%	108,558.94	27139.73	51.2%
8:45 AM	9,536.24	2384.06	4.5%	111,202.24	27800.56	52.5%	111,202.24	27800.56	52.5%
9:00 AM	8,105.35	2026.34	3.8%	111,724.95	27931.24	52.7%	111,724.95	27931.24	52.7%
9:15 AM	7,052.12	1763.03	3.3%	111,776.90	27944.22	52.8%	111,771.83	27942.96	52.8%
9:30 AM	6,186.01	1546.50	2.9%	112,650.44	28162.61	53.2%	112,496.02	28124.01	53.1%
9:45 AM	5,532.71	1383.18	2.6%	110,654.76	27663.69	52.2%	110,373.46	27593.36	52.1%
10:00 AM	4,952.52	1238.13	2.3%	108,157.88	27039.47	51.1%	107,906.15	26976.54	50.9%
10:15 AM	4,497.43	1124.36	2.1%	107,029.44	26757.36	50.5%	106,855.73	26713.93	50.4%
10:30 AM	4,071.42	1017.86	1.9%	103,165.23	25791.31	48.7%	103,161.05	25790.26	48.7%
10:45 AM	3,729.39	932.35	1.8%	99,301.83	24825.46	46.9%	99,301.83	24825.46	46.9%
11:00 AM	3,394.08	848.52	1.6%	95,975.31	23993.83	45.3%	95,975.31	23993.83	45.3%
11:15 AM	3,116.72	779.18	1.5%	93,435.37	23358.84	44.1%	93,435.37	23358.84	44.1%
11:30 AM	2,836.28	709.07	1.3%	92,549.63	23137.41	43.7%	92,549.63	23137.41	43.7%
11:45 AM	2,621.86	655.46	1.2%	94,880.70	23720.18	44.8%	94,880.70	23720.18	44.8%
12:00 PM	2,415.69	603.92	1.1%	102,639.09	25659.77	48.4%	102,639.09	25659.77	48.4%
12:15 PM	2,244.36	561.09	1.1%	113,306.36	28326.59	53.5%	113,306.36	28326.59	53.5%
12:30 PM	2,057.36	514.34	1.0%	123,899.48	30974.87	58.5%	123,899.48	30974.87	58.5%
12:45 PM	2,021.33	505.33	1.0%	132,372.33	33093.08	62.5%	132,372.33	33093.08	62.5%
1:00 PM	3,296.17	824.04	1.6%	138,471.52	34617.88	65.4%	138,471.52	34617.88	65.4%
1:15 PM	4,984.37	1246.09	2.4%	144,246.76	36061.69	68.1%	144,246.76	36061.69	68.1%
1:30 PM	7,031.22	1757.80	3.3%	149,614.01	37403.50	70.6%	149,614.01	37403.50	70.6%
1:45 PM	10,297.93	2574.48	4.9%	156,785.28	39196.32	74.0%	156,785.28	39196.32	74.0%
2:00 PM	13,622.49	3405.62	6.4%	161,097.66	40274.42	76.0%	161,097.66	40274.42	76.0%
2:15 PM	17,349.70	4337.43	8.2%	160,245.64	40061.41	75.6%	160,188.04	40047.01	75.6%
2:30 PM	20,880.83	5220.21	9.9%	159,617.99	39904.50	75.3%	159,551.01	39887.75	75.3%
2:45 PM	25,533.19	6383.30	12.1%	159,566.08	39891.52	75.3%	159,537.21	39884.30	75.3%
3:00 PM	31,522.78	7880.69	14.9%	154,888.02	38722.00	73.1%	154,888.02	38722.00	73.1%
3:15 PM	42,050.30	10512.58	19.8%	144,690.46	36172.62	68.3%	144,690.46	36172.62	68.3%
3:30 PM	56,141.98	14035.49	26.5%	128,793.22	32198.31	60.8%	128,793.22	32198.31	60.8%
3:45 PM	67,655.99	15560.88	31.9%	116,384.89	26768.53	54.9%	116,384.89	26768.53	54.9%
3:57 PM	81,403.36	8954.37	38.4%	101,479.34	11162.73	47.9%	101,479.34	11162.73	47.9%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	23,174.80	463.50	10.9%	101,365.11	2027.30	47.8%	101,365.11	2027.30	47.8%
8:00 AM	22,033.29	3304.99	10.4%	101,967.53	15295.13	48.1%	101,967.53	15295.13	48.1%
8:15 AM	16,520.63	4130.16	7.8%	106,510.99	26627.75	50.3%	106,510.96	26627.74	50.3%
8:30 AM	12,939.81	3234.95	6.1%	110,773.98	27693.49	52.3%	110,773.98	27693.49	52.3%
8:45 AM	10,685.83	2671.46	5.0%	114,489.19	28622.30	54.0%	114,489.19	28622.30	54.0%
9:00 AM	9,004.38	2251.10	4.3%	116,355.17	29088.79	54.9%	116,355.19	29088.80	54.9%
9:15 AM	7,795.16	1948.79	3.7%	117,607.41	29401.85	55.5%	117,603.18	29400.79	55.5%
9:30 AM	6,773.42	1693.36	3.2%	116,697.93	29174.48	55.1%	116,585.03	29146.26	55.0%
9:45 AM	6,022.59	1505.65	2.8%	115,422.74	28855.69	54.5%	115,045.14	28761.28	54.3%
10:00 AM	5,368.35	1342.09	2.5%	112,303.26	28075.81	53.0%	111,790.78	27947.69	52.8%
10:15 AM	4,860.70	1215.17	2.3%	110,662.34	27665.59	52.2%	110,139.49	27534.87	52.0%
10:30 AM	4,389.87	1097.47	2.1%	106,962.54	26740.64	50.5%	106,540.28	26635.07	50.3%
10:45 AM	4,014.63	1003.66	1.9%	102,563.66	25640.92	48.4%	102,320.29	25580.07	48.3%
11:00 AM	3,650.56	912.64	1.7%	98,825.40	24706.35	46.6%	98,751.34	24687.84	46.6%
11:15 AM	3,351.33	837.83	1.6%	96,124.90	24031.23	45.4%	96,108.07	24027.02	45.4%
11:30 AM	3,050.36	762.59	1.4%	95,144.79	23786.20	44.9%	95,144.79	23786.20	44.9%
11:45 AM	2,819.13	704.78	1.3%	97,227.96	24306.99	45.9%	97,227.96	24306.99	45.9%
12:00 PM	2,602.08	650.52	1.2%	105,093.29	26273.32	49.6%	105,093.29	26273.32	49.6%
12:15 PM	2,422.98	605.74	1.1%	116,095.39	29023.85	54.8%	116,095.39	29023.85	54.8%
12:30 PM	2,228.84	557.21	1.1%	127,055.52	31763.88	60.0%	127,055.52	31763.88	60.0%
12:45 PM	2,321.63	580.41	1.1%	136,512.80	34128.20	64.4%	136,512.80	34128.20	64.4%
1:00 PM	3,970.91	992.73	1.9%	142,565.30	35641.32	67.3%	142,565.30	35641.32	67.3%
1:15 PM	6,106.05	1526.51	2.9%	147,867.01	36966.75	69.8%	147,848.03	36962.01	69.8%
1:30 PM	8,652.70	2163.17	4.1%	153,029.32	38257.33	72.2%	152,948.59	38237.15	72.2%
1:45 PM	12,406.56	3101.64	5.9%	159,337.12	39834.28	75.2%	159,133.20	39783.30	75.1%
2:00 PM	16,130.59	4032.65	7.6%	160,106.21	40026.55	75.6%	159,855.76	39963.94	75.5%
2:15 PM	20,513.52	5128.38	9.7%	158,478.06	39619.51	74.8%	158,170.57	39542.64	74.7%
2:30 PM	24,737.99	6184.50	11.7%	156,284.24	39071.06	73.8%	156,007.90	39001.98	73.6%
2:45 PM	30,343.63	7585.91	14.3%	153,097.75	38274.44	72.3%	152,890.94	38222.73	72.2%
3:00 PM	37,494.47	9373.62	17.7%	150,311.22	37577.80	70.9%	150,270.18	37567.55	70.9%
3:15 PM	45,318.41	11329.60	21.4%	141,131.14	35282.78	66.6%	141,131.14	35282.78	66.6%
3:30 PM	58,631.62	14657.90	27.7%	127,419.43	31854.86	60.1%	127,419.43	31854.86	60.1%
3:45 PM	67,980.26	13596.05	32.1%	116,647.70	23329.54	55.1%	116,647.70	23329.54	55.1%
3:54 PM	83,695.45	6695.64	39.5%	99,350.45	7948.04	46.9%	99,350.45	7948.04	46.9%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	24,144.22	2172.98	11.4%	105,232.99	9470.97	49.7%	105,232.99	9470.97	49.7%
8:15 AM	19,233.11	4038.95	9.1%	108,083.15	22697.46	51.0%	108,083.15	22697.46	51.0%
8:30 AM	14,753.47	3688.37	7.0%	112,018.04	28004.51	52.9%	112,018.04	28004.51	52.9%
8:45 AM	11,915.20	2978.80	5.6%	116,193.73	29048.43	54.8%	116,193.73	29048.43	54.8%
9:00 AM	9,921.88	2480.47	4.7%	118,709.48	29677.37	56.0%	118,709.48	29677.37	56.0%
9:15 AM	8,533.77	2133.44	4.0%	120,451.73	30112.93	56.9%	120,451.73	30112.93	56.9%
9:30 AM	7,386.44	1846.61	3.5%	121,467.98	30366.99	57.3%	121,407.75	30351.94	57.3%
9:45 AM	6,519.89	1629.97	3.1%	120,877.26	30219.32	57.1%	120,640.83	30160.21	56.9%
10:00 AM	5,779.21	1444.80	2.7%	117,473.23	29368.31	55.4%	116,936.66	29234.17	55.2%
10:15 AM	5,215.09	1303.77	2.5%	115,049.94	28762.48	54.3%	114,256.75	28564.19	53.9%
10:30 AM	4,698.65	1174.66	2.2%	111,186.10	27796.53	52.5%	110,423.10	27605.77	52.1%
10:45 AM	4,289.50	1072.37	2.0%	106,340.74	26585.18	50.2%	105,755.17	26438.79	49.9%
11:00 AM	3,896.03	974.01	1.8%	102,189.79	25547.45	48.2%	101,891.39	25472.85	48.1%
11:15 AM	3,574.31	893.58	1.7%	99,008.06	24752.02	46.7%	98,861.32	24715.33	46.7%
11:30 AM	3,253.71	813.43	1.5%	97,626.90	24406.72	46.1%	97,584.74	24396.18	46.1%
11:45 AM	3,016.10	754.03	1.4%	98,539.36	24634.84	46.5%	98,539.36	24634.84	46.5%
12:00 PM	2,802.16	700.54	1.3%	105,940.11	26485.03	50.0%	105,940.11	26485.03	50.0%
12:15 PM	2,603.31	650.83	1.2%	117,935.51	29483.88	55.7%	117,935.51	29483.88	55.7%
12:30 PM	2,387.12	596.78	1.1%	129,679.28	32419.82	61.2%	129,679.28	32419.82	61.2%
12:45 PM	2,487.92	621.98	1.2%	141,471.51	35367.88	66.8%	141,443.96	35360.99	66.8%
1:00 PM	4,446.03	1111.51	2.1%	147,024.11	36756.03	69.4%	146,932.01	36733.00	69.4%
1:15 PM	6,911.62	1727.91	3.3%	152,967.70	38241.93	72.2%	152,748.11	38187.03	72.1%
1:30 PM	9,790.36	2447.59	4.6%	156,024.09	39006.02	73.6%	155,643.01	38910.75	73.5%
1:45 PM	13,913.38	3478.34	6.6%	163,779.88	40944.97	77.3%	163,243.33	40810.83	77.1%
2:00 PM	18,142.17	4535.54	8.6%	161,278.26	40319.57	76.1%	160,723.78	40180.95	75.9%
2:15 PM	23,085.63	5771.41	10.9%	160,340.74	40085.19	75.7%	159,737.05	39934.26	75.4%
2:30 PM	28,036.82	7009.20	13.2%	156,971.42	39242.86	74.1%	156,407.46	39101.86	73.8%
2:45 PM	35,004.83	8751.21	16.5%	154,110.64	38527.66	72.7%	153,599.08	38399.77	72.5%
3:00 PM	39,799.62	9949.90	18.8%	149,401.12	37350.28	70.5%	149,017.51	37254.38	70.3%
3:15 PM	46,530.18	11632.55	22.0%	140,665.92	35166.48	66.4%	140,665.92	35166.48	66.4%
3:30 PM	57,825.73	14456.43	27.3%	128,660.01	32165.00	60.7%	128,660.01	32165.00	60.7%
3:45 PM	72,096.31	12977.34	34.0%	112,148.92	20186.81	52.9%	112,148.92	20186.81	52.9%
3:51 PM	86,604.91	4330.25	40.9%	99,932.00	4996.60	47.2%	99,932.00	4996.60	47.2%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	24,783.42	991.34	11.7%	106,754.92	4270.20	50.4%	105,528.63	4221.15	49.8%
8:15 AM	22,365.14	3802.07	10.6%	108,139.98	18383.80	51.0%	105,567.49	17946.47	49.8%
8:30 AM	16,860.92	4215.23	8.0%	112,321.37	28080.34	53.0%	110,875.24	27718.81	52.3%
8:45 AM	13,187.18	3296.79	6.2%	115,723.55	28930.89	54.6%	115,218.15	28804.54	54.4%
9:00 AM	10,832.76	2708.19	5.1%	119,529.71	29882.43	56.4%	119,692.37	29923.09	56.5%
9:15 AM	9,237.76	2309.44	4.4%	121,249.40	30312.35	57.2%	121,284.86	30321.21	57.2%
9:30 AM	7,958.52	1989.63	3.8%	122,737.99	30684.50	57.9%	122,730.22	30682.55	57.9%
9:45 AM	7,002.94	1750.73	3.3%	123,124.17	30781.04	58.1%	122,948.63	30737.16	58.0%
10:00 AM	6,169.31	1542.33	2.9%	120,871.28	30217.82	57.1%	120,508.45	30127.11	56.9%
10:15 AM	5,543.86	1385.96	2.6%	117,995.65	29498.91	55.7%	117,304.48	29326.12	55.4%
10:30 AM	4,982.06	1245.52	2.4%	114,296.87	28574.22	53.9%	113,288.57	28322.14	53.5%
10:45 AM	4,539.38	1134.85	2.1%	109,301.22	27325.31	51.6%	108,379.28	27094.82	51.2%
11:00 AM	4,118.12	1029.53	1.9%	104,791.19	26197.80	49.5%	104,270.00	26067.50	49.2%
11:15 AM	3,775.76	943.94	1.8%	101,314.66	25328.67	47.8%	101,030.36	25257.59	47.7%
11:30 AM	3,435.92	858.98	1.6%	99,169.45	24792.36	46.8%	99,065.26	24766.32	46.8%
11:45 AM	3,159.10	789.77	1.5%	99,416.68	24854.17	46.9%	99,416.68	24854.17	46.9%
12:00 PM	2,915.46	728.86	1.4%	107,846.05	26961.51	50.9%	107,846.05	26961.51	50.9%
12:15 PM	2,727.03	681.76	1.3%	118,823.95	29705.99	56.1%	118,823.95	29705.99	56.1%
12:30 PM	2,523.73	630.93	1.2%	130,421.75	32605.44	61.6%	130,421.75	32605.44	61.6%
12:45 PM	2,453.35	613.34	1.2%	142,387.62	35596.90	67.2%	142,342.13	35585.53	67.2%
1:00 PM	4,604.43	1151.11	2.2%	149,515.14	37378.78	70.6%	149,344.94	37336.23	70.5%
1:15 PM	7,281.50	1820.38	3.4%	154,362.00	38590.50	72.9%	153,996.86	38499.22	72.7%
1:30 PM	10,369.95	2592.49	4.9%	159,026.58	39756.65	75.1%	158,425.47	39606.37	74.8%
1:45 PM	14,799.68	3699.92	7.0%	164,934.37	41233.59	77.8%	164,108.91	41027.23	77.5%
2:00 PM	19,372.97	4843.24	9.1%	165,023.17	41255.79	77.9%	164,194.50	41048.62	77.5%
2:15 PM	24,863.72	6215.93	11.7%	163,658.11	40914.53	77.2%	162,811.16	40702.79	76.8%
2:30 PM	30,497.69	7624.42	14.4%	161,459.18	40364.80	76.2%	160,612.66	40153.16	75.8%
2:45 PM	36,398.57	9099.64	17.2%	158,062.98	39515.75	74.6%	157,213.32	39303.33	74.2%
3:00 PM	40,380.31	10095.08	19.1%	153,193.31	38298.33	72.3%	152,474.71	38118.68	72.0%
3:15 PM	46,812.88	11703.22	22.1%	145,615.92	36403.98	68.7%	145,615.92	36403.98	68.7%
3:30 PM	56,538.48	14134.62	26.7%	134,027.96	33506.99	63.3%	134,027.96	33506.99	63.3%
3:45 PM	74,248.09	12622.18	35.0%	114,247.56	19422.08	53.9%	114,247.56	19422.08	53.9%
3:51 PM	88,933.62	4446.68	42.0%	98,659.89	4932.99	46.6%	98,659.89	4932.99	46.6%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	25,149.26	3017.91	11.9%	108,411.89	13009.43	51.2%	105,322.75	12638.73	49.7%
8:30 AM	18,045.19	4511.30	8.5%	111,482.65	27870.66	52.6%	108,595.23	27148.81	51.3%
8:45 AM	14,387.66	3596.92	6.8%	109,022.52	27255.63	51.5%	111,133.08	27783.27	52.5%
9:00 AM	11,198.17	2799.54	5.3%	116,408.21	29102.05	54.9%	116,464.63	29116.16	55.0%
9:15 AM	9,685.67	2421.42	4.6%	118,162.10	29540.53	55.8%	118,041.25	29510.31	55.7%
9:30 AM	8,461.06	2115.26	4.0%	122,144.22	30536.05	57.7%	122,144.22	30536.05	57.7%
9:45 AM	7,152.31	1788.08	3.4%	123,678.19	30919.55	58.4%	123,556.18	30889.05	58.3%
10:00 AM	6,518.15	1629.54	3.1%	122,329.70	30582.42	57.7%	122,121.65	30530.41	57.6%
10:15 AM	5,830.22	1457.56	2.8%	119,358.78	29839.70	56.3%	118,807.82	29701.95	56.1%
10:30 AM	5,223.08	1305.77	2.5%	115,922.14	28980.53	54.7%	115,039.99	28760.00	54.3%
10:45 AM	4,750.48	1187.62	2.2%	111,253.51	27813.38	52.5%	110,081.84	27520.46	52.0%
11:00 AM	4,304.40	1076.10	2.0%	106,555.13	26638.78	50.3%	105,830.91	26457.73	50.0%
11:15 AM	3,943.68	985.92	1.9%	103,011.46	25752.87	48.6%	102,595.13	25648.78	48.4%
11:30 AM	3,587.55	896.89	1.7%	100,228.52	25057.13	47.3%	100,053.01	25013.25	47.2%
11:45 AM	3,294.08	823.52	1.6%	99,638.45	24909.61	47.0%	99,623.38	24905.85	47.0%
12:00 PM	3,046.63	761.66	1.4%	106,507.75	26626.94	50.3%	106,507.75	26626.94	50.3%
12:15 PM	2,845.77	711.44	1.3%	116,946.69	29236.67	55.2%	116,946.69	29236.67	55.2%
12:30 PM	2,632.15	658.04	1.2%	128,714.77	32178.69	60.8%	128,714.74	32178.69	60.8%
12:45 PM	2,454.74	613.68	1.2%	141,451.97	35362.99	66.8%	141,414.37	35353.59	66.7%
1:00 PM	4,431.10	1107.77	2.1%	149,330.62	37332.66	70.5%	149,130.75	37282.69	70.4%
1:15 PM	7,203.69	1800.92	3.4%	153,925.38	38481.35	72.7%	153,492.80	38373.20	72.4%
1:30 PM	10,349.31	2587.33	4.9%	159,029.45	39757.36	75.1%	158,322.03	39580.51	74.7%
1:45 PM	14,908.29	3727.07	7.0%	164,377.13	41094.28	77.6%	163,357.73	40839.43	77.1%
2:00 PM	19,689.43	4922.36	9.3%	165,586.38	41396.60	78.2%	164,585.74	41146.44	77.7%
2:15 PM	25,554.90	6388.72	12.1%	164,271.98	41068.00	77.5%	163,340.98	40835.24	77.1%
2:30 PM	31,618.81	7904.70	14.9%	162,399.84	40599.96	76.7%	161,345.05	40336.26	76.2%
2:45 PM	36,375.78	9093.95	17.2%	158,666.72	39666.68	74.9%	157,572.89	39393.22	74.4%
3:00 PM	40,228.95	10057.24	19.0%	153,464.74	38366.19	72.4%	152,465.87	38116.47	72.0%
3:15 PM	46,000.66	11500.16	21.7%	145,282.01	36320.50	68.6%	145,061.69	36265.42	68.5%
3:30 PM	55,151.52	13787.88	26.0%	135,970.25	33992.56	64.2%	135,970.25	33992.56	64.2%
3:45 PM	72,381.44	13028.66	34.2%	116,867.89	21036.22	55.2%	116,867.89	21036.22	55.2%
3:52 PM	90,262.36	5415.74	42.6%	96,132.27	5767.94	45.4%	96,132.27	5767.94	45.4%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	25,287.46	2023.00	11.9%	108,778.56	8702.28	51.3%	105,559.48	8444.76	49.8%
8:30 AM	20,429.30	4290.15	9.6%	111,269.11	23366.51	52.5%	107,783.55	22634.55	50.9%
8:45 AM	15,749.66	3937.42	7.4%	109,801.80	27450.45	51.8%	110,560.57	27640.14	52.2%
9:00 AM	12,381.66	3095.42	5.8%	115,436.06	28859.02	54.5%	114,649.92	28662.48	54.1%
9:15 AM	10,386.81	2596.70	4.9%	119,010.58	29752.65	56.2%	118,166.28	29541.57	55.8%
9:30 AM	8,847.16	2211.79	4.2%	121,489.23	30372.31	57.3%	121,489.23	30372.31	57.3%
9:45 AM	7,731.96	1932.99	3.6%	122,738.42	30684.60	57.9%	122,695.21	30673.80	57.9%
10:00 AM	6,776.93	1694.23	3.2%	122,537.74	30634.44	57.8%	122,430.18	30607.55	57.8%
10:15 AM	6,045.02	1511.26	2.9%	119,842.20	29960.55	56.6%	119,397.94	29849.49	56.4%
10:30 AM	5,398.93	1349.73	2.5%	116,243.43	29060.86	54.9%	115,457.83	28864.46	54.5%
10:45 AM	4,902.24	1225.56	2.3%	111,253.56	27813.39	52.5%	110,175.89	27543.97	52.0%
11:00 AM	4,437.34	1109.34	2.1%	107,250.92	26812.73	50.6%	106,379.06	26594.77	50.2%
11:15 AM	4,063.09	1015.77	1.9%	102,985.92	25746.48	48.6%	102,466.88	25616.72	48.4%
11:30 AM	3,695.19	923.80	1.7%	100,742.55	25185.64	47.6%	100,503.55	25125.89	47.4%
11:45 AM	3,392.31	848.08	1.6%	99,256.18	24814.05	46.8%	99,203.43	24800.86	46.8%
12:00 PM	3,126.00	781.50	1.5%	104,961.45	26240.36	49.5%	104,961.45	26240.36	49.5%
12:15 PM	2,920.60	730.15	1.4%	113,787.27	28446.82	53.7%	113,787.27	28446.82	53.7%
12:30 PM	2,702.53	675.63	1.3%	126,170.61	31542.65	59.6%	126,170.59	31542.65	59.6%
12:45 PM	2,522.20	630.55	1.2%	138,170.89	34542.72	65.2%	138,163.47	34540.87	65.2%
1:00 PM	3,995.12	998.78	1.9%	147,664.49	36916.12	69.7%	147,484.13	36871.03	69.6%
1:15 PM	6,737.13	1684.28	3.2%	151,705.38	37926.35	71.6%	151,287.31	37821.83	71.4%
1:30 PM	9,810.76	2452.69	4.6%	156,580.47	39145.12	73.9%	155,886.38	38971.59	73.6%
1:45 PM	14,249.97	3562.49	6.7%	160,647.42	40161.86	75.8%	159,579.05	39894.76	75.3%
2:00 PM	19,046.45	4761.61	9.0%	162,619.84	40654.96	76.8%	161,573.20	40393.30	76.3%
2:15 PM	24,979.30	6244.83	11.8%	160,160.03	40040.01	75.6%	159,232.62	39808.15	75.2%
2:30 PM	31,053.64	7763.41	14.7%	158,562.54	39640.63	74.8%	157,424.53	39356.13	74.3%
2:45 PM	35,783.03	8945.76	16.9%	154,152.30	38538.07	72.8%	152,971.99	38243.00	72.2%
3:00 PM	39,595.38	9898.84	18.7%	151,252.14	37813.04	71.4%	150,127.21	37531.80	70.9%
3:15 PM	44,764.42	11191.10	21.1%	144,908.02	36227.01	68.4%	144,387.05	36096.76	68.2%
3:30 PM	53,710.48	13427.62	25.4%	136,736.76	34184.19	64.5%	136,736.76	34184.19	64.5%
3:45 PM	67,313.34	14135.80	31.8%	120,984.42	25406.73	57.1%	120,984.42	25406.73	57.1%
3:54 PM	90,727.85	7258.23	42.8%	95,863.44	7669.08	45.2%	95,863.44	7669.08	45.2%

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	35,461.06	3900.72	20.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	28,088.71	6460.40	16.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	19,951.28	4987.82	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	14,175.50	3543.87	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	9,964.91	2491.23	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	6,797.89	1699.47	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	4,404.04	1101.01	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	3,223.08	805.77	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	4,281.09	1070.27	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	5,102.62	1275.66	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	5,793.17	1448.29	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	6,305.81	1576.45	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	6,757.72	1689.43	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	7,056.27	1764.07	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	7,344.81	1836.20	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	7,483.71	1870.93	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	7,654.69	1913.67	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	7,663.19	1915.80	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	7,749.06	1937.27	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,642.55	1910.64	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	7,666.22	1916.55	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	7,446.90	1861.72	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	7,420.43	1855.11	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	7,090.42	1772.61	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	7,004.57	1751.14	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	6,569.58	1642.39	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	6,883.51	1720.88	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	6,870.59	1717.65	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	7,148.29	1787.07	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	7,056.55	1764.14	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	7,215.31	1803.83	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	7,059.39	1764.85	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	7,103.94	1775.99	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	6,860.08	1715.02	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	6,458.81	1614.70	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	5,780.62	1445.16	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	5,168.39	1292.10	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,458.63	1114.66	2.6%	0.00	0.00	0.0%	3.79	0.95	0.0%
4:15 PM	5,214.32	1303.58	3.1%	0.00	0.00	0.0%	0.14	0.04	0.0%
4:30 PM	6,647.49	1661.87	3.9%	10.84	2.71	0.0%	0.00	0.00	0.0%
4:45 PM	8,201.78	2050.44	4.8%	10.91	2.73	0.0%	10.91	2.73	0.0%
5:00 PM	10,045.76	2511.44	5.9%	10.97	2.74	0.0%	10.97	2.74	0.0%
5:15 PM	12,118.00	3029.50	7.1%	29.71	7.43	0.0%	29.71	7.43	0.0%
5:30 PM	14,577.32	3644.33	8.5%	522.64	130.66	0.3%	522.64	130.66	0.3%
5:45 PM	17,403.49	4350.87	10.2%	1,738.19	434.55	1.0%	1,738.19	434.55	1.0%
6:00 PM	20,819.71	5204.93	12.2%	4,135.60	1033.90	2.4%	4,135.60	1033.90	2.4%
6:15 PM	24,922.35	6230.59	14.6%	5,599.95	1399.99	3.3%	5,599.95	1399.99	3.3%
6:30 PM	29,992.13	7498.03	17.6%	6,040.09	1510.02	3.5%	5,975.27	1493.82	3.5%
6:45 PM	35,981.29	8995.32	21.1%	5,291.05	1322.76	3.1%	5,291.05	1322.76	3.1%
7:00 PM	40,243.01	10060.75	23.6%	2,991.25	747.81	1.8%	2,991.25	747.81	1.8%
7:15 PM	45,227.68	13568.30	26.5%	1,188.09	356.43	0.7%	1,188.09	356.43	0.7%
7:36 PM	52,267.95	9408.23	30.6%	351.86	63.34	0.2%	351.86	63.34	0.2%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	35,222.13	3522.21	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	29,032.44	6387.14	17.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	20,562.63	5140.66	12.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	14,568.81	3642.20	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	10,225.00	2556.25	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	6,970.81	1742.70	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	4,516.99	1129.25	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	3,231.18	807.80	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	4,306.44	1076.61	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	5,141.49	1285.37	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	5,841.57	1460.39	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	6,361.66	1590.41	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	6,819.31	1704.83	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	7,123.10	1780.78	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	7,415.72	1853.93	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	7,557.85	1889.46	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	7,731.96	1932.99	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	7,744.08	1936.02	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	7,832.20	1958.05	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,728.40	1932.10	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	7,753.22	1938.30	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	7,538.30	1884.58	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	7,512.33	1878.08	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	7,187.08	1796.77	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	7,103.18	1775.80	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	6,673.37	1668.34	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	6,941.21	1735.30	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	6,934.03	1733.51	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	7,216.42	1804.11	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	7,129.09	1782.27	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	7,296.41	1824.10	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	7,144.98	1786.24	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	7,187.04	1796.76	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	6,963.46	1740.86	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	6,587.19	1646.80	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	5,911.99	1478.00	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	5,304.86	1326.21	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,590.07	1147.52	2.7%	0.00	0.00	0.0%	3.66	0.92	0.0%
4:15 PM	5,004.09	1251.02	2.9%	0.00	0.00	0.0%	0.45	0.11	0.0%
4:30 PM	6,419.61	1604.90	3.8%	10.99	2.75	0.0%	0.10	0.03	0.0%
4:45 PM	7,953.75	1988.44	4.7%	11.01	2.75	0.0%	10.78	2.70	0.0%
5:00 PM	9,773.68	2443.42	5.7%	10.95	2.74	0.0%	10.95	2.74	0.0%
5:15 PM	11,816.16	2954.04	6.9%	21.57	5.39	0.0%	21.57	5.39	0.0%
5:30 PM	14,243.69	3560.92	8.3%	467.04	116.76	0.3%	467.04	116.76	0.3%
5:45 PM	17,026.05	4256.51	10.0%	1,605.14	401.28	0.9%	1,605.14	401.28	0.9%
6:00 PM	20,386.22	5096.55	11.9%	3,826.52	956.63	2.2%	3,826.52	956.63	2.2%
6:15 PM	24,420.50	6105.12	14.3%	5,679.01	1419.75	3.3%	5,679.01	1419.75	3.3%
6:30 PM	29,400.04	7350.01	17.2%	6,063.01	1515.75	3.6%	6,025.42	1506.35	3.5%
6:45 PM	35,440.25	8860.06	20.8%	5,554.53	1388.63	3.3%	5,554.53	1388.63	3.3%
7:00 PM	39,809.80	9952.45	23.3%	3,260.40	815.10	1.9%	3,260.40	815.10	1.9%
7:15 PM	44,768.19	13430.46	26.2%	1,342.50	402.75	0.8%	1,342.50	402.75	0.8%
7:36 PM	52,261.49	9407.07	30.6%	358.67	64.56	0.2%	358.67	64.56	0.2%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	34,473.32	2068.40	20.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	29,853.66	5672.20	17.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	20,945.38	5236.35	12.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	14,698.80	3674.70	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	10,217.38	2554.35	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	6,883.74	1720.94	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	4,391.45	1097.86	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	3,527.30	881.82	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	4,604.08	1151.02	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	5,435.84	1358.96	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	6,133.59	1533.40	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	6,648.80	1662.20	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	7,103.02	1775.75	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	7,401.50	1850.38	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	7,690.23	1922.56	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	7,827.57	1956.89	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	7,998.96	1999.74	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	8,007.03	2001.76	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	8,092.80	2023.20	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,986.72	1996.68	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,009.02	2002.26	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	7,794.11	1948.53	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	7,765.44	1941.36	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	7,442.41	1860.60	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	7,355.47	1838.87	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	6,931.21	1732.80	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	7,162.74	1790.68	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	7,164.42	1791.11	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	7,450.09	1862.52	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	7,372.86	1843.21	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	7,546.74	1886.68	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	7,402.72	1850.68	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	7,454.26	1863.57	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	7,221.53	1805.38	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	6,855.40	1713.85	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	6,185.02	1546.25	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	5,578.44	1394.61	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,845.91	1211.48	2.8%	0.00	0.00	0.0%	3.35	0.84	0.0%
4:15 PM	4,638.59	1159.65	2.7%	0.00	0.00	0.0%	1.69	0.42	0.0%
4:30 PM	6,039.26	1509.82	3.5%	10.91	2.73	0.0%	0.00	0.00	0.0%
4:45 PM	7,555.46	1888.87	4.4%	10.99	2.75	0.0%	7.14	1.79	0.0%
5:00 PM	9,356.07	2339.02	5.5%	10.91	2.73	0.0%	10.91	2.73	0.0%
5:15 PM	11,373.98	2843.50	6.7%	25.99	6.50	0.0%	25.99	6.50	0.0%
5:30 PM	13,778.70	3444.67	8.1%	481.07	120.27	0.3%	481.07	120.27	0.3%
5:45 PM	16,534.82	4133.70	9.7%	1,556.51	389.13	0.9%	1,556.51	389.13	0.9%
6:00 PM	19,861.22	4965.30	11.6%	3,654.04	913.51	2.1%	3,654.04	913.51	2.1%
6:15 PM	23,857.05	5964.26	14.0%	5,993.75	1498.44	3.5%	5,993.75	1498.44	3.5%
6:30 PM	28,795.42	7198.86	16.9%	6,261.57	1565.39	3.7%	6,259.67	1564.92	3.7%
6:45 PM	34,894.96	8723.74	20.4%	5,942.32	1485.58	3.5%	5,942.32	1485.58	3.5%
7:00 PM	39,480.43	9870.11	23.1%	3,614.10	903.52	2.1%	3,614.10	903.52	2.1%
7:15 PM	44,451.54	13335.46	26.0%	1,543.88	463.16	0.9%	1,543.88	463.16	0.9%
7:36 PM	52,240.48	9403.29	30.6%	380.92	68.57	0.2%	380.92	68.57	0.2%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	33,139.07	994.17	19.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	30,545.88	4581.88	17.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	21,072.16	5268.04	12.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	14,541.13	3635.28	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	9,918.69	2479.67	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	6,540.87	1635.22	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	4,013.60	1003.40	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	4,124.92	1031.23	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	5,184.07	1296.02	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	5,997.41	1499.35	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	6,677.39	1669.35	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	7,173.85	1793.46	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	7,612.47	1903.12	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	7,894.71	1973.68	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	8,171.36	2042.84	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	8,295.06	2073.76	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	8,456.80	2114.20	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	8,453.32	2113.33	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	8,531.04	2132.76	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	8,417.51	2104.38	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,433.50	2108.38	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	8,213.98	2053.49	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	8,178.07	2044.52	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	7,855.88	1963.97	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	7,761.68	1940.42	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	7,341.27	1835.32	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	7,548.26	1887.07	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	7,561.39	1890.35	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	7,848.51	1962.13	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	7,783.76	1945.94	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	7,966.47	1991.62	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	7,832.96	1958.24	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	7,894.94	1973.73	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	7,636.38	1909.09	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,265.30	1816.32	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	6,595.38	1648.85	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	5,986.48	1496.62	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	5,226.99	1306.75	3.1%	0.00	0.00	0.0%	5.86	1.47	0.0%
4:15 PM	4,550.04	1137.51	2.7%	0.00	0.00	0.0%	5.19	1.30	0.0%
4:30 PM	5,508.11	1377.03	3.2%	11.01	2.75	0.0%	0.14	0.04	0.0%
4:45 PM	7,008.40	1752.10	4.1%	11.03	2.76	0.0%	0.12	0.03	0.0%
5:00 PM	8,796.66	2199.17	5.2%	10.99	2.75	0.0%	10.99	2.75	0.0%
5:15 PM	10,795.56	2698.89	6.3%	48.89	12.22	0.0%	48.89	12.22	0.0%
5:30 PM	13,183.50	3295.88	7.7%	571.08	142.77	0.3%	571.08	142.77	0.3%
5:45 PM	15,930.40	3982.60	9.3%	1,596.72	399.18	0.9%	1,596.72	399.18	0.9%
6:00 PM	19,244.87	4811.22	11.3%	3,630.23	907.56	2.1%	3,630.23	907.56	2.1%
6:15 PM	23,233.13	5808.28	13.6%	6,561.59	1640.40	3.8%	6,561.59	1640.40	3.8%
6:30 PM	28,178.64	7044.66	16.5%	6,719.92	1679.98	3.9%	6,719.92	1679.98	3.9%
6:45 PM	34,357.05	8589.26	20.1%	6,477.86	1619.47	3.8%	6,477.72	1619.43	3.8%
7:00 PM	39,255.25	9813.81	23.0%	4,063.97	1015.99	2.4%	4,063.97	1015.99	2.4%
7:15 PM	44,383.49	12427.38	26.0%	1,763.03	493.65	1.0%	1,763.03	493.65	1.0%
7:33 PM	52,203.11	7830.47	30.6%	419.87	62.98	0.2%	419.87	62.98	0.2%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	29,941.30	3892.37	17.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:16 AM	20,137.33	4832.96	11.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	13,995.67	3358.96	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	9,252.52	2313.13	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	5,872.81	1468.20	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	3,791.52	947.88	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	5,058.30	1264.57	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	6,073.40	1518.35	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	6,843.18	1710.80	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	7,487.48	1871.87	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	7,946.86	1986.71	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	8,357.10	2089.27	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	8,609.14	2152.28	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	8,863.23	2215.81	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	8,962.15	2240.54	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	9,106.54	2276.64	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9,084.16	2271.04	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,148.61	2287.15	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	9,019.87	2254.97	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9,023.86	2255.97	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	8,794.77	2198.69	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	8,748.08	2187.02	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	8,421.75	2105.44	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	8,317.24	2079.31	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	7,898.42	1974.60	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	8,098.02	2024.51	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	8,124.96	2031.24	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	8,412.80	2103.20	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	8,362.76	2090.69	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	8,552.81	2138.20	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	8,432.56	2108.14	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	8,507.93	2126.98	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	8,203.63	2050.91	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,809.19	1952.30	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	7,135.31	1783.83	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	6,531.45	1632.86	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	5,764.73	1441.18	3.4%	0.00	0.00	0.0%	11.01	2.75	0.0%
4:15 PM	5,052.60	1263.15	3.0%	0.00	0.00	0.0%	10.29	2.57	0.0%
4:30 PM	4,845.52	1211.38	2.8%	10.87	2.72	0.0%	2.45	0.61	0.0%
4:45 PM	6,330.11	1582.53	3.7%	10.78	2.70	0.0%	0.10	0.03	0.0%
5:00 PM	8,115.80	2028.95	4.8%	11.07	2.77	0.0%	8.89	2.22	0.0%
5:15 PM	10,103.98	2525.99	5.9%	109.78	27.45	0.1%	109.78	27.45	0.1%
5:30 PM	12,490.64	3122.66	7.3%	753.40	188.35	0.4%	753.40	188.35	0.4%
5:45 PM	15,249.28	3812.32	8.9%	1,753.48	438.37	1.0%	1,753.48	438.37	1.0%
6:00 PM	18,578.57	4644.64	10.9%	3,814.11	953.53	2.2%	3,814.11	953.53	2.2%
6:15 PM	22,600.30	5650.07	13.2%	7,354.73	1838.68	4.3%	7,354.73	1838.68	4.3%
6:30 PM	27,616.06	6904.01	16.2%	7,456.09	1864.02	4.4%	7,456.09	1864.02	4.4%
6:45 PM	33,924.22	8481.05	19.9%	7,204.26	1801.07	4.2%	7,185.39	1796.35	4.2%
7:00 PM	39,195.90	9798.98	23.0%	4,588.91	1147.23	2.7%	4,588.91	1147.23	2.7%
7:15 PM	44,535.36	11133.84	26.1%	2,001.82	500.45	1.2%	2,001.82	500.45	1.2%
7:30 PM	51,401.01	6682.13	30.1%	491.36	63.88	0.3%	491.36	63.88	0.3%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	25,479.58	1528.77	14.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	20,254.09	3848.28	11.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	13,048.80	3262.20	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	8,243.55	2060.89	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	4,875.73	1218.93	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	5,157.54	1289.39	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	6,338.80	1584.70	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	7,280.59	1820.15	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	7,980.21	1995.05	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	8,566.72	2141.68	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	8,971.51	2242.88	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	9,337.82	2334.46	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	9,545.45	2386.36	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	9,765.31	2441.33	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	9,829.28	2457.32	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	9,947.71	2486.93	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	9,897.33	2474.33	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	9,941.86	2485.47	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	9,791.75	2447.94	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9,779.44	2444.86	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,536.09	2384.02	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	9,473.72	2368.43	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	9,140.79	2285.20	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	9,021.74	2255.44	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	8,602.78	2150.69	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	8,813.29	2203.32	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	8,852.80	2213.20	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	9,141.42	2285.36	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	9,107.37	2276.84	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	9,304.24	2326.06	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	9,200.46	2300.12	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	9,290.53	2322.63	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	8,945.17	2236.29	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	8,491.88	2122.97	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	7,812.11	1953.03	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	7,215.02	1803.76	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	6,433.68	1608.42	3.8%	0.00	0.00	0.0%	10.82	2.71	0.0%
4:15 PM	5,696.07	1424.02	3.3%	0.10	0.03	0.0%	10.97	2.74	0.0%
4:30 PM	4,861.02	1215.25	2.8%	10.95	2.74	0.0%	9.36	2.34	0.0%
4:45 PM	5,509.90	1377.47	3.2%	10.99	2.75	0.0%	2.74	0.68	0.0%
5:00 PM	7,290.87	1822.72	4.3%	107.99	27.00	0.1%	110.07	27.52	0.1%
5:15 PM	9,282.28	2320.57	5.4%	42.62	10.65	0.0%	55.46	13.86	0.0%
5:30 PM	11,675.28	2918.82	6.8%	1,032.83	258.21	0.6%	1,032.83	258.21	0.6%
5:45 PM	14,459.60	3614.90	8.5%	2,027.21	506.80	1.2%	2,027.21	506.80	1.2%
6:00 PM	17,827.48	4456.87	10.4%	4,032.98	1008.25	2.4%	4,032.98	1008.25	2.4%
6:15 PM	21,918.43	5479.61	12.8%	8,382.84	2095.71	4.9%	8,382.84	2095.71	4.9%
6:30 PM	27,059.59	6764.90	15.8%	8,530.32	2132.58	5.0%	8,530.32	2132.58	5.0%
6:45 PM	33,588.49	8397.12	19.7%	8,172.64	2043.16	4.8%	8,141.67	2035.42	4.8%
7:00 PM	39,281.53	9820.38	23.0%	5,216.48	1304.12	3.1%	5,216.48	1304.12	3.1%
7:15 PM	44,918.93	9432.97	26.3%	2,250.38	472.58	1.3%	2,250.38	472.58	1.3%
7:25 PM	49,681.95	4471.38	29.1%	834.74	75.13	0.5%	834.74	75.13	0.5%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	20,241.87	404.84	11.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	18,749.82	2812.47	11.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	11,547.10	2886.78	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	6,788.18	1697.04	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	5,549.98	1387.50	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	6,962.45	1740.61	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	8,006.88	2001.72	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	8,833.78	2208.45	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	9,430.73	2357.68	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	9,933.86	2483.46	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	10,259.28	2564.82	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	10,561.88	2640.47	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	10,707.61	2676.90	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10,881.43	2720.36	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	10,897.19	2724.30	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	10,980.12	2745.03	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	10,891.62	2722.90	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	10,908.72	2727.18	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	10,730.33	2682.58	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	10,695.78	2673.94	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	10,431.99	2608.00	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,349.76	2587.44	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	10,006.33	2501.58	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	9,868.59	2467.15	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	9,445.67	2361.42	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	9,693.65	2423.41	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	9,746.52	2436.63	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	10,035.53	2508.88	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	10,017.32	2504.33	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	10,221.85	2555.46	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	10,136.51	2534.13	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	10,231.64	2557.91	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	9,827.06	2456.76	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	9,306.95	2326.74	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,619.20	2154.80	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	8,023.28	2005.82	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	7,241.92	1810.48	4.2%	0.00	0.00	0.0%	10.84	2.71	0.0%
4:15 PM	6,496.61	1624.15	3.8%	0.80	0.20	0.0%	10.91	2.73	0.0%
4:30 PM	5,600.69	1400.17	3.3%	10.84	2.71	0.0%	10.84	2.71	0.0%
4:45 PM	4,766.25	1191.56	2.8%	17.29	4.32	0.0%	26.50	6.63	0.0%
5:00 PM	6,351.16	1587.79	3.7%	518.11	129.53	0.3%	564.04	141.01	0.3%
5:15 PM	8,348.11	2087.03	4.9%	23.31	5.83	0.0%	172.94	43.23	0.1%
5:30 PM	10,770.29	2692.57	6.3%	1,297.09	324.27	0.8%	1,296.53	324.13	0.8%
5:45 PM	13,591.70	3397.93	8.0%	2,459.82	614.96	1.4%	2,459.82	614.96	1.4%
6:00 PM	17,043.44	4260.86	10.0%	4,410.85	1102.71	2.6%	4,410.85	1102.71	2.6%
6:15 PM	21,255.35	5313.84	12.4%	9,558.31	2389.58	5.6%	9,558.31	2389.58	5.6%
6:30 PM	26,606.67	6651.67	15.6%	10,036.01	2509.00	5.9%	10,036.01	2509.00	5.9%
6:45 PM	33,493.15	8373.29	19.6%	9,408.38	2352.10	5.5%	9,384.66	2346.16	5.5%
7:00 PM	39,631.27	9907.82	23.2%	5,881.76	1470.44	3.4%	5,881.76	1470.44	3.4%
7:15 PM	45,835.59	6875.34	26.8%	2,364.85	354.73	1.4%	2,364.85	354.73	1.4%
7:18 PM	47,596.11	1427.88	27.9%	1,683.03	50.49	1.0%	1,683.03	50.49	1.0%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	14,579.20	1312.13	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	9,546.83	2004.83	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	6,448.74	1612.19	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	8,052.36	2013.09	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	9,232.34	2308.08	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	10,078.01	2519.50	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	10,745.47	2686.37	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	11,199.48	2799.87	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	11,589.06	2897.27	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	11,809.72	2952.43	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	12,030.27	3007.57	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	12,097.23	3024.31	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	12,208.89	3052.22	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	12,163.72	3040.93	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	12,200.66	3050.16	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	12,065.61	3016.40	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	12,047.31	3011.83	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	11,832.38	2958.09	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	11,769.78	2942.44	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	11,481.23	2870.31	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	11,375.24	2843.81	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11,016.69	2754.17	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	10,859.31	2714.83	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	10,428.41	2607.10	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	10,738.04	2684.51	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	10,802.56	2700.64	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	11,092.70	2773.18	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	11,092.09	2773.02	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	11,306.61	2826.65	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	11,242.41	2810.60	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	11,319.45	2829.86	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	10,832.13	2708.03	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	10,292.24	2573.06	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	9,564.84	2391.21	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	8,971.29	2242.82	5.3%	0.00	0.00	0.0%	1.79	0.45	0.0%
4:00 PM	8,188.87	2047.22	4.8%	0.00	0.00	0.0%	10.91	2.73	0.0%
4:15 PM	7,441.73	1860.43	4.4%	10.91	2.73	0.0%	10.91	2.73	0.0%
4:30 PM	6,524.37	1631.09	3.8%	10.95	2.74	0.0%	12.53	3.13	0.0%
4:45 PM	5,638.39	1409.60	3.3%	426.21	106.55	0.2%	465.64	116.41	0.3%
5:00 PM	5,269.71	1317.43	3.1%	1,326.41	331.60	0.8%	1,476.69	369.17	0.9%
5:15 PM	7,271.37	1817.84	4.3%	671.35	167.84	0.4%	1,047.79	261.95	0.6%
5:30 PM	9,733.66	2433.41	5.7%	641.76	160.44	0.4%	832.93	208.23	0.5%
5:45 PM	12,614.27	3153.57	7.4%	3,045.26	761.32	1.8%	3,045.26	761.32	1.8%
6:00 PM	16,182.98	4045.74	9.5%	5,062.10	1265.53	3.0%	5,062.10	1265.53	3.0%
6:15 PM	20,564.34	5141.09	12.0%	10,539.06	2634.76	6.2%	10,539.06	2634.76	6.2%
6:30 PM	26,210.55	6552.64	15.3%	12,120.16	3030.04	7.1%	12,120.16	3030.04	7.1%
6:45 PM	33,657.18	11443.44	19.7%	10,986.34	3735.35	6.4%	10,986.34	3735.35	6.4%
7:10 PM	45,175.20	9486.79	26.5%	3,327.86	698.85	1.9%	3,327.86	698.85	1.9%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	8,810.86	352.43	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	8,306.89	1412.17	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	9,987.26	2496.81	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	11,154.44	2788.61	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	12,003.38	3000.84	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	12,576.35	3144.09	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	13,029.76	3257.44	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	13,297.89	3324.47	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	13,540.32	3385.08	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	13,628.27	3407.07	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	13,744.02	3436.01	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	13,711.96	3427.99	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	13,747.75	3436.94	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	13,628.37	3407.09	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	13,608.27	3402.07	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	13,416.85	3354.21	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	13,354.98	3338.74	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	13,097.53	3274.38	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	13,001.02	3250.25	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	12,682.78	3170.69	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	12,549.23	3137.31	7.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	12,171.79	3042.95	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,992.43	2998.11	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	11,585.59	2896.40	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	11,943.02	2985.76	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	12,019.33	3004.83	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	12,313.65	3078.41	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	12,331.18	3082.80	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	12,557.40	3139.35	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	12,518.67	3129.67	7.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	12,540.89	3135.22	7.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	11,963.64	2990.91	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	11,431.72	2857.93	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	10,665.12	2666.28	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	10,067.31	2516.83	5.9%	0.00	0.00	0.0%	10.89	2.72	0.0%
4:00 PM	9,287.63	2321.91	5.4%	0.00	0.00	0.0%	10.80	2.70	0.0%
4:15 PM	8,553.84	2138.46	5.0%	10.97	2.74	0.0%	10.97	2.74	0.0%
4:30 PM	7,620.49	1905.12	4.5%	10.93	2.73	0.0%	30.39	7.60	0.0%
4:45 PM	6,694.77	1673.69	3.9%	1,187.69	296.92	0.7%	1,297.23	324.31	0.8%
5:00 PM	5,653.68	1413.42	3.3%	2,729.72	682.43	1.6%	3,055.22	763.81	1.8%
5:15 PM	6,025.74	1506.44	3.5%	2,586.68	646.67	1.5%	3,261.62	815.40	1.9%
5:30 PM	8,513.24	2128.31	5.0%	506.09	126.52	0.3%	1,051.33	262.83	0.6%
5:45 PM	11,476.05	2869.01	6.7%	3,222.29	805.57	1.9%	2,955.93	738.98	1.7%
6:00 PM	15,194.39	3798.60	8.9%	5,853.32	1463.33	3.4%	5,853.32	1463.33	3.4%
6:15 PM	19,793.97	4948.49	11.6%	11,448.00	2862.00	6.7%	11,448.00	2862.00	6.7%
6:30 PM	25,832.84	6458.21	15.1%	15,022.69	3755.67	8.8%	15,022.69	3755.67	8.8%
6:45 PM	33,967.47	9171.22	19.9%	13,923.73	3759.41	8.2%	13,923.73	3759.41	8.2%
7:02 PM	42,397.27	5935.62	24.8%	6,300.91	882.13	3.7%	6,300.91	882.13	3.7%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	13,749.99	1512.50	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	14,429.25	3318.73	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	14,959.00	3739.75	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	15,342.62	3835.65	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	15,544.14	3886.03	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	15,713.47	3928.37	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	15,742.42	3935.61	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	15,797.59	3949.40	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	15,719.67	3929.92	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	15,706.17	3926.54	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	15,554.08	3888.52	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	15,495.76	3873.94	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	15,286.40	3821.60	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	15,198.18	3799.55	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	14,939.00	3734.75	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	14,826.11	3706.53	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	14,520.16	3630.04	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	14,383.13	3595.78	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	14,030.20	3507.55	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	13,864.84	3466.21	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	13,464.82	3366.21	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	13,260.19	3315.05	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12,957.93	3239.48	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	13,314.46	3328.61	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	13,402.22	3350.56	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	13,703.05	3425.76	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	13,738.92	3434.73	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	13,982.58	3495.65	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,961.63	3490.41	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	13,867.39	3466.85	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	13,230.42	3307.60	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	12,711.09	3177.77	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	11,942.37	2985.59	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	11,314.16	2828.54	6.6%	0.00	0.00	0.0%	10.99	2.75	0.0%
4:00 PM	10,532.04	2633.01	6.2%	10.91	2.73	0.0%	10.91	2.73	0.0%
4:15 PM	9,813.99	2453.50	5.7%	10.89	2.72	0.0%	13.85	3.46	0.0%
4:30 PM	8,888.73	2222.18	5.2%	384.66	96.17	0.2%	460.20	115.05	0.3%
4:45 PM	7,959.29	1989.82	4.7%	2,299.09	574.77	1.3%	2,565.20	641.30	1.5%
5:00 PM	6,823.88	1705.97	4.0%	4,655.01	1163.75	2.7%	5,257.61	1314.40	3.1%
5:15 PM	5,755.82	1438.96	3.4%	5,628.84	1407.21	3.3%	6,635.63	1658.91	3.9%
5:30 PM	7,160.92	1790.23	4.2%	3,533.86	883.47	2.1%	4,563.77	1140.94	2.7%
5:45 PM	10,188.65	2547.16	6.0%	2,149.30	537.33	1.3%	2,100.18	525.05	1.2%
6:00 PM	14,116.65	3529.16	8.3%	7,288.10	1822.02	4.3%	6,973.97	1743.49	4.1%
6:15 PM	19,044.17	4761.04	11.2%	12,670.00	3167.50	7.4%	12,670.00	3167.50	7.4%
6:30 PM	25,638.15	6409.54	15.0%	18,666.44	4666.61	10.9%	18,666.44	4666.61	10.9%
6:45 PM	34,810.77	6614.05	20.4%	16,954.07	3221.27	9.9%	16,954.07	3221.27	9.9%
6:52 PM	39,207.65	2352.46	23.0%	12,851.95	771.12	7.5%	12,851.95	771.12	7.5%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	20,135.85	1208.15	11.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	19,911.24	3783.14	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	19,540.26	4885.07	11.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	19,289.60	4822.40	11.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	19,008.38	4752.10	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	18,816.04	4704.01	11.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	18,543.86	4635.96	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	18,368.58	4592.14	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	18,088.31	4522.08	10.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	17,917.82	4479.45	10.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	17,622.71	4405.68	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	17,453.66	4363.42	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	17,141.43	4285.36	10.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	16,972.20	4243.05	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	16,636.41	4159.10	9.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	16,463.70	4115.93	9.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	16,100.81	4025.20	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	15,919.35	3979.84	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	15,526.58	3881.65	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	15,326.30	3831.57	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	14,900.25	3725.06	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	14,671.28	3667.82	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	14,490.67	3622.67	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	14,848.15	3712.04	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	14,947.91	3736.98	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	15,258.74	3814.69	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	15,316.79	3829.20	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	15,582.31	3895.58	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	15,529.40	3882.35	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	15,288.68	3822.17	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	14,653.44	3663.36	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,151.90	3537.97	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	13,399.55	3349.89	7.8%	0.00	0.00	0.0%	10.76	2.69	0.0%
3:45 PM	12,743.52	3185.88	7.5%	0.10	0.03	0.0%	10.93	2.73	0.0%
4:00 PM	11,954.32	2988.58	7.0%	10.91	2.73	0.0%	10.91	2.73	0.0%
4:15 PM	11,259.43	2814.86	6.6%	11.03	2.76	0.0%	52.37	13.09	0.0%
4:30 PM	10,356.84	2589.21	6.1%	1,393.37	348.34	0.8%	1,601.70	400.43	0.9%
4:45 PM	9,444.39	2361.10	5.5%	3,860.68	965.17	2.3%	4,391.08	1097.77	2.6%
5:00 PM	8,309.50	2077.38	4.9%	7,215.89	1803.97	4.2%	8,144.32	2036.08	4.8%
5:15 PM	7,147.76	1786.94	4.2%	10,058.83	2514.71	5.9%	11,310.42	2827.60	6.6%
5:30 PM	5,853.53	1463.38	3.4%	9,535.18	2383.80	5.6%	11,027.41	2756.85	6.5%
5:45 PM	8,669.86	2167.47	5.1%	6,189.46	1547.37	3.6%	7,051.99	1763.00	4.1%
6:00 PM	12,772.03	3193.01	7.5%	10,064.12	2516.03	5.9%	8,719.97	2179.99	5.1%
6:15 PM	18,156.03	4539.01	10.6%	15,341.96	3835.49	9.0%	15,341.28	3835.32	9.0%
6:30 PM	25,488.43	5862.34	14.9%	24,024.50	5525.63	14.1%	24,024.50	5525.63	14.1%
6:42 PM	34,945.50	3844.00	20.5%	17,169.93	1888.69	10.1%	17,169.93	1888.69	10.1%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	26,751.40	3477.68	15.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	25,028.33	6257.08	14.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	23,927.35	5981.84	14.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	23,016.59	5754.15	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	22,365.61	5591.40	13.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	21,721.60	5430.40	12.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	21,265.60	5316.40	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	20,743.33	5185.83	12.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	20,387.02	5096.76	11.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	19,924.04	4981.01	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	19,625.95	4906.49	11.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	19,192.31	4798.08	11.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	18,930.29	4732.57	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	18,506.57	4626.64	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	18,266.30	4566.58	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	17,840.26	4460.06	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	17,607.89	4401.97	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	17,171.09	4292.77	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	16,935.04	4233.76	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	16,479.59	4119.90	9.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	16,224.48	4056.12	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	16,184.87	4046.22	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	16,545.87	4136.47	9.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	16,657.96	4164.49	9.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	16,984.82	4246.20	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	17,069.31	4267.33	10.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	17,363.68	4340.92	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	17,193.58	4298.39	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	16,857.27	4214.32	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	16,241.11	4060.28	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	15,764.61	3941.15	9.2%	0.00	0.00	0.0%	0.10	0.03	0.0%
3:30 PM	15,039.17	3759.79	8.8%	0.00	0.00	0.0%	10.74	2.69	0.0%
3:45 PM	14,410.38	3602.59	8.4%	10.93	2.73	0.0%	10.93	2.73	0.0%
4:00 PM	13,591.87	3397.97	8.0%	10.91	2.73	0.0%	21.17	5.29	0.0%
4:15 PM	12,912.80	3228.20	7.6%	368.20	92.05	0.2%	519.82	129.95	0.3%
4:30 PM	12,046.00	3011.50	7.1%	2,788.22	697.06	1.6%	3,243.80	810.95	1.9%
4:45 PM	11,182.40	2795.60	6.5%	6,275.85	1568.96	3.7%	7,134.34	1783.58	4.2%
5:00 PM	10,064.94	2516.24	5.9%	10,452.67	2613.17	6.1%	11,643.20	2910.80	6.8%
5:15 PM	8,892.04	2223.01	5.2%	15,584.00	3896.00	9.1%	17,000.66	4250.17	10.0%
5:30 PM	7,537.42	1884.35	4.4%	19,007.89	4751.97	11.1%	20,674.66	5168.66	12.1%
5:45 PM	6,835.67	1708.92	4.0%	17,771.43	4442.86	10.4%	19,721.86	4930.47	11.5%
6:00 PM	11,121.68	2780.42	6.5%	11,819.72	2954.93	6.9%	11,620.38	2905.10	6.8%
6:15 PM	17,010.33	4592.79	10.0%	20,154.94	5441.83	11.8%	18,847.98	5088.95	11.0%
6:31 PM	28,539.14	3995.48	16.7%	21,602.25	3024.31	12.6%	21,602.25	3024.31	12.6%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	33,510.58	2680.85	19.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	31,565.21	6628.69	18.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	29,334.58	7333.65	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	27,615.11	6903.78	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	26,391.45	6597.86	15.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	25,293.21	6323.30	14.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	24,497.91	6124.48	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	23,690.25	5922.56	13.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	23,115.30	5778.83	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	22,457.63	5614.41	13.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	22,011.75	5502.94	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	21,441.25	5360.31	12.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	21,073.79	5268.45	12.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	20,551.38	5137.84	12.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	20,235.07	5058.77	11.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	19,738.24	4934.56	11.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	19,451.67	4862.92	11.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	18,965.91	4741.48	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	18,690.70	4672.68	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	18,202.72	4550.68	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	17,922.90	4480.73	10.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	18,041.49	4510.37	10.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	18,408.97	4602.24	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	18,537.87	4634.47	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	18,885.86	4721.47	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	19,000.40	4750.10	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	19,281.54	4820.38	11.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	18,935.13	4733.78	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	18,593.93	4648.48	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	18,004.49	4501.12	10.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	17,564.41	4391.10	10.3%	0.00	0.00	0.0%	10.93	2.73	0.0%
3:30 PM	16,876.16	4219.04	9.9%	0.10	0.03	0.0%	10.99	2.75	0.0%
3:45 PM	16,294.45	4073.61	9.5%	11.03	2.76	0.0%	11.03	2.76	0.0%
4:00 PM	15,468.96	3867.24	9.1%	10.95	2.74	0.0%	101.63	25.41	0.1%
4:15 PM	14,809.07	3702.27	8.7%	811.22	202.81	0.5%	1,056.30	264.08	0.6%
4:30 PM	13,990.44	3497.61	8.2%	4,208.49	1052.12	2.5%	4,824.80	1206.20	2.8%
4:45 PM	13,203.52	3300.88	7.7%	9,076.75	2269.19	5.3%	10,208.35	2552.09	6.0%
5:00 PM	12,158.00	3039.50	7.1%	14,336.38	3584.09	8.4%	15,683.55	3920.89	9.2%
5:15 PM	11,047.21	2761.80	6.5%	20,725.59	5181.40	12.1%	22,311.10	5577.77	13.1%
5:30 PM	9,636.59	2409.15	5.6%	28,727.74	7181.93	16.8%	30,616.11	7654.03	17.9%
5:45 PM	8,243.53	2060.88	4.8%	32,716.42	8179.10	19.2%	35,014.43	8753.61	20.5%
6:00 PM	9,061.09	2265.27	5.3%	25,134.24	6283.56	14.7%	27,575.85	6893.96	16.1%
6:15 PM	15,388.20	2769.88	9.0%	24,029.35	4325.28	14.1%	20,855.27	3753.95	12.2%
6:21 PM	18,904.20	945.21	11.1%	24,806.23	1240.31	14.5%	22,301.18	1115.06	13.1%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	37,929.72	758.59	22.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	37,384.31	5607.65	21.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	35,310.75	8827.69	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	32,878.84	8219.71	19.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	30,940.75	7735.19	18.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	29,288.10	7322.02	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	28,085.89	7021.47	16.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	26,939.19	6734.80	15.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	26,110.40	6527.60	15.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	25,230.34	6307.58	14.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	24,613.21	6153.30	14.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	23,887.96	5971.99	14.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	23,402.69	5850.67	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	22,770.21	5692.55	13.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	22,369.97	5592.49	13.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	21,795.93	5448.98	12.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	21,450.45	5362.61	12.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	20,910.85	5227.71	12.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	20,595.97	5148.99	12.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	20,072.34	5018.09	11.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	19,915.38	4978.84	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	20,060.57	5015.14	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	20,440.17	5110.04	12.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	20,587.35	5146.84	12.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	20,965.36	5241.34	12.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	21,114.47	5278.62	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	21,284.38	5321.10	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	20,820.80	5205.20	12.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	20,510.92	5127.73	12.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	19,957.91	4989.48	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	19,567.03	4891.76	11.5%	0.00	0.00	0.0%	10.89	2.72	0.0%
3:30 PM	18,930.54	4732.63	11.1%	11.01	2.75	0.0%	11.01	2.75	0.0%
3:45 PM	18,420.00	4605.00	10.8%	10.93	2.73	0.0%	10.93	2.73	0.0%
4:00 PM	17,652.92	4413.23	10.3%	20.31	5.08	0.0%	240.23	60.06	0.1%
4:15 PM	17,019.32	4254.83	10.0%	974.16	243.54	0.6%	1,119.21	279.80	0.7%
4:30 PM	16,238.33	4059.58	9.5%	4,885.96	1221.49	2.9%	5,167.58	1291.90	3.0%
4:45 PM	15,564.03	3891.01	9.1%	10,087.14	2521.79	5.9%	11,320.21	2830.05	6.6%
5:00 PM	14,636.38	3659.10	8.6%	17,030.99	4257.75	10.0%	18,538.98	4634.75	10.9%
5:15 PM	13,667.23	3416.81	8.0%	25,497.93	6374.48	14.9%	27,293.42	6823.35	16.0%
5:30 PM	12,374.05	3093.51	7.2%	35,806.06	8951.52	21.0%	37,978.64	9494.66	22.2%
5:45 PM	10,940.34	2735.09	6.4%	40,826.25	10206.56	23.9%	43,531.56	10882.89	25.5%
6:00 PM	9,437.58	1981.89	5.5%	41,270.28	8666.76	24.2%	44,775.19	9402.79	26.2%
6:09 PM	10,464.36	837.15	6.1%	39,652.40	3172.19	23.2%	43,532.72	3482.62	25.5%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	41,076.52	4107.65	24.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	38,847.83	8546.52	22.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	36,756.97	9189.24	21.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	35,286.56	8821.64	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	33,693.19	8423.30	19.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	32,053.33	8013.33	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	30,507.69	7626.92	17.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	29,381.79	7345.45	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	28,245.19	7061.30	16.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	27,434.81	6858.70	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	26,533.93	6633.48	15.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	25,915.98	6478.99	15.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	25,162.91	6290.73	14.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	24,671.40	6167.85	14.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	24,010.77	6002.69	14.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	23,602.01	5900.50	13.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	23,004.96	5751.24	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	22,649.67	5662.42	13.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	22,089.84	5522.46	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	22,104.56	5526.14	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	22,257.78	5564.44	13.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	22,640.71	5660.18	13.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	22,810.13	5702.53	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	23,225.09	5806.27	13.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	23,378.56	5844.64	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	23,353.08	5838.27	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	22,884.79	5721.20	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	22,618.70	5654.67	13.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	22,114.15	5528.54	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	21,790.37	5447.59	12.8%	0.14	0.04	0.0%	10.91	2.73	0.0%
3:30 PM	21,225.26	5306.32	12.4%	10.97	2.74	0.0%	10.97	2.74	0.0%
3:45 PM	20,809.26	5202.31	12.2%	10.91	2.73	0.0%	10.91	2.73	0.0%
4:00 PM	20,139.98	5035.00	11.8%	338.67	84.67	0.2%	149.29	37.32	0.1%
4:15 PM	19,581.48	4895.37	11.5%	2,221.41	555.35	1.3%	1,540.13	385.03	0.9%
4:30 PM	18,866.15	4716.54	11.0%	5,007.04	1251.76	2.9%	3,996.78	999.20	2.3%
4:45 PM	18,336.87	4584.22	10.7%	9,311.42	2327.85	5.5%	9,140.07	2285.02	5.4%
5:00 PM	17,592.93	4398.23	10.3%	15,825.50	3956.37	9.3%	17,172.28	4293.07	10.1%
5:15 PM	16,863.14	4215.78	9.9%	25,442.25	6360.56	14.9%	27,357.62	6839.41	16.0%
5:30 PM	15,823.13	3955.78	9.3%	36,087.82	9021.95	21.1%	38,631.84	9657.96	22.6%
5:45 PM	14,667.58	3373.54	8.6%	42,747.73	9831.98	25.0%	46,020.24	10584.65	26.9%
5:58 PM	13,687.91	1505.67	8.0%	50,482.68	5553.09	29.6%	54,762.72	6023.90	32.1%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	44,113.69	1764.55	25.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	42,866.73	7287.34	25.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	40,022.48	10005.62	23.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	38,030.87	9507.72	22.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	36,438.57	9109.64	21.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	35,280.48	8820.12	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	34,149.23	8537.31	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	32,942.51	8235.63	19.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	31,521.87	7880.47	18.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	30,489.39	7622.35	17.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	29,390.00	7347.50	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	28,623.88	7155.97	16.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	27,732.96	6933.24	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	27,140.34	6785.08	15.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	26,386.78	6596.69	15.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	25,910.38	6477.59	15.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	25,250.73	6312.68	14.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	24,853.35	6213.34	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	24,254.62	6063.65	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	24,395.35	6098.84	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	24,552.34	6138.08	14.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	24,997.40	6249.35	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	25,197.60	6299.40	14.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	25,652.97	6413.24	15.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	25,714.23	6428.56	15.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	25,563.99	6391.00	15.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	25,136.18	6284.04	14.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	24,928.87	6232.22	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	24,488.22	6122.05	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	24,254.00	6063.50	14.2%	10.84	2.71	0.0%	10.84	2.71	0.0%
3:30 PM	23,783.34	5945.84	13.9%	10.93	2.73	0.0%	10.93	2.73	0.0%
3:45 PM	23,494.96	5873.74	13.8%	56.03	14.01	0.0%	10.87	2.72	0.0%
4:00 PM	22,963.40	5740.85	13.4%	1,542.23	385.56	0.9%	722.28	180.57	0.4%
4:15 PM	22,572.81	5643.20	13.2%	3,939.00	984.75	2.3%	2,038.65	509.66	1.2%
4:30 PM	21,974.83	5493.71	12.9%	6,848.45	1712.11	4.0%	3,889.92	972.48	2.3%
4:45 PM	21,611.24	5402.81	12.7%	11,060.81	2765.20	6.5%	8,554.75	2138.69	5.0%
5:00 PM	21,149.17	5287.29	12.4%	16,304.14	4076.03	9.5%	15,171.43	3792.86	8.9%
5:15 PM	20,803.29	5200.82	12.2%	23,362.69	5840.67	13.7%	23,373.86	5843.47	13.7%
5:30 PM	20,221.51	5459.81	11.8%	32,706.21	8830.68	19.2%	33,537.37	9055.09	19.6%
5:47 PM	19,750.59	2765.08	11.6%	44,820.77	6274.91	26.2%	46,260.34	6476.45	27.1%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	46,973.59	5636.83	27.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	43,710.90	10490.62	25.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	41,114.71	10278.68	24.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	39,051.80	9762.95	22.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	37,564.53	9391.13	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	36,279.01	9069.75	21.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	35,332.96	8833.24	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	34,434.03	8608.51	20.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	33,589.21	8397.30	19.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	32,451.35	8112.84	19.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	31,522.47	7880.62	18.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	30,480.13	7620.03	17.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	29,774.99	7443.75	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	28,918.48	7229.62	16.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	28,369.38	7092.34	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	27,640.65	6910.16	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	27,200.65	6800.16	15.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	26,560.74	6640.19	15.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	26,890.50	6722.63	15.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	27,057.43	6764.36	15.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	27,509.84	6877.46	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	27,736.46	6934.12	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	28,230.41	7057.60	16.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	28,099.66	7024.92	16.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	27,950.72	6987.68	16.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	27,572.11	6893.03	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	27,441.23	6860.31	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	27,081.73	6770.43	15.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	26,961.39	6740.35	15.8%	10.87	2.72	0.0%	6.19	1.55	0.0%
3:30 PM	26,615.93	6653.98	15.6%	11.03	2.76	0.0%	15.68	3.92	0.0%
3:45 PM	26,495.59	6623.90	15.5%	640.55	160.14	0.4%	281.73	70.43	0.2%
4:00 PM	26,145.32	6536.33	15.3%	2,415.89	603.97	1.4%	1,200.97	300.24	0.7%
4:15 PM	25,999.21	6499.80	15.2%	4,684.97	1171.24	2.7%	2,179.63	544.91	1.3%
4:30 PM	25,622.12	6405.53	15.0%	7,732.78	1933.20	4.5%	3,680.38	920.09	2.2%
4:45 PM	25,544.75	6386.19	15.0%	11,347.81	2836.95	6.6%	7,017.41	1754.35	4.1%
5:00 PM	25,439.19	6359.80	14.9%	15,870.73	3967.68	9.3%	12,032.04	3008.01	7.0%
5:15 PM	25,695.30	6423.82	15.0%	21,477.30	5369.33	12.6%	18,465.17	4616.29	10.8%
5:30 PM	25,891.49	4919.38	15.2%	30,935.03	5877.66	18.1%	28,959.78	5502.36	17.0%
5:37 PM	26,096.75	1565.81	15.3%	37,353.23	2241.19	21.9%	35,663.19	2139.79	20.9%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	48,846.67	2930.80	28.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	47,733.37	8592.01	28.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	44,520.25	11130.06	26.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	41,944.91	10486.23	24.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	40,069.37	10017.34	23.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	38,473.33	9618.33	22.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	37,303.99	9326.00	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	36,228.41	9057.10	21.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	35,440.13	8860.03	20.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	34,653.48	8663.37	20.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	34,053.34	8513.34	19.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	33,226.87	8306.72	19.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	32,528.93	8132.23	19.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	31,592.53	7898.13	18.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	30,965.28	7741.32	18.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	30,162.27	7540.57	17.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	29,676.07	7419.02	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	29,082.52	7270.63	17.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	29,478.48	7369.62	17.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	29,657.63	7414.41	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	30,144.20	7536.05	17.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	30,402.90	7600.73	17.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	30,865.08	7716.27	18.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	30,586.11	7646.53	17.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	30,496.49	7624.12	17.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	30,179.63	7544.91	17.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	30,142.26	7535.57	17.7%	0.00	0.00	0.0%	0.14	0.04	0.0%
3:00 PM	29,885.12	7471.28	17.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	29,908.01	7477.00	17.5%	6.79	1.70	0.0%	193.86	48.47	0.1%
3:30 PM	29,718.09	7429.52	17.4%	69.51	17.38	0.0%	551.36	137.84	0.3%
3:45 PM	29,813.59	7453.40	17.5%	1,457.88	364.47	0.9%	1,923.66	480.92	1.1%
4:00 PM	29,700.81	7425.20	17.4%	3,047.77	761.94	1.8%	3,385.97	846.49	2.0%
4:15 PM	29,877.92	7469.48	17.5%	5,014.26	1253.56	2.9%	5,247.10	1311.77	3.1%
4:30 PM	29,869.94	7467.48	17.5%	7,687.70	1921.92	4.5%	7,277.97	1819.49	4.3%
4:45 PM	30,229.68	7557.42	17.7%	10,733.29	2683.32	6.3%	10,822.50	2705.62	6.3%
5:00 PM	30,614.84	7653.71	17.9%	14,816.07	3704.02	8.7%	15,938.00	3984.50	9.3%
5:15 PM	31,655.44	6964.20	18.5%	21,255.16	4676.14	12.4%	23,433.81	5155.44	13.7%
5:27 PM	32,774.55	3277.45	19.2%	30,561.13	3056.11	17.9%	29,855.57	2985.56	17.5%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	48,926.12	6360.40	28.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	48,235.65	12058.91	28.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	45,088.55	11272.14	26.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	42,807.84	10701.96	25.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	40,862.08	10215.52	23.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	39,429.81	9857.45	23.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	38,138.30	9534.58	22.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	37,192.03	9298.01	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	36,271.58	9067.89	21.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	35,607.47	8901.87	20.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	34,912.14	8728.04	20.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	34,414.20	8603.55	20.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	33,826.80	8456.70	19.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	33,361.72	8340.43	19.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	32,688.45	8172.11	19.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	32,222.79	8055.70	18.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	31,747.24	7936.81	18.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	32,156.14	8039.04	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	32,345.33	8086.33	18.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	32,866.98	8216.75	19.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	33,158.31	8289.58	19.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	33,514.47	8378.62	19.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	33,191.93	8297.98	19.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	33,172.88	8293.22	19.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	32,930.84	8232.71	19.3%	0.00	0.00	0.0%	1.69	0.42	0.0%
1:45 PM	33,006.13	8251.53	19.3%	0.00	0.00	0.0%	4.36	1.09	0.0%
2:00 PM	32,868.73	8217.18	19.2%	0.00	0.00	0.0%	30.66	7.67	0.0%
2:15 PM	33,064.80	8266.20	19.4%	0.12	0.03	0.0%	794.33	198.58	0.5%
2:30 PM	33,065.42	8266.35	19.4%	351.43	87.86	0.2%	1,997.23	499.31	1.2%
2:45 PM	33,423.82	8355.96	19.6%	1,634.09	408.52	1.0%	4,129.57	1032.39	2.4%
3:00 PM	33,608.80	8402.20	19.7%	3,167.39	791.85	1.9%	6,557.91	1639.48	3.8%
3:15 PM	34,193.87	8548.47	20.0%	4,931.47	1232.87	2.9%	9,338.13	2334.53	5.5%
3:30 PM	34,563.92	8640.98	20.2%	7,789.39	1947.35	4.6%	12,287.77	3071.94	7.2%
3:45 PM	35,014.52	8753.63	20.5%	11,623.18	2905.80	6.8%	16,006.13	4001.53	9.4%
4:00 PM	35,310.67	8827.67	20.7%	17,888.06	4472.02	10.5%	22,572.31	5643.08	13.2%
4:15 PM	36,066.70	5410.01	21.1%	25,411.67	3811.75	14.9%	29,577.81	4436.67	17.3%
4:18 PM	36,294.52	1088.84	21.3%	27,687.34	830.62	16.2%	30,159.98	904.80	17.7%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	48,989.20	3429.24	28.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	49,017.14	9313.26	28.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	48,435.26	12108.81	28.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	45,717.51	11429.38	26.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	43,411.82	10852.96	25.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	41,705.32	10426.33	24.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	40,164.18	10041.04	23.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	39,037.23	9759.31	22.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	37,963.16	9490.79	22.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	37,185.46	9296.37	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	36,390.48	9097.62	21.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	35,832.20	8958.05	21.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	35,219.49	8804.87	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	34,806.74	8701.69	20.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	34,304.33	8576.08	20.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	33,979.34	8494.84	19.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	33,859.81	8464.95	19.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	34,419.11	8604.78	20.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	34,802.56	8700.64	20.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	35,412.76	8853.19	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	35,825.61	8956.40	21.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	36,046.50	9011.62	21.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	35,805.02	8951.25	21.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	35,850.90	8962.73	21.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	35,709.53	8927.38	20.9%	0.00	0.00	0.0%	10.91	2.73	0.0%
1:45 PM	35,870.25	8967.56	21.0%	0.00	0.00	0.0%	10.91	2.73	0.0%
2:00 PM	35,855.08	8963.77	21.0%	0.00	0.00	0.0%	267.04	66.76	0.2%
2:15 PM	36,126.05	9031.51	21.2%	14.28	3.57	0.0%	1,367.53	341.88	0.8%
2:30 PM	36,233.02	9058.25	21.2%	638.14	159.54	0.4%	3,047.71	761.93	1.8%
2:45 PM	36,540.35	9135.09	21.4%	1,993.03	498.26	1.2%	5,225.22	1306.31	3.1%
3:00 PM	36,708.55	9177.14	21.5%	4,321.96	1080.49	2.5%	8,035.59	2008.90	4.7%
3:15 PM	37,114.76	9278.69	21.7%	7,108.76	1777.19	4.2%	10,981.32	2745.33	6.4%
3:30 PM	37,459.66	9364.92	21.9%	10,191.64	2547.91	6.0%	14,329.07	3582.27	8.4%
3:45 PM	38,135.96	9533.99	22.3%	13,822.05	3455.51	8.1%	19,099.15	4774.79	11.2%
4:00 PM	38,913.78	8171.89	22.8%	19,003.71	3990.78	11.1%	24,795.20	5206.99	14.5%
4:10 PM	39,812.75	3583.15	23.3%	26,376.49	2373.88	15.4%	28,482.43	2563.42	16.7%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	49,039.65	490.40	28.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	49,042.82	6375.57	28.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	49,086.75	12271.69	28.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	48,766.85	12191.71	28.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	46,072.87	11518.22	27.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	44,073.69	11018.42	25.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	42,287.34	10571.84	24.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	40,960.01	10240.00	24.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	39,711.09	9927.77	23.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	38,808.03	9702.01	22.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	37,901.33	9475.33	22.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	37,263.33	9315.83	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	36,577.49	9144.37	21.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	36,117.31	9029.33	21.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	35,583.72	8895.93	20.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	35,249.86	8812.47	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	35,200.21	8800.05	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	35,816.44	8954.11	21.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	36,311.71	9077.93	21.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	36,997.07	9249.27	21.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	37,510.22	9377.56	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	37,645.32	9411.33	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	37,514.98	9378.74	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	37,570.46	9392.61	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	37,512.45	9378.11	22.0%	0.00	0.00	0.0%	10.93	2.73	0.0%
1:45 PM	37,655.01	9413.75	22.1%	0.10	0.03	0.0%	10.97	2.74	0.0%
2:00 PM	37,693.59	9423.40	22.1%	0.00	0.00	0.0%	513.07	128.27	0.3%
2:15 PM	37,950.26	9487.57	22.2%	193.23	48.31	0.1%	1,795.07	448.77	1.1%
2:30 PM	38,119.06	9529.77	22.3%	1,163.62	290.90	0.7%	3,566.05	891.51	2.1%
2:45 PM	38,530.04	9632.51	22.6%	2,786.74	696.69	1.6%	5,640.26	1410.06	3.3%
3:00 PM	38,877.07	9719.27	22.8%	5,172.85	1293.21	3.0%	8,414.12	2103.53	4.9%
3:15 PM	39,550.23	9887.56	23.2%	7,617.80	1904.45	4.5%	11,370.07	2842.52	6.7%
3:30 PM	40,246.43	10061.61	23.6%	10,600.19	2650.05	6.2%	14,754.89	3688.72	8.6%
3:45 PM	41,452.19	10363.05	24.3%	17,406.23	4351.56	10.2%	19,461.76	4865.44	11.4%
4:00 PM	42,963.84	6444.58	25.2%	26,713.47	4007.02	15.6%	27,374.10	4106.12	16.0%
4:03 PM	43,412.95	1302.39	25.4%	27,152.05	814.56	15.9%	27,220.94	816.63	15.9%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	49,078.69	3926.30	28.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	49,103.83	9820.77	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	49,143.57	12285.89	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	48,778.58	12194.65	28.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	46,471.86	11617.96	27.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	44,425.08	11106.27	26.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	42,906.43	10726.61	25.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	41,476.51	10369.13	24.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	40,434.59	10108.65	23.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	39,406.48	9851.62	23.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	38,681.70	9670.43	22.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	37,916.08	9479.02	22.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	37,402.52	9350.63	21.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	36,818.39	9204.60	21.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	36,453.63	9113.41	21.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	36,397.33	9099.33	21.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	37,030.78	9257.69	21.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	37,552.80	9388.20	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	38,274.57	9568.64	22.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	38,775.44	9693.86	22.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	38,868.26	9717.07	22.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	38,770.27	9692.57	22.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	38,866.37	9716.59	22.8%	0.00	0.00	0.0%	0.10	0.03	0.0%
1:30 PM	38,856.90	9714.23	22.8%	0.00	0.00	0.0%	10.84	2.71	0.0%
1:45 PM	39,062.31	9765.58	22.9%	8.66	2.17	0.0%	14.01	3.50	0.0%
2:00 PM	39,175.61	9793.90	22.9%	10.84	2.71	0.0%	713.46	178.36	0.4%
2:15 PM	39,536.57	9884.14	23.2%	381.74	95.44	0.2%	2,119.89	529.97	1.2%
2:30 PM	39,832.87	9958.22	23.3%	1,472.29	368.07	0.9%	3,908.07	977.02	2.3%
2:45 PM	40,419.20	10104.80	23.7%	3,171.80	792.95	1.9%	5,952.65	1488.16	3.5%
3:00 PM	40,979.91	10244.98	24.0%	5,357.50	1339.37	3.1%	8,406.16	2101.54	4.9%
3:15 PM	41,951.37	10487.84	24.6%	7,782.65	1945.66	4.6%	10,773.66	2693.42	6.3%
3:30 PM	43,022.41	10755.60	25.2%	11,626.43	2906.61	6.8%	13,149.20	3287.30	7.7%
3:45 PM	44,797.17	10303.35	26.2%	18,616.68	4281.84	10.9%	19,192.82	4414.35	11.2%
3:57 PM	46,717.58	5138.93	27.4%	23,389.48	2572.84	13.7%	23,599.99	2596.00	13.8%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	49,109.60	982.19	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	49,115.96	7367.39	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	49,153.94	12288.49	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	49,188.90	12297.23	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	48,835.09	12208.77	28.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	46,518.08	11629.52	27.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	44,796.53	11199.13	26.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	43,195.80	10798.95	25.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	42,019.54	10504.89	24.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	40,861.42	10215.35	23.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	40,044.08	10011.02	23.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	39,194.81	9798.70	23.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	38,622.42	9655.60	22.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	37,984.44	9496.11	22.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	37,586.34	9396.59	22.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	37,464.56	9366.14	21.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	38,104.37	9526.09	22.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	38,633.10	9658.27	22.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	39,378.00	9844.50	23.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	39,868.68	9967.17	23.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	39,954.32	9988.58	23.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	39,880.26	9970.07	23.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	40,016.16	10004.04	23.4%	0.00	0.00	0.0%	4.51	1.13	0.0%
1:30 PM	40,050.57	10012.64	23.5%	0.00	0.00	0.0%	10.91	2.73	0.0%
1:45 PM	40,320.01	10080.00	23.6%	10.87	2.72	0.0%	50.15	12.54	0.0%
2:00 PM	40,505.73	10126.43	23.7%	11.07	2.77	0.0%	845.03	211.26	0.5%
2:15 PM	40,970.09	10242.52	24.0%	497.92	124.48	0.3%	2,287.32	571.83	1.3%
2:30 PM	41,385.19	10346.30	24.2%	1,659.28	414.82	1.0%	3,985.24	996.31	2.3%
2:45 PM	42,138.09	10534.52	24.7%	3,361.69	840.42	2.0%	5,742.76	1435.69	3.4%
3:00 PM	42,895.98	10723.99	25.1%	5,301.28	1325.32	3.1%	7,575.36	1893.84	4.4%
3:15 PM	44,149.99	11037.50	25.9%	7,691.14	1922.78	4.5%	9,224.42	2306.10	5.4%
3:30 PM	45,578.47	11394.62	26.7%	12,064.74	3016.19	7.1%	12,565.63	3141.41	7.4%
3:45 PM	47,847.94	9569.59	28.0%	16,459.19	3291.84	9.6%	17,125.30	3425.06	10.0%
3:54 PM	49,542.93	3963.43	29.0%	17,803.71	1424.30	10.4%	17,803.69	1424.30	10.4%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	49,133.10	4421.98	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	49,159.37	10323.47	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	49,192.96	12298.24	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	49,227.06	12306.76	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	48,481.97	12120.49	28.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	46,555.20	11638.80	27.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	44,779.39	11194.85	26.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	43,474.28	10868.57	25.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	42,200.52	10550.13	24.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	41,288.74	10322.18	24.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	40,353.35	10088.34	23.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	39,721.94	9930.48	23.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	39,027.10	9756.78	22.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	38,593.88	9648.47	22.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	38,353.81	9588.45	22.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	38,944.48	9736.12	22.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	39,441.11	9860.28	23.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	40,248.55	10062.14	23.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	40,780.22	10195.05	23.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	40,877.80	10219.45	23.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	40,820.67	10205.17	23.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	40,988.10	10247.02	24.0%	0.00	0.00	0.0%	7.65	1.91	0.0%
1:30 PM	41,054.71	10263.68	24.0%	0.74	0.19	0.0%	10.87	2.72	0.0%
1:45 PM	41,376.21	10344.05	24.2%	11.07	2.77	0.0%	76.30	19.08	0.0%
2:00 PM	41,618.25	10404.56	24.4%	10.93	2.73	0.0%	858.96	214.74	0.5%
2:15 PM	42,165.17	10541.29	24.7%	540.07	135.02	0.3%	2,173.23	543.31	1.3%
2:30 PM	42,674.80	10668.70	25.0%	1,716.20	429.05	1.0%	3,687.95	921.99	2.2%
2:45 PM	43,562.84	10890.71	25.5%	3,378.83	844.71	2.0%	5,153.82	1288.45	3.0%
3:00 PM	44,485.15	11121.29	26.0%	5,225.92	1306.48	3.1%	6,559.76	1639.94	3.8%
3:15 PM	45,969.82	11492.46	26.9%	7,409.16	1852.29	4.3%	7,780.73	1945.18	4.6%
3:30 PM	47,689.02	11922.26	27.9%	11,160.34	2790.09	6.5%	11,284.47	2821.12	6.6%
3:45 PM	50,387.69	9069.78	29.5%	13,279.02	2390.22	7.8%	13,279.02	2390.22	7.8%
3:51 PM	50,276.98	2513.85	29.4%	14,851.36	742.57	8.7%	14,851.40	742.57	8.7%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	49,149.76	1965.99	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	49,160.90	8357.35	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	49,194.30	12298.57	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	49,227.43	12306.86	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	49,258.54	12314.63	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	48,093.87	12023.47	28.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	46,150.12	11537.53	27.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	44,720.66	11180.16	26.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	43,338.71	10834.68	25.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	42,346.81	10586.70	24.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	41,328.95	10332.24	24.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	40,638.02	10159.51	23.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	39,890.28	9972.57	23.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	39,419.42	9854.86	23.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	39,013.21	9753.30	22.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	39,665.43	9916.36	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	40,201.55	10050.39	23.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	40,946.69	10236.67	24.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	41,468.51	10367.13	24.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	41,592.12	10398.03	24.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	41,539.62	10384.91	24.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	41,724.10	10431.03	24.4%	0.00	0.00	0.0%	3.56	0.89	0.0%
1:30 PM	41,811.40	10452.85	24.5%	0.19	0.05	0.0%	10.78	2.70	0.0%
1:45 PM	42,164.78	10541.20	24.7%	10.87	2.72	0.0%	37.99	9.50	0.0%
2:00 PM	42,442.60	10610.65	24.9%	10.91	2.73	0.0%	716.52	179.13	0.4%
2:15 PM	43,043.09	10760.77	25.2%	507.68	126.92	0.3%	1,886.44	471.61	1.1%
2:30 PM	43,615.26	10903.81	25.5%	1,647.38	411.85	1.0%	3,251.53	812.88	1.9%
2:45 PM	44,592.15	11148.04	26.1%	3,252.77	813.19	1.9%	4,482.11	1120.53	2.6%
3:00 PM	45,618.39	11404.60	26.7%	5,015.39	1253.85	2.9%	5,707.24	1426.81	3.3%
3:15 PM	47,254.75	11813.69	27.7%	7,013.92	1753.48	4.1%	6,855.82	1713.95	4.0%
3:30 PM	49,167.36	12291.84	28.8%	9,410.50	2352.63	5.5%	9,910.30	2477.57	5.8%
3:45 PM	50,868.31	8647.61	29.8%	11,765.62	2000.16	6.9%	11,567.09	1966.40	6.8%
3:51 PM	50,685.23	2534.26	29.7%	13,043.96	652.20	7.6%	14,475.53	723.78	8.5%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	49,159.74	5899.17	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	47,414.10	11853.53	27.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	46,692.29	11673.07	27.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	48,540.43	12135.11	28.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	46,757.46	11689.36	27.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	47,232.15	11808.04	27.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	43,517.33	10879.33	25.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	44,209.15	11052.29	25.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	43,144.23	10786.06	25.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	42,062.04	10515.51	24.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	41,317.07	10329.27	24.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	40,519.78	10129.95	23.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	40,014.02	10003.50	23.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	39,425.88	9856.47	23.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	40,018.59	10004.65	23.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	40,529.95	10132.49	23.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	41,290.57	10322.64	24.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	41,875.23	10468.81	24.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	42,054.32	10513.58	24.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	41,997.40	10499.35	24.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	42,184.31	10546.08	24.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	42,274.19	10568.55	24.8%	0.10	0.03	0.0%	10.99	2.75	0.0%
1:45 PM	42,637.60	10659.40	25.0%	10.91	2.73	0.0%	10.91	2.73	0.0%
2:00 PM	42,925.69	10731.42	25.1%	10.91	2.73	0.0%	507.45	126.86	0.3%
2:15 PM	43,544.08	10886.02	25.5%	411.11	102.78	0.2%	1,555.36	388.84	0.9%
2:30 PM	44,136.62	11034.15	25.8%	1,466.36	366.59	0.9%	2,818.06	704.52	1.7%
2:45 PM	45,147.57	11286.89	26.4%	3,010.24	752.56	1.8%	3,952.19	988.05	2.3%
3:00 PM	46,207.76	11551.94	27.1%	4,701.82	1175.46	2.8%	5,103.59	1275.90	3.0%
3:15 PM	47,897.62	11974.40	28.0%	6,571.18	1642.80	3.8%	5,995.93	1498.98	3.5%
3:30 PM	49,871.62	12467.90	29.2%	8,503.59	2125.90	5.0%	8,497.95	2124.49	5.0%
3:45 PM	51,146.69	9206.40	30.0%	11,060.03	1990.80	6.5%	10,275.99	1849.68	6.0%
3:52 PM	50,909.79	3054.59	29.8%	12,357.54	741.45	7.2%	15,329.10	919.75	9.0%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	49,163.24	3933.06	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	49,186.25	10329.11	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	49,219.07	12304.77	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	49,249.61	12312.40	28.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	49,280.62	12320.15	28.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	47,929.93	11982.48	28.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	46,296.23	11574.06	27.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	44,741.20	11185.30	26.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	43,617.35	10904.34	25.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	42,486.48	10621.62	24.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	41,698.49	10424.62	24.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	40,862.28	10215.57	23.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	40,328.53	10082.13	23.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	39,714.30	9928.58	23.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	40,084.85	10021.21	23.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	40,580.08	10145.02	23.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	41,330.37	10332.59	24.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	41,947.11	10486.78	24.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	42,234.56	10558.64	24.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	42,166.45	10541.61	24.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	42,342.82	10585.71	24.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	42,420.87	10605.22	24.8%	0.00	0.00	0.0%	10.99	2.75	0.0%
1:45 PM	42,773.23	10693.31	25.0%	10.91	2.73	0.0%	10.91	2.73	0.0%
2:00 PM	43,049.24	10762.31	25.2%	10.80	2.70	0.0%	337.54	84.38	0.2%
2:15 PM	43,650.71	10912.68	25.6%	279.80	69.95	0.2%	1,263.85	315.96	0.7%
2:30 PM	44,222.88	11055.72	25.9%	1,216.83	304.21	0.7%	2,479.62	619.90	1.5%
2:45 PM	45,213.46	11303.36	26.5%	2,691.10	672.77	1.6%	3,596.98	899.24	2.1%
3:00 PM	46,241.12	11560.28	27.1%	4,337.49	1084.37	2.5%	4,734.75	1183.69	2.8%
3:15 PM	47,885.89	11971.47	28.0%	6,137.48	1534.37	3.6%	5,634.74	1408.69	3.3%
3:30 PM	49,785.44	12446.36	29.2%	8,023.57	2005.89	4.7%	7,789.35	1947.34	4.6%
3:45 PM	51,285.38	10769.93	30.0%	10,387.81	2181.44	6.1%	9,404.86	1975.02	5.5%
3:54 PM	50,991.22	4079.30	29.9%	12,103.45	968.28	7.1%	15,393.22	1231.46	9.0%

APPENDIX 8: SHADOW CALCULATIONS FOR MISSION ROCK SQUARE (PROPOSED BY PROJECT)

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	0.00	0.00	0.0%	42,084.01	4629.24	88.2%	42,084.01	4629.24	88.2%
7:00 AM	0.00	0.00	0.0%	40,781.72	9379.79	85.4%	40,688.67	9358.39	85.2%
7:15 AM	0.00	0.00	0.0%	39,757.65	9939.41	83.3%	39,505.86	9876.47	82.8%
7:30 AM	0.00	0.00	0.0%	38,858.59	9714.65	81.4%	38,217.42	9554.36	80.1%
7:45 AM	0.00	0.00	0.0%	37,706.76	9426.69	79.0%	37,252.38	9313.10	78.0%
8:00 AM	0.00	0.00	0.0%	36,617.55	9154.39	76.7%	36,422.72	9105.68	76.3%
8:15 AM	0.00	0.00	0.0%	31,260.31	7815.08	65.5%	35,622.18	8905.55	74.6%
8:30 AM	0.00	0.00	0.0%	25,876.99	6469.25	54.2%	35,060.66	8765.16	73.5%
8:45 AM	0.00	0.00	0.0%	21,308.06	5327.02	44.6%	30,348.03	7587.01	63.6%
9:00 AM	0.00	0.00	0.0%	17,848.37	4462.09	37.4%	25,105.41	6276.35	52.6%
9:15 AM	0.00	0.00	0.0%	15,462.01	3865.50	32.4%	21,688.06	5422.02	45.4%
9:30 AM	0.00	0.00	0.0%	13,357.08	3339.27	28.0%	18,718.52	4679.63	39.2%
9:45 AM	0.00	0.00	0.0%	11,486.72	2871.68	24.1%	16,086.78	4021.70	33.7%
10:00 AM	0.00	0.00	0.0%	9,748.82	2437.20	20.4%	13,707.58	3426.89	28.7%
10:15 AM	0.00	0.00	0.0%	8,177.29	2044.32	17.1%	11,658.30	2914.57	24.4%
10:30 AM	0.00	0.00	0.0%	6,662.60	1665.65	14.0%	9,758.90	2439.72	20.4%
10:45 AM	0.00	0.00	0.0%	5,276.74	1319.18	11.1%	8,055.59	2013.90	16.9%
11:00 AM	0.00	0.00	0.0%	3,896.97	974.24	8.2%	6,450.57	1612.64	13.5%
11:15 AM	0.00	0.00	0.0%	3,751.57	937.89	7.9%	5,037.24	1259.31	10.6%
11:30 AM	0.00	0.00	0.0%	3,909.36	977.34	8.2%	3,909.36	977.34	8.2%
11:45 AM	0.00	0.00	0.0%	4,151.08	1037.77	8.7%	4,151.08	1037.77	8.7%
12:00 PM	0.00	0.00	0.0%	4,226.72	1056.68	8.9%	4,226.72	1056.68	8.9%
12:15 PM	0.00	0.00	0.0%	4,433.58	1108.40	9.3%	4,433.58	1108.40	9.3%
12:30 PM	0.00	0.00	0.0%	4,422.87	1105.72	9.3%	4,422.87	1105.72	9.3%
12:45 PM	0.00	0.00	0.0%	4,586.14	1146.53	9.6%	4,586.14	1146.53	9.6%
1:00 PM	0.00	0.00	0.0%	4,499.50	1124.88	9.4%	4,499.50	1124.88	9.4%
1:15 PM	0.00	0.00	0.0%	4,519.42	1129.86	9.5%	4,519.42	1129.86	9.5%
1:30 PM	0.00	0.00	0.0%	4,230.53	1057.63	8.9%	4,230.53	1057.63	8.9%
1:45 PM	0.00	0.00	0.0%	4,139.90	1034.98	8.7%	4,139.90	1034.98	8.7%
2:00 PM	0.00	0.00	0.0%	3,803.35	950.84	8.0%	3,803.35	950.84	8.0%
2:15 PM	0.00	0.00	0.0%	3,638.31	909.58	7.6%	3,638.31	909.58	7.6%
2:30 PM	0.00	0.00	0.0%	3,270.04	817.51	6.9%	3,270.04	817.51	6.9%
2:45 PM	0.00	0.00	0.0%	3,024.26	756.07	6.3%	3,024.26	756.07	6.3%
3:00 PM	0.00	0.00	0.0%	2,625.65	656.41	5.5%	2,625.65	656.41	5.5%
3:15 PM	0.00	0.00	0.0%	3,944.32	986.08	8.3%	3,944.32	986.08	8.3%
3:30 PM	0.00	0.00	0.0%	5,138.06	1284.52	10.8%	5,138.06	1284.52	10.8%
3:45 PM	0.00	0.00	0.0%	6,917.27	1729.32	14.5%	6,917.27	1729.32	14.5%
4:00 PM	0.00	0.00	0.0%	8,692.50	2173.13	18.2%	8,692.50	2173.13	18.2%
4:15 PM	0.00	0.00	0.0%	10,589.21	2647.30	22.2%	10,589.21	2647.30	22.2%
4:30 PM	0.00	0.00	0.0%	12,654.70	3163.68	26.5%	12,654.70	3163.68	26.5%
4:45 PM	0.00	0.00	0.0%	15,503.82	3875.95	32.5%	15,503.82	3875.95	32.5%
5:00 PM	0.00	0.00	0.0%	18,778.19	4694.55	39.3%	18,778.19	4694.55	39.3%
5:15 PM	0.00	0.00	0.0%	22,322.42	5580.60	46.8%	22,322.42	5580.60	46.8%
5:30 PM	0.00	0.00	0.0%	25,293.62	6323.40	53.0%	25,293.62	6323.40	53.0%
5:45 PM	0.00	0.00	0.0%	28,716.93	7179.23	60.2%	28,716.93	7179.23	60.2%
6:00 PM	0.00	0.00	0.0%	33,228.84	8307.21	69.6%	33,228.84	8307.21	69.6%
6:15 PM	0.00	0.00	0.0%	37,332.43	9333.11	78.2%	37,332.43	9333.11	78.2%
6:30 PM	0.00	0.00	0.0%	39,878.51	9969.63	83.5%	39,878.51	9969.63	83.5%
6:45 PM	182.97	45.74	0.4%	42,731.52	10682.88	89.5%	42,731.52	10682.88	89.5%
7:00 PM	10,425.69	2606.42	21.8%	35,041.78	8760.44	73.4%	35,041.78	8760.44	73.4%
7:15 PM	19,149.24	5744.77	40.1%	28,254.10	8476.23	59.2%	28,254.10	8476.23	59.2%
7:36 PM	33,644.92	6056.09	70.5%	13,982.03	2516.77	29.3%	13,982.03	2516.77	29.3%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	0.00	0.00	0.0%	41,986.08	4198.61	88.0%	41,986.09	4198.61	88.0%
7:00 AM	0.00	0.00	0.0%	40,875.48	8992.61	85.6%	40,795.89	8975.10	85.5%
7:15 AM	0.00	0.00	0.0%	39,800.43	9950.11	83.4%	39,642.92	9910.73	83.1%
7:30 AM	0.00	0.00	0.0%	38,915.60	9728.90	81.5%	38,301.57	9575.39	80.2%
7:45 AM	0.00	0.00	0.0%	37,794.03	9448.51	79.2%	37,312.92	9328.23	78.2%
8:00 AM	0.00	0.00	0.0%	36,697.49	9174.37	76.9%	36,490.42	9122.61	76.4%
8:15 AM	0.00	0.00	0.0%	31,984.09	7996.02	67.0%	35,683.71	8920.93	74.8%
8:30 AM	0.00	0.00	0.0%	26,479.38	6619.85	55.5%	35,099.45	8774.86	73.5%
8:45 AM	0.00	0.00	0.0%	21,798.02	5449.51	45.7%	30,978.09	7744.52	64.9%
9:00 AM	0.00	0.00	0.0%	18,240.74	4560.19	38.2%	25,611.63	6402.91	53.7%
9:15 AM	0.00	0.00	0.0%	15,803.20	3950.80	33.1%	22,124.59	5531.15	46.4%
9:30 AM	0.00	0.00	0.0%	13,662.92	3415.73	28.6%	19,104.13	4776.03	40.0%
9:45 AM	0.00	0.00	0.0%	11,763.74	2940.93	24.6%	16,430.20	4107.55	34.4%
10:00 AM	0.00	0.00	0.0%	10,003.88	2500.97	21.0%	14,009.64	3502.41	29.4%
10:15 AM	0.00	0.00	0.0%	8,415.08	2103.77	17.6%	11,932.06	2983.01	25.0%
10:30 AM	0.00	0.00	0.0%	6,885.81	1721.45	14.4%	10,010.53	2502.63	21.0%
10:45 AM	0.00	0.00	0.0%	5,487.27	1371.82	11.5%	8,287.49	2071.87	17.4%
11:00 AM	0.00	0.00	0.0%	4,096.10	1024.03	8.6%	6,664.82	1666.20	14.0%
11:15 AM	0.00	0.00	0.0%	3,777.58	944.40	7.9%	5,238.34	1309.59	11.0%
11:30 AM	0.00	0.00	0.0%	3,938.88	984.72	8.3%	3,941.98	985.49	8.3%
11:45 AM	0.00	0.00	0.0%	4,182.80	1045.70	8.8%	4,182.80	1045.70	8.8%
12:00 PM	0.00	0.00	0.0%	4,262.63	1065.66	8.9%	4,262.63	1065.66	8.9%
12:15 PM	0.00	0.00	0.0%	4,469.28	1117.32	9.4%	4,469.28	1117.32	9.4%
12:30 PM	0.00	0.00	0.0%	4,466.75	1116.69	9.4%	4,466.75	1116.69	9.4%
12:45 PM	0.00	0.00	0.0%	4,632.09	1158.02	9.7%	4,632.09	1158.02	9.7%
1:00 PM	0.00	0.00	0.0%	4,550.71	1137.68	9.5%	4,550.71	1137.68	9.5%
1:15 PM	0.00	0.00	0.0%	4,584.33	1146.08	9.6%	4,584.33	1146.08	9.6%
1:30 PM	0.00	0.00	0.0%	4,298.35	1074.59	9.0%	4,298.35	1074.59	9.0%
1:45 PM	0.00	0.00	0.0%	4,209.05	1052.26	8.8%	4,209.05	1052.26	8.8%
2:00 PM	0.00	0.00	0.0%	3,874.92	968.73	8.1%	3,874.92	968.73	8.1%
2:15 PM	0.00	0.00	0.0%	3,712.40	928.10	7.8%	3,712.40	928.10	7.8%
2:30 PM	0.00	0.00	0.0%	3,346.58	836.65	7.0%	3,346.58	836.65	7.0%
2:45 PM	0.00	0.00	0.0%	3,104.56	776.14	6.5%	3,104.56	776.14	6.5%
3:00 PM	0.00	0.00	0.0%	2,707.65	676.91	5.7%	2,707.65	676.91	5.7%
3:15 PM	0.00	0.00	0.0%	3,898.97	974.74	8.2%	3,898.97	974.74	8.2%
3:30 PM	0.00	0.00	0.0%	5,116.25	1279.06	10.7%	5,116.25	1279.06	10.7%
3:45 PM	0.00	0.00	0.0%	6,856.63	1714.16	14.4%	6,856.63	1714.16	14.4%
4:00 PM	0.00	0.00	0.0%	8,642.60	2160.65	18.1%	8,642.60	2160.65	18.1%
4:15 PM	0.00	0.00	0.0%	10,545.25	2636.31	22.1%	10,545.25	2636.31	22.1%
4:30 PM	0.00	0.00	0.0%	12,495.27	3123.82	26.2%	12,495.27	3123.82	26.2%
4:45 PM	0.00	0.00	0.0%	15,341.33	3835.33	32.1%	15,341.33	3835.33	32.1%
5:00 PM	0.00	0.00	0.0%	18,553.46	4638.36	38.9%	18,553.46	4638.36	38.9%
5:15 PM	0.00	0.00	0.0%	22,108.03	5527.01	46.3%	22,108.03	5527.01	46.3%
5:30 PM	0.00	0.00	0.0%	25,114.50	6278.63	52.6%	25,114.50	6278.63	52.6%
5:45 PM	0.00	0.00	0.0%	28,447.01	7111.75	59.6%	28,447.01	7111.75	59.6%
6:00 PM	0.00	0.00	0.0%	32,855.96	8213.99	68.8%	32,855.96	8213.99	68.8%
6:15 PM	0.00	0.00	0.0%	37,114.67	9278.67	77.8%	37,114.67	9278.67	77.8%
6:30 PM	0.00	0.00	0.0%	39,614.03	9903.51	83.0%	39,614.03	9903.51	83.0%
6:45 PM	0.67	0.17	0.0%	42,586.58	10646.64	89.2%	42,586.58	10646.64	89.2%
7:00 PM	9,363.25	2340.81	19.6%	35,841.02	8960.26	75.1%	35,841.02	8960.26	75.1%
7:15 PM	18,458.38	5537.51	38.7%	28,813.51	8644.05	60.4%	28,813.51	8644.05	60.4%
7:36 PM	33,676.29	6061.73	70.6%	13,952.99	2511.54	29.2%	13,952.99	2511.54	29.2%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	0.00	0.00	0.0%	41,684.71	2501.08	87.3%	41,684.72	2501.08	87.3%
7:00 AM	0.00	0.00	0.0%	40,885.07	7768.16	85.7%	40,829.34	7757.57	85.5%
7:15 AM	0.00	0.00	0.0%	39,730.83	9932.71	83.2%	39,605.99	9901.50	83.0%
7:30 AM	0.00	0.00	0.0%	38,850.03	9712.51	81.4%	38,321.91	9580.48	80.3%
7:45 AM	0.00	0.00	0.0%	37,800.57	9450.14	79.2%	37,307.70	9326.93	78.2%
8:00 AM	0.00	0.00	0.0%	36,710.15	9177.54	76.9%	36,495.99	9124.00	76.5%
8:15 AM	0.00	0.00	0.0%	32,950.40	8237.60	69.0%	35,709.08	8927.27	74.8%
8:30 AM	0.00	0.00	0.0%	27,250.44	6812.61	57.1%	35,126.03	8781.51	73.6%
8:45 AM	0.00	0.00	0.0%	22,447.10	5611.78	47.0%	31,768.83	7942.21	66.6%
9:00 AM	0.00	0.00	0.0%	18,900.22	4725.05	39.6%	26,376.15	6594.04	55.3%
9:15 AM	0.00	0.00	0.0%	16,382.88	4095.72	34.3%	22,791.99	5698.00	47.7%
9:30 AM	0.00	0.00	0.0%	14,179.65	3544.91	29.7%	19,688.72	4922.18	41.2%
9:45 AM	0.00	0.00	0.0%	12,235.65	3058.91	25.6%	16,953.09	4238.27	35.5%
10:00 AM	0.00	0.00	0.0%	10,436.22	2609.06	21.9%	14,480.00	3620.00	30.3%
10:15 AM	0.00	0.00	0.0%	8,816.08	2204.02	18.5%	12,347.44	3086.86	25.9%
10:30 AM	0.00	0.00	0.0%	7,260.33	1815.08	15.2%	10,394.76	2598.69	21.8%
10:45 AM	0.00	0.00	0.0%	5,842.80	1460.70	12.2%	8,648.03	2162.01	18.1%
11:00 AM	0.00	0.00	0.0%	4,433.01	1108.25	9.3%	7,004.64	1751.16	14.7%
11:15 AM	0.00	0.00	0.0%	3,909.05	977.26	8.2%	5,557.39	1389.35	11.6%
11:30 AM	0.00	0.00	0.0%	4,074.79	1018.70	8.5%	4,190.68	1047.67	8.8%
11:45 AM	0.00	0.00	0.0%	4,321.42	1080.35	9.1%	4,321.42	1080.35	9.1%
12:00 PM	0.00	0.00	0.0%	4,405.75	1101.44	9.2%	4,405.75	1101.44	9.2%
12:15 PM	0.00	0.00	0.0%	4,615.03	1153.76	9.7%	4,615.03	1153.76	9.7%
12:30 PM	0.00	0.00	0.0%	4,616.76	1154.19	9.7%	4,616.76	1154.19	9.7%
12:45 PM	0.00	0.00	0.0%	4,784.74	1196.19	10.0%	4,784.74	1196.19	10.0%
1:00 PM	0.00	0.00	0.0%	4,710.41	1177.60	9.9%	4,710.41	1177.60	9.9%
1:15 PM	0.00	0.00	0.0%	4,754.74	1188.69	10.0%	4,754.74	1188.69	10.0%
1:30 PM	0.00	0.00	0.0%	4,470.64	1117.66	9.4%	4,470.64	1117.66	9.4%
1:45 PM	0.00	0.00	0.0%	4,379.04	1094.76	9.2%	4,379.04	1094.76	9.2%
2:00 PM	0.00	0.00	0.0%	4,046.40	1011.60	8.5%	4,046.40	1011.60	8.5%
2:15 PM	0.00	0.00	0.0%	3,882.65	970.66	8.1%	3,882.65	970.66	8.1%
2:30 PM	0.00	0.00	0.0%	3,519.42	879.86	7.4%	3,519.42	879.86	7.4%
2:45 PM	0.00	0.00	0.0%	3,278.10	819.53	6.9%	3,278.10	819.53	6.9%
3:00 PM	0.00	0.00	0.0%	2,881.44	720.36	6.0%	2,881.44	720.36	6.0%
3:15 PM	0.00	0.00	0.0%	4,051.91	1012.98	8.5%	4,051.91	1012.98	8.5%
3:30 PM	0.00	0.00	0.0%	5,312.98	1328.24	11.1%	5,312.98	1328.24	11.1%
3:45 PM	0.00	0.00	0.0%	7,072.65	1768.16	14.8%	7,072.65	1768.16	14.8%
4:00 PM	0.00	0.00	0.0%	8,888.92	2222.23	18.6%	8,888.92	2222.23	18.6%
4:15 PM	0.00	0.00	0.0%	10,830.81	2707.70	22.7%	10,830.81	2707.70	22.7%
4:30 PM	0.00	0.00	0.0%	12,799.15	3199.79	26.8%	12,799.15	3199.79	26.8%
4:45 PM	0.00	0.00	0.0%	15,486.03	3871.51	32.4%	15,486.03	3871.51	32.4%
5:00 PM	0.00	0.00	0.0%	18,628.30	4657.07	39.0%	18,628.30	4657.07	39.0%
5:15 PM	0.00	0.00	0.0%	22,243.08	5560.77	46.6%	22,243.08	5560.77	46.6%
5:30 PM	0.00	0.00	0.0%	25,201.24	6300.31	52.8%	25,201.24	6300.31	52.8%
5:45 PM	0.00	0.00	0.0%	28,476.99	7119.25	59.7%	28,476.99	7119.25	59.7%
6:00 PM	0.00	0.00	0.0%	32,833.58	8208.40	68.8%	32,833.58	8208.40	68.8%
6:15 PM	0.00	0.00	0.0%	36,941.90	9235.48	77.4%	36,941.90	9235.48	77.4%
6:30 PM	0.00	0.00	0.0%	39,401.71	9850.43	82.5%	39,401.71	9850.43	82.5%
6:45 PM	91.02	22.76	0.2%	42,184.74	10546.19	88.4%	42,184.74	10546.19	88.4%
7:00 PM	8,675.56	2168.89	18.2%	36,284.85	9071.21	76.0%	36,284.85	9071.21	76.0%
7:15 PM	18,389.98	5516.99	38.5%	28,778.33	8633.50	60.3%	28,778.33	8633.50	60.3%
7:36 PM	33,781.25	6080.63	70.8%	13,845.77	2492.24	29.0%	13,845.77	2492.24	29.0%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	0.00	0.00	0.0%	41,183.56	1235.51	86.3%	41,183.56	1235.51	86.3%
7:00 AM	0.00	0.00	0.0%	40,808.38	6121.26	85.5%	40,785.78	6117.87	85.4%
7:15 AM	0.00	0.00	0.0%	39,561.60	9890.40	82.9%	39,457.91	9864.48	82.7%
7:30 AM	0.00	0.00	0.0%	38,660.31	9665.08	81.0%	38,271.15	9567.79	80.2%
7:45 AM	0.00	0.00	0.0%	37,707.56	9426.89	79.0%	37,227.60	9306.90	78.0%
8:00 AM	0.00	0.00	0.0%	36,642.28	9160.57	76.8%	36,421.39	9105.35	76.3%
8:15 AM	0.00	0.00	0.0%	34,164.92	8541.23	71.6%	35,678.78	8919.69	74.7%
8:30 AM	0.00	0.00	0.0%	28,196.32	7049.08	59.1%	35,127.14	8781.78	73.6%
8:45 AM	0.00	0.00	0.0%	23,255.20	5813.80	48.7%	32,429.38	8107.34	67.9%
9:00 AM	0.00	0.00	0.0%	19,823.34	4955.84	41.5%	27,392.19	6848.05	57.4%
9:15 AM	0.00	0.00	0.0%	17,197.11	4299.28	36.0%	23,680.28	5920.07	49.6%
9:30 AM	0.00	0.00	0.0%	14,905.44	3726.36	31.2%	20,469.60	5117.40	42.9%
9:45 AM	0.00	0.00	0.0%	12,896.91	3224.23	27.0%	17,648.38	4412.10	37.0%
10:00 AM	0.00	0.00	0.0%	11,043.65	2760.91	23.1%	15,105.14	3776.28	31.6%
10:15 AM	0.00	0.00	0.0%	9,377.72	2344.43	19.6%	12,898.98	3224.74	27.0%
10:30 AM	0.00	0.00	0.0%	7,784.30	1946.07	16.3%	10,906.55	2726.64	22.8%
10:45 AM	0.00	0.00	0.0%	6,332.99	1583.25	13.3%	9,124.56	2281.14	19.1%
11:00 AM	0.00	0.00	0.0%	4,896.84	1224.21	10.3%	7,456.40	1864.10	15.6%
11:15 AM	0.00	0.00	0.0%	4,147.24	1036.81	8.7%	5,990.03	1497.51	12.5%
11:30 AM	0.00	0.00	0.0%	4,315.21	1078.80	9.0%	4,607.19	1151.80	9.7%
11:45 AM	0.00	0.00	0.0%	4,564.40	1141.10	9.6%	4,564.40	1141.10	9.6%
12:00 PM	0.00	0.00	0.0%	4,653.47	1163.37	9.7%	4,653.47	1163.37	9.7%
12:15 PM	0.00	0.00	0.0%	4,866.07	1216.52	10.2%	4,866.07	1216.52	10.2%
12:30 PM	0.00	0.00	0.0%	4,874.08	1218.52	10.2%	4,874.08	1218.52	10.2%
12:45 PM	0.00	0.00	0.0%	5,044.65	1261.16	10.6%	5,044.65	1261.16	10.6%
1:00 PM	0.00	0.00	0.0%	4,978.81	1244.70	10.4%	4,978.81	1244.70	10.4%
1:15 PM	0.00	0.00	0.0%	5,029.25	1257.31	10.5%	5,029.25	1257.31	10.5%
1:30 PM	0.00	0.00	0.0%	4,745.92	1186.48	9.9%	4,745.92	1186.48	9.9%
1:45 PM	0.00	0.00	0.0%	4,647.97	1161.99	9.7%	4,647.97	1161.99	9.7%
2:00 PM	0.00	0.00	0.0%	4,315.42	1078.85	9.0%	4,315.42	1078.85	9.0%
2:15 PM	0.00	0.00	0.0%	4,151.62	1037.90	8.7%	4,151.62	1037.90	8.7%
2:30 PM	0.00	0.00	0.0%	3,785.36	946.34	7.9%	3,785.36	946.34	7.9%
2:45 PM	0.00	0.00	0.0%	3,544.82	886.20	7.4%	3,544.82	886.20	7.4%
3:00 PM	0.00	0.00	0.0%	3,146.11	786.53	6.6%	3,146.11	786.53	6.6%
3:15 PM	0.00	0.00	0.0%	4,405.24	1101.31	9.2%	4,405.24	1101.31	9.2%
3:30 PM	0.00	0.00	0.0%	5,732.93	1433.23	12.0%	5,732.93	1433.23	12.0%
3:45 PM	0.00	0.00	0.0%	7,571.74	1892.93	15.9%	7,571.74	1892.93	15.9%
4:00 PM	0.00	0.00	0.0%	9,441.41	2360.35	19.8%	9,441.41	2360.35	19.8%
4:15 PM	0.00	0.00	0.0%	11,450.07	2862.52	24.0%	11,450.07	2862.52	24.0%
4:30 PM	0.00	0.00	0.0%	13,489.63	3372.41	28.3%	13,489.63	3372.41	28.3%
4:45 PM	0.00	0.00	0.0%	15,946.83	3986.71	33.4%	15,946.83	3986.71	33.4%
5:00 PM	0.00	0.00	0.0%	19,060.41	4765.10	39.9%	19,060.41	4765.10	39.9%
5:15 PM	0.00	0.00	0.0%	22,746.09	5686.52	47.7%	22,746.09	5686.52	47.7%
5:30 PM	0.00	0.00	0.0%	25,589.02	6397.26	53.6%	25,589.02	6397.26	53.6%
5:45 PM	0.00	0.00	0.0%	28,790.38	7197.59	60.3%	28,790.38	7197.59	60.3%
6:00 PM	0.00	0.00	0.0%	33,147.74	8286.93	69.4%	33,147.74	8286.93	69.4%
6:15 PM	0.00	0.00	0.0%	36,811.25	9202.81	77.1%	36,811.25	9202.81	77.1%
6:30 PM	0.00	0.00	0.0%	39,239.25	9809.81	82.2%	39,239.25	9809.81	82.2%
6:45 PM	575.51	143.88	1.2%	41,500.98	10375.24	86.9%	41,500.98	10375.24	86.9%
7:00 PM	8,538.39	2134.60	17.9%	36,281.94	9070.48	76.0%	36,281.94	9070.48	76.0%
7:15 PM	19,444.06	5444.34	40.7%	27,783.63	7779.42	58.2%	27,783.63	7779.42	58.2%
7:33 PM	33,951.51	5092.73	71.1%	13,676.51	2051.48	28.7%	13,676.51	2051.48	28.7%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	0.00	0.00	0.0%	40,505.32	5265.69	84.9%	40,505.32	5265.69	84.9%
7:16 AM	0.00	0.00	0.0%	39,209.10	9410.18	82.1%	39,128.22	9390.77	82.0%
7:30 AM	0.00	0.00	0.0%	38,349.54	9203.89	80.3%	38,121.69	9149.21	79.9%
7:45 AM	0.00	0.00	0.0%	37,474.96	9368.74	78.5%	37,050.10	9262.52	77.6%
8:00 AM	0.00	0.00	0.0%	36,459.47	9114.87	76.4%	36,241.84	9060.46	75.9%
8:15 AM	0.00	0.00	0.0%	35,460.72	8865.18	74.3%	35,560.42	8890.10	74.5%
8:30 AM	0.00	0.00	0.0%	29,270.33	7317.58	61.3%	35,058.22	8764.56	73.4%
8:45 AM	0.00	0.00	0.0%	24,302.48	6075.62	50.9%	33,242.80	8310.70	69.6%
9:00 AM	0.00	0.00	0.0%	20,980.91	5245.23	44.0%	28,604.47	7151.12	59.9%
9:15 AM	0.00	0.00	0.0%	18,211.50	4552.88	38.2%	24,741.40	6185.35	51.8%
9:30 AM	0.00	0.00	0.0%	15,811.82	3952.95	33.1%	21,403.85	5350.96	44.8%
9:45 AM	0.00	0.00	0.0%	13,720.32	3430.08	28.7%	18,479.68	4619.92	38.7%
10:00 AM	0.00	0.00	0.0%	11,798.83	2949.71	24.7%	15,848.31	3962.08	33.2%
10:15 AM	0.00	0.00	0.0%	10,077.54	2519.39	21.1%	13,555.97	3388.99	28.4%
10:30 AM	0.00	0.00	0.0%	8,432.80	2108.20	17.7%	11,513.49	2878.37	24.1%
10:45 AM	0.00	0.00	0.0%	6,944.72	1736.18	14.5%	9,697.41	2424.35	20.3%
11:00 AM	0.00	0.00	0.0%	5,471.28	1367.82	11.5%	7,998.38	1999.59	16.8%
11:15 AM	0.00	0.00	0.0%	4,493.55	1123.39	9.4%	6,510.90	1627.72	13.6%
11:30 AM	0.00	0.00	0.0%	4,664.19	1166.05	9.8%	5,115.01	1278.75	10.7%
11:45 AM	0.00	0.00	0.0%	4,916.47	1229.12	10.3%	4,916.47	1229.12	10.3%
12:00 PM	0.00	0.00	0.0%	5,009.72	1252.43	10.5%	5,009.72	1252.43	10.5%
12:15 PM	0.00	0.00	0.0%	5,223.01	1305.75	10.9%	5,223.01	1305.75	10.9%
12:30 PM	0.00	0.00	0.0%	5,237.90	1309.47	11.0%	5,237.90	1309.47	11.0%
12:45 PM	0.00	0.00	0.0%	5,408.97	1352.24	11.3%	5,408.97	1352.24	11.3%
1:00 PM	0.00	0.00	0.0%	5,354.67	1338.67	11.2%	5,354.67	1338.67	11.2%
1:15 PM	0.00	0.00	0.0%	5,405.26	1351.32	11.3%	5,405.26	1351.32	11.3%
1:30 PM	0.00	0.00	0.0%	5,119.97	1279.99	10.7%	5,119.97	1279.99	10.7%
1:45 PM	0.00	0.00	0.0%	5,011.43	1252.86	10.5%	5,011.43	1252.86	10.5%
2:00 PM	0.00	0.00	0.0%	4,678.31	1169.58	9.8%	4,678.31	1169.58	9.8%
2:15 PM	0.00	0.00	0.0%	4,509.47	1127.37	9.4%	4,509.47	1127.37	9.4%
2:30 PM	0.00	0.00	0.0%	4,140.85	1035.21	8.7%	4,140.85	1035.21	8.7%
2:45 PM	0.00	0.00	0.0%	3,898.90	974.73	8.2%	3,898.90	974.73	8.2%
3:00 PM	0.00	0.00	0.0%	3,495.67	873.92	7.3%	3,495.67	873.92	7.3%
3:15 PM	0.00	0.00	0.0%	4,989.95	1247.49	10.5%	4,989.95	1247.49	10.5%
3:30 PM	0.00	0.00	0.0%	6,402.37	1600.59	13.4%	6,402.37	1600.59	13.4%
3:45 PM	0.00	0.00	0.0%	8,379.89	2094.97	17.6%	8,379.89	2094.97	17.6%
4:00 PM	0.00	0.00	0.0%	10,327.06	2581.77	21.6%	10,327.06	2581.77	21.6%
4:15 PM	0.00	0.00	0.0%	12,429.99	3107.50	26.0%	12,429.99	3107.50	26.0%
4:30 PM	0.00	0.00	0.0%	14,583.70	3645.93	30.6%	14,583.70	3645.93	30.6%
4:45 PM	0.00	0.00	0.0%	17,013.11	4253.28	35.6%	17,013.11	4253.28	35.6%
5:00 PM	0.00	0.00	0.0%	20,017.69	5004.42	41.9%	20,017.69	5004.42	41.9%
5:15 PM	0.00	0.00	0.0%	23,689.51	5922.38	49.6%	23,689.51	5922.38	49.6%
5:30 PM	0.00	0.00	0.0%	26,246.90	6561.72	55.0%	26,246.90	6561.72	55.0%
5:45 PM	0.00	0.00	0.0%	29,408.90	7352.23	61.6%	29,408.90	7352.23	61.6%
6:00 PM	0.00	0.00	0.0%	33,836.38	8459.10	70.9%	33,836.38	8459.10	70.9%
6:15 PM	0.00	0.00	0.0%	36,731.12	9182.78	77.0%	36,731.12	9182.78	77.0%
6:30 PM	0.00	0.00	0.0%	39,143.24	9785.81	82.0%	39,143.24	9785.81	82.0%
6:45 PM	1,510.74	377.69	3.2%	40,574.53	10143.63	85.0%	40,574.53	10143.63	85.0%
7:00 PM	9,443.60	2360.90	19.8%	35,507.13	8876.78	74.4%	35,507.13	8876.78	74.4%
7:15 PM	22,047.83	5511.96	46.2%	25,482.66	6370.66	53.4%	25,482.66	6370.66	53.4%
7:30 PM	34,168.58	4441.92	71.6%	13,459.50	1749.74	28.2%	13,459.50	1749.74	28.2%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	0.00	0.00	0.0%	39,667.99	2380.08	83.1%	39,668.02	2380.08	83.1%
7:15 AM	0.00	0.00	0.0%	38,978.48	7405.91	81.7%	38,934.92	7397.64	81.6%
7:30 AM	0.00	0.00	0.0%	37,935.05	9483.76	79.5%	37,851.00	9462.75	79.3%
7:45 AM	0.00	0.00	0.0%	37,091.12	9272.78	77.7%	36,777.01	9194.25	77.0%
8:00 AM	0.00	0.00	0.0%	36,156.83	9039.21	75.7%	35,975.32	8993.83	75.4%
8:15 AM	0.00	0.00	0.0%	35,307.85	8826.96	74.0%	35,339.87	8834.97	74.0%
8:30 AM	0.00	0.00	0.0%	30,582.23	7645.56	64.1%	34,386.58	8596.65	72.0%
8:45 AM	0.00	0.00	0.0%	25,934.56	6483.64	54.3%	34,028.06	8507.02	71.3%
9:00 AM	0.00	0.00	0.0%	22,384.47	5596.12	46.9%	30,024.30	7506.07	62.9%
9:15 AM	0.00	0.00	0.0%	19,446.45	4861.61	40.7%	25,987.34	6496.84	54.4%
9:30 AM	0.00	0.00	0.0%	16,909.38	4227.35	35.4%	22,503.73	5625.93	47.1%
9:45 AM	0.00	0.00	0.0%	14,718.18	3679.55	30.8%	19,463.65	4865.91	40.8%
10:00 AM	0.00	0.00	0.0%	12,709.83	3177.46	26.6%	16,722.46	4180.61	35.0%
10:15 AM	0.00	0.00	0.0%	10,921.30	2730.32	22.9%	14,324.35	3581.09	30.0%
10:30 AM	0.00	0.00	0.0%	9,217.46	2304.36	19.3%	12,227.81	3056.95	25.6%
10:45 AM	0.00	0.00	0.0%	7,679.57	1919.89	16.1%	10,367.68	2591.92	21.7%
11:00 AM	0.00	0.00	0.0%	6,161.03	1540.26	12.9%	8,634.31	2158.58	18.1%
11:15 AM	0.00	0.00	0.0%	4,944.58	1236.15	10.4%	7,124.42	1781.10	14.9%
11:30 AM	0.00	0.00	0.0%	5,117.19	1279.30	10.7%	5,715.83	1428.96	12.0%
11:45 AM	0.00	0.00	0.0%	5,373.25	1343.31	11.3%	5,373.25	1343.31	11.3%
12:00 PM	0.00	0.00	0.0%	5,469.28	1367.32	11.5%	5,469.28	1367.32	11.5%
12:15 PM	0.00	0.00	0.0%	5,685.16	1421.29	11.9%	5,685.16	1421.29	11.9%
12:30 PM	0.00	0.00	0.0%	5,708.00	1427.00	12.0%	5,708.00	1427.00	12.0%
12:45 PM	0.00	0.00	0.0%	5,880.81	1470.20	12.3%	5,880.81	1470.20	12.3%
1:00 PM	0.00	0.00	0.0%	5,836.82	1459.20	12.2%	5,836.82	1459.20	12.2%
1:15 PM	0.00	0.00	0.0%	5,884.38	1471.10	12.3%	5,884.38	1471.10	12.3%
1:30 PM	0.00	0.00	0.0%	5,592.99	1398.25	11.7%	5,592.99	1398.25	11.7%
1:45 PM	0.00	0.00	0.0%	5,469.74	1367.44	11.5%	5,469.74	1367.44	11.5%
2:00 PM	0.00	0.00	0.0%	5,134.73	1283.68	10.8%	5,134.73	1283.68	10.8%
2:15 PM	0.00	0.00	0.0%	4,956.78	1239.19	10.4%	4,956.78	1239.19	10.4%
2:30 PM	0.00	0.00	0.0%	4,583.58	1145.89	9.6%	4,583.58	1145.89	9.6%
2:45 PM	0.00	0.00	0.0%	4,337.55	1084.39	9.1%	4,337.55	1084.39	9.1%
3:00 PM	0.00	0.00	0.0%	4,024.69	1006.17	8.4%	4,024.69	1006.17	8.4%
3:15 PM	0.00	0.00	0.0%	5,808.75	1452.19	12.2%	5,808.75	1452.19	12.2%
3:30 PM	0.00	0.00	0.0%	7,357.17	1839.29	15.4%	7,357.17	1839.29	15.4%
3:45 PM	0.00	0.00	0.0%	9,495.18	2373.80	19.9%	9,495.18	2373.80	19.9%
4:00 PM	0.00	0.00	0.0%	11,546.83	2886.71	24.2%	11,546.83	2886.71	24.2%
4:15 PM	0.00	0.00	0.0%	13,779.19	3444.80	28.9%	13,779.19	3444.80	28.9%
4:30 PM	0.00	0.00	0.0%	16,088.23	4022.06	33.7%	16,088.23	4022.06	33.7%
4:45 PM	0.00	0.00	0.0%	18,662.17	4665.54	39.1%	18,662.16	4665.54	39.1%
5:00 PM	0.00	0.00	0.0%	21,389.76	5347.44	44.8%	21,389.76	5347.44	44.8%
5:15 PM	0.00	0.00	0.0%	24,906.20	6226.55	52.2%	24,906.20	6226.55	52.2%
5:30 PM	0.00	0.00	0.0%	27,122.44	6780.61	56.8%	27,122.44	6780.61	56.8%
5:45 PM	0.00	0.00	0.0%	30,294.32	7573.58	63.5%	30,294.32	7573.58	63.5%
6:00 PM	0.00	0.00	0.0%	34,732.73	8683.18	72.8%	34,732.73	8683.18	72.8%
6:15 PM	0.00	0.00	0.0%	36,672.06	9168.01	76.8%	36,672.06	9168.01	76.8%
6:30 PM	0.00	0.00	0.0%	39,066.01	9766.50	81.8%	39,066.01	9766.50	81.8%
6:45 PM	3,017.06	754.26	6.3%	39,241.10	9810.27	82.2%	39,241.10	9810.27	82.2%
7:00 PM	11,851.51	2962.88	24.8%	33,610.03	8402.51	70.4%	33,610.03	8402.51	70.4%
7:15 PM	25,683.75	5393.59	53.8%	21,944.36	4608.32	46.0%	21,944.36	4608.32	46.0%
7:25 PM	34,414.78	3097.33	72.1%	13,214.49	1189.30	27.7%	13,214.49	1189.30	27.7%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	0.00	0.00	0.0%	38,691.64	773.83	81.1%	38,691.65	773.83	81.1%
7:15 AM	0.00	0.00	0.0%	38,486.61	5772.99	80.6%	38,475.12	5771.27	80.6%
7:30 AM	0.00	0.00	0.0%	37,408.31	9352.08	78.4%	37,350.94	9337.74	78.3%
7:45 AM	0.00	0.00	0.0%	36,550.68	9137.67	76.6%	36,379.02	9094.76	76.2%
8:00 AM	0.00	0.00	0.0%	35,700.46	8925.11	74.8%	35,592.19	8898.05	74.6%
8:15 AM	0.00	0.00	0.0%	34,898.28	8724.57	73.1%	34,934.38	8733.59	73.2%
8:30 AM	0.00	0.00	0.0%	32,478.08	8119.52	68.0%	34,174.90	8543.72	71.6%
8:45 AM	0.00	0.00	0.0%	27,767.70	6941.93	58.2%	34,311.62	8577.90	71.9%
9:00 AM	0.00	0.00	0.0%	23,975.13	5993.78	50.2%	31,558.47	7889.62	66.1%
9:15 AM	0.00	0.00	0.0%	20,849.42	5212.36	43.7%	27,337.20	6834.30	57.3%
9:30 AM	0.00	0.00	0.0%	18,154.76	4538.69	38.0%	23,706.70	5926.68	49.7%
9:45 AM	0.00	0.00	0.0%	15,848.39	3962.10	33.2%	20,541.88	5135.47	43.0%
10:00 AM	0.00	0.00	0.0%	13,743.76	3435.94	28.8%	17,683.77	4420.94	37.0%
10:15 AM	0.00	0.00	0.0%	11,871.76	2967.94	24.9%	15,158.06	3789.52	31.8%
10:30 AM	0.00	0.00	0.0%	10,100.37	2525.09	21.2%	13,002.26	3250.57	27.2%
10:45 AM	0.00	0.00	0.0%	8,504.87	2126.22	17.8%	11,095.83	2773.96	23.2%
11:00 AM	0.00	0.00	0.0%	6,936.49	1734.12	14.5%	9,329.48	2332.37	19.5%
11:15 AM	0.00	0.00	0.0%	5,534.83	1383.71	11.6%	7,797.89	1949.47	16.3%
11:30 AM	0.00	0.00	0.0%	5,676.01	1419.00	11.9%	6,381.56	1595.39	13.4%
11:45 AM	0.00	0.00	0.0%	5,934.49	1483.62	12.4%	5,934.49	1483.62	12.4%
12:00 PM	0.00	0.00	0.0%	6,034.19	1508.55	12.6%	6,034.19	1508.55	12.6%
12:15 PM	0.00	0.00	0.0%	6,252.01	1563.00	13.1%	6,252.01	1563.00	13.1%
12:30 PM	0.00	0.00	0.0%	6,282.33	1570.58	13.2%	6,282.33	1570.58	13.2%
12:45 PM	0.00	0.00	0.0%	6,457.06	1614.27	13.5%	6,457.06	1614.27	13.5%
1:00 PM	0.00	0.00	0.0%	6,424.99	1606.25	13.5%	6,424.99	1606.25	13.5%
1:15 PM	0.00	0.00	0.0%	6,455.67	1613.92	13.5%	6,455.67	1613.92	13.5%
1:30 PM	0.00	0.00	0.0%	6,157.53	1539.38	12.9%	6,157.53	1539.38	12.9%
1:45 PM	0.00	0.00	0.0%	6,018.15	1504.54	12.6%	6,018.15	1504.54	12.6%
2:00 PM	0.00	0.00	0.0%	5,676.72	1419.18	11.9%	5,676.72	1419.18	11.9%
2:15 PM	0.00	0.00	0.0%	5,486.17	1371.54	11.5%	5,486.17	1371.54	11.5%
2:30 PM	0.00	0.00	0.0%	5,108.85	1277.21	10.7%	5,108.85	1277.21	10.7%
2:45 PM	0.00	0.00	0.0%	4,853.69	1213.42	10.2%	4,853.69	1213.42	10.2%
3:00 PM	0.00	0.00	0.0%	4,997.19	1249.30	10.5%	4,997.19	1249.30	10.5%
3:15 PM	0.00	0.00	0.0%	6,911.39	1727.85	14.5%	6,911.39	1727.85	14.5%
3:30 PM	0.00	0.00	0.0%	8,705.54	2176.39	18.2%	8,705.54	2176.39	18.2%
3:45 PM	0.00	0.00	0.0%	10,967.17	2741.79	23.0%	10,967.17	2741.79	23.0%
4:00 PM	0.00	0.00	0.0%	13,156.11	3289.03	27.6%	13,156.11	3289.03	27.6%
4:15 PM	0.00	0.00	0.0%	15,585.58	3896.39	32.7%	15,585.58	3896.39	32.7%
4:30 PM	0.00	0.00	0.0%	18,094.89	4523.72	37.9%	18,094.89	4523.72	37.9%
4:45 PM	0.00	0.00	0.0%	20,823.62	5205.90	43.6%	20,823.62	5205.90	43.6%
5:00 PM	0.00	0.00	0.0%	23,769.78	5942.45	49.8%	23,769.78	5942.44	49.8%
5:15 PM	0.00	0.00	0.0%	26,100.99	6525.25	54.7%	26,100.99	6525.25	54.7%
5:30 PM	0.00	0.00	0.0%	28,217.01	7054.25	59.1%	28,217.01	7054.25	59.1%
5:45 PM	0.00	0.00	0.0%	31,534.25	7883.56	66.1%	31,534.25	7883.56	66.1%
6:00 PM	0.00	0.00	0.0%	34,713.85	8678.46	72.7%	34,713.85	8678.46	72.7%
6:15 PM	0.00	0.00	0.0%	36,647.13	9161.78	76.8%	36,647.13	9161.78	76.8%
6:30 PM	494.17	123.54	1.0%	38,683.29	9670.82	81.0%	38,683.29	9670.82	81.0%
6:45 PM	5,477.01	1369.25	11.5%	37,351.72	9337.93	78.3%	37,351.72	9337.93	78.3%
7:00 PM	17,041.65	4260.41	35.7%	29,549.68	7387.42	61.9%	29,549.68	7387.42	61.9%
7:15 PM	31,200.31	4680.05	65.4%	16,427.22	2464.08	34.4%	16,427.22	2464.08	34.4%
7:18 PM	34,283.81	1028.51	71.8%	13,346.00	400.38	28.0%	13,346.00	400.38	28.0%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	0.00	0.00	0.0%	37,600.17	3384.01	78.8%	37,600.06	3384.01	78.8%
7:30 AM	0.00	0.00	0.0%	36,798.03	7727.59	77.1%	36,766.36	7720.94	77.0%
7:45 AM	0.00	0.00	0.0%	35,910.55	8977.64	75.2%	35,849.48	8962.37	75.1%
8:00 AM	0.00	0.00	0.0%	35,094.82	8773.70	73.5%	35,080.67	8770.17	73.5%
8:15 AM	0.00	0.00	0.0%	34,824.47	8706.12	73.0%	34,318.46	8579.61	71.9%
8:30 AM	0.00	0.00	0.0%	34,871.76	8717.94	73.1%	34,638.35	8659.59	72.6%
8:45 AM	0.00	0.00	0.0%	29,815.45	7453.86	62.5%	34,715.19	8678.80	72.7%
9:00 AM	0.00	0.00	0.0%	25,771.09	6442.77	54.0%	33,216.29	8304.07	69.6%
9:15 AM	0.00	0.00	0.0%	22,430.63	5607.66	47.0%	28,798.15	7199.54	60.3%
9:30 AM	0.00	0.00	0.0%	19,563.36	4890.84	41.0%	25,026.84	6256.71	52.4%
9:45 AM	0.00	0.00	0.0%	17,121.54	4280.39	35.9%	21,730.48	5432.62	45.5%
10:00 AM	0.00	0.00	0.0%	14,902.40	3725.60	31.2%	18,738.36	4684.59	39.3%
10:15 AM	0.00	0.00	0.0%	12,944.17	3236.04	27.1%	16,095.19	4023.80	33.7%
10:30 AM	0.00	0.00	0.0%	11,091.11	2772.78	23.2%	13,848.31	3462.08	29.0%
10:45 AM	0.00	0.00	0.0%	9,432.01	2358.00	19.8%	11,894.03	2973.51	24.9%
11:00 AM	0.00	0.00	0.0%	7,803.22	1950.81	16.3%	10,090.03	2522.51	21.1%
11:15 AM	0.00	0.00	0.0%	6,334.24	1583.56	13.3%	8,540.62	2135.15	17.9%
11:30 AM	0.00	0.00	0.0%	6,337.66	1584.41	13.3%	7,118.83	1779.71	14.9%
11:45 AM	0.00	0.00	0.0%	6,599.09	1649.77	13.8%	6,599.09	1649.77	13.8%
12:00 PM	0.00	0.00	0.0%	6,701.61	1675.40	14.0%	6,701.61	1675.40	14.0%
12:15 PM	0.00	0.00	0.0%	6,921.88	1730.47	14.5%	6,921.88	1730.47	14.5%
12:30 PM	0.00	0.00	0.0%	6,958.68	1739.67	14.6%	6,958.68	1739.67	14.6%
12:45 PM	0.00	0.00	0.0%	7,137.17	1784.29	15.0%	7,137.17	1784.29	15.0%
1:00 PM	0.00	0.00	0.0%	7,118.99	1779.75	14.9%	7,118.99	1779.75	14.9%
1:15 PM	0.00	0.00	0.0%	7,121.31	1780.33	14.9%	7,121.31	1780.33	14.9%
1:30 PM	0.00	0.00	0.0%	6,811.78	1702.94	14.3%	6,811.78	1702.94	14.3%
1:45 PM	0.00	0.00	0.0%	6,651.72	1662.93	13.9%	6,651.72	1662.93	13.9%
2:00 PM	0.00	0.00	0.0%	6,304.30	1576.07	13.2%	6,304.30	1576.07	13.2%
2:15 PM	0.00	0.00	0.0%	6,096.54	1524.14	12.8%	6,096.54	1524.14	12.8%
2:30 PM	0.00	0.00	0.0%	5,713.53	1428.38	12.0%	5,713.53	1428.38	12.0%
2:45 PM	0.00	0.00	0.0%	5,448.37	1362.09	11.4%	5,448.37	1362.09	11.4%
3:00 PM	0.00	0.00	0.0%	6,205.09	1551.27	13.0%	6,205.09	1551.27	13.0%
3:15 PM	0.00	0.00	0.0%	8,314.15	2078.54	17.4%	8,314.15	2078.54	17.4%
3:30 PM	0.00	0.00	0.0%	10,388.76	2597.19	21.8%	10,388.76	2597.19	21.8%
3:45 PM	0.00	0.00	0.0%	12,806.58	3201.64	26.8%	12,806.58	3201.64	26.8%
4:00 PM	0.00	0.00	0.0%	15,166.55	3791.64	31.8%	15,166.55	3791.64	31.8%
4:15 PM	0.00	0.00	0.0%	17,859.36	4464.84	37.4%	17,859.36	4464.84	37.4%
4:30 PM	0.00	0.00	0.0%	20,610.46	5152.61	43.2%	20,610.46	5152.61	43.2%
4:45 PM	0.00	0.00	0.0%	23,587.38	5896.84	49.4%	23,587.38	5896.84	49.4%
5:00 PM	0.00	0.00	0.0%	26,757.09	6689.27	56.1%	26,757.07	6689.27	56.1%
5:15 PM	0.00	0.00	0.0%	27,790.21	6947.55	58.2%	27,790.17	6947.54	58.2%
5:30 PM	0.00	0.00	0.0%	29,538.38	7384.60	61.9%	29,538.38	7384.60	61.9%
5:45 PM	0.00	0.00	0.0%	32,995.59	8248.90	69.1%	32,995.59	8248.90	69.1%
6:00 PM	0.00	0.00	0.0%	34,707.76	8676.94	72.7%	34,707.76	8676.94	72.7%
6:15 PM	0.00	0.00	0.0%	36,623.26	9155.81	76.7%	36,623.26	9155.81	76.7%
6:30 PM	2,569.28	642.32	5.4%	37,264.54	9316.14	78.1%	37,264.54	9316.14	78.1%
6:45 PM	10,203.81	3469.30	21.4%	33,929.93	11536.18	71.1%	33,929.93	11536.18	71.1%
7:10 PM	32,694.14	6865.77	68.5%	14,933.38	3136.01	31.3%	14,933.38	3136.01	31.3%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	0.00	0.00	0.0%	36,408.11	1456.32	76.3%	36,407.79	1456.31	76.3%
7:30 AM	0.00	0.00	0.0%	36,090.09	6135.32	75.6%	36,079.67	6133.54	75.6%
7:45 AM	0.00	0.00	0.0%	35,177.76	8794.44	73.7%	35,163.98	8790.99	73.7%
8:00 AM	0.00	0.00	0.0%	34,801.93	8700.48	72.9%	34,549.83	8637.46	72.4%
8:15 AM	0.00	0.00	0.0%	35,520.01	8880.00	74.4%	34,930.58	8732.64	73.2%
8:30 AM	0.00	0.00	0.0%	35,956.85	8989.21	75.3%	35,221.42	8805.35	73.8%
8:45 AM	0.00	0.00	0.0%	32,086.98	8021.74	67.2%	35,247.58	8811.89	73.8%
9:00 AM	0.00	0.00	0.0%	27,772.25	6943.06	58.2%	34,863.03	8715.76	73.0%
9:15 AM	0.00	0.00	0.0%	24,209.88	6052.47	50.7%	30,387.41	7596.85	63.7%
9:30 AM	0.00	0.00	0.0%	21,141.52	5285.38	44.3%	26,468.15	6617.04	55.5%
9:45 AM	0.00	0.00	0.0%	18,544.90	4636.23	38.9%	23,036.10	5759.03	48.3%
10:00 AM	0.00	0.00	0.0%	16,199.54	4049.89	33.9%	19,905.08	4976.27	41.7%
10:15 AM	0.00	0.00	0.0%	14,140.19	3535.05	29.6%	17,141.05	4285.26	35.9%
10:30 AM	0.00	0.00	0.0%	12,197.90	3049.48	25.6%	14,774.24	3693.56	31.0%
10:45 AM	0.00	0.00	0.0%	10,466.15	2616.54	21.9%	12,767.49	3191.87	26.7%
11:00 AM	0.00	0.00	0.0%	8,771.25	2192.81	18.4%	10,925.03	2731.26	22.9%
11:15 AM	0.00	0.00	0.0%	7,245.95	1811.49	15.2%	9,355.79	2338.95	19.6%
11:30 AM	0.00	0.00	0.0%	7,100.13	1775.03	14.9%	7,933.62	1983.40	16.6%
11:45 AM	0.00	0.00	0.0%	7,364.19	1841.05	15.4%	7,364.19	1841.05	15.4%
12:00 PM	0.00	0.00	0.0%	7,470.61	1867.65	15.7%	7,470.61	1867.65	15.7%
12:15 PM	0.00	0.00	0.0%	7,693.80	1923.45	16.1%	7,693.80	1923.45	16.1%
12:30 PM	0.00	0.00	0.0%	7,741.51	1935.38	16.2%	7,741.51	1935.38	16.2%
12:45 PM	0.00	0.00	0.0%	7,923.33	1980.83	16.6%	7,923.33	1980.83	16.6%
1:00 PM	0.00	0.00	0.0%	7,917.88	1979.47	16.6%	7,917.88	1979.47	16.6%
1:15 PM	0.00	0.00	0.0%	7,881.22	1970.31	16.5%	7,881.22	1970.31	16.5%
1:30 PM	0.00	0.00	0.0%	7,554.94	1888.73	15.8%	7,554.94	1888.73	15.8%
1:45 PM	0.00	0.00	0.0%	7,374.63	1843.66	15.4%	7,374.63	1843.66	15.4%
2:00 PM	0.00	0.00	0.0%	7,013.95	1753.49	14.7%	7,013.95	1753.49	14.7%
2:15 PM	0.00	0.00	0.0%	6,790.85	1697.71	14.2%	6,790.85	1697.71	14.2%
2:30 PM	0.00	0.00	0.0%	6,396.68	1599.17	13.4%	6,396.68	1599.17	13.4%
2:45 PM	0.00	0.00	0.0%	6,120.47	1530.12	12.8%	6,120.47	1530.12	12.8%
3:00 PM	0.00	0.00	0.0%	7,673.42	1918.35	16.1%	7,673.42	1918.35	16.1%
3:15 PM	0.00	0.00	0.0%	10,048.19	2512.05	21.1%	10,048.19	2512.05	21.1%
3:30 PM	0.00	0.00	0.0%	12,415.24	3103.81	26.0%	12,415.24	3103.81	26.0%
3:45 PM	0.00	0.00	0.0%	15,025.16	3756.29	31.5%	15,025.16	3756.29	31.5%
4:00 PM	0.00	0.00	0.0%	17,610.71	4402.68	36.9%	17,610.71	4402.68	36.9%
4:15 PM	0.00	0.00	0.0%	20,647.81	5161.95	43.3%	20,647.81	5161.95	43.3%
4:30 PM	0.00	0.00	0.0%	23,673.01	5918.25	49.6%	23,673.01	5918.25	49.6%
4:45 PM	0.00	0.00	0.0%	26,983.12	6745.78	56.5%	26,983.12	6745.78	56.5%
5:00 PM	0.00	0.00	0.0%	29,223.58	7305.89	61.2%	29,223.54	7305.89	61.2%
5:15 PM	0.00	0.00	0.0%	29,864.49	7466.12	62.6%	29,864.46	7466.11	62.6%
5:30 PM	0.00	0.00	0.0%	31,169.40	7792.35	65.3%	31,169.36	7792.34	65.3%
5:45 PM	0.00	0.00	0.0%	33,368.13	8342.03	69.9%	33,368.13	8342.03	69.9%
6:00 PM	0.00	0.00	0.0%	34,733.33	8683.33	72.8%	34,733.33	8683.33	72.8%
6:15 PM	716.13	179.03	1.5%	36,023.93	9005.98	75.5%	36,023.93	9005.98	75.5%
6:30 PM	5,869.19	1467.30	12.3%	34,737.04	8684.26	72.8%	34,737.04	8684.26	72.8%
6:45 PM	17,648.33	4765.05	37.0%	28,617.65	7726.76	60.0%	28,617.65	7726.76	60.0%
7:02 PM	29,766.98	4167.38	62.4%	17,861.67	2500.63	37.4%	17,861.67	2500.63	37.4%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	0.00	0.00	0.0%	35,133.83	3864.72	73.6%	35,133.63	3864.70	73.6%
7:45 AM	0.00	0.00	0.0%	34,817.34	8007.99	72.9%	34,812.90	8006.97	72.9%
8:00 AM	0.00	0.00	0.0%	35,627.26	8906.81	74.6%	35,386.35	8846.59	74.1%
8:15 AM	0.00	0.00	0.0%	36,367.92	9091.98	76.2%	35,669.11	8917.28	74.7%
8:30 AM	0.00	0.00	0.0%	36,758.20	9189.55	77.0%	35,911.29	8977.82	75.2%
8:45 AM	0.00	0.00	0.0%	34,466.74	8616.68	72.2%	35,908.94	8977.24	75.2%
9:00 AM	0.00	0.00	0.0%	29,872.36	7468.09	62.6%	35,441.75	8860.44	74.3%
9:15 AM	0.00	0.00	0.0%	26,097.03	6524.26	54.7%	31,991.28	7997.82	67.0%
9:30 AM	0.00	0.00	0.0%	22,823.22	5705.80	47.8%	27,930.89	6982.72	58.5%
9:45 AM	0.00	0.00	0.0%	20,063.58	5015.89	42.0%	24,377.46	6094.36	51.1%
10:00 AM	0.00	0.00	0.0%	17,580.59	4395.15	36.8%	21,108.94	5277.24	44.2%
10:15 AM	0.00	0.00	0.0%	15,414.33	3853.58	32.3%	18,217.80	4554.45	38.2%
10:30 AM	0.00	0.00	0.0%	13,374.60	3343.65	28.0%	15,723.08	3930.77	32.9%
10:45 AM	0.00	0.00	0.0%	11,566.47	2891.62	24.2%	13,668.08	3417.02	28.6%
11:00 AM	0.00	0.00	0.0%	9,799.99	2450.00	20.5%	11,791.01	2947.75	24.7%
11:15 AM	0.00	0.00	0.0%	8,214.72	2053.68	17.2%	10,209.60	2552.40	21.4%
11:30 AM	0.00	0.00	0.0%	7,967.42	1991.86	16.7%	8,797.44	2199.36	18.4%
11:45 AM	0.00	0.00	0.0%	8,233.62	2058.40	17.2%	8,233.62	2058.40	17.2%
12:00 PM	0.00	0.00	0.0%	8,344.94	2086.23	17.5%	8,344.94	2086.23	17.5%
12:15 PM	0.00	0.00	0.0%	8,572.81	2143.20	18.0%	8,572.81	2143.20	18.0%
12:30 PM	0.00	0.00	0.0%	8,628.32	2157.08	18.1%	8,628.32	2157.08	18.1%
12:45 PM	0.00	0.00	0.0%	8,817.40	2204.35	18.5%	8,817.40	2204.35	18.5%
1:00 PM	0.00	0.00	0.0%	8,826.48	2206.62	18.5%	8,826.48	2206.62	18.5%
1:15 PM	0.00	0.00	0.0%	8,726.53	2181.63	18.3%	8,726.53	2181.63	18.3%
1:30 PM	0.00	0.00	0.0%	8,381.05	2095.26	17.6%	8,381.05	2095.26	17.6%
1:45 PM	0.00	0.00	0.0%	8,175.11	2043.78	17.1%	8,175.11	2043.78	17.1%
2:00 PM	0.00	0.00	0.0%	7,800.44	1950.11	16.3%	7,800.44	1950.11	16.3%
2:15 PM	0.00	0.00	0.0%	7,557.58	1889.39	15.8%	7,557.58	1889.39	15.8%
2:30 PM	0.00	0.00	0.0%	7,151.70	1787.93	15.0%	7,151.70	1787.93	15.0%
2:45 PM	0.00	0.00	0.0%	7,168.58	1792.15	15.0%	7,168.58	1792.15	15.0%
3:00 PM	0.00	0.00	0.0%	9,521.53	2380.38	19.9%	9,521.53	2380.38	19.9%
3:15 PM	0.00	0.00	0.0%	12,201.91	3050.48	25.6%	12,201.91	3050.48	25.6%
3:30 PM	0.00	0.00	0.0%	14,872.43	3718.11	31.2%	14,872.43	3718.11	31.2%
3:45 PM	0.00	0.00	0.0%	17,730.75	4432.69	37.1%	17,730.75	4432.69	37.1%
4:00 PM	0.00	0.00	0.0%	20,670.99	5167.75	43.3%	20,670.99	5167.75	43.3%
4:15 PM	0.00	0.00	0.0%	24,064.09	6016.02	50.4%	24,064.09	6016.02	50.4%
4:30 PM	0.00	0.00	0.0%	27,419.12	6854.78	57.4%	27,419.12	6854.78	57.4%
4:45 PM	0.00	0.00	0.0%	31,126.49	7781.62	65.2%	31,126.49	7781.62	65.2%
5:00 PM	0.00	0.00	0.0%	31,509.35	7877.34	66.0%	31,509.35	7877.34	66.0%
5:15 PM	0.00	0.00	0.0%	32,027.86	8006.97	67.1%	32,027.82	8006.95	67.1%
5:30 PM	0.00	0.00	0.0%	33,444.26	8361.06	70.1%	33,444.18	8361.05	70.1%
5:45 PM	0.00	0.00	0.0%	33,327.30	8331.82	69.8%	33,327.17	8331.79	69.8%
6:00 PM	0.00	0.00	0.0%	34,751.51	8687.88	72.8%	34,751.51	8687.88	72.8%
6:15 PM	3,498.98	874.74	7.3%	33,815.02	8453.76	70.8%	33,815.02	8453.76	70.8%
6:30 PM	12,523.33	3130.83	26.2%	29,198.76	7299.69	61.2%	29,198.76	7299.69	61.2%
6:45 PM	24,700.13	4693.03	51.7%	22,449.38	4265.38	47.0%	22,449.38	4265.38	47.0%
6:52 PM	26,666.10	1599.97	55.9%	20,963.08	1257.79	43.9%	20,963.08	1257.79	43.9%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	0.00	0.00	0.0%	35,346.18	2120.77	74.1%	35,344.17	2120.65	74.0%
7:45 AM	0.00	0.00	0.0%	35,730.38	6788.77	74.9%	35,715.71	6785.98	74.8%
8:00 AM	0.00	0.00	0.0%	36,514.83	9128.71	76.5%	36,381.30	9095.32	76.2%
8:15 AM	0.00	0.00	0.0%	37,319.69	9329.92	78.2%	36,539.53	9134.88	76.6%
8:30 AM	0.00	0.00	0.0%	37,713.35	9428.34	79.0%	36,678.20	9169.55	76.8%
8:45 AM	0.00	0.00	0.0%	37,052.42	9263.11	77.6%	36,697.78	9174.44	76.9%
9:00 AM	0.00	0.00	0.0%	32,136.34	8034.09	67.3%	36,166.67	9041.67	75.8%
9:15 AM	0.00	0.00	0.0%	28,160.58	7040.14	59.0%	33,694.38	8423.59	70.6%
9:30 AM	0.00	0.00	0.0%	24,674.38	6168.60	51.7%	29,481.39	7370.35	61.8%
9:45 AM	0.00	0.00	0.0%	21,728.81	5432.20	45.5%	25,811.96	6452.99	54.1%
10:00 AM	0.00	0.00	0.0%	19,089.92	4772.48	40.0%	22,407.21	5601.80	46.9%
10:15 AM	0.00	0.00	0.0%	16,805.20	4201.30	35.2%	19,380.56	4845.14	40.6%
10:30 AM	0.00	0.00	0.0%	14,659.19	3664.80	30.7%	16,742.19	4185.55	35.1%
10:45 AM	0.00	0.00	0.0%	12,766.50	3191.63	26.7%	14,635.80	3658.95	30.7%
11:00 AM	0.00	0.00	0.0%	10,921.03	2730.26	22.9%	12,723.46	3180.86	26.7%
11:15 AM	0.00	0.00	0.0%	9,271.72	2317.93	19.4%	11,133.99	2783.50	23.3%
11:30 AM	0.00	0.00	0.0%	8,932.65	2233.16	18.7%	9,738.24	2434.56	20.4%
11:45 AM	0.00	0.00	0.0%	9,204.15	2301.04	19.3%	9,204.15	2301.04	19.3%
12:00 PM	0.00	0.00	0.0%	9,319.29	2329.82	19.5%	9,319.29	2329.82	19.5%
12:15 PM	0.00	0.00	0.0%	9,552.98	2388.24	20.0%	9,552.98	2388.24	20.0%
12:30 PM	0.00	0.00	0.0%	9,619.66	2404.91	20.2%	9,619.66	2404.91	20.2%
12:45 PM	0.00	0.00	0.0%	9,818.21	2454.55	20.6%	9,818.21	2454.55	20.6%
1:00 PM	0.00	0.00	0.0%	9,842.69	2460.67	20.6%	9,842.69	2460.67	20.6%
1:15 PM	0.00	0.00	0.0%	9,658.64	2414.66	20.2%	9,658.64	2414.66	20.2%
1:30 PM	0.00	0.00	0.0%	9,289.26	2322.32	19.5%	9,289.26	2322.32	19.5%
1:45 PM	0.00	0.00	0.0%	9,058.05	2264.51	19.0%	9,058.05	2264.51	19.0%
2:00 PM	0.00	0.00	0.0%	8,663.86	2165.97	18.2%	8,663.86	2165.97	18.2%
2:15 PM	0.00	0.00	0.0%	8,400.61	2100.15	17.6%	8,400.61	2100.15	17.6%
2:30 PM	0.00	0.00	0.0%	7,981.13	1995.28	16.7%	7,981.13	1995.28	16.7%
2:45 PM	0.00	0.00	0.0%	8,996.21	2249.05	18.8%	8,996.21	2249.05	18.8%
3:00 PM	0.00	0.00	0.0%	11,735.02	2933.76	24.6%	11,735.02	2933.76	24.6%
3:15 PM	0.00	0.00	0.0%	14,739.88	3684.97	30.9%	14,739.88	3684.97	30.9%
3:30 PM	0.00	0.00	0.0%	17,748.11	4437.03	37.2%	17,748.11	4437.03	37.2%
3:45 PM	0.00	0.00	0.0%	20,913.74	5228.44	43.8%	20,913.74	5228.44	43.8%
4:00 PM	0.00	0.00	0.0%	24,327.22	6081.80	51.0%	24,327.22	6081.80	51.0%
4:15 PM	0.00	0.00	0.0%	28,093.83	7023.46	58.9%	28,093.83	7023.46	58.9%
4:30 PM	0.00	0.00	0.0%	31,851.05	7962.76	66.7%	31,851.05	7962.76	66.7%
4:45 PM	0.00	0.00	0.0%	33,963.65	8490.91	71.2%	33,963.65	8490.91	71.2%
5:00 PM	0.00	0.00	0.0%	33,831.76	8457.94	70.9%	33,831.76	8457.94	70.9%
5:15 PM	0.00	0.00	0.0%	34,215.32	8553.83	71.7%	34,215.24	8553.81	71.7%
5:30 PM	0.00	0.00	0.0%	34,375.95	8593.99	72.0%	34,375.83	8593.96	72.0%
5:45 PM	0.00	0.00	0.0%	34,316.38	8579.09	71.9%	34,316.25	8579.06	71.9%
6:00 PM	1,906.31	476.58	4.0%	33,098.64	8274.66	69.3%	33,098.64	8274.66	69.3%
6:15 PM	8,425.78	2106.44	17.7%	29,137.24	7284.31	61.0%	29,137.24	7284.31	61.0%
6:30 PM	21,413.44	4925.09	44.9%	20,777.28	4778.77	43.5%	20,777.28	4778.77	43.5%
6:42 PM	26,656.56	2932.22	55.8%	18,030.65	1983.37	37.8%	18,030.65	1983.37	37.8%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	0.00	0.00	0.0%	36,698.38	4770.79	76.9%	36,691.53	4769.90	76.9%
8:00 AM	0.00	0.00	0.0%	37,464.00	9366.00	78.5%	37,398.32	9349.58	78.3%
8:15 AM	0.00	0.00	0.0%	38,306.36	9576.59	80.3%	37,562.09	9390.52	78.7%
8:30 AM	0.00	0.00	0.0%	38,812.68	9703.17	81.3%	37,558.89	9389.72	78.7%
8:45 AM	0.00	0.00	0.0%	38,733.61	9683.40	81.1%	37,588.44	9397.11	78.7%
9:00 AM	0.00	0.00	0.0%	34,545.58	8636.39	72.4%	37,021.17	9255.29	77.6%
9:15 AM	0.00	0.00	0.0%	30,378.31	7594.58	63.6%	35,453.75	8863.44	74.3%
9:30 AM	0.00	0.00	0.0%	26,680.64	6670.16	55.9%	31,113.78	7778.45	65.2%
9:45 AM	0.00	0.00	0.0%	23,536.00	5884.00	49.3%	27,350.76	6837.69	57.3%
10:00 AM	0.00	0.00	0.0%	20,727.92	5181.98	43.4%	23,816.53	5954.13	49.9%
10:15 AM	0.00	0.00	0.0%	18,312.97	4578.24	38.4%	20,645.15	5161.29	43.3%
10:30 AM	0.00	0.00	0.0%	16,050.80	4012.70	33.6%	17,839.77	4459.94	37.4%
10:45 AM	0.00	0.00	0.0%	14,065.55	3516.39	29.5%	15,680.35	3920.09	32.9%
11:00 AM	0.00	0.00	0.0%	12,136.41	3034.10	25.4%	13,730.80	3432.70	28.8%
11:15 AM	0.00	0.00	0.0%	10,419.42	2604.85	21.8%	12,138.87	3034.72	25.4%
11:30 AM	0.00	0.00	0.0%	9,997.73	2499.43	20.9%	10,763.81	2690.95	22.6%
11:45 AM	0.00	0.00	0.0%	10,273.88	2568.47	21.5%	10,273.88	2568.47	21.5%
12:00 PM	0.00	0.00	0.0%	10,394.92	2598.73	21.8%	10,394.92	2598.73	21.8%
12:15 PM	0.00	0.00	0.0%	10,636.99	2659.25	22.3%	10,636.99	2659.25	22.3%
12:30 PM	0.00	0.00	0.0%	10,715.95	2678.99	22.4%	10,715.95	2678.99	22.4%
12:45 PM	0.00	0.00	0.0%	10,927.23	2731.81	22.9%	10,927.23	2731.81	22.9%
1:00 PM	0.00	0.00	0.0%	10,916.35	2729.09	22.9%	10,916.35	2729.09	22.9%
1:15 PM	0.00	0.00	0.0%	10,674.28	2668.57	22.4%	10,674.28	2668.57	22.4%
1:30 PM	0.00	0.00	0.0%	10,278.22	2569.56	21.5%	10,278.22	2569.56	21.5%
1:45 PM	0.00	0.00	0.0%	10,020.03	2505.01	21.0%	10,020.03	2505.01	21.0%
2:00 PM	0.00	0.00	0.0%	9,606.57	2401.64	20.1%	9,606.57	2401.64	20.1%
2:15 PM	0.00	0.00	0.0%	9,320.05	2330.01	19.5%	9,320.05	2330.01	19.5%
2:30 PM	0.00	0.00	0.0%	8,882.80	2220.70	18.6%	8,882.80	2220.70	18.6%
2:45 PM	0.00	0.00	0.0%	11,224.83	2806.21	23.5%	11,224.83	2806.21	23.5%
3:00 PM	0.00	0.00	0.0%	14,355.17	3588.79	30.1%	14,355.17	3588.79	30.1%
3:15 PM	0.00	0.00	0.0%	17,664.61	4416.15	37.0%	17,664.61	4416.15	37.0%
3:30 PM	0.00	0.00	0.0%	21,008.93	5252.23	44.0%	21,008.93	5252.23	44.0%
3:45 PM	0.00	0.00	0.0%	24,748.67	6187.17	51.8%	24,748.67	6187.17	51.8%
4:00 PM	0.00	0.00	0.0%	28,604.74	7151.19	59.9%	28,604.74	7151.19	59.9%
4:15 PM	0.00	0.00	0.0%	32,800.88	8200.22	68.7%	32,800.88	8200.22	68.7%
4:30 PM	0.00	0.00	0.0%	36,632.76	9158.19	76.7%	36,632.76	9158.19	76.7%
4:45 PM	0.00	0.00	0.0%	36,322.90	9080.73	76.1%	36,322.90	9080.73	76.1%
5:00 PM	0.00	0.00	0.0%	35,985.85	8996.46	75.4%	35,985.85	8996.46	75.4%
5:15 PM	0.00	0.00	0.0%	35,892.91	8973.23	75.2%	35,892.89	8973.22	75.2%
5:30 PM	0.00	0.00	0.0%	35,451.19	8862.80	74.3%	35,451.09	8862.77	74.3%
5:45 PM	580.10	145.03	1.2%	34,896.55	8724.14	73.1%	34,896.42	8724.10	73.1%
6:00 PM	5,617.06	1404.27	11.8%	29,766.71	7441.68	62.4%	29,766.58	7441.64	62.4%
6:15 PM	15,193.88	4102.35	31.8%	22,011.37	5943.07	46.1%	22,011.37	5943.07	46.1%
6:31 PM	24,010.26	3361.44	50.3%	16,610.82	2325.51	34.8%	16,610.82	2325.51	34.8%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	0.00	0.00	0.0%	38,098.39	3047.87	79.8%	38,085.66	3046.85	79.8%
8:00 AM	0.00	0.00	0.0%	38,509.60	8087.02	80.7%	38,445.13	8073.48	80.5%
8:15 AM	0.00	0.00	0.0%	39,314.90	9828.73	82.4%	38,757.37	9689.34	81.2%
8:30 AM	0.00	0.00	0.0%	40,003.15	10000.79	83.8%	38,576.74	9644.19	80.8%
8:45 AM	0.00	0.00	0.0%	39,937.30	9984.32	83.7%	38,545.09	9636.27	80.8%
9:00 AM	0.00	0.00	0.0%	37,104.47	9276.12	77.7%	38,024.76	9506.19	79.7%
9:15 AM	0.00	0.00	0.0%	32,732.15	8183.04	68.6%	37,057.99	9264.50	77.6%
9:30 AM	0.00	0.00	0.0%	28,840.25	7210.06	60.4%	33,136.69	8284.17	69.4%
9:45 AM	0.00	0.00	0.0%	25,483.24	6370.81	53.4%	29,234.99	7308.75	61.2%
10:00 AM	0.00	0.00	0.0%	22,491.83	5622.96	47.1%	25,522.30	6380.57	53.5%
10:15 AM	0.00	0.00	0.0%	19,935.38	4983.84	41.8%	22,166.10	5541.52	46.4%
10:30 AM	0.00	0.00	0.0%	17,551.15	4387.79	36.8%	19,141.31	4785.33	40.1%
10:45 AM	0.00	0.00	0.0%	15,467.15	3866.79	32.4%	16,906.06	4226.52	35.4%
11:00 AM	0.00	0.00	0.0%	13,447.23	3361.81	28.2%	14,894.65	3723.66	31.2%
11:15 AM	0.00	0.00	0.0%	11,657.49	2914.37	24.4%	13,289.13	3322.28	27.8%
11:30 AM	0.00	0.00	0.0%	11,163.94	2790.98	23.4%	11,926.73	2981.68	25.0%
11:45 AM	0.00	0.00	0.0%	11,447.20	2861.80	24.0%	11,447.20	2861.80	24.0%
12:00 PM	0.00	0.00	0.0%	11,574.46	2893.61	24.2%	11,574.46	2893.61	24.2%
12:15 PM	0.00	0.00	0.0%	11,829.43	2957.36	24.8%	11,829.43	2957.36	24.8%
12:30 PM	0.00	0.00	0.0%	11,922.47	2980.62	25.0%	11,922.47	2980.62	25.0%
12:45 PM	0.00	0.00	0.0%	12,151.86	3037.97	25.5%	12,151.86	3037.97	25.5%
1:00 PM	0.00	0.00	0.0%	12,054.92	3013.73	25.3%	12,054.92	3013.73	25.3%
1:15 PM	0.00	0.00	0.0%	11,775.92	2943.98	24.7%	11,775.92	2943.98	24.7%
1:30 PM	0.00	0.00	0.0%	11,349.67	2837.42	23.8%	11,349.67	2837.42	23.8%
1:45 PM	0.00	0.00	0.0%	11,060.90	2765.23	23.2%	11,060.90	2765.23	23.2%
2:00 PM	0.00	0.00	0.0%	10,623.76	2655.94	22.3%	10,623.76	2655.94	22.3%
2:15 PM	0.00	0.00	0.0%	10,313.06	2578.26	21.6%	10,313.06	2578.26	21.6%
2:30 PM	0.00	0.00	0.0%	10,738.49	2684.62	22.5%	10,738.49	2684.62	22.5%
2:45 PM	0.00	0.00	0.0%	13,835.33	3458.83	29.0%	13,835.33	3458.83	29.0%
3:00 PM	0.00	0.00	0.0%	17,320.15	4330.04	36.3%	17,320.15	4330.04	36.3%
3:15 PM	0.00	0.00	0.0%	21,076.03	5269.01	44.2%	21,076.03	5269.01	44.2%
3:30 PM	0.00	0.00	0.0%	24,777.69	6194.42	51.9%	24,777.69	6194.42	51.9%
3:45 PM	0.00	0.00	0.0%	29,174.79	7293.70	61.1%	29,174.79	7293.70	61.1%
4:00 PM	0.00	0.00	0.0%	33,510.92	8377.73	70.2%	33,510.92	8377.73	70.2%
4:15 PM	0.00	0.00	0.0%	38,216.02	9554.01	80.1%	38,216.02	9554.01	80.1%
4:30 PM	0.00	0.00	0.0%	39,064.51	9766.13	81.8%	39,064.51	9766.13	81.8%
4:45 PM	0.00	0.00	0.0%	38,424.81	9606.20	80.5%	38,424.81	9606.20	80.5%
5:00 PM	0.00	0.00	0.0%	37,687.62	9421.90	79.0%	37,687.60	9421.90	79.0%
5:15 PM	0.00	0.00	0.0%	37,105.33	9276.33	77.7%	37,105.29	9276.32	77.7%
5:30 PM	0.00	0.00	0.0%	36,831.90	9207.97	77.2%	36,831.81	9207.95	77.2%
5:45 PM	3,123.38	780.84	6.5%	33,602.62	8400.65	70.4%	33,602.50	8400.63	70.4%
6:00 PM	9,950.72	2487.68	20.8%	26,301.07	6575.27	55.1%	26,300.92	6575.23	55.1%
6:15 PM	16,718.31	3009.30	35.0%	19,392.85	3490.71	40.6%	19,392.85	3490.71	40.6%
6:21 PM	18,077.79	903.89	37.9%	18,399.34	919.97	38.5%	18,399.34	919.97	38.5%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	0.00	0.00	0.0%	39,545.76	790.92	82.8%	39,526.38	790.53	82.8%
8:00 AM	0.00	0.00	0.0%	39,663.82	5949.57	83.1%	39,619.93	5942.99	83.0%
8:15 AM	0.00	0.00	0.0%	40,363.86	10090.97	84.6%	40,145.93	10036.48	84.1%
8:30 AM	0.00	0.00	0.0%	41,214.17	10303.54	86.3%	39,754.72	9938.68	83.3%
8:45 AM	0.00	0.00	0.0%	41,302.78	10325.70	86.5%	39,588.25	9897.06	82.9%
9:00 AM	0.00	0.00	0.0%	40,081.96	10020.49	84.0%	39,489.49	9872.37	82.7%
9:15 AM	0.00	0.00	0.0%	35,374.13	8843.53	74.1%	38,825.31	9706.33	81.3%
9:30 AM	0.00	0.00	0.0%	31,246.69	7811.67	65.5%	35,692.81	8923.20	74.8%
9:45 AM	0.00	0.00	0.0%	27,650.02	6912.51	57.9%	31,557.13	7889.28	66.1%
10:00 AM	0.00	0.00	0.0%	24,433.69	6108.42	51.2%	27,566.69	6891.67	57.8%
10:15 AM	0.00	0.00	0.0%	21,715.89	5428.97	45.5%	23,999.03	5999.76	50.3%
10:30 AM	0.00	0.00	0.0%	19,183.94	4795.99	40.2%	20,689.15	5172.29	43.3%
10:45 AM	0.00	0.00	0.0%	16,990.14	4247.53	35.6%	18,338.33	4584.58	38.4%
11:00 AM	0.00	0.00	0.0%	14,866.85	3716.71	31.1%	16,238.63	4059.66	34.0%
11:15 AM	0.00	0.00	0.0%	12,999.38	3249.84	27.2%	14,602.79	3650.70	30.6%
11:30 AM	0.00	0.00	0.0%	12,432.19	3108.05	26.0%	13,201.07	3300.27	27.7%
11:45 AM	0.00	0.00	0.0%	12,724.69	3181.17	26.7%	12,724.69	3181.17	26.7%
12:00 PM	0.00	0.00	0.0%	12,863.51	3215.88	26.9%	12,863.51	3215.88	26.9%
12:15 PM	0.00	0.00	0.0%	13,132.07	3283.02	27.5%	13,132.07	3283.02	27.5%
12:30 PM	0.00	0.00	0.0%	13,241.95	3310.49	27.7%	13,241.95	3310.49	27.7%
12:45 PM	0.00	0.00	0.0%	13,494.92	3373.73	28.3%	13,494.92	3373.73	28.3%
1:00 PM	0.00	0.00	0.0%	13,283.21	3320.80	27.8%	13,283.21	3320.80	27.8%
1:15 PM	0.00	0.00	0.0%	12,966.25	3241.56	27.2%	12,966.25	3241.56	27.2%
1:30 PM	0.00	0.00	0.0%	12,503.56	3125.89	26.2%	12,503.56	3125.89	26.2%
1:45 PM	0.00	0.00	0.0%	12,184.72	3046.18	25.5%	12,184.72	3046.18	25.5%
2:00 PM	0.00	0.00	0.0%	11,719.37	2929.84	24.6%	11,719.37	2929.84	24.6%
2:15 PM	0.00	0.00	0.0%	11,382.64	2845.66	23.8%	11,382.64	2845.66	23.8%
2:30 PM	0.00	0.00	0.0%	13,220.46	3305.11	27.7%	13,220.46	3305.11	27.7%
2:45 PM	0.00	0.00	0.0%	16,834.42	4208.60	35.3%	16,834.42	4208.60	35.3%
3:00 PM	0.00	0.00	0.0%	20,737.49	5184.37	43.4%	20,737.49	5184.37	43.4%
3:15 PM	0.00	0.00	0.0%	25,123.16	6280.79	52.6%	25,123.16	6280.79	52.6%
3:30 PM	0.00	0.00	0.0%	29,333.52	7333.38	61.5%	29,333.52	7333.38	61.5%
3:45 PM	0.00	0.00	0.0%	34,236.92	8559.23	71.7%	34,236.92	8559.23	71.7%
4:00 PM	0.00	0.00	0.0%	39,152.58	9788.15	82.0%	39,152.58	9788.15	82.0%
4:15 PM	0.00	0.00	0.0%	42,383.54	10595.89	88.8%	42,383.54	10595.89	88.8%
4:30 PM	0.00	0.00	0.0%	41,372.52	10343.13	86.7%	41,372.52	10343.13	86.7%
4:45 PM	0.00	0.00	0.0%	40,099.88	10024.97	84.0%	40,099.88	10024.97	84.0%
5:00 PM	0.00	0.00	0.0%	38,919.61	9729.90	81.5%	38,919.59	9729.90	81.5%
5:15 PM	0.00	0.00	0.0%	38,547.82	9636.95	80.8%	38,547.78	9636.94	80.8%
5:30 PM	1,138.30	284.57	2.4%	37,314.68	9328.67	78.2%	37,314.60	9328.65	78.2%
5:45 PM	4,884.11	1221.03	10.2%	33,333.49	8333.37	69.8%	33,333.38	8333.35	69.8%
6:00 PM	10,841.56	2276.73	22.7%	26,627.74	5591.82	55.8%	26,627.74	5591.82	55.8%
6:09 PM	12,978.31	1038.26	27.2%	23,635.22	1890.82	49.5%	23,635.22	1890.82	49.5%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	0.00	0.00	0.0%	41,024.10	4102.41	85.9%	40,993.84	4099.38	85.9%
8:15 AM	0.00	0.00	0.0%	41,476.58	9124.85	86.9%	41,336.94	9094.13	86.6%
8:30 AM	0.00	0.00	0.0%	42,394.47	10598.62	88.8%	41,138.89	10284.72	86.2%
8:45 AM	0.00	0.00	0.0%	43,110.70	10777.68	90.3%	41,097.32	10274.33	86.1%
9:00 AM	0.00	0.00	0.0%	42,958.24	10739.56	90.0%	41,379.79	10344.95	86.7%
9:15 AM	0.00	0.00	0.0%	38,581.50	9645.38	80.8%	41,004.91	10251.23	85.9%
9:30 AM	0.00	0.00	0.0%	34,127.94	8531.98	71.5%	38,740.83	9685.21	81.2%
9:45 AM	0.00	0.00	0.0%	30,221.52	7555.38	63.3%	34,204.65	8551.16	71.7%
10:00 AM	0.00	0.00	0.0%	26,699.37	6674.84	55.9%	29,815.23	7453.81	62.5%
10:15 AM	0.00	0.00	0.0%	23,769.33	5942.33	49.8%	26,052.26	6513.06	54.6%
10:30 AM	0.00	0.00	0.0%	21,041.99	5260.50	44.1%	22,534.81	5633.70	47.2%
10:45 AM	0.00	0.00	0.0%	18,710.66	4677.66	39.2%	19,972.26	4993.06	41.8%
11:00 AM	0.00	0.00	0.0%	16,455.34	4113.84	34.5%	17,758.50	4439.63	37.2%
11:15 AM	0.00	0.00	0.0%	14,441.38	3610.35	30.3%	16,062.26	4015.57	33.7%
11:30 AM	0.00	0.00	0.0%	13,798.79	3449.70	28.9%	14,569.99	3642.50	30.5%
11:45 AM	0.00	0.00	0.0%	14,102.83	3525.71	29.5%	14,102.83	3525.71	29.5%
12:00 PM	0.00	0.00	0.0%	14,254.99	3563.75	29.9%	14,254.99	3563.75	29.9%
12:15 PM	0.00	0.00	0.0%	14,544.28	3636.07	30.5%	14,544.28	3636.07	30.5%
12:30 PM	0.00	0.00	0.0%	14,673.82	3668.45	30.7%	14,673.82	3668.45	30.7%
12:45 PM	0.00	0.00	0.0%	14,966.60	3741.65	31.4%	14,966.60	3741.65	31.4%
1:00 PM	0.00	0.00	0.0%	14,574.33	3643.58	30.5%	14,574.33	3643.58	30.5%
1:15 PM	0.00	0.00	0.0%	14,222.05	3555.51	29.8%	14,222.05	3555.51	29.8%
1:30 PM	0.00	0.00	0.0%	13,735.67	3433.92	28.8%	13,735.67	3433.92	28.8%
1:45 PM	0.00	0.00	0.0%	13,382.51	3345.63	28.0%	13,382.51	3345.63	28.0%
2:00 PM	0.00	0.00	0.0%	12,887.76	3221.94	27.0%	12,887.76	3221.94	27.0%
2:15 PM	0.00	0.00	0.0%	13,002.31	3250.58	27.2%	13,002.31	3250.58	27.2%
2:30 PM	0.00	0.00	0.0%	16,146.98	4036.74	33.8%	16,146.98	4036.74	33.8%
2:45 PM	0.00	0.00	0.0%	20,214.34	5053.59	42.3%	20,214.34	5053.59	42.3%
3:00 PM	0.00	0.00	0.0%	24,654.31	6163.58	51.7%	24,654.31	6163.58	51.7%
3:15 PM	0.00	0.00	0.0%	29,792.02	7448.01	62.4%	29,792.02	7448.01	62.4%
3:30 PM	0.00	0.00	0.0%	34,630.09	8657.52	72.5%	34,630.09	8657.52	72.5%
3:45 PM	0.00	0.00	0.0%	40,028.35	10007.09	83.9%	40,028.35	10007.09	83.9%
4:00 PM	0.00	0.00	0.0%	45,467.70	11366.93	95.3%	45,467.70	11366.93	95.3%
4:15 PM	0.00	0.00	0.0%	45,302.70	11325.68	94.9%	45,302.70	11325.68	94.9%
4:30 PM	0.00	0.00	0.0%	43,682.82	10920.70	91.5%	43,682.82	10920.70	91.5%
4:45 PM	0.00	0.00	0.0%	41,754.42	10438.60	87.5%	41,754.40	10438.60	87.5%
5:00 PM	0.00	0.00	0.0%	40,443.47	10110.87	84.7%	40,443.45	10110.86	84.7%
5:15 PM	133.30	33.32	0.3%	40,153.02	10038.26	84.1%	40,152.99	10038.25	84.1%
5:30 PM	1,473.35	368.34	3.1%	38,610.26	9652.56	80.9%	38,610.20	9652.55	80.9%
5:45 PM	4,783.60	1100.23	10.0%	35,037.73	8058.68	73.4%	35,037.72	8058.68	73.4%
5:58 PM	7,889.68	867.86	16.5%	30,763.22	3383.95	64.4%	30,763.22	3383.95	64.4%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	0.00	0.00	0.0%	42,531.88	1701.28	89.1%	42,485.13	1699.41	89.0%
8:15 AM	0.00	0.00	0.0%	42,751.40	7267.74	89.6%	42,642.81	7249.28	89.3%
8:30 AM	0.00	0.00	0.0%	43,855.06	10963.77	91.9%	43,050.46	10762.61	90.2%
8:45 AM	0.00	0.00	0.0%	45,257.08	11314.27	94.8%	42,887.88	10721.97	89.8%
9:00 AM	0.00	0.00	0.0%	45,449.06	11362.27	95.2%	42,575.10	10643.77	89.2%
9:15 AM	0.00	0.00	0.0%	42,432.78	10608.20	88.9%	42,166.98	10541.74	88.3%
9:30 AM	0.00	0.00	0.0%	37,421.94	9355.49	78.4%	41,209.63	10302.41	86.3%
9:45 AM	0.00	0.00	0.0%	33,175.18	8293.80	69.5%	36,614.84	9153.71	76.7%
10:00 AM	0.00	0.00	0.0%	29,350.67	7337.67	61.5%	32,297.78	8074.44	67.7%
10:15 AM	0.00	0.00	0.0%	26,150.87	6537.72	54.8%	28,318.98	7079.74	59.3%
10:30 AM	0.00	0.00	0.0%	23,183.62	5795.90	48.6%	24,602.64	6150.66	51.5%
10:45 AM	0.00	0.00	0.0%	20,675.20	5168.80	43.3%	21,825.15	5456.29	45.7%
11:00 AM	0.00	0.00	0.0%	18,221.61	4555.40	38.2%	19,470.63	4867.66	40.8%
11:15 AM	0.00	0.00	0.0%	16,021.07	4005.27	33.6%	17,652.47	4413.12	37.0%
11:30 AM	0.00	0.00	0.0%	15,260.98	3815.24	32.0%	16,054.90	4013.72	33.6%
11:45 AM	0.00	0.00	0.0%	15,584.11	3896.03	32.6%	15,584.11	3896.03	32.6%
12:00 PM	0.00	0.00	0.0%	15,749.83	3937.46	33.0%	15,749.83	3937.46	33.0%
12:15 PM	0.00	0.00	0.0%	16,064.13	4016.03	33.7%	16,064.13	4016.03	33.7%
12:30 PM	0.00	0.00	0.0%	16,218.35	4054.59	34.0%	16,218.35	4054.59	34.0%
12:45 PM	0.00	0.00	0.0%	16,517.60	4129.40	34.6%	16,517.60	4129.40	34.6%
1:00 PM	0.00	0.00	0.0%	16,047.59	4011.90	33.6%	16,047.59	4011.90	33.6%
1:15 PM	0.00	0.00	0.0%	15,625.01	3906.25	32.7%	15,625.01	3906.25	32.7%
1:30 PM	0.00	0.00	0.0%	15,049.08	3762.27	31.5%	15,049.08	3762.27	31.5%
1:45 PM	0.00	0.00	0.0%	14,660.16	3665.04	30.7%	14,660.16	3665.04	30.7%
2:00 PM	0.00	0.00	0.0%	14,131.22	3532.81	29.6%	14,131.22	3532.81	29.6%
2:15 PM	0.00	0.00	0.0%	15,364.83	3841.21	32.2%	15,364.83	3841.21	32.2%
2:30 PM	0.00	0.00	0.0%	18,787.43	4696.86	39.4%	18,787.43	4696.86	39.4%
2:45 PM	0.00	0.00	0.0%	22,917.61	5729.40	48.0%	22,917.61	5729.40	48.0%
3:00 PM	0.00	0.00	0.0%	27,524.03	6881.01	57.7%	27,524.03	6881.01	57.7%
3:15 PM	0.00	0.00	0.0%	32,870.64	8217.66	68.9%	32,870.64	8217.66	68.9%
3:30 PM	0.00	0.00	0.0%	38,315.74	9578.94	80.3%	38,315.74	9578.94	80.3%
3:45 PM	0.00	0.00	0.0%	43,993.86	10998.47	92.2%	43,993.86	10998.47	92.2%
4:00 PM	0.00	0.00	0.0%	46,857.93	11714.48	98.2%	46,857.93	11714.48	98.2%
4:15 PM	0.00	0.00	0.0%	46,947.84	11736.96	98.4%	46,947.84	11736.96	98.4%
4:30 PM	0.00	0.00	0.0%	45,462.41	11365.60	95.2%	45,462.41	11365.60	95.2%
4:45 PM	0.00	0.00	0.0%	43,592.42	10898.10	91.3%	43,592.40	10898.10	91.3%
5:00 PM	0.00	0.00	0.0%	42,379.35	10594.84	88.8%	42,379.32	10594.83	88.8%
5:15 PM	0.00	0.00	0.0%	42,051.65	10512.91	88.1%	42,051.63	10512.91	88.1%
5:30 PM	478.32	129.15	1.0%	41,503.16	11205.85	86.9%	41,503.15	11205.85	86.9%
5:47 PM	2,809.75	393.37	5.9%	37,893.18	5305.05	79.4%	37,893.18	5305.05	79.4%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	0.00	0.00	0.0%	44,469.99	5336.40	93.2%	44,404.63	5328.56	93.0%
8:30 AM	0.00	0.00	0.0%	45,367.10	10888.10	95.0%	45,186.67	10844.80	94.7%
8:45 AM	0.00	0.00	0.0%	46,449.49	11612.37	97.3%	44,464.13	11116.03	93.2%
9:00 AM	0.00	0.00	0.0%	47,212.60	11803.15	98.9%	43,504.31	10876.08	91.1%
9:15 AM	0.00	0.00	0.0%	46,612.03	11653.01	97.7%	42,633.88	10658.47	89.3%
9:30 AM	0.00	0.00	0.0%	40,995.16	10248.79	85.9%	41,089.78	10272.45	86.1%
9:45 AM	0.00	0.00	0.0%	36,425.15	9106.29	76.3%	37,525.09	9381.27	78.6%
10:00 AM	0.00	0.00	0.0%	32,309.44	8077.36	67.7%	33,529.86	8382.47	70.2%
10:15 AM	0.00	0.00	0.0%	28,856.73	7214.18	60.5%	29,864.21	7466.05	62.6%
10:30 AM	0.00	0.00	0.0%	25,605.68	6401.42	53.6%	26,379.77	6594.94	55.3%
10:45 AM	0.00	0.00	0.0%	22,886.13	5721.53	47.9%	23,603.99	5901.00	49.5%
11:00 AM	0.00	0.00	0.0%	20,081.81	5020.45	42.1%	21,323.38	5330.85	44.7%
11:15 AM	0.00	0.00	0.0%	17,743.82	4435.95	37.2%	19,376.75	4844.19	40.6%
11:30 AM	0.00	0.00	0.0%	16,820.77	4205.19	35.2%	17,662.96	4415.74	37.0%
11:45 AM	0.00	0.00	0.0%	17,164.53	4291.13	36.0%	17,164.53	4291.13	36.0%
12:00 PM	0.00	0.00	0.0%	17,347.88	4336.97	36.3%	17,347.88	4336.97	36.3%
12:15 PM	0.00	0.00	0.0%	17,691.47	4422.87	37.1%	17,691.47	4422.87	37.1%
12:30 PM	0.00	0.00	0.0%	17,875.81	4468.95	37.4%	17,875.81	4468.95	37.4%
12:45 PM	0.00	0.00	0.0%	18,136.04	4534.01	38.0%	18,136.04	4534.01	38.0%
1:00 PM	0.00	0.00	0.0%	17,494.74	4373.69	36.7%	17,494.74	4373.69	36.7%
1:15 PM	0.00	0.00	0.0%	17,039.56	4259.89	35.7%	17,039.56	4259.89	35.7%
1:30 PM	0.00	0.00	0.0%	16,449.10	4112.28	34.5%	16,449.10	4112.28	34.5%
1:45 PM	0.00	0.00	0.0%	16,023.88	4005.97	33.6%	16,023.88	4005.97	33.6%
2:00 PM	0.00	0.00	0.0%	15,455.75	3863.94	32.4%	15,455.75	3863.94	32.4%
2:15 PM	0.00	0.00	0.0%	17,861.04	4465.26	37.4%	17,861.04	4465.26	37.4%
2:30 PM	0.00	0.00	0.0%	21,303.49	5325.87	44.6%	21,303.49	5325.87	44.6%
2:45 PM	0.00	0.00	0.0%	25,456.06	6364.02	53.3%	25,456.06	6364.02	53.3%
3:00 PM	0.00	0.00	0.0%	30,144.24	7536.06	63.2%	30,144.24	7536.06	63.2%
3:15 PM	0.00	0.00	0.0%	35,597.66	8899.41	74.6%	35,597.66	8899.41	74.6%
3:30 PM	0.00	0.00	0.0%	41,336.30	10334.07	86.6%	41,336.30	10334.07	86.6%
3:45 PM	0.00	0.00	0.0%	46,114.35	11528.59	96.6%	46,114.35	11528.59	96.6%
4:00 PM	0.00	0.00	0.0%	47,469.16	11867.29	99.4%	47,469.16	11867.29	99.4%
4:15 PM	0.00	0.00	0.0%	47,457.72	11864.43	99.4%	47,457.72	11864.43	99.4%
4:30 PM	0.00	0.00	0.0%	46,666.41	11666.60	97.8%	46,666.40	11666.60	97.8%
4:45 PM	0.00	0.00	0.0%	45,477.02	11369.26	95.3%	45,477.01	11369.25	95.3%
5:00 PM	0.00	0.00	0.0%	44,361.53	11090.38	92.9%	44,361.51	11090.38	92.9%
5:15 PM	0.00	0.00	0.0%	44,015.66	11003.91	92.2%	44,015.63	11003.91	92.2%
5:30 PM	34.87	6.62	0.1%	43,397.17	8245.46	90.9%	43,397.17	8245.46	90.9%
5:37 PM	285.85	17.15	0.6%	42,455.39	2547.32	88.9%	42,455.39	2547.32	88.9%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	0.00	0.00	0.0%	46,428.50	2785.71	97.3%	46,428.50	2785.71	97.3%
8:30 AM	0.00	0.00	0.0%	46,606.69	8389.20	97.6%	46,557.15	8380.29	97.5%
8:45 AM	0.00	0.00	0.0%	47,246.74	11811.69	99.0%	45,949.90	11487.47	96.3%
9:00 AM	0.00	0.00	0.0%	47,629.70	11907.43	99.8%	44,356.01	11089.00	92.9%
9:15 AM	0.00	0.00	0.0%	47,628.06	11907.02	99.8%	42,706.50	10676.63	89.5%
9:30 AM	0.00	0.00	0.0%	43,631.95	10907.99	91.4%	40,996.94	10249.24	85.9%
9:45 AM	0.00	0.00	0.0%	39,551.41	9887.85	82.9%	38,276.87	9569.22	80.2%
10:00 AM	0.00	0.00	0.0%	35,509.48	8877.37	74.4%	34,578.29	8644.57	72.4%
10:15 AM	0.00	0.00	0.0%	31,812.77	7953.19	66.6%	31,083.35	7770.84	65.1%
10:30 AM	0.00	0.00	0.0%	28,296.99	7074.25	59.3%	27,689.99	6922.50	58.0%
10:45 AM	0.00	0.00	0.0%	25,215.53	6303.88	52.8%	24,856.68	6214.17	52.1%
11:00 AM	0.00	0.00	0.0%	22,091.74	5522.94	46.3%	22,683.28	5670.82	47.5%
11:15 AM	0.00	0.00	0.0%	19,597.42	4899.35	41.1%	20,881.17	5220.29	43.7%
11:30 AM	0.00	0.00	0.0%	18,452.64	4613.16	38.7%	19,289.28	4822.32	40.4%
11:45 AM	0.00	0.00	0.0%	18,824.58	4706.15	39.4%	18,824.58	4706.15	39.4%
12:00 PM	0.00	0.00	0.0%	19,029.55	4757.39	39.9%	19,029.55	4757.39	39.9%
12:15 PM	0.00	0.00	0.0%	19,410.38	4852.59	40.7%	19,410.38	4852.59	40.7%
12:30 PM	0.00	0.00	0.0%	19,626.76	4906.69	41.1%	19,626.76	4906.69	41.1%
12:45 PM	0.00	0.00	0.0%	19,779.38	4944.85	41.4%	19,779.38	4944.85	41.4%
1:00 PM	0.00	0.00	0.0%	19,067.56	4766.89	39.9%	19,067.56	4766.89	39.9%
1:15 PM	0.00	0.00	0.0%	18,562.31	4640.58	38.9%	18,562.31	4640.58	38.9%
1:30 PM	0.00	0.00	0.0%	17,918.60	4479.65	37.5%	17,918.60	4479.65	37.5%
1:45 PM	0.00	0.00	0.0%	17,452.08	4363.02	36.6%	17,452.08	4363.02	36.6%
2:00 PM	0.00	0.00	0.0%	17,494.85	4373.71	36.7%	17,494.85	4373.71	36.7%
2:15 PM	0.00	0.00	0.0%	20,266.13	5066.53	42.5%	20,266.13	5066.53	42.5%
2:30 PM	0.00	0.00	0.0%	23,694.39	5923.60	49.6%	23,694.39	5923.60	49.6%
2:45 PM	0.00	0.00	0.0%	27,747.74	6936.93	58.1%	27,747.74	6936.93	58.1%
3:00 PM	0.00	0.00	0.0%	32,528.28	8132.07	68.1%	32,528.28	8132.07	68.1%
3:15 PM	0.00	0.00	0.0%	37,948.71	9487.18	79.5%	37,948.71	9487.18	79.5%
3:30 PM	0.00	0.00	0.0%	43,716.06	10929.02	91.6%	43,716.06	10929.02	91.6%
3:45 PM	0.00	0.00	0.0%	46,730.11	11682.53	97.9%	46,730.11	11682.53	97.9%
4:00 PM	0.00	0.00	0.0%	47,626.53	11906.63	99.8%	47,626.53	11906.63	99.8%
4:15 PM	0.00	0.00	0.0%	47,628.59	11907.15	99.8%	47,628.59	11907.15	99.8%
4:30 PM	0.00	0.00	0.0%	47,586.74	11896.68	99.7%	47,586.74	11896.68	99.7%
4:45 PM	0.00	0.00	0.0%	46,892.60	11723.15	98.2%	46,892.60	11723.15	98.2%
5:00 PM	0.00	0.00	0.0%	46,373.63	11593.41	97.2%	46,373.62	11593.40	97.2%
5:15 PM	0.00	0.00	0.0%	45,990.85	10117.99	96.4%	45,990.84	10117.98	96.4%
5:27 PM	92.56	9.26	0.2%	44,668.92	4466.89	93.6%	44,668.92	4466.89	93.6%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	0.00	0.00	0.0%	47,384.45	6159.98	99.3%	47,384.45	6159.98	99.3%
7:45 AM	0.00	0.00	0.0%	47,624.92	11906.23	99.8%	47,479.76	11869.94	99.5%
8:00 AM	0.00	0.00	0.0%	47,627.60	11906.90	99.8%	44,983.66	11245.91	94.2%
8:15 AM	0.00	0.00	0.0%	47,627.58	11906.89	99.8%	42,933.28	10733.32	89.9%
8:30 AM	0.00	0.00	0.0%	45,504.84	11376.21	95.3%	41,006.55	10251.64	85.9%
8:45 AM	0.00	0.00	0.0%	41,673.51	10418.38	87.3%	38,808.41	9702.10	81.3%
9:00 AM	0.00	0.00	0.0%	37,895.57	9473.89	79.4%	35,550.35	8887.59	74.5%
9:15 AM	0.00	0.00	0.0%	34,478.77	8619.69	72.2%	32,304.91	8076.23	67.7%
9:30 AM	0.00	0.00	0.0%	31,130.83	7782.71	65.2%	29,055.53	7263.88	60.9%
9:45 AM	0.00	0.00	0.0%	27,658.94	6914.74	57.9%	26,143.07	6535.77	54.8%
10:00 AM	0.00	0.00	0.0%	24,275.91	6068.98	50.9%	24,098.17	6024.54	50.5%
10:15 AM	0.00	0.00	0.0%	21,597.03	5399.26	45.2%	22,418.15	5604.54	47.0%
10:30 AM	0.00	0.00	0.0%	20,137.85	5034.46	42.2%	20,955.50	5238.88	43.9%
10:45 AM	0.00	0.00	0.0%	20,539.19	5134.80	43.0%	20,539.19	5134.80	43.0%
11:00 AM	0.00	0.00	0.0%	20,769.40	5192.35	43.5%	20,769.40	5192.35	43.5%
11:15 AM	0.00	0.00	0.0%	21,191.65	5297.91	44.4%	21,191.65	5297.91	44.4%
11:30 AM	0.00	0.00	0.0%	21,447.69	5361.92	44.9%	21,447.69	5361.92	44.9%
11:45 AM	0.00	0.00	0.0%	21,495.21	5373.80	45.0%	21,495.21	5373.80	45.0%
12:00 PM	0.00	0.00	0.0%	20,710.77	5177.69	43.4%	20,710.77	5177.69	43.4%
12:15 PM	0.00	0.00	0.0%	20,146.74	5036.68	42.2%	20,146.74	5036.68	42.2%
12:30 PM	0.00	0.00	0.0%	19,447.44	4861.86	40.7%	19,447.44	4861.86	40.7%
12:45 PM	0.00	0.00	0.0%	18,975.65	4743.91	39.8%	18,975.65	4743.91	39.8%
1:00 PM	0.00	0.00	0.0%	19,877.13	4969.28	41.6%	19,877.13	4969.28	41.6%
1:15 PM	0.00	0.00	0.0%	22,805.68	5701.42	47.8%	22,805.68	5701.42	47.8%
1:30 PM	0.00	0.00	0.0%	26,246.74	6561.69	55.0%	26,246.74	6561.69	55.0%
1:45 PM	0.00	0.00	0.0%	30,012.47	7503.12	62.9%	30,012.47	7503.12	62.9%
2:00 PM	0.00	0.00	0.0%	34,529.80	8632.45	72.3%	34,529.80	8632.45	72.3%
2:15 PM	0.00	0.00	0.0%	39,748.90	9937.22	83.3%	39,748.90	9937.22	83.3%
2:30 PM	0.00	0.00	0.0%	44,712.76	11178.19	93.7%	44,712.76	11178.19	93.7%
2:45 PM	0.00	0.00	0.0%	47,385.61	11846.40	99.3%	47,385.61	11846.40	99.3%
3:00 PM	0.00	0.00	0.0%	47,628.10	11907.02	99.8%	47,628.10	11907.02	99.8%
3:15 PM	0.00	0.00	0.0%	47,628.10	11907.02	99.8%	47,628.10	11907.02	99.8%
3:30 PM	0.00	0.00	0.0%	47,629.44	11907.36	99.8%	47,629.44	11907.36	99.8%
3:45 PM	0.00	0.00	0.0%	47,508.49	11877.12	99.5%	47,508.48	11877.12	99.5%
4:00 PM	0.00	0.00	0.0%	47,583.60	11895.90	99.7%	47,583.58	11895.90	99.7%
4:15 PM	0.00	0.00	0.0%	47,128.05	7069.21	98.7%	47,128.05	7069.21	98.7%
4:18 PM	182.87	5.49	0.4%	46,626.92	1398.81	97.7%	46,626.92	1398.81	97.7%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	0.00	0.00	0.0%	47,627.55	3333.93	99.8%	47,627.55	3333.93	99.8%
7:45 AM	0.00	0.00	0.0%	47,628.13	9049.35	99.8%	47,628.13	9049.35	99.8%
8:00 AM	0.00	0.00	0.0%	47,628.13	11907.03	99.8%	45,775.76	11443.94	95.9%
8:15 AM	0.00	0.00	0.0%	47,628.08	11907.02	99.8%	43,373.97	10843.49	90.9%
8:30 AM	0.00	0.00	0.0%	47,190.29	11797.57	98.9%	41,189.28	10297.32	86.3%
8:45 AM	0.00	0.00	0.0%	43,654.14	10913.53	91.5%	39,006.91	9751.73	81.7%
9:00 AM	0.00	0.00	0.0%	40,115.04	10028.76	84.0%	36,366.42	9091.60	76.2%
9:15 AM	0.00	0.00	0.0%	36,804.13	9201.03	77.1%	33,525.10	8381.28	70.2%
9:30 AM	0.00	0.00	0.0%	33,375.35	8343.84	69.9%	30,494.07	7623.52	63.9%
9:45 AM	0.00	0.00	0.0%	29,785.99	7446.50	62.4%	27,605.83	6901.46	57.8%
10:00 AM	0.00	0.00	0.0%	26,443.40	6610.85	55.4%	25,584.08	6396.02	53.6%
10:15 AM	0.00	0.00	0.0%	23,695.85	5923.96	49.6%	24,010.56	6002.64	50.3%
10:30 AM	0.00	0.00	0.0%	21,844.01	5461.00	45.8%	22,660.13	5665.03	47.5%
10:45 AM	0.00	0.00	0.0%	22,280.88	5570.22	46.7%	22,280.88	5570.22	46.7%
11:00 AM	0.00	0.00	0.0%	22,539.08	5634.77	47.2%	22,539.08	5634.77	47.2%
11:15 AM	0.00	0.00	0.0%	23,006.36	5751.59	48.2%	23,006.36	5751.59	48.2%
11:30 AM	0.00	0.00	0.0%	23,301.38	5825.35	48.8%	23,301.38	5825.35	48.8%
11:45 AM	0.00	0.00	0.0%	23,266.74	5816.68	48.7%	23,266.74	5816.68	48.7%
12:00 PM	0.00	0.00	0.0%	22,396.41	5599.10	46.9%	22,396.41	5599.10	46.9%
12:15 PM	0.00	0.00	0.0%	21,774.19	5443.55	45.6%	21,774.19	5443.55	45.6%
12:30 PM	0.00	0.00	0.0%	21,012.20	5253.05	44.0%	21,012.20	5253.05	44.0%
12:45 PM	0.00	0.00	0.0%	20,913.74	5228.43	43.8%	20,913.74	5228.43	43.8%
1:00 PM	0.00	0.00	0.0%	22,471.45	5617.86	47.1%	22,471.45	5617.86	47.1%
1:15 PM	0.00	0.00	0.0%	25,466.06	6366.52	53.4%	25,466.06	6366.52	53.4%
1:30 PM	0.00	0.00	0.0%	28,947.28	7236.82	60.6%	28,947.28	7236.82	60.6%
1:45 PM	0.00	0.00	0.0%	32,269.32	8067.33	67.6%	32,269.32	8067.33	67.6%
2:00 PM	0.00	0.00	0.0%	36,006.62	9001.65	75.4%	36,006.62	9001.65	75.4%
2:15 PM	0.00	0.00	0.0%	40,884.24	10221.06	85.7%	40,884.24	10221.06	85.7%
2:30 PM	0.00	0.00	0.0%	45,062.47	11265.62	94.4%	45,062.47	11265.62	94.4%
2:45 PM	0.00	0.00	0.0%	47,475.86	11868.97	99.5%	47,475.86	11868.97	99.5%
3:00 PM	0.00	0.00	0.0%	47,627.01	11906.75	99.8%	47,627.01	11906.75	99.8%
3:15 PM	0.00	0.00	0.0%	47,627.56	11906.89	99.8%	47,627.56	11906.89	99.8%
3:30 PM	0.00	0.00	0.0%	47,626.42	11906.61	99.8%	47,626.42	11906.61	99.8%
3:45 PM	0.00	0.00	0.0%	47,627.03	11906.76	99.8%	47,627.03	11906.76	99.8%
4:00 PM	0.00	0.00	0.0%	47,628.20	10001.92	99.8%	47,628.20	10001.92	99.8%
4:10 PM	255.26	22.97	0.5%	47,373.37	4263.60	99.2%	47,373.37	4263.60	99.2%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	0.00	0.00	0.0%	47,627.51	476.28	99.8%	47,627.51	476.28	99.8%
7:45 AM	0.00	0.00	0.0%	47,628.22	6191.67	99.8%	47,628.22	6191.67	99.8%
8:00 AM	0.00	0.00	0.0%	47,629.74	11907.44	99.8%	46,989.24	11747.31	98.4%
8:15 AM	0.00	0.00	0.0%	47,627.53	11906.88	99.8%	44,088.10	11022.02	92.4%
8:30 AM	0.00	0.00	0.0%	47,627.01	11906.75	99.8%	41,588.25	10397.06	87.1%
8:45 AM	0.00	0.00	0.0%	45,363.59	11340.90	95.0%	39,304.97	9826.24	82.3%
9:00 AM	0.00	0.00	0.0%	42,221.28	10555.32	88.5%	37,193.10	9298.28	77.9%
9:15 AM	0.00	0.00	0.0%	39,101.26	9775.31	81.9%	34,773.07	8693.27	72.8%
9:30 AM	0.00	0.00	0.0%	35,607.08	8901.77	74.6%	32,117.82	8029.45	67.3%
9:45 AM	0.00	0.00	0.0%	32,023.56	8005.89	67.1%	29,451.78	7362.95	61.7%
10:00 AM	0.00	0.00	0.0%	28,567.97	7141.99	59.8%	27,244.88	6811.22	57.1%
10:15 AM	0.00	0.00	0.0%	25,780.99	6445.25	54.0%	25,709.32	6427.33	53.9%
10:30 AM	0.00	0.00	0.0%	23,534.71	5883.68	49.3%	24,415.25	6103.81	51.1%
10:45 AM	0.00	0.00	0.0%	24,002.12	6000.53	50.3%	24,002.12	6000.53	50.3%
11:00 AM	0.00	0.00	0.0%	24,286.58	6071.65	50.9%	24,286.58	6071.65	50.9%
11:15 AM	0.00	0.00	0.0%	24,800.05	6200.01	52.0%	24,800.05	6200.01	52.0%
11:30 AM	0.00	0.00	0.0%	25,137.00	6284.25	52.7%	25,137.00	6284.25	52.7%
11:45 AM	0.00	0.00	0.0%	25,063.06	6265.77	52.5%	25,063.06	6265.77	52.5%
12:00 PM	0.00	0.00	0.0%	24,104.03	6026.01	50.5%	24,104.03	6026.01	50.5%
12:15 PM	0.00	0.00	0.0%	23,414.71	5853.68	49.1%	23,414.71	5853.68	49.1%
12:30 PM	0.00	0.00	0.0%	22,584.97	5646.24	47.3%	22,584.97	5646.24	47.3%
12:45 PM	0.00	0.00	0.0%	23,048.15	5762.04	48.3%	23,048.15	5762.04	48.3%
1:00 PM	0.00	0.00	0.0%	25,076.78	6269.20	52.5%	25,076.78	6269.20	52.5%
1:15 PM	0.00	0.00	0.0%	28,147.98	7036.99	59.0%	28,147.98	7036.99	59.0%
1:30 PM	0.00	0.00	0.0%	31,437.39	7859.35	65.9%	31,437.39	7859.35	65.9%
1:45 PM	0.00	0.00	0.0%	34,368.56	8592.14	72.0%	34,368.56	8592.14	72.0%
2:00 PM	0.00	0.00	0.0%	36,879.58	9219.89	77.3%	36,879.58	9219.89	77.3%
2:15 PM	0.00	0.00	0.0%	41,326.78	10331.70	86.6%	41,326.78	10331.70	86.6%
2:30 PM	0.00	0.00	0.0%	45,342.18	11335.55	95.0%	45,342.18	11335.55	95.0%
2:45 PM	0.00	0.00	0.0%	47,231.52	11807.88	98.9%	47,231.52	11807.88	98.9%
3:00 PM	0.00	0.00	0.0%	47,629.46	11907.36	99.8%	47,629.46	11907.36	99.8%
3:15 PM	0.00	0.00	0.0%	47,628.05	11907.01	99.8%	47,628.05	11907.01	99.8%
3:30 PM	0.00	0.00	0.0%	47,627.64	11906.91	99.8%	47,627.64	11906.91	99.8%
3:45 PM	0.00	0.00	0.0%	47,629.19	11907.30	99.8%	47,629.19	11907.30	99.8%
4:00 PM	0.00	0.00	0.0%	47,627.63	7144.14	99.8%	47,627.63	7144.14	99.8%
4:03 PM	271.04	8.13	0.6%	47,357.13	1420.71	99.2%	47,357.13	1420.71	99.2%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	0.00	0.00	0.0%	47,626.44	3810.12	99.8%	47,626.44	3810.12	99.8%
8:00 AM	0.00	0.00	0.0%	47,628.64	9525.73	99.8%	47,628.64	9525.73	99.8%
8:15 AM	0.00	0.00	0.0%	47,628.17	11907.04	99.8%	45,100.97	11275.24	94.5%
8:30 AM	0.00	0.00	0.0%	47,628.03	11907.01	99.8%	42,225.35	10556.34	88.5%
8:45 AM	0.00	0.00	0.0%	46,738.40	11684.60	97.9%	39,828.70	9957.18	83.4%
9:00 AM	0.00	0.00	0.0%	44,088.90	11022.22	92.4%	38,305.46	9576.36	80.2%
9:15 AM	0.00	0.00	0.0%	41,225.36	10306.34	86.4%	36,196.26	9049.06	75.8%
9:30 AM	0.00	0.00	0.0%	37,746.67	9436.67	79.1%	33,749.20	8437.30	70.7%
9:45 AM	0.00	0.00	0.0%	34,263.77	8565.94	71.8%	31,327.39	7831.85	65.6%
10:00 AM	0.00	0.00	0.0%	30,780.09	7695.02	64.5%	29,051.87	7262.97	60.9%
10:15 AM	0.00	0.00	0.0%	28,008.82	7002.20	58.7%	27,588.26	6897.06	57.8%
10:30 AM	0.00	0.00	0.0%	25,501.56	6375.39	53.4%	26,259.92	6564.98	55.0%
10:45 AM	0.00	0.00	0.0%	25,713.96	6428.49	53.9%	25,713.96	6428.49	53.9%
11:00 AM	0.00	0.00	0.0%	25,966.51	6491.63	54.4%	25,966.51	6491.63	54.4%
11:15 AM	0.00	0.00	0.0%	26,524.13	6631.03	55.6%	26,524.13	6631.03	55.6%
11:30 AM	0.00	0.00	0.0%	26,896.90	6724.23	56.3%	26,896.90	6724.23	56.3%
11:45 AM	0.00	0.00	0.0%	26,846.47	6711.62	56.2%	26,846.47	6711.62	56.2%
12:00 PM	0.00	0.00	0.0%	25,789.38	6447.34	54.0%	25,789.38	6447.34	54.0%
12:15 PM	0.00	0.00	0.0%	25,029.97	6257.49	52.4%	25,029.97	6257.49	52.4%
12:30 PM	0.00	0.00	0.0%	24,127.44	6031.86	50.5%	24,127.44	6031.86	50.5%
12:45 PM	0.00	0.00	0.0%	25,199.62	6299.90	52.8%	25,199.62	6299.90	52.8%
1:00 PM	0.00	0.00	0.0%	27,586.61	6896.65	57.8%	27,586.61	6896.65	57.8%
1:15 PM	0.00	0.00	0.0%	30,614.56	7653.64	64.1%	30,614.56	7653.64	64.1%
1:30 PM	0.00	0.00	0.0%	33,593.21	8398.30	70.4%	33,593.21	8398.30	70.4%
1:45 PM	0.00	0.00	0.0%	36,348.68	9087.17	76.2%	36,348.68	9087.17	76.2%
2:00 PM	0.00	0.00	0.0%	37,832.01	9458.00	79.3%	37,832.01	9458.00	79.3%
2:15 PM	0.00	0.00	0.0%	41,658.87	10414.72	87.3%	41,658.87	10414.72	87.3%
2:30 PM	0.00	0.00	0.0%	45,367.02	11341.76	95.0%	45,367.02	11341.76	95.0%
2:45 PM	0.00	0.00	0.0%	46,964.42	11741.11	98.4%	46,964.42	11741.11	98.4%
3:00 PM	0.00	0.00	0.0%	47,627.51	11906.88	99.8%	47,627.51	11906.88	99.8%
3:15 PM	0.00	0.00	0.0%	47,629.27	11907.32	99.8%	47,629.27	11907.32	99.8%
3:30 PM	0.00	0.00	0.0%	47,628.64	11907.16	99.8%	47,628.64	11907.16	99.8%
3:45 PM	0.00	0.00	0.0%	47,627.55	10954.34	99.8%	47,627.55	10954.34	99.8%
3:57 PM	300.05	33.01	0.6%	47,328.05	5206.09	99.2%	47,328.05	5206.09	99.2%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	0.00	0.00	0.0%	47,627.63	952.55	99.8%	47,627.63	952.55	99.8%
8:00 AM	0.00	0.00	0.0%	47,628.11	7144.22	99.8%	47,628.11	7144.22	99.8%
8:15 AM	0.00	0.00	0.0%	47,626.46	11906.61	99.8%	46,425.83	11606.46	97.3%
8:30 AM	0.00	0.00	0.0%	47,628.63	11907.16	99.8%	43,112.98	10778.24	90.3%
8:45 AM	0.00	0.00	0.0%	47,626.48	11906.62	99.8%	40,621.30	10155.32	85.1%
9:00 AM	0.00	0.00	0.0%	45,597.31	11399.33	95.5%	39,535.40	9883.85	82.8%
9:15 AM	0.00	0.00	0.0%	43,121.49	10780.37	90.3%	37,812.40	9453.10	79.2%
9:30 AM	0.00	0.00	0.0%	39,738.57	9934.64	83.3%	35,488.42	8872.10	74.3%
9:45 AM	0.00	0.00	0.0%	36,400.85	9100.21	76.3%	33,234.28	8308.57	69.6%
10:00 AM	0.00	0.00	0.0%	32,902.47	8225.62	68.9%	30,816.18	7704.05	64.6%
10:15 AM	0.00	0.00	0.0%	30,126.61	7531.65	63.1%	29,375.99	7344.00	61.5%
10:30 AM	0.00	0.00	0.0%	27,620.42	6905.11	57.9%	28,082.41	7020.60	58.8%
10:45 AM	0.00	0.00	0.0%	27,387.47	6846.87	57.4%	27,428.97	6857.24	57.5%
11:00 AM	0.00	0.00	0.0%	27,674.81	6918.70	58.0%	27,674.81	6918.70	58.0%
11:15 AM	0.00	0.00	0.0%	28,244.66	7061.16	59.2%	28,244.66	7061.16	59.2%
11:30 AM	0.00	0.00	0.0%	28,591.34	7147.84	59.9%	28,591.34	7147.84	59.9%
11:45 AM	0.00	0.00	0.0%	28,637.78	7159.45	60.0%	28,637.78	7159.45	60.0%
12:00 PM	0.00	0.00	0.0%	27,443.90	6860.98	57.5%	27,443.90	6860.98	57.5%
12:15 PM	0.00	0.00	0.0%	26,613.13	6653.28	55.8%	26,613.13	6653.28	55.8%
12:30 PM	0.00	0.00	0.0%	25,619.23	6404.81	53.7%	25,619.23	6404.81	53.7%
12:45 PM	0.00	0.00	0.0%	27,224.49	6806.12	57.0%	27,224.49	6806.12	57.0%
1:00 PM	0.00	0.00	0.0%	29,962.48	7490.62	62.8%	29,962.48	7490.62	62.8%
1:15 PM	0.00	0.00	0.0%	32,895.91	8223.98	68.9%	32,895.91	8223.98	68.9%
1:30 PM	0.00	0.00	0.0%	35,642.72	8910.68	74.7%	35,642.72	8910.68	74.7%
1:45 PM	0.00	0.00	0.0%	38,888.61	9722.15	81.5%	38,888.61	9722.15	81.5%
2:00 PM	0.00	0.00	0.0%	40,167.92	10041.98	84.2%	40,167.92	10041.98	84.2%
2:15 PM	0.00	0.00	0.0%	42,208.47	10552.12	88.4%	42,208.47	10552.12	88.4%
2:30 PM	0.00	0.00	0.0%	45,141.15	11285.29	94.6%	45,141.15	11285.29	94.6%
2:45 PM	0.00	0.00	0.0%	46,725.51	11681.38	97.9%	46,725.51	11681.38	97.9%
3:00 PM	0.00	0.00	0.0%	47,525.99	11881.50	99.6%	47,525.99	11881.50	99.6%
3:15 PM	0.00	0.00	0.0%	47,628.15	11907.04	99.8%	47,628.15	11907.04	99.8%
3:30 PM	0.01	0.00	0.0%	47,627.54	11906.89	99.8%	47,627.54	11906.89	99.8%
3:45 PM	0.00	0.00	0.0%	47,629.20	9525.84	99.8%	47,629.20	9525.84	99.8%
3:54 PM	339.28	27.14	0.7%	47,288.24	3783.06	99.1%	47,288.24	3783.06	99.1%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	0.00	0.00	0.0%	47,628.09	4286.53	99.8%	47,628.09	4286.53	99.8%
8:15 AM	0.00	0.00	0.0%	47,627.52	10001.78	99.8%	47,627.52	10001.78	99.8%
8:30 AM	0.00	0.00	0.0%	47,627.69	11906.92	99.8%	44,220.08	11055.02	92.6%
8:45 AM	0.00	0.00	0.0%	47,628.60	11907.15	99.8%	41,700.47	10425.12	87.4%
9:00 AM	0.00	0.00	0.0%	46,648.80	11662.20	97.7%	40,696.65	10174.16	85.3%
9:15 AM	0.00	0.00	0.0%	44,706.65	11176.66	93.7%	39,393.06	9848.26	82.5%
9:30 AM	0.00	0.00	0.0%	41,467.83	10366.96	86.9%	37,175.29	9293.82	77.9%
9:45 AM	0.00	0.00	0.0%	38,316.69	9579.17	80.3%	35,048.88	8762.22	73.4%
10:00 AM	0.00	0.00	0.0%	34,927.17	8731.79	73.2%	32,628.92	8157.23	68.4%
10:15 AM	0.00	0.00	0.0%	32,092.81	8023.20	67.2%	31,055.08	7763.77	65.1%
10:30 AM	0.00	0.00	0.0%	29,506.03	7376.51	61.8%	29,707.67	7426.92	62.2%
10:45 AM	0.00	0.00	0.0%	28,762.36	7190.59	60.3%	28,829.05	7207.26	60.4%
11:00 AM	0.00	0.00	0.0%	29,097.53	7274.38	61.0%	29,097.53	7274.38	61.0%
11:15 AM	0.00	0.00	0.0%	29,725.28	7431.32	62.3%	29,725.28	7431.32	62.3%
11:30 AM	0.00	0.00	0.0%	30,100.63	7525.16	63.1%	30,100.63	7525.16	63.1%
11:45 AM	0.00	0.00	0.0%	30,431.08	7607.77	63.8%	30,431.08	7607.77	63.8%
12:00 PM	0.00	0.00	0.0%	29,219.76	7304.94	61.2%	29,219.76	7304.94	61.2%
12:15 PM	0.00	0.00	0.0%	28,247.37	7061.84	59.2%	28,247.37	7061.84	59.2%
12:30 PM	0.00	0.00	0.0%	27,077.04	6769.26	56.7%	27,077.04	6769.26	56.7%
12:45 PM	0.00	0.00	0.0%	28,970.40	7242.60	60.7%	28,970.40	7242.60	60.7%
1:00 PM	0.00	0.00	0.0%	32,020.02	8005.01	67.1%	32,020.02	8005.01	67.1%
1:15 PM	0.00	0.00	0.0%	35,007.69	8751.92	73.3%	35,007.69	8751.92	73.3%
1:30 PM	0.00	0.00	0.0%	37,866.17	9466.54	79.3%	37,866.17	9466.54	79.3%
1:45 PM	0.00	0.00	0.0%	41,555.69	10388.92	87.1%	41,555.69	10388.92	87.1%
2:00 PM	0.00	0.00	0.0%	42,406.09	10601.52	88.8%	42,406.09	10601.52	88.8%
2:15 PM	0.00	0.00	0.0%	42,499.74	10624.94	89.0%	42,499.74	10624.94	89.0%
2:30 PM	0.00	0.00	0.0%	44,838.82	11209.70	93.9%	44,838.82	11209.70	93.9%
2:45 PM	0.00	0.00	0.0%	46,503.25	11625.81	97.4%	46,503.25	11625.81	97.4%
3:00 PM	0.00	0.00	0.0%	47,412.29	11853.07	99.3%	47,412.29	11853.07	99.3%
3:15 PM	0.00	0.00	0.0%	47,629.77	11907.44	99.8%	47,629.77	11907.44	99.8%
3:30 PM	0.00	0.00	0.0%	47,628.69	11907.17	99.8%	47,628.69	11907.17	99.8%
3:45 PM	0.00	0.00	0.0%	47,628.60	8573.15	99.8%	47,628.60	8573.15	99.8%
3:51 PM	373.40	18.67	0.8%	47,255.26	2362.76	99.0%	47,255.26	2362.76	99.0%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	0.00	0.00	0.0%	47,627.56	1905.10	99.8%	47,627.56	1905.10	99.8%
8:15 AM	0.00	0.00	0.0%	47,627.56	8096.68	99.8%	47,627.56	8096.68	99.8%
8:30 AM	0.00	0.00	0.0%	47,628.13	11907.03	99.8%	45,449.42	11362.36	95.2%
8:45 AM	0.00	0.00	0.0%	47,627.56	11906.89	99.8%	42,677.59	10669.40	89.4%
9:00 AM	0.00	0.00	0.0%	47,332.47	11833.12	99.2%	41,727.47	10431.87	87.4%
9:15 AM	0.00	0.00	0.0%	45,884.13	11471.03	96.1%	40,750.83	10187.71	85.4%
9:30 AM	0.00	0.00	0.0%	42,898.42	10724.60	89.9%	38,674.94	9668.73	81.0%
9:45 AM	0.00	0.00	0.0%	39,950.95	9987.74	83.7%	36,647.15	9161.79	76.8%
10:00 AM	0.00	0.00	0.0%	36,683.35	9170.84	76.9%	34,282.78	8570.69	71.8%
10:15 AM	0.00	0.00	0.0%	33,788.35	8447.09	70.8%	32,499.91	8124.98	68.1%
10:30 AM	0.00	0.00	0.0%	31,142.53	7785.63	65.2%	31,096.56	7774.14	65.1%
10:45 AM	0.00	0.00	0.0%	29,789.62	7447.40	62.4%	30,010.11	7502.53	62.9%
11:00 AM	0.00	0.00	0.0%	30,154.78	7538.70	63.2%	30,154.78	7538.70	63.2%
11:15 AM	0.00	0.00	0.0%	30,816.49	7704.12	64.6%	30,816.49	7704.12	64.6%
11:30 AM	0.00	0.00	0.0%	31,216.81	7804.20	65.4%	31,216.81	7804.20	65.4%
11:45 AM	0.00	0.00	0.0%	31,783.46	7945.86	66.6%	31,783.46	7945.86	66.6%
12:00 PM	0.00	0.00	0.0%	30,369.24	7592.31	63.6%	30,369.24	7592.31	63.6%
12:15 PM	0.00	0.00	0.0%	29,408.42	7352.10	61.6%	29,408.42	7352.10	61.6%
12:30 PM	0.00	0.00	0.0%	28,277.22	7069.31	59.2%	28,277.22	7069.31	59.2%
12:45 PM	0.00	0.00	0.0%	29,917.61	7479.40	62.7%	29,917.61	7479.40	62.7%
1:00 PM	0.00	0.00	0.0%	33,375.15	8343.79	69.9%	33,375.15	8343.79	69.9%
1:15 PM	0.00	0.00	0.0%	36,458.76	9114.69	76.4%	36,458.76	9114.69	76.4%
1:30 PM	0.00	0.00	0.0%	39,344.63	9836.16	82.4%	39,344.63	9836.16	82.4%
1:45 PM	0.00	0.00	0.0%	43,062.62	10765.65	90.2%	43,062.62	10765.65	90.2%
2:00 PM	0.00	0.00	0.0%	44,092.50	11023.13	92.4%	44,092.50	11023.13	92.4%
2:15 PM	0.00	0.00	0.0%	42,973.26	10743.32	90.0%	42,973.26	10743.32	90.0%
2:30 PM	0.00	0.00	0.0%	44,449.52	11112.38	93.1%	44,449.52	11112.38	93.1%
2:45 PM	0.00	0.00	0.0%	46,258.40	11564.60	96.9%	46,258.40	11564.60	96.9%
3:00 PM	0.00	0.00	0.0%	47,304.20	11826.05	99.1%	47,304.20	11826.05	99.1%
3:15 PM	0.00	0.00	0.0%	47,628.15	11907.04	99.8%	47,628.15	11907.04	99.8%
3:30 PM	0.00	0.00	0.0%	47,628.65	11907.16	99.8%	47,628.65	11907.16	99.8%
3:45 PM	0.00	0.00	0.0%	47,628.13	8096.78	99.8%	47,628.13	8096.78	99.8%
3:51 PM	395.88	19.79	0.8%	47,232.19	2361.61	99.0%	47,232.19	2361.61	99.0%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	0.00	0.00	0.0%	47,628.14	5715.38	99.8%	47,628.14	5715.38	99.8%
8:30 AM	0.00	0.00	0.0%	47,338.63	11834.66	99.2%	46,413.83	11603.46	97.2%
8:45 AM	0.00	0.00	0.0%	46,336.49	11584.12	97.1%	42,351.07	10587.77	88.7%
9:00 AM	0.00	0.00	0.0%	47,293.08	11823.27	99.1%	42,177.22	10544.30	88.4%
9:15 AM	0.00	0.00	0.0%	45,601.38	11400.34	95.5%	40,748.48	10187.12	85.4%
9:30 AM	0.00	0.00	0.0%	44,057.95	11014.49	92.3%	39,899.49	9974.87	83.6%
9:45 AM	0.00	0.00	0.0%	40,561.31	10140.33	85.0%	37,218.42	9304.61	78.0%
10:00 AM	0.00	0.00	0.0%	38,091.86	9522.97	79.8%	35,580.46	8895.11	74.5%
10:15 AM	0.00	0.00	0.0%	35,146.97	8786.74	73.6%	33,620.44	8405.11	70.4%
10:30 AM	0.00	0.00	0.0%	32,424.60	8106.15	67.9%	32,112.08	8028.02	67.3%
10:45 AM	0.00	0.00	0.0%	30,512.26	7628.07	63.9%	31,040.72	7760.18	65.0%
11:00 AM	0.00	0.00	0.0%	30,784.65	7696.16	64.5%	30,784.65	7696.16	64.5%
11:15 AM	0.00	0.00	0.0%	31,467.47	7866.87	65.9%	31,467.47	7866.87	65.9%
11:30 AM	0.00	0.00	0.0%	31,879.55	7969.89	66.8%	31,879.55	7969.89	66.8%
11:45 AM	0.00	0.00	0.0%	32,653.66	8163.41	68.4%	32,653.66	8163.41	68.4%
12:00 PM	0.00	0.00	0.0%	31,421.88	7855.47	65.8%	31,421.88	7855.47	65.8%
12:15 PM	0.00	0.00	0.0%	30,387.24	7596.81	63.7%	30,387.24	7596.81	63.7%
12:30 PM	0.00	0.00	0.0%	29,161.83	7290.46	61.1%	29,161.83	7290.46	61.1%
12:45 PM	0.00	0.00	0.0%	29,901.19	7475.30	62.6%	29,901.19	7475.30	62.6%
1:00 PM	0.00	0.00	0.0%	33,898.49	8474.62	71.0%	33,898.49	8474.62	71.0%
1:15 PM	0.00	0.00	0.0%	37,075.95	9268.99	77.7%	37,075.95	9268.99	77.7%
1:30 PM	0.00	0.00	0.0%	39,954.58	9988.64	83.7%	39,954.58	9988.64	83.7%
1:45 PM	0.00	0.00	0.0%	43,658.18	10914.55	91.5%	43,658.18	10914.55	91.5%
2:00 PM	0.00	0.00	0.0%	45,247.57	11311.89	94.8%	45,247.57	11311.89	94.8%
2:15 PM	0.00	0.00	0.0%	43,923.36	10980.84	92.0%	43,923.36	10980.84	92.0%
2:30 PM	0.00	0.00	0.0%	43,939.03	10984.76	92.1%	43,939.03	10984.76	92.1%
2:45 PM	0.00	0.00	0.0%	45,959.38	11489.84	96.3%	45,959.38	11489.84	96.3%
3:00 PM	0.00	0.00	0.0%	47,159.93	11789.98	98.8%	47,159.93	11789.98	98.8%
3:15 PM	0.00	0.00	0.0%	47,628.08	11907.02	99.8%	47,628.08	11907.02	99.8%
3:30 PM	0.00	0.00	0.0%	47,628.15	11907.04	99.8%	47,628.15	11907.04	99.8%
3:45 PM	0.00	0.00	0.0%	47,628.08	8573.05	99.8%	47,628.08	8573.05	99.8%
3:52 PM	416.97	25.02	0.9%	47,212.78	2832.77	98.9%	47,212.78	2832.77	98.9%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	0.00	0.00	0.0%	47,628.05	3810.24	99.8%	47,628.05	3810.24	99.8%
8:30 AM	0.00	0.00	0.0%	47,628.21	10001.92	99.8%	47,628.21	10001.92	99.8%
8:45 AM	0.00	0.00	0.0%	47,628.61	11907.15	99.8%	44,180.14	11045.03	92.6%
9:00 AM	0.00	0.00	0.0%	47,630.31	11907.58	99.8%	42,960.67	10740.17	90.0%
9:15 AM	0.00	0.00	0.0%	47,011.97	11752.99	98.5%	42,177.67	10544.42	88.4%
9:30 AM	0.00	0.00	0.0%	44,896.02	11224.01	94.1%	40,670.85	10167.71	85.2%
9:45 AM	0.00	0.00	0.0%	42,149.06	10537.27	88.3%	38,692.66	9673.16	81.1%
10:00 AM	0.00	0.00	0.0%	39,064.78	9766.19	81.8%	36,401.01	9100.25	76.3%
10:15 AM	0.00	0.00	0.0%	36,092.40	9023.10	75.6%	34,317.58	8579.40	71.9%
10:30 AM	0.00	0.00	0.0%	33,265.19	8316.30	69.7%	32,685.21	8171.30	68.5%
10:45 AM	0.00	0.00	0.0%	31,175.50	7793.88	65.3%	31,610.70	7902.68	66.2%
11:00 AM	0.00	0.00	0.0%	30,951.89	7737.97	64.8%	30,951.89	7737.97	64.8%
11:15 AM	0.00	0.00	0.0%	31,637.30	7909.32	66.3%	31,637.30	7909.32	66.3%
11:30 AM	0.00	0.00	0.0%	32,058.46	8014.61	67.2%	32,058.46	8014.61	67.2%
11:45 AM	0.00	0.00	0.0%	32,821.85	8205.46	68.8%	32,821.85	8205.46	68.8%
12:00 PM	0.00	0.00	0.0%	31,998.26	7999.56	67.0%	31,998.26	7999.56	67.0%
12:15 PM	0.00	0.00	0.0%	30,925.17	7731.29	64.8%	30,925.17	7731.29	64.8%
12:30 PM	0.00	0.00	0.0%	29,660.70	7415.18	62.1%	29,660.70	7415.18	62.1%
12:45 PM	0.00	0.00	0.0%	29,339.10	7334.78	61.5%	29,339.10	7334.78	61.5%
1:00 PM	0.00	0.00	0.0%	33,545.67	8386.42	70.3%	33,545.67	8386.42	70.3%
1:15 PM	0.00	0.00	0.0%	36,901.01	9225.25	77.3%	36,901.01	9225.25	77.3%
1:30 PM	0.00	0.00	0.0%	39,715.63	9928.91	83.2%	39,715.63	9928.91	83.2%
1:45 PM	0.00	0.00	0.0%	43,360.81	10840.20	90.8%	43,360.81	10840.20	90.8%
2:00 PM	0.00	0.00	0.0%	45,779.10	11444.77	95.9%	45,779.10	11444.77	95.9%
2:15 PM	0.00	0.00	0.0%	44,657.14	11164.28	93.6%	44,657.14	11164.28	93.6%
2:30 PM	0.00	0.00	0.0%	43,441.36	10860.34	91.0%	43,441.36	10860.34	91.0%
2:45 PM	0.00	0.00	0.0%	45,606.27	11401.57	95.5%	45,606.27	11401.57	95.5%
3:00 PM	0.00	0.00	0.0%	46,959.10	11739.78	98.4%	46,959.10	11739.78	98.4%
3:15 PM	0.00	0.00	0.0%	47,625.84	11906.46	99.8%	47,625.84	11906.46	99.8%
3:30 PM	0.00	0.00	0.0%	47,628.60	11907.15	99.8%	47,628.60	11907.15	99.8%
3:45 PM	0.00	0.00	0.0%	47,628.20	10001.92	99.8%	47,628.20	10001.92	99.8%
3:54 PM	424.78	33.98	0.9%	47,203.26	3776.26	98.9%	47,203.26	3776.26	98.9%

APPENDIX 9: SHADOW CALCULATIONS FOR CHANNEL LANE (PROPOSED BY PROJECT)

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	0.00	0.00	0.0%	2,248.20	247.30	23.5%	1,574.03	173.14	16.5%
7:00 AM	0.00	0.00	0.0%	2,760.51	634.92	28.9%	2,760.52	634.92	28.9%
7:15 AM	0.00	0.00	0.0%	2,390.96	597.74	25.0%	2,390.96	597.74	25.0%
7:30 AM	0.00	0.00	0.0%	2,026.50	506.63	21.2%	2,026.53	506.63	21.2%
7:45 AM	0.00	0.00	0.0%	1,644.99	411.25	17.2%	1,644.99	411.25	17.2%
8:00 AM	0.00	0.00	0.0%	1,258.63	314.66	13.2%	1,258.63	314.66	13.2%
8:15 AM	0.00	0.00	0.0%	901.42	225.36	9.4%	901.45	225.36	9.4%
8:30 AM	0.00	0.00	0.0%	566.83	141.71	5.9%	566.83	141.71	5.9%
8:45 AM	0.00	0.00	0.0%	238.61	59.65	2.5%	238.42	59.60	2.5%
9:00 AM	0.00	0.00	0.0%	56.47	14.12	0.6%	55.90	13.97	0.6%
9:15 AM	0.00	0.00	0.0%	347.53	86.88	3.6%	341.90	85.48	3.6%
9:30 AM	0.00	0.00	0.0%	628.20	157.05	6.6%	614.21	153.55	6.4%
9:45 AM	0.00	0.00	0.0%	926.10	231.52	9.7%	900.33	225.08	9.4%
10:00 AM	0.00	0.00	0.0%	1,214.99	303.75	12.7%	1,179.31	294.83	12.3%
10:15 AM	0.00	0.00	0.0%	1,514.10	378.52	15.8%	1,492.31	373.08	15.6%
10:30 AM	0.00	0.00	0.0%	1,770.74	442.69	18.5%	1,800.63	450.16	18.8%
10:45 AM	0.00	0.00	0.0%	2,043.65	510.91	21.4%	2,147.01	536.75	22.5%
11:00 AM	0.00	0.00	0.0%	2,256.38	564.10	23.6%	2,434.16	608.54	25.5%
11:15 AM	0.00	0.00	0.0%	2,503.19	625.80	26.2%	2,760.55	690.14	28.9%
11:30 AM	0.00	0.00	0.0%	2,666.35	666.59	27.9%	2,994.66	748.66	31.3%
11:45 AM	0.00	0.00	0.0%	2,888.28	722.07	30.2%	3,297.64	824.41	34.5%
12:00 PM	0.00	0.00	0.0%	2,993.04	748.26	31.3%	3,466.54	866.64	36.3%
12:15 PM	0.00	0.00	0.0%	3,193.71	798.43	33.4%	3,748.81	937.20	39.2%
12:30 PM	0.00	0.00	0.0%	3,233.57	808.39	33.8%	3,839.15	959.79	40.2%
12:45 PM	0.00	0.00	0.0%	3,405.69	851.42	35.6%	4,088.51	1022.13	42.8%
1:00 PM	0.00	0.00	0.0%	3,381.93	845.48	35.4%	4,099.60	1024.90	42.9%
1:15 PM	0.00	0.00	0.0%	3,454.69	863.67	36.1%	4,218.92	1054.73	44.1%
1:30 PM	0.00	0.00	0.0%	3,286.99	821.75	34.4%	4,039.48	1009.87	42.3%
1:45 PM	0.00	0.00	0.0%	3,283.42	820.86	34.3%	4,059.07	1014.77	42.5%
2:00 PM	0.00	0.00	0.0%	3,082.55	770.64	32.2%	3,840.05	960.01	40.2%
2:15 PM	0.00	0.00	0.0%	2,937.22	734.31	30.7%	3,604.65	901.16	37.7%
2:30 PM	0.00	0.00	0.0%	2,605.29	651.32	27.3%	3,164.63	791.16	33.1%
2:45 PM	0.00	0.00	0.0%	2,375.24	593.81	24.8%	2,852.83	713.21	29.8%
3:00 PM	0.00	0.00	0.0%	2,027.94	506.98	21.2%	2,404.86	601.22	25.2%
3:15 PM	0.00	0.00	0.0%	1,744.83	436.21	18.3%	2,039.58	509.89	21.3%
3:30 PM	0.00	0.00	0.0%	1,380.40	345.10	14.4%	1,587.24	396.81	16.6%
3:45 PM	0.00	0.00	0.0%	1,052.44	263.11	11.0%	1,187.45	296.86	12.4%
4:00 PM	0.00	0.00	0.0%	668.17	167.04	7.0%	737.41	184.35	7.7%
4:15 PM	0.00	0.00	0.0%	309.35	77.34	3.2%	332.37	83.09	3.5%
4:30 PM	0.00	0.00	0.0%	81.26	20.31	0.9%	85.06	21.27	0.9%
4:45 PM	0.00	0.00	0.0%	475.84	118.96	5.0%	483.63	120.91	5.1%
5:00 PM	0.00	0.00	0.0%	880.82	220.20	9.2%	881.60	220.40	9.2%
5:15 PM	0.00	0.00	0.0%	1,247.13	311.78	13.0%	1,247.06	311.77	13.0%
5:30 PM	0.00	0.00	0.0%	1,615.80	403.95	16.9%	1,615.78	403.94	16.9%
5:45 PM	0.00	0.00	0.0%	1,968.45	492.11	20.6%	1,968.44	492.11	20.6%
6:00 PM	0.00	0.00	0.0%	2,324.78	581.19	24.3%	2,324.77	581.19	24.3%
6:15 PM	0.00	0.00	0.0%	2,676.21	669.05	28.0%	2,676.21	669.05	28.0%
6:30 PM	0.00	0.00	0.0%	3,032.61	758.15	31.7%	3,032.60	758.15	31.7%
6:45 PM	0.00	0.00	0.0%	6,270.64	1567.66	65.6%	6,270.64	1567.66	65.6%
7:00 PM	0.00	0.00	0.0%	9,101.48	2275.37	95.2%	9,101.49	2275.37	95.2%
7:15 PM	2,524.98	757.49	26.4%	7,011.35	2103.40	73.3%	7,011.35	2103.40	73.3%
7:36 PM	9,370.46	1686.68	98.0%	165.24	29.74	1.7%	165.24	29.74	1.7%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	0.00	0.00	0.0%	3,063.66	306.37	32.0%	3,063.68	306.37	32.1%
7:00 AM	0.00	0.00	0.0%	2,775.24	610.55	29.0%	2,775.26	610.56	29.0%
7:15 AM	0.00	0.00	0.0%	2,403.77	600.94	25.1%	2,403.76	600.94	25.1%
7:30 AM	0.00	0.00	0.0%	2,038.67	509.67	21.3%	2,038.63	509.66	21.3%
7:45 AM	0.00	0.00	0.0%	1,661.99	415.50	17.4%	1,661.99	415.50	17.4%
8:00 AM	0.00	0.00	0.0%	1,273.40	318.35	13.3%	1,273.41	318.35	13.3%
8:15 AM	0.00	0.00	0.0%	912.71	228.18	9.5%	912.70	228.18	9.5%
8:30 AM	0.00	0.00	0.0%	576.90	144.23	6.0%	576.88	144.22	6.0%
8:45 AM	0.00	0.00	0.0%	246.38	61.59	2.6%	246.31	61.58	2.6%
9:00 AM	0.00	0.00	0.0%	50.76	12.69	0.5%	50.28	12.57	0.5%
9:15 AM	0.00	0.00	0.0%	341.24	85.31	3.6%	336.01	84.00	3.5%
9:30 AM	0.00	0.00	0.0%	622.27	155.57	6.5%	608.94	152.24	6.4%
9:45 AM	0.00	0.00	0.0%	921.73	230.43	9.6%	896.75	224.19	9.4%
10:00 AM	0.00	0.00	0.0%	1,210.08	302.52	12.7%	1,173.78	293.44	12.3%
10:15 AM	0.00	0.00	0.0%	1,512.42	378.10	15.8%	1,486.74	371.68	15.6%
10:30 AM	0.00	0.00	0.0%	1,772.20	443.05	18.5%	1,794.49	448.62	18.8%
10:45 AM	0.00	0.00	0.0%	2,048.62	512.15	21.4%	2,144.88	536.22	22.4%
11:00 AM	0.00	0.00	0.0%	2,265.33	566.33	23.7%	2,436.96	609.24	25.5%
11:15 AM	0.00	0.00	0.0%	2,513.51	628.38	26.3%	2,765.86	691.47	28.9%
11:30 AM	0.00	0.00	0.0%	2,679.86	669.97	28.0%	3,004.26	751.06	31.4%
11:45 AM	0.00	0.00	0.0%	2,905.42	726.35	30.4%	3,311.59	827.90	34.6%
12:00 PM	0.00	0.00	0.0%	3,014.32	753.58	31.5%	3,485.90	871.48	36.5%
12:15 PM	0.00	0.00	0.0%	3,216.77	804.19	33.7%	3,770.93	942.73	39.4%
12:30 PM	0.00	0.00	0.0%	3,260.42	815.11	34.1%	3,866.60	966.65	40.4%
12:45 PM	0.00	0.00	0.0%	3,434.33	858.58	35.9%	4,118.72	1029.68	43.1%
1:00 PM	0.00	0.00	0.0%	3,415.70	853.93	35.7%	4,136.58	1034.14	43.3%
1:15 PM	0.00	0.00	0.0%	3,499.59	874.90	36.6%	4,271.27	1067.82	44.7%
1:30 PM	0.00	0.00	0.0%	3,335.13	833.78	34.9%	4,096.19	1024.05	42.9%
1:45 PM	0.00	0.00	0.0%	3,332.51	833.13	34.9%	4,116.72	1029.18	43.1%
2:00 PM	0.00	0.00	0.0%	3,133.94	783.48	32.8%	3,903.05	975.76	40.8%
2:15 PM	0.00	0.00	0.0%	3,001.56	750.39	31.4%	3,686.87	921.72	38.6%
2:30 PM	0.00	0.00	0.0%	2,668.65	667.16	27.9%	3,244.76	811.19	33.9%
2:45 PM	0.00	0.00	0.0%	2,440.65	610.16	25.5%	2,934.53	733.63	30.7%
3:00 PM	0.00	0.00	0.0%	2,093.68	523.42	21.9%	2,485.62	621.40	26.0%
3:15 PM	0.00	0.00	0.0%	1,812.74	453.18	19.0%	2,121.47	530.37	22.2%
3:30 PM	0.00	0.00	0.0%	1,447.34	361.84	15.1%	1,666.58	416.64	17.4%
3:45 PM	0.00	0.00	0.0%	1,120.66	280.16	11.7%	1,266.48	316.62	13.2%
4:00 PM	0.00	0.00	0.0%	736.24	184.06	7.7%	814.06	203.51	8.5%
4:15 PM	0.00	0.00	0.0%	378.97	94.74	4.0%	407.92	101.98	4.3%
4:30 PM	0.00	0.00	0.0%	9.76	2.44	0.1%	10.17	2.54	0.1%
4:45 PM	0.00	0.00	0.0%	405.04	101.26	4.2%	412.38	103.10	4.3%
5:00 PM	0.00	0.00	0.0%	812.23	203.06	8.5%	813.48	203.37	8.5%
5:15 PM	0.00	0.00	0.0%	1,182.32	295.58	12.4%	1,182.26	295.56	12.4%
5:30 PM	0.00	0.00	0.0%	1,553.19	388.30	16.2%	1,553.15	388.29	16.2%
5:45 PM	0.00	0.00	0.0%	1,906.07	476.52	19.9%	1,906.08	476.52	19.9%
6:00 PM	0.00	0.00	0.0%	2,262.17	565.54	23.7%	2,262.17	565.54	23.7%
6:15 PM	0.00	0.00	0.0%	2,614.85	653.71	27.4%	2,614.85	653.71	27.4%
6:30 PM	0.00	0.00	0.0%	2,972.18	743.05	31.1%	2,972.19	743.05	31.1%
6:45 PM	0.00	0.00	0.0%	6,019.86	1504.97	63.0%	6,019.87	1504.97	63.0%
7:00 PM	0.00	0.00	0.0%	8,975.95	2243.99	93.9%	8,975.95	2243.99	93.9%
7:15 PM	1,797.66	539.30	18.8%	7,737.32	2321.20	80.9%	7,737.32	2321.20	80.9%
7:36 PM	9,449.07	1700.83	98.8%	86.53	15.58	0.9%	86.53	15.58	0.9%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	0.00	0.00	0.0%	2,939.26	176.36	30.7%	2,939.26	176.36	30.7%
7:00 AM	0.00	0.00	0.0%	2,733.35	519.34	28.6%	2,733.35	519.34	28.6%
7:15 AM	0.00	0.00	0.0%	2,361.06	590.27	24.7%	2,361.06	590.26	24.7%
7:30 AM	0.00	0.00	0.0%	1,995.15	498.79	20.9%	1,995.15	498.79	20.9%
7:45 AM	0.00	0.00	0.0%	1,627.19	406.80	17.0%	1,627.24	406.81	17.0%
8:00 AM	0.00	0.00	0.0%	1,236.54	309.14	12.9%	1,236.55	309.14	12.9%
8:15 AM	0.00	0.00	0.0%	872.79	218.20	9.1%	872.81	218.20	9.1%
8:30 AM	0.00	0.00	0.0%	533.59	133.40	5.6%	533.63	133.41	5.6%
8:45 AM	0.00	0.00	0.0%	203.10	50.78	2.1%	203.15	50.79	2.1%
9:00 AM	0.00	0.00	0.0%	94.19	23.55	1.0%	93.44	23.36	1.0%
9:15 AM	0.00	0.00	0.0%	387.53	96.88	4.1%	382.01	95.50	4.0%
9:30 AM	0.00	0.00	0.0%	670.00	167.50	7.0%	656.28	164.07	6.9%
9:45 AM	0.00	0.00	0.0%	972.90	243.23	10.2%	947.42	236.85	9.9%
10:00 AM	0.00	0.00	0.0%	1,264.52	316.13	13.2%	1,226.01	306.50	12.8%
10:15 AM	0.00	0.00	0.0%	1,573.28	393.32	16.5%	1,541.85	385.46	16.1%
10:30 AM	0.00	0.00	0.0%	1,838.46	459.61	19.2%	1,852.00	463.00	19.4%
10:45 AM	0.00	0.00	0.0%	2,119.72	529.93	22.2%	2,210.16	552.54	23.1%
11:00 AM	0.00	0.00	0.0%	2,341.63	585.41	24.5%	2,510.87	627.72	26.3%
11:15 AM	0.00	0.00	0.0%	2,594.59	648.65	27.1%	2,847.54	711.89	29.8%
11:30 AM	0.00	0.00	0.0%	2,766.57	691.64	28.9%	3,094.99	773.75	32.4%
11:45 AM	0.00	0.00	0.0%	2,995.91	748.98	31.3%	3,408.77	852.19	35.7%
12:00 PM	0.00	0.00	0.0%	3,109.83	777.46	32.5%	3,591.15	897.79	37.6%
12:15 PM	0.00	0.00	0.0%	3,315.76	828.94	34.7%	3,882.11	970.53	40.6%
12:30 PM	0.00	0.00	0.0%	3,367.38	841.84	35.2%	3,988.99	997.25	41.7%
12:45 PM	0.00	0.00	0.0%	3,543.63	885.91	37.1%	4,245.75	1061.44	44.4%
1:00 PM	0.00	0.00	0.0%	3,532.76	883.19	37.0%	4,274.90	1068.73	44.7%
1:15 PM	0.00	0.00	0.0%	3,626.17	906.54	37.9%	4,423.67	1105.92	46.3%
1:30 PM	0.00	0.00	0.0%	3,466.47	866.62	36.3%	4,255.31	1063.83	44.5%
1:45 PM	0.00	0.00	0.0%	3,462.44	865.61	36.2%	4,275.06	1068.76	44.7%
2:00 PM	0.00	0.00	0.0%	3,269.46	817.36	34.2%	4,069.81	1017.45	42.6%
2:15 PM	0.00	0.00	0.0%	3,144.42	786.11	32.9%	3,864.44	966.11	40.4%
2:30 PM	0.00	0.00	0.0%	2,809.12	702.28	29.4%	3,417.35	854.34	35.7%
2:45 PM	0.00	0.00	0.0%	2,580.92	645.23	27.0%	3,104.76	776.19	32.5%
3:00 PM	0.00	0.00	0.0%	2,231.18	557.80	23.3%	2,649.92	662.48	27.7%
3:15 PM	0.00	0.00	0.0%	1,949.72	487.43	20.4%	2,282.88	570.72	23.9%
3:30 PM	0.00	0.00	0.0%	1,580.78	395.20	16.5%	1,821.30	455.32	19.1%
3:45 PM	0.00	0.00	0.0%	1,253.67	313.42	13.1%	1,417.49	354.37	14.8%
4:00 PM	0.00	0.00	0.0%	866.45	216.61	9.1%	958.38	239.59	10.0%
4:15 PM	0.00	0.00	0.0%	506.13	126.53	5.3%	545.02	136.26	5.7%
4:30 PM	0.00	0.00	0.0%	108.42	27.10	1.1%	113.07	28.27	1.2%
4:45 PM	0.00	0.00	0.0%	274.40	68.60	2.9%	279.36	69.84	2.9%
5:00 PM	0.00	0.00	0.0%	685.42	171.35	7.2%	686.39	171.60	7.2%
5:15 PM	0.00	0.00	0.0%	1,060.82	265.20	11.1%	1,060.76	265.19	11.1%
5:30 PM	0.00	0.00	0.0%	1,435.17	358.79	15.0%	1,435.17	358.79	15.0%
5:45 PM	0.00	0.00	0.0%	1,790.79	447.70	18.7%	1,790.81	447.70	18.7%
6:00 PM	0.00	0.00	0.0%	2,149.90	537.48	22.5%	2,149.92	537.48	22.5%
6:15 PM	0.00	0.00	0.0%	2,502.41	625.60	26.2%	2,502.41	625.60	26.2%
6:30 PM	0.00	0.00	0.0%	2,861.42	715.36	29.9%	2,861.42	715.36	29.9%
6:45 PM	0.00	0.00	0.0%	6,034.56	1508.64	63.1%	6,034.57	1508.64	63.1%
7:00 PM	0.00	0.00	0.0%	9,006.48	2251.62	94.2%	9,006.52	2251.63	94.2%
7:15 PM	1,501.17	450.35	15.7%	8,034.48	2410.34	84.1%	8,034.48	2410.34	84.1%
7:36 PM	9,430.40	1697.47	98.7%	105.92	19.07	1.1%	105.92	19.07	1.1%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	0.00	0.00	0.0%	2,734.58	82.04	28.6%	2,734.58	82.04	28.6%
7:00 AM	0.00	0.00	0.0%	2,638.62	395.79	27.6%	2,638.62	395.79	27.6%
7:15 AM	0.00	0.00	0.0%	2,265.56	566.39	23.7%	2,265.56	566.39	23.7%
7:30 AM	0.00	0.00	0.0%	1,896.69	474.17	19.8%	1,896.69	474.17	19.8%
7:45 AM	0.00	0.00	0.0%	1,535.58	383.89	16.1%	1,535.58	383.90	16.1%
8:00 AM	0.00	0.00	0.0%	1,147.94	286.99	12.0%	1,147.94	286.99	12.0%
8:15 AM	0.00	0.00	0.0%	780.40	195.10	8.2%	780.37	195.09	8.2%
8:30 AM	0.00	0.00	0.0%	437.89	109.47	4.6%	437.92	109.48	4.6%
8:45 AM	0.00	0.00	0.0%	104.93	26.23	1.1%	104.99	26.25	1.1%
9:00 AM	0.00	0.00	0.0%	188.37	47.09	2.0%	187.28	46.82	2.0%
9:15 AM	0.00	0.00	0.0%	485.05	121.26	5.1%	478.90	119.73	5.0%
9:30 AM	0.00	0.00	0.0%	770.98	192.74	8.1%	756.17	189.04	7.9%
9:45 AM	0.00	0.00	0.0%	1,076.56	269.14	11.3%	1,049.54	262.39	11.0%
10:00 AM	0.00	0.00	0.0%	1,375.88	343.97	14.4%	1,334.05	333.51	14.0%
10:15 AM	0.00	0.00	0.0%	1,692.49	423.12	17.7%	1,653.58	413.40	17.3%
10:30 AM	0.00	0.00	0.0%	1,966.58	491.64	20.6%	1,970.11	492.53	20.6%
10:45 AM	0.00	0.00	0.0%	2,256.77	564.19	23.6%	2,341.56	585.39	24.5%
11:00 AM	0.00	0.00	0.0%	2,485.15	621.29	26.0%	2,654.71	663.68	27.8%
11:15 AM	0.00	0.00	0.0%	2,745.49	686.37	28.7%	3,004.44	751.11	31.4%
11:30 AM	0.00	0.00	0.0%	2,924.24	731.06	30.6%	3,263.85	815.96	34.1%
11:45 AM	0.00	0.00	0.0%	3,159.36	789.84	33.1%	3,588.42	897.11	37.5%
12:00 PM	0.00	0.00	0.0%	3,281.38	820.35	34.3%	3,783.56	945.89	39.6%
12:15 PM	0.00	0.00	0.0%	3,491.94	872.98	36.5%	4,083.39	1020.85	42.7%
12:30 PM	0.00	0.00	0.0%	3,551.69	887.92	37.2%	4,203.26	1050.81	44.0%
12:45 PM	0.00	0.00	0.0%	3,732.83	933.21	39.1%	4,468.79	1117.20	46.7%
1:00 PM	0.00	0.00	0.0%	3,732.72	933.18	39.0%	4,513.81	1128.45	47.2%
1:15 PM	0.00	0.00	0.0%	3,834.86	958.72	40.1%	4,676.22	1169.06	48.9%
1:30 PM	0.00	0.00	0.0%	3,679.13	919.78	38.5%	4,514.85	1128.71	47.2%
1:45 PM	0.00	0.00	0.0%	3,674.19	918.55	38.4%	4,535.01	1133.75	47.4%
2:00 PM	0.00	0.00	0.0%	3,487.53	871.88	36.5%	4,340.05	1085.01	45.4%
2:15 PM	0.00	0.00	0.0%	3,364.53	841.13	35.2%	4,135.89	1033.97	43.3%
2:30 PM	0.00	0.00	0.0%	3,024.85	756.21	31.6%	3,680.60	920.15	38.5%
2:45 PM	0.00	0.00	0.0%	2,793.40	698.35	29.2%	3,360.57	840.14	35.2%
3:00 PM	0.00	0.00	0.0%	2,438.76	609.69	25.5%	2,896.09	724.02	30.3%
3:15 PM	0.00	0.00	0.0%	2,153.77	538.44	22.5%	2,521.19	630.30	26.4%
3:30 PM	0.00	0.00	0.0%	1,779.90	444.98	18.6%	2,050.00	512.50	21.4%
3:45 PM	0.00	0.00	0.0%	1,449.50	362.38	15.2%	1,638.00	409.50	17.1%
4:00 PM	0.00	0.00	0.0%	1,057.11	264.28	11.1%	1,167.97	291.99	12.2%
4:15 PM	0.00	0.00	0.0%	692.69	173.17	7.2%	744.79	186.20	7.8%
4:30 PM	0.00	0.00	0.0%	289.07	72.27	3.0%	300.40	75.10	3.1%
4:45 PM	0.00	0.00	0.0%	86.49	21.62	0.9%	87.83	21.96	0.9%
5:00 PM	0.00	0.00	0.0%	505.12	126.28	5.3%	505.56	126.39	5.3%
5:15 PM	0.00	0.00	0.0%	884.81	221.20	9.3%	884.74	221.19	9.3%
5:30 PM	0.00	0.00	0.0%	1,265.19	316.30	13.2%	1,265.19	316.30	13.2%
5:45 PM	0.00	0.00	0.0%	1,626.19	406.55	17.0%	1,626.17	406.54	17.0%
6:00 PM	0.00	0.00	0.0%	1,988.05	497.01	20.8%	1,988.05	497.01	20.8%
6:15 PM	0.00	0.00	0.0%	2,344.15	586.04	24.5%	2,344.15	586.04	24.5%
6:30 PM	0.00	0.00	0.0%	2,806.12	701.53	29.4%	2,806.11	701.53	29.4%
6:45 PM	0.00	0.00	0.0%	6,328.99	1582.25	66.2%	6,328.99	1582.25	66.2%
7:00 PM	0.00	0.00	0.0%	9,214.57	2303.64	96.4%	9,214.58	2303.64	96.4%
7:15 PM	1,540.06	431.22	16.1%	7,994.86	2238.56	83.6%	7,994.86	2238.56	83.6%
7:33 PM	8,821.94	1323.29	92.3%	713.72	107.06	7.5%	713.72	107.06	7.5%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	0.00	0.00	0.0%	2,455.33	319.19	25.7%	2,455.33	319.19	25.7%
7:16 AM	0.00	0.00	0.0%	2,081.87	499.65	21.8%	2,081.87	499.65	21.8%
7:30 AM	0.00	0.00	0.0%	1,741.78	418.03	18.2%	1,741.78	418.03	18.2%
7:45 AM	0.00	0.00	0.0%	1,381.83	345.46	14.5%	1,381.84	345.46	14.5%
8:00 AM	0.00	0.00	0.0%	1,004.15	251.04	10.5%	1,004.15	251.04	10.5%
8:15 AM	0.00	0.00	0.0%	631.94	157.99	6.6%	631.95	157.99	6.6%
8:30 AM	0.00	0.00	0.0%	286.10	71.53	3.0%	286.10	71.53	3.0%
8:45 AM	0.00	0.00	0.0%	39.06	9.76	0.4%	39.08	9.77	0.4%
9:00 AM	0.00	0.00	0.0%	336.00	84.00	3.5%	334.69	83.67	3.5%
9:15 AM	0.00	0.00	0.0%	635.89	158.97	6.7%	628.91	157.23	6.6%
9:30 AM	0.00	0.00	0.0%	926.19	231.55	9.7%	909.78	227.44	9.5%
9:45 AM	0.00	0.00	0.0%	1,238.06	309.51	13.0%	1,208.53	302.13	12.6%
10:00 AM	0.00	0.00	0.0%	1,544.25	386.06	16.2%	1,498.53	374.63	15.7%
10:15 AM	0.00	0.00	0.0%	1,874.85	468.71	19.6%	1,826.79	456.70	19.1%
10:30 AM	0.00	0.00	0.0%	2,159.15	539.79	22.6%	2,151.44	537.86	22.5%
10:45 AM	0.00	0.00	0.0%	2,459.94	614.98	25.7%	2,539.19	634.80	26.6%
11:00 AM	0.00	0.00	0.0%	2,697.88	674.47	28.2%	2,870.83	717.71	30.0%
11:15 AM	0.00	0.00	0.0%	2,967.79	741.95	31.0%	3,238.33	809.58	33.9%
11:30 AM	0.00	0.00	0.0%	3,154.15	788.54	33.0%	3,512.95	878.24	36.8%
11:45 AM	0.00	0.00	0.0%	3,398.24	849.56	35.6%	3,853.52	963.38	40.3%
12:00 PM	0.00	0.00	0.0%	3,528.24	882.06	36.9%	4,063.19	1015.80	42.5%
12:15 PM	0.00	0.00	0.0%	3,746.76	936.69	39.2%	4,376.88	1094.22	45.8%
12:30 PM	0.00	0.00	0.0%	3,816.08	954.02	39.9%	4,512.85	1128.21	47.2%
12:45 PM	0.00	0.00	0.0%	4,002.80	1000.70	41.9%	4,789.30	1197.32	50.1%
1:00 PM	0.00	0.00	0.0%	4,015.04	1003.76	42.0%	4,853.53	1213.38	50.8%
1:15 PM	0.00	0.00	0.0%	4,122.36	1030.59	43.1%	5,026.13	1256.53	52.6%
1:30 PM	0.00	0.00	0.0%	3,971.51	992.88	41.5%	4,873.24	1218.31	51.0%
1:45 PM	0.00	0.00	0.0%	3,966.19	991.55	41.5%	4,895.26	1223.82	51.2%
2:00 PM	0.00	0.00	0.0%	3,786.40	946.60	39.6%	4,712.15	1178.04	49.3%
2:15 PM	0.00	0.00	0.0%	3,656.97	914.24	38.3%	4,494.36	1123.59	47.0%
2:30 PM	0.00	0.00	0.0%	3,310.94	827.74	34.6%	4,027.14	1006.78	42.1%
2:45 PM	0.00	0.00	0.0%	3,073.60	768.40	32.2%	3,695.38	923.85	38.7%
3:00 PM	0.00	0.00	0.0%	2,710.36	677.59	28.4%	3,216.13	804.03	33.6%
3:15 PM	0.00	0.00	0.0%	2,419.64	604.91	25.3%	2,829.42	707.35	29.6%
3:30 PM	0.00	0.00	0.0%	2,037.65	509.41	21.3%	2,343.38	585.84	24.5%
3:45 PM	0.00	0.00	0.0%	1,701.47	425.37	17.8%	1,919.04	479.76	20.1%
4:00 PM	0.00	0.00	0.0%	1,300.43	325.11	13.6%	1,432.97	358.24	15.0%
4:15 PM	0.00	0.00	0.0%	930.28	232.57	9.7%	996.21	249.05	10.4%
4:30 PM	0.00	0.00	0.0%	517.92	129.48	5.4%	535.59	133.90	5.6%
4:45 PM	0.00	0.00	0.0%	132.22	33.06	1.4%	133.29	33.32	1.4%
5:00 PM	0.00	0.00	0.0%	276.99	69.25	2.9%	276.95	69.24	2.9%
5:15 PM	0.00	0.00	0.0%	666.22	166.56	7.0%	666.19	166.55	7.0%
5:30 PM	0.00	0.00	0.0%	1,054.42	263.60	11.0%	1,054.38	263.60	11.0%
5:45 PM	0.00	0.00	0.0%	1,418.60	354.65	14.8%	1,418.61	354.65	14.8%
6:00 PM	0.00	0.00	0.0%	1,788.51	447.13	18.7%	1,788.54	447.14	18.7%
6:15 PM	0.00	0.00	0.0%	2,146.85	536.71	22.5%	2,146.85	536.71	22.5%
6:30 PM	0.00	0.00	0.0%	3,324.26	831.06	34.8%	3,324.25	831.06	34.8%
6:45 PM	0.00	0.00	0.0%	6,957.35	1739.34	72.8%	6,957.35	1739.34	72.8%
7:00 PM	0.00	0.00	0.0%	9,535.95	2383.99	99.8%	9,535.97	2383.99	99.8%
7:15 PM	1,525.15	381.29	16.0%	8,011.18	2002.80	83.8%	8,011.18	2002.80	83.8%
7:30 PM	7,003.33	910.43	73.3%	2,532.33	329.20	26.5%	2,532.33	329.20	26.5%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	0.00	0.00	0.0%	2,111.15	126.67	22.1%	2,111.15	126.67	22.1%
7:15 AM	0.00	0.00	0.0%	1,914.44	363.74	20.0%	1,914.47	363.75	20.0%
7:30 AM	0.00	0.00	0.0%	1,538.33	384.58	16.1%	1,538.33	384.58	16.1%
7:45 AM	0.00	0.00	0.0%	1,175.27	293.82	12.3%	1,175.31	293.83	12.3%
8:00 AM	0.00	0.00	0.0%	805.93	201.48	8.4%	805.94	201.48	8.4%
8:15 AM	0.00	0.00	0.0%	431.74	107.93	4.5%	431.74	107.93	4.5%
8:30 AM	0.00	0.00	0.0%	84.08	21.02	0.9%	84.07	21.02	0.9%
8:45 AM	0.00	0.00	0.0%	231.99	58.00	2.4%	231.96	57.99	2.4%
9:00 AM	0.00	0.00	0.0%	530.60	132.65	5.6%	529.71	132.43	5.5%
9:15 AM	0.00	0.00	0.0%	836.03	209.01	8.7%	828.36	207.09	8.7%
9:30 AM	0.00	0.00	0.0%	1,132.13	283.03	11.8%	1,113.91	278.48	11.7%
9:45 AM	0.00	0.00	0.0%	1,451.25	362.81	15.2%	1,418.67	354.67	14.8%
10:00 AM	0.00	0.00	0.0%	1,765.15	441.29	18.5%	1,715.06	428.76	17.9%
10:15 AM	0.00	0.00	0.0%	2,112.40	528.10	22.1%	2,053.44	513.36	21.5%
10:30 AM	0.00	0.00	0.0%	2,411.02	602.76	25.2%	2,389.67	597.42	25.0%
10:45 AM	0.00	0.00	0.0%	2,727.13	681.78	28.5%	2,798.85	699.71	29.3%
11:00 AM	0.00	0.00	0.0%	2,976.56	744.14	31.1%	3,154.18	788.55	33.0%
11:15 AM	0.00	0.00	0.0%	3,258.53	814.63	34.1%	3,544.83	886.21	37.1%
11:30 AM	0.00	0.00	0.0%	3,454.90	863.73	36.1%	3,839.62	959.90	40.2%
11:45 AM	0.00	0.00	0.0%	3,710.11	927.53	38.8%	4,200.53	1050.13	43.9%
12:00 PM	0.00	0.00	0.0%	3,849.52	962.38	40.3%	4,428.11	1107.03	46.3%
12:15 PM	0.00	0.00	0.0%	4,076.10	1019.03	42.6%	4,757.76	1189.44	49.8%
12:30 PM	0.00	0.00	0.0%	4,158.35	1039.59	43.5%	4,915.07	1228.77	51.4%
12:45 PM	0.00	0.00	0.0%	4,352.42	1088.10	45.5%	5,206.04	1301.51	54.5%
1:00 PM	0.00	0.00	0.0%	4,380.38	1095.09	45.8%	5,294.50	1323.63	55.4%
1:15 PM	0.00	0.00	0.0%	4,491.75	1122.94	47.0%	5,476.25	1369.06	57.3%
1:30 PM	0.00	0.00	0.0%	4,343.41	1085.85	45.4%	5,330.11	1332.53	55.8%
1:45 PM	0.00	0.00	0.0%	4,337.33	1084.33	45.4%	5,354.89	1338.72	56.0%
2:00 PM	0.00	0.00	0.0%	4,164.18	1041.05	43.6%	5,184.50	1296.13	54.2%
2:15 PM	0.00	0.00	0.0%	4,021.69	1005.42	42.1%	4,939.47	1234.87	51.7%
2:30 PM	0.00	0.00	0.0%	3,667.16	916.79	38.4%	4,456.23	1114.06	46.6%
2:45 PM	0.00	0.00	0.0%	3,418.68	854.67	35.8%	4,105.68	1026.42	43.0%
3:00 PM	0.00	0.00	0.0%	3,046.01	761.50	31.9%	3,609.24	902.31	37.8%
3:15 PM	0.00	0.00	0.0%	2,746.12	686.53	28.7%	3,205.67	801.42	33.5%
3:30 PM	0.00	0.00	0.0%	2,353.25	588.31	24.6%	2,699.81	674.95	28.2%
3:45 PM	0.00	0.00	0.0%	2,008.22	502.05	21.0%	2,257.41	564.35	23.6%
4:00 PM	0.00	0.00	0.0%	1,595.75	398.94	16.7%	1,750.82	437.70	18.3%
4:15 PM	0.00	0.00	0.0%	1,215.15	303.79	12.7%	1,293.43	323.36	13.5%
4:30 PM	0.00	0.00	0.0%	790.97	197.74	8.3%	812.81	203.20	8.5%
4:45 PM	0.00	0.00	0.0%	395.17	98.79	4.1%	397.00	99.25	4.2%
5:00 PM	0.00	0.00	0.0%	7.72	1.93	0.1%	7.56	1.89	0.1%
5:15 PM	0.00	0.00	0.0%	405.13	101.28	4.2%	405.08	101.27	4.2%
5:30 PM	0.00	0.00	0.0%	803.98	200.99	8.4%	803.98	200.99	8.4%
5:45 PM	0.00	0.00	0.0%	1,176.78	294.19	12.3%	1,176.78	294.19	12.3%
6:00 PM	0.00	0.00	0.0%	1,550.37	387.59	16.2%	1,550.37	387.59	16.2%
6:15 PM	0.00	0.00	0.0%	1,913.97	478.49	20.0%	1,913.99	478.50	20.0%
6:30 PM	0.00	0.00	0.0%	4,117.78	1029.45	43.1%	4,117.78	1029.44	43.1%
6:45 PM	0.00	0.00	0.0%	7,816.19	1954.05	81.8%	7,816.16	1954.04	81.8%
7:00 PM	0.00	0.00	0.0%	9,535.60	2383.90	99.8%	9,535.60	2383.90	99.8%
7:15 PM	971.33	203.98	10.2%	8,563.60	1798.36	89.6%	8,563.60	1798.36	89.6%
7:25 PM	3,341.81	300.76	35.0%	6,193.76	557.44	64.8%	6,193.76	557.44	64.8%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	0.00	0.00	0.0%	1,708.35	34.17	17.9%	1,708.35	34.17	17.9%
7:15 AM	0.00	0.00	0.0%	1,648.22	247.23	17.2%	1,648.22	247.23	17.2%
7:30 AM	0.00	0.00	0.0%	1,282.91	320.73	13.4%	1,282.90	320.73	13.4%
7:45 AM	0.00	0.00	0.0%	916.00	229.00	9.6%	916.01	229.00	9.6%
8:00 AM	0.00	0.00	0.0%	549.48	137.37	5.7%	549.50	137.38	5.7%
8:15 AM	0.00	0.00	0.0%	176.54	44.14	1.8%	176.55	44.14	1.8%
8:30 AM	0.00	0.00	0.0%	153.49	38.37	1.6%	153.51	38.38	1.6%
8:45 AM	0.00	0.00	0.0%	472.91	118.23	4.9%	472.94	118.23	4.9%
9:00 AM	0.00	0.00	0.0%	777.46	194.36	8.1%	777.30	194.32	8.1%
9:15 AM	0.00	0.00	0.0%	1,088.08	272.02	11.4%	1,080.13	270.03	11.3%
9:30 AM	0.00	0.00	0.0%	1,389.83	347.46	14.5%	1,369.76	342.44	14.3%
9:45 AM	0.00	0.00	0.0%	1,718.73	429.68	18.0%	1,682.63	420.66	17.6%
10:00 AM	0.00	0.00	0.0%	2,043.85	510.96	21.4%	1,987.97	496.99	20.8%
10:15 AM	0.00	0.00	0.0%	2,409.84	602.46	25.2%	2,338.94	584.73	24.5%
10:30 AM	0.00	0.00	0.0%	2,727.58	681.90	28.5%	2,690.99	672.75	28.2%
10:45 AM	0.00	0.00	0.0%	3,060.72	765.18	32.0%	3,123.68	780.92	32.7%
11:00 AM	0.00	0.00	0.0%	3,323.37	830.84	34.8%	3,507.91	876.98	36.7%
11:15 AM	0.00	0.00	0.0%	3,621.35	905.34	37.9%	3,928.53	982.13	41.1%
11:30 AM	0.00	0.00	0.0%	3,828.75	957.19	40.1%	4,247.22	1061.81	44.4%
11:45 AM	0.00	0.00	0.0%	4,096.15	1024.04	42.9%	4,631.83	1157.96	48.5%
12:00 PM	0.00	0.00	0.0%	4,247.27	1061.82	44.4%	4,881.78	1220.44	51.1%
12:15 PM	0.00	0.00	0.0%	4,484.36	1121.09	46.9%	5,231.69	1307.92	54.7%
12:30 PM	0.00	0.00	0.0%	4,580.50	1145.13	47.9%	5,413.22	1353.31	56.6%
12:45 PM	0.00	0.00	0.0%	4,783.76	1195.94	50.0%	5,722.09	1430.52	59.9%
1:00 PM	0.00	0.00	0.0%	4,827.57	1206.89	50.5%	5,836.85	1459.21	61.1%
1:15 PM	0.00	0.00	0.0%	4,937.85	1234.46	51.7%	6,021.64	1505.41	63.0%
1:30 PM	0.00	0.00	0.0%	4,793.02	1198.26	50.1%	5,884.15	1471.04	61.6%
1:45 PM	0.00	0.00	0.0%	4,786.38	1196.60	50.1%	5,913.45	1478.36	61.9%
2:00 PM	0.00	0.00	0.0%	4,621.08	1155.27	48.3%	5,756.29	1439.07	60.2%
2:15 PM	0.00	0.00	0.0%	4,450.83	1112.71	46.6%	5,459.99	1365.00	57.1%
2:30 PM	0.00	0.00	0.0%	4,085.39	1021.35	42.7%	4,956.63	1239.16	51.9%
2:45 PM	0.00	0.00	0.0%	3,822.44	955.61	40.0%	4,581.68	1145.42	47.9%
3:00 PM	0.00	0.00	0.0%	3,436.33	859.08	35.9%	4,062.24	1015.56	42.5%
3:15 PM	0.00	0.00	0.0%	3,123.95	780.99	32.7%	3,636.03	909.01	38.0%
3:30 PM	0.00	0.00	0.0%	2,716.94	679.24	28.4%	3,105.22	776.31	32.5%
3:45 PM	0.00	0.00	0.0%	2,359.15	589.79	24.7%	2,638.63	659.66	27.6%
4:00 PM	0.00	0.00	0.0%	1,931.83	482.96	20.2%	2,105.06	526.26	22.0%
4:15 PM	0.00	0.00	0.0%	1,537.53	384.38	16.1%	1,621.51	405.38	17.0%
4:30 PM	0.00	0.00	0.0%	1,097.45	274.36	11.5%	1,118.66	279.66	11.7%
4:45 PM	0.00	0.00	0.0%	686.90	171.72	7.2%	687.84	171.96	7.2%
5:00 PM	0.00	0.00	0.0%	262.84	65.71	2.7%	262.84	65.71	2.7%
5:15 PM	0.00	0.00	0.0%	118.70	29.68	1.2%	118.66	29.66	1.2%
5:30 PM	0.00	0.00	0.0%	527.33	131.83	5.5%	527.31	131.83	5.5%
5:45 PM	0.00	0.00	0.0%	907.06	226.76	9.5%	907.06	226.76	9.5%
6:00 PM	0.00	0.00	0.0%	1,288.64	322.16	13.5%	1,288.67	322.17	13.5%
6:15 PM	0.00	0.00	0.0%	1,656.55	414.14	17.3%	1,656.53	414.13	17.3%
6:30 PM	0.00	0.00	0.0%	5,315.77	1328.94	55.6%	5,315.77	1328.94	55.6%
6:45 PM	0.00	0.00	0.0%	8,927.10	2231.78	93.4%	8,927.10	2231.78	93.4%
7:00 PM	0.00	0.00	0.0%	9,535.62	2383.90	99.8%	9,535.62	2383.90	99.8%
7:15 PM	90.03	13.50	0.9%	9,446.28	1416.94	98.8%	9,446.28	1416.94	98.8%
7:18 PM	355.42	10.66	3.7%	9,179.49	275.38	96.0%	9,179.49	275.38	96.0%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	0.00	0.00	0.0%	1,255.85	113.03	13.1%	1,255.85	113.03	13.1%
7:30 AM	0.00	0.00	0.0%	982.56	206.34	10.3%	982.56	206.34	10.3%
7:45 AM	0.00	0.00	0.0%	611.17	152.79	6.4%	611.17	152.79	6.4%
8:00 AM	0.00	0.00	0.0%	243.29	60.82	2.5%	243.31	60.83	2.5%
8:15 AM	0.00	0.00	0.0%	113.51	28.38	1.2%	113.49	28.37	1.2%
8:30 AM	0.00	0.00	0.0%	439.48	109.87	4.6%	439.48	109.87	4.6%
8:45 AM	0.00	0.00	0.0%	760.99	190.25	8.0%	761.01	190.25	8.0%
9:00 AM	0.00	0.00	0.0%	1,070.95	267.74	11.2%	1,070.96	267.74	11.2%
9:15 AM	0.00	0.00	0.0%	1,387.17	346.79	14.5%	1,380.03	345.01	14.4%
9:30 AM	0.00	0.00	0.0%	1,695.71	423.93	17.7%	1,674.15	418.54	17.5%
9:45 AM	0.00	0.00	0.0%	2,036.15	509.04	21.3%	1,996.44	499.11	20.9%
10:00 AM	0.00	0.00	0.0%	2,371.71	592.93	24.8%	2,310.37	577.59	24.2%
10:15 AM	0.00	0.00	0.0%	2,761.18	690.30	28.9%	2,677.76	669.44	28.0%
10:30 AM	0.00	0.00	0.0%	3,101.26	775.31	32.4%	3,047.03	761.76	31.9%
10:45 AM	0.00	0.00	0.0%	3,456.49	864.12	36.2%	3,507.36	876.84	36.7%
11:00 AM	0.00	0.00	0.0%	3,736.19	934.05	39.1%	3,928.00	982.00	41.1%
11:15 AM	0.00	0.00	0.0%	4,051.22	1012.81	42.4%	4,382.77	1095.69	45.8%
11:30 AM	0.00	0.00	0.0%	4,272.88	1068.22	44.7%	4,731.55	1182.89	49.5%
11:45 AM	0.00	0.00	0.0%	4,553.97	1138.49	47.6%	5,144.06	1286.01	53.8%
12:00 PM	0.00	0.00	0.0%	4,719.63	1179.91	49.4%	5,421.35	1355.34	56.7%
12:15 PM	0.00	0.00	0.0%	4,970.06	1242.52	52.0%	5,796.70	1449.18	60.6%
12:30 PM	0.00	0.00	0.0%	5,082.07	1270.52	53.2%	6,006.30	1501.57	62.8%
12:45 PM	0.00	0.00	0.0%	5,296.38	1324.09	55.4%	6,337.31	1584.33	66.3%
1:00 PM	0.00	0.00	0.0%	5,358.99	1339.75	56.1%	6,482.97	1620.74	67.8%
1:15 PM	0.00	0.00	0.0%	5,464.31	1366.08	57.2%	6,666.03	1666.51	69.7%
1:30 PM	0.00	0.00	0.0%	5,319.67	1329.92	55.7%	6,534.14	1633.53	68.4%
1:45 PM	0.00	0.00	0.0%	5,313.44	1328.36	55.6%	6,571.45	1642.86	68.7%
2:00 PM	0.00	0.00	0.0%	5,156.13	1289.03	53.9%	6,405.35	1601.34	67.0%
2:15 PM	0.00	0.00	0.0%	4,944.12	1236.03	51.7%	6,054.86	1513.72	63.3%
2:30 PM	0.00	0.00	0.0%	4,563.04	1140.76	47.7%	5,524.80	1381.20	57.8%
2:45 PM	0.00	0.00	0.0%	4,283.16	1070.79	44.8%	5,121.02	1280.26	53.6%
3:00 PM	0.00	0.00	0.0%	3,880.29	970.07	40.6%	4,572.92	1143.23	47.8%
3:15 PM	0.00	0.00	0.0%	3,551.71	887.93	37.2%	4,117.22	1029.31	43.1%
3:30 PM	0.00	0.00	0.0%	3,127.28	781.82	32.7%	3,555.08	888.77	37.2%
3:45 PM	0.00	0.00	0.0%	2,752.86	688.22	28.8%	3,057.53	764.38	32.0%
4:00 PM	0.00	0.00	0.0%	2,306.31	576.58	24.1%	2,490.06	622.52	26.0%
4:15 PM	0.00	0.00	0.0%	1,894.36	473.59	19.8%	1,972.60	493.15	20.6%
4:30 PM	0.00	0.00	0.0%	1,433.33	358.33	15.0%	1,448.95	362.24	15.2%
4:45 PM	0.00	0.00	0.0%	1,001.28	250.32	10.5%	1,001.29	250.32	10.5%
5:00 PM	0.00	0.00	0.0%	562.94	140.73	5.9%	562.91	140.73	5.9%
5:15 PM	0.00	0.00	0.0%	170.79	42.70	1.8%	170.79	42.70	1.8%
5:30 PM	0.00	0.00	0.0%	227.35	56.84	2.4%	227.33	56.83	2.4%
5:45 PM	0.00	0.00	0.0%	615.57	153.89	6.4%	615.57	153.89	6.4%
6:00 PM	0.00	0.00	0.0%	1,004.69	251.17	10.5%	1,004.69	251.17	10.5%
6:15 PM	0.00	0.00	0.0%	2,282.89	570.72	23.9%	2,282.89	570.72	23.9%
6:30 PM	0.00	0.00	0.0%	6,742.28	1685.57	70.5%	6,742.28	1685.57	70.5%
6:45 PM	0.00	0.00	0.0%	9,535.58	3242.10	99.8%	9,535.58	3242.10	99.8%
7:10 PM	0.00	0.00	0.0%	9,536.31	2002.63	99.8%	9,536.31	2002.63	99.8%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	0.00	0.00	0.0%	760.97	30.44	8.0%	760.95	30.44	8.0%
7:30 AM	0.00	0.00	0.0%	645.88	109.80	6.8%	645.88	109.80	6.8%
7:45 AM	0.00	0.00	0.0%	270.95	67.74	2.8%	270.95	67.74	2.8%
8:00 AM	0.00	0.00	0.0%	87.53	21.88	0.9%	87.53	21.88	0.9%
8:15 AM	0.00	0.00	0.0%	439.88	109.97	4.6%	439.88	109.97	4.6%
8:30 AM	0.00	0.00	0.0%	766.11	191.53	8.0%	766.12	191.53	8.0%
8:45 AM	0.00	0.00	0.0%	1,090.40	272.60	11.4%	1,090.41	272.60	11.4%
9:00 AM	0.00	0.00	0.0%	1,404.33	351.08	14.7%	1,404.34	351.09	14.7%
9:15 AM	0.00	0.00	0.0%	1,729.05	432.26	18.1%	1,724.10	431.02	18.0%
9:30 AM	0.00	0.00	0.0%	2,045.47	511.37	21.4%	2,023.46	505.86	21.2%
9:45 AM	0.00	0.00	0.0%	2,396.22	599.06	25.1%	2,353.48	588.37	24.6%
10:00 AM	0.00	0.00	0.0%	2,746.22	686.56	28.7%	2,679.04	669.76	28.0%
10:15 AM	0.00	0.00	0.0%	3,159.08	789.77	33.0%	3,063.38	765.85	32.0%
10:30 AM	0.00	0.00	0.0%	3,527.58	881.90	36.9%	3,453.08	863.27	36.1%
10:45 AM	0.00	0.00	0.0%	3,910.28	977.57	40.9%	3,944.26	986.06	41.3%
11:00 AM	0.00	0.00	0.0%	4,210.96	1052.74	44.1%	4,409.07	1102.27	46.1%
11:15 AM	0.00	0.00	0.0%	4,546.68	1136.67	47.6%	4,905.77	1226.44	51.3%
11:30 AM	0.00	0.00	0.0%	4,785.51	1196.38	50.1%	5,290.76	1322.69	55.3%
11:45 AM	0.00	0.00	0.0%	5,082.95	1270.74	53.2%	5,736.53	1434.13	60.0%
12:00 PM	0.00	0.00	0.0%	5,266.01	1316.50	55.1%	6,046.49	1511.62	63.3%
12:15 PM	0.00	0.00	0.0%	5,530.20	1382.55	57.9%	6,450.28	1612.57	67.5%
12:30 PM	0.00	0.00	0.0%	5,660.53	1415.13	59.2%	6,692.38	1673.10	70.0%
12:45 PM	0.00	0.00	0.0%	5,891.11	1472.78	61.6%	7,052.95	1763.24	73.8%
1:00 PM	0.00	0.00	0.0%	5,975.53	1493.88	62.5%	7,234.47	1808.62	75.7%
1:15 PM	0.00	0.00	0.0%	6,065.63	1516.41	63.5%	7,404.36	1851.09	77.5%
1:30 PM	0.00	0.00	0.0%	5,923.61	1480.90	62.0%	7,281.79	1820.45	76.2%
1:45 PM	0.00	0.00	0.0%	5,922.41	1480.60	62.0%	7,334.26	1833.56	76.7%
2:00 PM	0.00	0.00	0.0%	5,757.69	1439.42	60.2%	7,113.60	1778.40	74.4%
2:15 PM	0.00	0.00	0.0%	5,500.17	1375.04	57.5%	6,721.97	1680.49	70.3%
2:30 PM	0.00	0.00	0.0%	5,100.76	1275.19	53.4%	6,160.33	1540.08	64.4%
2:45 PM	0.00	0.00	0.0%	4,798.34	1199.59	50.2%	5,719.28	1429.82	59.8%
3:00 PM	0.00	0.00	0.0%	4,376.65	1094.16	45.8%	5,137.09	1284.27	53.7%
3:15 PM	0.00	0.00	0.0%	4,027.19	1006.80	42.1%	4,644.04	1161.01	48.6%
3:30 PM	0.00	0.00	0.0%	3,582.65	895.66	37.5%	4,044.88	1011.22	42.3%
3:45 PM	0.00	0.00	0.0%	3,185.83	796.46	33.3%	3,506.91	876.73	36.7%
4:00 PM	0.00	0.00	0.0%	2,715.37	678.84	28.4%	2,896.31	724.08	30.3%
4:15 PM	0.00	0.00	0.0%	2,278.33	569.58	23.8%	2,340.87	585.22	24.5%
4:30 PM	0.00	0.00	0.0%	1,790.09	447.52	18.7%	1,796.90	449.23	18.8%
4:45 PM	0.00	0.00	0.0%	1,333.90	333.47	14.0%	1,333.87	333.47	14.0%
5:00 PM	0.00	0.00	0.0%	879.90	219.98	9.2%	879.92	219.98	9.2%
5:15 PM	0.00	0.00	0.0%	475.98	118.99	5.0%	475.97	118.99	5.0%
5:30 PM	0.00	0.00	0.0%	76.87	19.22	0.8%	76.87	19.22	0.8%
5:45 PM	0.00	0.00	0.0%	307.36	76.84	3.2%	307.41	76.85	3.2%
6:00 PM	0.00	0.00	0.0%	710.49	177.62	7.4%	710.48	177.62	7.4%
6:15 PM	0.00	0.00	0.0%	2,759.01	689.75	28.9%	2,759.01	689.75	28.9%
6:30 PM	0.00	0.00	0.0%	7,790.81	1947.70	81.5%	7,790.81	1947.70	81.5%
6:45 PM	0.00	0.00	0.0%	9,535.00	2574.45	99.7%	9,535.00	2574.45	99.7%
7:02 PM	14.63	2.05	0.2%	9,521.09	1332.95	99.6%	9,521.09	1332.95	99.6%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	0.00	0.00	0.0%	230.26	25.33	2.4%	230.26	25.33	2.4%
7:45 AM	0.00	0.00	0.0%	91.06	20.94	1.0%	91.06	20.94	1.0%
8:00 AM	0.00	0.00	0.0%	446.35	111.59	4.7%	446.35	111.59	4.7%
8:15 AM	0.00	0.00	0.0%	809.67	202.42	8.5%	809.69	202.42	8.5%
8:30 AM	0.00	0.00	0.0%	1,141.26	285.31	11.9%	1,141.26	285.31	11.9%
8:45 AM	0.00	0.00	0.0%	1,465.57	366.39	15.3%	1,465.58	366.40	15.3%
9:00 AM	0.00	0.00	0.0%	1,782.40	445.60	18.6%	1,782.41	445.60	18.6%
9:15 AM	0.00	0.00	0.0%	2,118.38	529.60	22.2%	2,116.78	529.20	22.1%
9:30 AM	0.00	0.00	0.0%	2,442.10	610.52	25.5%	2,420.47	605.12	25.3%
9:45 AM	0.00	0.00	0.0%	2,807.35	701.84	29.4%	2,761.76	690.44	28.9%
10:00 AM	0.00	0.00	0.0%	3,172.63	793.16	33.2%	3,099.26	774.81	32.4%
10:15 AM	0.00	0.00	0.0%	3,608.91	902.23	37.8%	3,502.24	875.56	36.6%
10:30 AM	0.00	0.00	0.0%	4,013.92	1003.48	42.0%	3,918.16	979.54	41.0%
10:45 AM	0.00	0.00	0.0%	4,427.14	1106.78	46.3%	4,444.84	1111.21	46.5%
11:00 AM	0.00	0.00	0.0%	4,753.30	1188.32	49.7%	4,931.97	1232.99	51.6%
11:15 AM	0.00	0.00	0.0%	5,111.83	1277.96	53.5%	5,421.53	1355.38	56.7%
11:30 AM	0.00	0.00	0.0%	5,369.34	1342.34	56.2%	5,819.44	1454.86	60.9%
11:45 AM	0.00	0.00	0.0%	5,687.63	1421.91	59.5%	6,240.03	1560.01	65.3%
12:00 PM	0.00	0.00	0.0%	5,888.40	1472.10	61.6%	6,587.48	1646.87	68.9%
12:15 PM	0.00	0.00	0.0%	6,171.65	1542.91	64.6%	6,965.81	1741.45	72.9%
12:30 PM	0.00	0.00	0.0%	6,322.79	1580.70	66.1%	7,289.41	1822.35	76.3%
12:45 PM	0.00	0.00	0.0%	6,571.52	1642.88	68.7%	7,643.59	1910.90	80.0%
1:00 PM	0.00	0.00	0.0%	6,680.42	1670.11	69.9%	7,966.94	1991.73	83.3%
1:15 PM	0.00	0.00	0.0%	6,744.81	1686.20	70.6%	8,117.84	2029.46	84.9%
1:30 PM	0.00	0.00	0.0%	6,608.47	1652.12	69.1%	8,126.85	2031.71	85.0%
1:45 PM	0.00	0.00	0.0%	6,607.52	1651.88	69.1%	8,199.29	2049.82	85.8%
2:00 PM	0.00	0.00	0.0%	6,396.99	1599.25	66.9%	7,882.17	1970.54	82.5%
2:15 PM	0.00	0.00	0.0%	6,108.66	1527.16	63.9%	7,445.53	1861.38	77.9%
2:30 PM	0.00	0.00	0.0%	5,685.52	1421.38	59.5%	6,844.03	1711.01	71.6%
2:45 PM	0.00	0.00	0.0%	5,357.38	1339.35	56.0%	6,358.51	1589.63	66.5%
3:00 PM	0.00	0.00	0.0%	4,912.16	1228.04	51.4%	5,734.27	1433.57	60.0%
3:15 PM	0.00	0.00	0.0%	4,537.47	1134.37	47.5%	5,195.49	1298.87	54.4%
3:30 PM	0.00	0.00	0.0%	4,065.78	1016.44	42.5%	4,548.74	1137.18	47.6%
3:45 PM	0.00	0.00	0.0%	3,641.97	910.49	38.1%	3,961.06	990.27	41.4%
4:00 PM	0.00	0.00	0.0%	3,140.50	785.13	32.9%	3,295.09	823.77	34.5%
4:15 PM	0.00	0.00	0.0%	2,670.74	667.69	27.9%	2,708.26	677.06	28.3%
4:30 PM	0.00	0.00	0.0%	2,146.40	536.60	22.5%	2,146.59	536.65	22.5%
4:45 PM	0.00	0.00	0.0%	1,667.33	416.83	17.4%	1,667.32	416.83	17.4%
5:00 PM	0.00	0.00	0.0%	1,199.74	299.94	12.6%	1,199.72	299.93	12.6%
5:15 PM	0.00	0.00	0.0%	1,079.99	270.00	11.3%	1,079.98	269.99	11.3%
5:30 PM	0.00	0.00	0.0%	759.63	189.91	7.9%	759.64	189.91	7.9%
5:45 PM	0.00	0.00	0.0%	1.08	0.27	0.0%	1.09	0.27	0.0%
6:00 PM	0.00	0.00	0.0%	542.38	135.60	5.7%	542.39	135.60	5.7%
6:15 PM	0.00	0.00	0.0%	2,848.88	712.22	29.8%	2,848.88	712.22	29.8%
6:30 PM	0.00	0.00	0.0%	7,083.85	1770.96	74.1%	7,083.85	1770.96	74.1%
6:45 PM	0.00	0.00	0.0%	9,535.60	1811.76	99.8%	9,535.60	1811.76	99.8%
6:52 PM	1,816.20	108.97	19.0%	7,719.38	463.16	80.8%	7,719.38	463.16	80.8%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	0.00	0.00	0.0%	301.99	18.12	3.2%	301.99	18.12	3.2%
7:45 AM	0.00	0.00	0.0%	472.54	89.78	4.9%	472.54	89.78	4.9%
8:00 AM	0.00	0.00	0.0%	830.52	207.63	8.7%	830.52	207.63	8.7%
8:15 AM	0.00	0.00	0.0%	1,204.57	301.14	12.6%	1,204.54	301.14	12.6%
8:30 AM	0.00	0.00	0.0%	1,554.49	388.62	16.3%	1,554.49	388.62	16.3%
8:45 AM	0.00	0.00	0.0%	1,877.74	469.44	19.6%	1,877.74	469.44	19.6%
9:00 AM	0.00	0.00	0.0%	2,196.60	549.15	23.0%	2,196.60	549.15	23.0%
9:15 AM	0.00	0.00	0.0%	2,546.42	636.60	26.6%	2,546.40	636.60	26.6%
9:30 AM	0.00	0.00	0.0%	2,876.93	719.23	30.1%	2,857.47	714.37	29.9%
9:45 AM	0.00	0.00	0.0%	3,256.10	814.02	34.1%	3,208.83	802.21	33.6%
10:00 AM	0.00	0.00	0.0%	3,639.38	909.85	38.1%	3,560.35	890.09	37.2%
10:15 AM	0.00	0.00	0.0%	4,102.53	1025.63	42.9%	3,985.95	996.49	41.7%
10:30 AM	0.00	0.00	0.0%	4,547.17	1136.79	47.6%	4,428.37	1107.09	46.3%
10:45 AM	0.00	0.00	0.0%	4,998.88	1249.72	52.3%	4,947.70	1236.93	51.8%
11:00 AM	0.00	0.00	0.0%	5,354.69	1338.67	56.0%	5,371.98	1342.99	56.2%
11:15 AM	0.00	0.00	0.0%	5,741.06	1435.26	60.1%	5,803.36	1450.84	60.7%
11:30 AM	0.00	0.00	0.0%	6,021.45	1505.36	63.0%	6,158.49	1539.62	64.4%
11:45 AM	0.00	0.00	0.0%	6,362.79	1590.70	66.6%	6,535.51	1633.88	68.4%
12:00 PM	0.00	0.00	0.0%	6,586.38	1646.59	68.9%	6,851.86	1712.97	71.7%
12:15 PM	0.00	0.00	0.0%	6,891.39	1722.85	72.1%	7,195.53	1798.88	75.3%
12:30 PM	0.00	0.00	0.0%	7,066.81	1766.70	73.9%	7,494.01	1873.50	78.4%
12:45 PM	0.00	0.00	0.0%	7,338.73	1834.68	76.8%	7,818.94	1954.74	81.8%
1:00 PM	0.00	0.00	0.0%	7,472.99	1868.25	78.2%	8,117.55	2029.39	84.9%
1:15 PM	0.00	0.00	0.0%	7,500.51	1875.13	78.5%	8,225.72	2056.43	86.1%
1:30 PM	0.00	0.00	0.0%	7,374.52	1843.63	77.1%	8,295.18	2073.80	86.8%
1:45 PM	0.00	0.00	0.0%	7,377.15	1844.29	77.2%	8,428.86	2107.22	88.2%
2:00 PM	0.00	0.00	0.0%	7,092.61	1773.15	74.2%	8,192.92	2048.23	85.7%
2:15 PM	0.00	0.00	0.0%	6,773.09	1693.27	70.9%	7,823.29	1955.82	81.8%
2:30 PM	0.00	0.00	0.0%	6,323.39	1580.85	66.2%	7,390.63	1847.66	77.3%
2:45 PM	0.00	0.00	0.0%	5,964.46	1491.11	62.4%	6,954.58	1738.64	72.8%
3:00 PM	0.00	0.00	0.0%	5,490.90	1372.72	57.4%	6,367.19	1591.80	66.6%
3:15 PM	0.00	0.00	0.0%	5,084.74	1271.19	53.2%	5,772.01	1443.00	60.4%
3:30 PM	0.00	0.00	0.0%	4,580.57	1145.14	47.9%	5,067.44	1266.86	53.0%
3:45 PM	0.00	0.00	0.0%	4,120.69	1030.17	43.1%	4,414.45	1103.61	46.2%
4:00 PM	0.00	0.00	0.0%	3,582.22	895.56	37.5%	3,689.63	922.41	38.6%
4:15 PM	0.00	0.00	0.0%	3,067.99	767.00	32.1%	3,080.73	770.18	32.2%
4:30 PM	0.00	0.00	0.0%	2,500.78	625.19	26.2%	2,500.81	625.20	26.2%
4:45 PM	0.00	0.00	0.0%	2,006.28	501.57	21.0%	2,006.26	501.57	21.0%
5:00 PM	0.00	0.00	0.0%	1,527.18	381.80	16.0%	1,527.16	381.79	16.0%
5:15 PM	0.00	0.00	0.0%	2,627.69	656.92	27.5%	2,627.70	656.93	27.5%
5:30 PM	0.00	0.00	0.0%	2,722.82	680.70	28.5%	2,722.83	680.71	28.5%
5:45 PM	0.00	0.00	0.0%	945.05	236.26	9.9%	945.05	236.26	9.9%
6:00 PM	0.00	0.00	0.0%	82.50	20.63	0.9%	82.53	20.63	0.9%
6:15 PM	0.00	0.00	0.0%	1,911.24	477.81	20.0%	1,911.26	477.81	20.0%
6:30 PM	0.00	0.00	0.0%	5,297.34	1218.39	55.4%	5,297.34	1218.39	55.4%
6:42 PM	4,919.07	541.10	51.5%	4,251.93	467.71	44.5%	4,251.93	467.71	44.5%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	0.00	0.00	0.0%	849.21	110.40	8.9%	849.22	110.40	8.9%
8:00 AM	0.00	0.00	0.0%	1,235.56	308.89	12.9%	1,235.56	308.89	12.9%
8:15 AM	0.00	0.00	0.0%	1,619.57	404.89	16.9%	1,619.57	404.89	16.9%
8:30 AM	0.00	0.00	0.0%	1,997.71	499.43	20.9%	1,997.72	499.43	20.9%
8:45 AM	0.00	0.00	0.0%	2,325.71	581.43	24.3%	2,325.72	581.43	24.3%
9:00 AM	0.00	0.00	0.0%	2,645.03	661.26	27.7%	2,645.04	661.26	27.7%
9:15 AM	0.00	0.00	0.0%	3,005.28	751.32	31.4%	3,005.27	751.32	31.4%
9:30 AM	0.00	0.00	0.0%	3,347.25	836.81	35.0%	3,332.10	833.03	34.9%
9:45 AM	0.00	0.00	0.0%	3,740.51	935.13	39.1%	3,693.02	923.26	38.6%
10:00 AM	0.00	0.00	0.0%	4,143.00	1035.75	43.3%	4,059.19	1014.80	42.5%
10:15 AM	0.00	0.00	0.0%	4,634.40	1158.60	48.5%	4,508.34	1127.09	47.2%
10:30 AM	0.00	0.00	0.0%	5,092.24	1273.06	53.3%	4,958.23	1239.56	51.9%
10:45 AM	0.00	0.00	0.0%	5,542.74	1385.68	58.0%	5,410.09	1352.52	56.6%
11:00 AM	0.00	0.00	0.0%	5,915.23	1478.81	61.9%	5,781.15	1445.29	60.5%
11:15 AM	0.00	0.00	0.0%	6,296.60	1574.15	65.9%	6,163.42	1540.86	64.5%
11:30 AM	0.00	0.00	0.0%	6,617.07	1654.27	69.2%	6,481.76	1620.44	67.8%
11:45 AM	0.00	0.00	0.0%	6,955.82	1738.95	72.8%	6,820.96	1705.24	71.4%
12:00 PM	0.00	0.00	0.0%	7,246.90	1811.72	75.8%	7,109.60	1777.40	74.4%
12:15 PM	0.00	0.00	0.0%	7,559.09	1889.77	79.1%	7,422.03	1855.51	77.6%
12:30 PM	0.00	0.00	0.0%	7,838.01	1959.50	82.0%	7,697.81	1924.45	80.5%
12:45 PM	0.00	0.00	0.0%	8,138.92	2034.73	85.1%	7,998.12	1999.53	83.7%
1:00 PM	0.00	0.00	0.0%	8,333.78	2083.44	87.2%	8,253.28	2063.32	86.3%
1:15 PM	0.00	0.00	0.0%	8,335.97	2083.99	87.2%	8,339.31	2084.83	87.2%
1:30 PM	0.00	0.00	0.0%	8,221.56	2055.39	86.0%	8,429.59	2107.40	88.2%
1:45 PM	0.00	0.00	0.0%	8,230.08	2057.52	86.1%	8,557.17	2139.29	89.5%
2:00 PM	0.00	0.00	0.0%	7,844.46	1961.11	82.1%	8,227.77	2056.94	86.1%
2:15 PM	0.00	0.00	0.0%	7,489.25	1872.31	78.3%	7,884.77	1971.19	82.5%
2:30 PM	0.00	0.00	0.0%	7,007.91	1751.98	73.3%	7,487.97	1871.99	78.3%
2:45 PM	0.00	0.00	0.0%	6,615.52	1653.88	69.2%	7,089.32	1772.33	74.2%
3:00 PM	0.00	0.00	0.0%	6,107.63	1526.91	63.9%	6,611.77	1652.94	69.2%
3:15 PM	0.00	0.00	0.0%	5,663.58	1415.90	59.2%	6,116.93	1529.23	64.0%
3:30 PM	0.00	0.00	0.0%	5,118.50	1279.63	53.5%	5,504.24	1376.06	57.6%
3:45 PM	0.00	0.00	0.0%	4,613.98	1153.49	48.3%	4,843.31	1210.83	50.7%
4:00 PM	0.00	0.00	0.0%	4,024.85	1006.21	42.1%	4,080.70	1020.18	42.7%
4:15 PM	0.00	0.00	0.0%	3,452.56	863.14	36.1%	3,452.57	863.14	36.1%
4:30 PM	0.00	0.00	0.0%	2,856.24	714.06	29.9%	2,856.26	714.06	29.9%
4:45 PM	0.00	0.00	0.0%	2,348.06	587.01	24.6%	2,348.08	587.02	24.6%
5:00 PM	0.00	0.00	0.0%	3,551.88	887.97	37.2%	3,551.88	887.97	37.2%
5:15 PM	0.00	0.00	0.0%	5,535.03	1383.76	57.9%	5,535.03	1383.76	57.9%
5:30 PM	0.00	0.00	0.0%	5,954.88	1488.72	62.3%	5,954.88	1488.72	62.3%
5:45 PM	0.00	0.00	0.0%	3,409.88	852.47	35.7%	3,409.87	852.47	35.7%
6:00 PM	0.00	0.00	0.0%	379.03	94.76	4.0%	379.01	94.75	4.0%
6:15 PM	0.00	0.00	0.0%	440.38	118.90	4.6%	440.38	118.90	4.6%
6:31 PM	4,270.60	597.88	44.7%	1,723.47	241.29	18.0%	1,723.47	241.29	18.0%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	0.00	0.00	0.0%	1,419.92	113.59	14.9%	1,419.90	113.59	14.9%
8:00 AM	0.00	0.00	0.0%	1,657.81	348.14	17.3%	1,657.81	348.14	17.3%
8:15 AM	0.00	0.00	0.0%	2,053.35	513.34	21.5%	2,053.36	513.34	21.5%
8:30 AM	0.00	0.00	0.0%	2,456.65	614.16	25.7%	2,456.63	614.16	25.7%
8:45 AM	0.00	0.00	0.0%	2,809.28	702.32	29.4%	2,809.28	702.32	29.4%
9:00 AM	0.00	0.00	0.0%	3,126.56	781.64	32.7%	3,126.58	781.65	32.7%
9:15 AM	0.00	0.00	0.0%	3,491.47	872.87	36.5%	3,491.47	872.87	36.5%
9:30 AM	0.00	0.00	0.0%	3,851.55	962.89	40.3%	3,843.27	960.82	40.2%
9:45 AM	0.00	0.00	0.0%	4,259.49	1064.87	44.6%	4,213.72	1053.43	44.1%
10:00 AM	0.00	0.00	0.0%	4,682.78	1170.70	49.0%	4,595.38	1148.84	48.1%
10:15 AM	0.00	0.00	0.0%	5,157.71	1289.43	54.0%	5,055.65	1263.91	52.9%
10:30 AM	0.00	0.00	0.0%	5,550.06	1387.51	58.1%	5,445.13	1361.28	57.0%
10:45 AM	0.00	0.00	0.0%	5,943.15	1485.79	62.2%	5,838.17	1459.54	61.1%
11:00 AM	0.00	0.00	0.0%	6,271.97	1567.99	65.6%	6,164.50	1541.13	64.5%
11:15 AM	0.00	0.00	0.0%	6,612.11	1653.03	69.2%	6,504.64	1626.16	68.0%
11:30 AM	0.00	0.00	0.0%	6,900.98	1725.24	72.2%	6,790.69	1697.67	71.0%
11:45 AM	0.00	0.00	0.0%	7,207.53	1801.88	75.4%	7,097.07	1774.27	74.2%
12:00 PM	0.00	0.00	0.0%	7,474.94	1868.74	78.2%	7,361.44	1840.36	77.0%
12:15 PM	0.00	0.00	0.0%	7,761.85	1940.46	81.2%	7,648.08	1912.02	80.0%
12:30 PM	0.00	0.00	0.0%	8,019.93	2004.98	83.9%	7,902.65	1975.66	82.7%
12:45 PM	0.00	0.00	0.0%	8,296.84	2074.21	86.8%	8,178.66	2044.66	85.6%
1:00 PM	0.00	0.00	0.0%	8,493.57	2123.39	88.9%	8,387.80	2096.95	87.7%
1:15 PM	0.00	0.00	0.0%	8,506.61	2126.65	89.0%	8,453.49	2113.37	88.4%
1:30 PM	0.00	0.00	0.0%	8,546.84	2136.71	89.4%	8,565.37	2141.34	89.6%
1:45 PM	0.00	0.00	0.0%	8,572.38	2143.10	89.7%	8,576.69	2144.17	89.7%
2:00 PM	0.00	0.00	0.0%	8,256.94	2064.24	86.4%	8,256.94	2064.23	86.4%
2:15 PM	0.00	0.00	0.0%	7,936.60	1984.15	83.0%	7,936.69	1984.17	83.0%
2:30 PM	0.00	0.00	0.0%	7,571.88	1892.97	79.2%	7,571.96	1892.99	79.2%
2:45 PM	0.00	0.00	0.0%	7,202.17	1800.54	75.3%	7,202.17	1800.54	75.3%
3:00 PM	0.00	0.00	0.0%	6,753.38	1688.34	70.6%	6,768.15	1692.04	70.8%
3:15 PM	0.00	0.00	0.0%	6,264.15	1566.04	65.5%	6,320.42	1580.11	66.1%
3:30 PM	0.00	0.00	0.0%	5,669.79	1417.45	59.3%	5,775.25	1443.81	60.4%
3:45 PM	0.00	0.00	0.0%	5,107.53	1276.88	53.4%	5,190.47	1297.62	54.3%
4:00 PM	0.00	0.00	0.0%	4,452.48	1113.12	46.6%	4,466.03	1116.51	46.7%
4:15 PM	0.00	0.00	0.0%	3,819.30	954.82	40.0%	3,819.30	954.82	40.0%
4:30 PM	0.00	0.00	0.0%	3,208.28	802.07	33.6%	3,208.27	802.07	33.6%
4:45 PM	0.00	0.00	0.0%	3,449.28	862.32	36.1%	3,449.28	862.32	36.1%
5:00 PM	0.00	0.00	0.0%	6,067.78	1516.95	63.5%	6,067.79	1516.95	63.5%
5:15 PM	0.00	0.00	0.0%	8,873.38	2218.34	92.8%	8,873.36	2218.34	92.8%
5:30 PM	0.00	0.00	0.0%	8,842.43	2210.61	92.5%	8,842.43	2210.61	92.5%
5:45 PM	0.00	0.00	0.0%	5,823.13	1455.78	60.9%	5,823.13	1455.78	60.9%
6:00 PM	0.00	0.00	0.0%	2,791.39	697.85	29.2%	2,791.38	697.85	29.2%
6:15 PM	2.56	0.46	0.0%	872.89	157.12	9.1%	872.74	157.09	9.1%
6:21 PM	826.50	41.33	8.6%	4.78	0.24	0.1%	4.65	0.23	0.0%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	0.00	0.00	0.0%	2,009.82	40.20	21.0%	2,009.83	40.20	21.0%
8:00 AM	0.00	0.00	0.0%	2,091.07	313.66	21.9%	2,091.06	313.66	21.9%
8:15 AM	0.00	0.00	0.0%	2,499.28	624.82	26.1%	2,499.26	624.81	26.1%
8:30 AM	0.00	0.00	0.0%	2,917.15	729.29	30.5%	2,917.15	729.29	30.5%
8:45 AM	0.00	0.00	0.0%	3,323.56	830.89	34.8%	3,323.57	830.89	34.8%
9:00 AM	0.00	0.00	0.0%	3,637.80	909.45	38.1%	3,637.81	909.45	38.1%
9:15 AM	0.00	0.00	0.0%	4,007.47	1001.87	41.9%	4,007.44	1001.86	41.9%
9:30 AM	0.00	0.00	0.0%	4,384.34	1096.09	45.9%	4,383.28	1095.82	45.9%
9:45 AM	0.00	0.00	0.0%	4,807.75	1201.94	50.3%	4,765.81	1191.45	49.9%
10:00 AM	0.00	0.00	0.0%	5,221.84	1305.46	54.6%	5,157.01	1289.25	53.9%
10:15 AM	0.00	0.00	0.0%	5,627.15	1406.79	58.9%	5,559.50	1389.88	58.2%
10:30 AM	0.00	0.00	0.0%	5,966.44	1491.61	62.4%	5,893.35	1473.34	61.7%
10:45 AM	0.00	0.00	0.0%	6,312.28	1578.07	66.0%	6,237.59	1559.40	65.3%
11:00 AM	0.00	0.00	0.0%	6,603.90	1650.97	69.1%	6,525.17	1631.29	68.3%
11:15 AM	0.00	0.00	0.0%	6,908.49	1727.12	72.3%	6,829.08	1707.27	71.4%
11:30 AM	0.00	0.00	0.0%	7,169.69	1792.42	75.0%	7,086.56	1771.64	74.1%
11:45 AM	0.00	0.00	0.0%	7,449.09	1862.27	77.9%	7,365.01	1841.25	77.0%
12:00 PM	0.00	0.00	0.0%	7,693.52	1923.38	80.5%	7,605.81	1901.45	79.6%
12:15 PM	0.00	0.00	0.0%	7,957.72	1989.43	83.2%	7,869.24	1967.31	82.3%
12:30 PM	0.00	0.00	0.0%	8,197.46	2049.36	85.8%	8,105.03	2026.26	84.8%
12:45 PM	0.00	0.00	0.0%	8,455.89	2113.97	88.5%	8,362.18	2090.55	87.5%
1:00 PM	0.00	0.00	0.0%	8,596.40	2149.10	89.9%	8,520.57	2130.14	89.1%
1:15 PM	0.00	0.00	0.0%	8,606.49	2151.62	90.0%	8,563.27	2140.82	89.6%
1:30 PM	0.00	0.00	0.0%	8,652.46	2163.11	90.5%	8,695.55	2173.89	91.0%
1:45 PM	0.00	0.00	0.0%	8,580.20	2145.05	89.8%	8,580.26	2145.07	89.8%
2:00 PM	0.00	0.00	0.0%	8,281.03	2070.26	86.6%	8,281.07	2070.27	86.6%
2:15 PM	0.00	0.00	0.0%	7,980.25	1995.06	83.5%	7,980.25	1995.06	83.5%
2:30 PM	0.00	0.00	0.0%	7,643.56	1910.89	80.0%	7,643.60	1910.90	80.0%
2:45 PM	0.00	0.00	0.0%	7,301.52	1825.38	76.4%	7,301.63	1825.41	76.4%
3:00 PM	0.00	0.00	0.0%	6,904.24	1726.06	72.2%	6,904.34	1726.09	72.2%
3:15 PM	0.00	0.00	0.0%	6,493.67	1623.42	67.9%	6,493.69	1623.42	67.9%
3:30 PM	0.00	0.00	0.0%	6,003.83	1500.96	62.8%	6,003.92	1500.98	62.8%
3:45 PM	0.00	0.00	0.0%	5,481.32	1370.33	57.3%	5,481.31	1370.33	57.3%
4:00 PM	0.00	0.00	0.0%	4,838.66	1209.66	50.6%	4,838.67	1209.67	50.6%
4:15 PM	0.00	0.00	0.0%	4,180.23	1045.06	43.7%	4,180.23	1045.06	43.7%
4:30 PM	0.00	0.00	0.0%	3,555.60	888.90	37.2%	3,555.60	888.90	37.2%
4:45 PM	0.00	0.00	0.0%	5,818.30	1454.57	60.9%	5,818.30	1454.57	60.9%
5:00 PM	0.00	0.00	0.0%	8,282.02	2070.51	86.6%	8,282.03	2070.51	86.6%
5:15 PM	0.00	0.00	0.0%	9,535.60	2383.90	99.8%	9,535.60	2383.90	99.8%
5:30 PM	0.00	0.00	0.0%	9,536.07	2384.02	99.8%	9,536.08	2384.02	99.8%
5:45 PM	0.00	0.00	0.0%	8,233.99	2058.50	86.1%	8,233.99	2058.50	86.1%
6:00 PM	0.00	0.00	0.0%	5,227.50	1097.78	54.7%	5,227.42	1097.76	54.7%
6:09 PM	0.00	0.00	0.0%	4,141.75	331.34	43.3%	4,141.61	331.33	43.3%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	0.00	0.00	0.0%	2,616.85	261.69	27.4%	2,616.84	261.68	27.4%
8:15 AM	0.00	0.00	0.0%	2,953.78	649.83	30.9%	2,953.76	649.83	30.9%
8:30 AM	0.00	0.00	0.0%	3,386.58	846.64	35.4%	3,386.57	846.64	35.4%
8:45 AM	0.00	0.00	0.0%	3,848.42	962.10	40.3%	3,848.44	962.11	40.3%
9:00 AM	0.00	0.00	0.0%	4,177.87	1044.47	43.7%	4,177.85	1044.46	43.7%
9:15 AM	0.00	0.00	0.0%	4,549.11	1137.28	47.6%	4,549.13	1137.28	47.6%
9:30 AM	0.00	0.00	0.0%	4,943.78	1235.95	51.7%	4,943.80	1235.95	51.7%
9:45 AM	0.00	0.00	0.0%	5,358.14	1339.53	56.1%	5,342.95	1335.74	55.9%
10:00 AM	0.00	0.00	0.0%	5,707.43	1426.86	59.7%	5,682.69	1420.67	59.4%
10:15 AM	0.00	0.00	0.0%	6,055.81	1513.95	63.4%	6,025.19	1506.30	63.0%
10:30 AM	0.00	0.00	0.0%	6,350.31	1587.58	66.4%	6,311.68	1577.92	66.0%
10:45 AM	0.00	0.00	0.0%	6,654.28	1663.57	69.6%	6,612.05	1653.01	69.2%
11:00 AM	0.00	0.00	0.0%	6,915.01	1728.75	72.3%	6,867.63	1716.91	71.8%
11:15 AM	0.00	0.00	0.0%	7,188.78	1797.19	75.2%	7,139.59	1784.90	74.7%
11:30 AM	0.00	0.00	0.0%	7,426.16	1856.54	77.7%	7,372.24	1843.06	77.1%
11:45 AM	0.00	0.00	0.0%	7,680.58	1920.15	80.3%	7,624.97	1906.24	79.8%
12:00 PM	0.00	0.00	0.0%	7,905.75	1976.44	82.7%	7,845.81	1961.45	82.1%
12:15 PM	0.00	0.00	0.0%	8,149.84	2037.46	85.3%	8,088.65	2022.16	84.6%
12:30 PM	0.00	0.00	0.0%	8,372.84	2093.21	87.6%	8,307.17	2076.79	86.9%
12:45 PM	0.00	0.00	0.0%	8,619.73	2154.93	90.2%	8,552.47	2138.12	89.5%
1:00 PM	0.00	0.00	0.0%	8,691.04	2172.76	90.9%	8,642.64	2160.66	90.4%
1:15 PM	0.00	0.00	0.0%	8,708.01	2177.00	91.1%	8,692.10	2173.03	90.9%
1:30 PM	0.00	0.00	0.0%	8,749.58	2187.40	91.5%	8,813.60	2203.40	92.2%
1:45 PM	0.00	0.00	0.0%	8,582.09	2145.52	89.8%	8,582.10	2145.52	89.8%
2:00 PM	0.00	0.00	0.0%	8,301.33	2075.33	86.8%	8,301.33	2075.33	86.8%
2:15 PM	0.00	0.00	0.0%	8,020.32	2005.08	83.9%	8,020.33	2005.08	83.9%
2:30 PM	0.00	0.00	0.0%	7,705.92	1926.48	80.6%	7,705.91	1926.48	80.6%
2:45 PM	0.00	0.00	0.0%	7,386.53	1846.63	77.3%	7,386.52	1846.63	77.3%
3:00 PM	0.00	0.00	0.0%	7,020.62	1755.15	73.4%	7,020.60	1755.15	73.4%
3:15 PM	0.00	0.00	0.0%	6,643.35	1660.84	69.5%	6,643.34	1660.84	69.5%
3:30 PM	0.00	0.00	0.0%	6,199.28	1549.82	64.9%	6,199.24	1549.81	64.9%
3:45 PM	0.00	0.00	0.0%	5,728.50	1432.13	59.9%	5,728.48	1432.12	59.9%
4:00 PM	0.00	0.00	0.0%	5,157.81	1289.45	54.0%	5,157.77	1289.44	54.0%
4:15 PM	0.00	0.00	0.0%	4,533.69	1133.42	47.4%	4,533.69	1133.42	47.4%
4:30 PM	0.00	0.00	0.0%	5,696.78	1424.19	59.6%	5,696.76	1424.19	59.6%
4:45 PM	0.00	0.00	0.0%	8,004.67	2001.17	83.7%	8,004.66	2001.16	83.7%
5:00 PM	0.00	0.00	0.0%	9,535.63	2383.91	99.8%	9,535.63	2383.91	99.8%
5:15 PM	0.00	0.00	0.0%	9,536.02	2384.01	99.8%	9,536.02	2384.01	99.8%
5:30 PM	0.00	0.00	0.0%	9,535.66	2383.91	99.8%	9,535.67	2383.92	99.8%
5:45 PM	0.00	0.00	0.0%	9,490.85	2182.89	99.3%	9,490.88	2182.90	99.3%
5:58 PM	0.00	0.00	0.0%	8,480.12	932.81	88.7%	8,480.01	932.80	88.7%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	0.00	0.00	0.0%	3,238.62	129.54	33.9%	3,238.60	129.54	33.9%
8:15 AM	0.00	0.00	0.0%	3,397.85	577.64	35.5%	3,397.85	577.64	35.5%
8:30 AM	0.00	0.00	0.0%	3,852.44	963.11	40.3%	3,852.44	963.11	40.3%
8:45 AM	0.00	0.00	0.0%	4,351.63	1087.91	45.5%	4,351.63	1087.91	45.5%
9:00 AM	0.00	0.00	0.0%	4,736.26	1184.06	49.5%	4,736.27	1184.07	49.5%
9:15 AM	0.00	0.00	0.0%	5,105.76	1276.44	53.4%	5,105.78	1276.45	53.4%
9:30 AM	0.00	0.00	0.0%	5,465.65	1366.41	57.2%	5,465.69	1366.42	57.2%
9:45 AM	0.00	0.00	0.0%	5,823.40	1455.85	60.9%	5,823.42	1455.86	60.9%
10:00 AM	0.00	0.00	0.0%	6,129.81	1532.45	64.1%	6,129.81	1532.45	64.1%
10:15 AM	0.00	0.00	0.0%	6,439.50	1609.88	67.4%	6,439.50	1609.88	67.4%
10:30 AM	0.00	0.00	0.0%	6,703.26	1675.82	70.1%	6,701.76	1675.44	70.1%
10:45 AM	0.00	0.00	0.0%	6,973.17	1743.29	72.9%	6,966.06	1741.52	72.9%
11:00 AM	0.00	0.00	0.0%	7,204.42	1801.11	75.4%	7,190.62	1797.65	75.2%
11:15 AM	0.00	0.00	0.0%	7,452.70	1863.18	78.0%	7,435.90	1858.98	77.8%
11:30 AM	0.00	0.00	0.0%	7,667.74	1916.94	80.2%	7,645.20	1911.30	80.0%
11:45 AM	0.00	0.00	0.0%	7,901.03	1975.26	82.7%	7,875.93	1968.98	82.4%
12:00 PM	0.00	0.00	0.0%	8,108.25	2027.06	84.8%	8,078.06	2019.52	84.5%
12:15 PM	0.00	0.00	0.0%	8,335.15	2083.79	87.2%	8,303.15	2075.79	86.9%
12:30 PM	0.00	0.00	0.0%	8,543.85	2135.96	89.4%	8,506.86	2126.72	89.0%
12:45 PM	0.00	0.00	0.0%	8,757.32	2189.33	91.6%	8,718.47	2179.62	91.2%
1:00 PM	0.00	0.00	0.0%	8,789.35	2197.34	91.9%	8,758.79	2189.70	91.6%
1:15 PM	0.00	0.00	0.0%	8,800.24	2200.06	92.1%	8,800.42	2200.11	92.1%
1:30 PM	0.00	0.00	0.0%	8,827.03	2206.76	92.3%	8,834.06	2208.51	92.4%
1:45 PM	0.00	0.00	0.0%	8,588.53	2147.13	89.8%	8,588.57	2147.14	89.8%
2:00 PM	0.00	0.00	0.0%	8,324.67	2081.17	87.1%	8,324.72	2081.18	87.1%
2:15 PM	0.00	0.00	0.0%	8,058.81	2014.70	84.3%	8,058.83	2014.71	84.3%
2:30 PM	0.00	0.00	0.0%	7,764.13	1941.03	81.2%	7,764.13	1941.03	81.2%
2:45 PM	0.00	0.00	0.0%	7,466.54	1866.64	78.1%	7,466.61	1866.65	78.1%
3:00 PM	0.00	0.00	0.0%	7,127.78	1781.95	74.6%	7,127.84	1781.96	74.6%
3:15 PM	0.00	0.00	0.0%	6,778.42	1694.60	70.9%	6,778.42	1694.60	70.9%
3:30 PM	0.00	0.00	0.0%	6,372.42	1593.10	66.7%	6,372.44	1593.11	66.7%
3:45 PM	0.00	0.00	0.0%	5,944.73	1486.18	62.2%	5,944.74	1486.18	62.2%
4:00 PM	0.00	0.00	0.0%	5,433.92	1358.48	56.8%	5,433.92	1358.48	56.8%
4:15 PM	0.00	0.00	0.0%	5,367.90	1341.98	56.2%	5,367.89	1341.97	56.2%
4:30 PM	0.00	0.00	0.0%	7,689.13	1922.28	80.4%	7,689.14	1922.28	80.4%
4:45 PM	0.00	0.00	0.0%	9,402.22	2350.56	98.4%	9,402.22	2350.56	98.4%
5:00 PM	0.00	0.00	0.0%	9,534.97	2383.74	99.7%	9,534.97	2383.74	99.7%
5:15 PM	0.00	0.00	0.0%	9,534.89	2383.72	99.7%	9,534.89	2383.72	99.7%
5:30 PM	0.00	0.00	0.0%	9,536.01	2574.72	99.8%	9,536.03	2574.73	99.8%
5:47 PM	0.00	0.00	0.0%	9,535.56	1334.98	99.8%	9,535.56	1334.98	99.8%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	0.00	0.00	0.0%	3,871.52	464.58	40.5%	3,871.49	464.58	40.5%
8:30 AM	0.00	0.00	0.0%	4,309.33	1034.24	45.1%	4,309.30	1034.23	45.1%
8:45 AM	0.00	0.00	0.0%	4,823.93	1205.98	50.5%	4,823.93	1205.98	50.5%
9:00 AM	0.00	0.00	0.0%	5,285.37	1321.34	55.3%	5,285.37	1321.34	55.3%
9:15 AM	0.00	0.00	0.0%	5,645.01	1411.25	59.1%	5,645.03	1411.26	59.1%
9:30 AM	0.00	0.00	0.0%	5,930.41	1482.60	62.0%	5,930.40	1482.60	62.0%
9:45 AM	0.00	0.00	0.0%	6,228.26	1557.07	65.2%	6,228.31	1557.08	65.2%
10:00 AM	0.00	0.00	0.0%	6,489.30	1622.32	67.9%	6,489.31	1622.33	67.9%
10:15 AM	0.00	0.00	0.0%	6,759.75	1689.94	70.7%	6,759.74	1689.94	70.7%
10:30 AM	0.00	0.00	0.0%	6,993.80	1748.45	73.2%	6,993.74	1748.43	73.2%
10:45 AM	0.00	0.00	0.0%	7,239.48	1809.87	75.7%	7,239.44	1809.86	75.7%
11:00 AM	0.00	0.00	0.0%	7,454.36	1863.59	78.0%	7,454.37	1863.59	78.0%
11:15 AM	0.00	0.00	0.0%	7,683.03	1920.76	80.4%	7,683.01	1920.75	80.4%
11:30 AM	0.00	0.00	0.0%	7,885.39	1971.35	82.5%	7,885.40	1971.35	82.5%
11:45 AM	0.00	0.00	0.0%	8,103.65	2025.91	84.8%	8,103.66	2025.91	84.8%
12:00 PM	0.00	0.00	0.0%	8,301.58	2075.39	86.8%	8,301.58	2075.40	86.8%
12:15 PM	0.00	0.00	0.0%	8,515.23	2128.81	89.1%	8,514.29	2128.57	89.1%
12:30 PM	0.00	0.00	0.0%	8,709.04	2177.26	91.1%	8,702.63	2175.66	91.0%
12:45 PM	0.00	0.00	0.0%	8,903.65	2225.91	93.1%	8,894.68	2223.67	93.0%
1:00 PM	0.00	0.00	0.0%	8,874.24	2218.56	92.8%	8,859.56	2214.89	92.7%
1:15 PM	0.00	0.00	0.0%	8,885.07	2221.27	92.9%	8,903.14	2225.78	93.1%
1:30 PM	0.00	0.00	0.0%	8,830.69	2207.67	92.4%	8,830.69	2207.67	92.4%
1:45 PM	0.00	0.00	0.0%	8,597.28	2149.32	89.9%	8,597.28	2149.32	89.9%
2:00 PM	0.00	0.00	0.0%	8,347.91	2086.98	87.3%	8,347.92	2086.98	87.3%
2:15 PM	0.00	0.00	0.0%	8,096.45	2024.11	84.7%	8,096.43	2024.11	84.7%
2:30 PM	0.00	0.00	0.0%	7,819.79	1954.95	81.8%	7,819.79	1954.95	81.8%
2:45 PM	0.00	0.00	0.0%	7,540.28	1885.07	78.9%	7,540.28	1885.07	78.9%
3:00 PM	0.00	0.00	0.0%	7,225.68	1806.42	75.6%	7,225.69	1806.42	75.6%
3:15 PM	0.00	0.00	0.0%	6,901.16	1725.29	72.2%	6,901.14	1725.28	72.2%
3:30 PM	0.00	0.00	0.0%	6,528.03	1632.01	68.3%	6,528.03	1632.01	68.3%
3:45 PM	0.00	0.00	0.0%	6,136.81	1534.20	64.2%	6,136.80	1534.20	64.2%
4:00 PM	0.00	0.00	0.0%	5,675.87	1418.97	59.4%	5,675.87	1418.97	59.4%
4:15 PM	0.00	0.00	0.0%	6,033.80	1508.45	63.1%	6,033.78	1508.45	63.1%
4:30 PM	0.00	0.00	0.0%	8,055.68	2013.92	84.3%	8,055.66	2013.91	84.3%
4:45 PM	0.00	0.00	0.0%	9,535.53	2383.88	99.8%	9,535.54	2383.89	99.8%
5:00 PM	0.00	0.00	0.0%	9,535.55	2383.89	99.8%	9,535.55	2383.89	99.8%
5:15 PM	0.00	0.00	0.0%	9,535.54	2383.89	99.8%	9,535.54	2383.89	99.8%
5:30 PM	0.00	0.00	0.0%	9,535.81	1811.80	99.8%	9,535.81	1811.80	99.8%
5:37 PM	0.00	0.00	0.0%	9,534.49	572.07	99.7%	9,534.49	572.07	99.7%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	0.00	0.00	0.0%	4,509.78	270.59	47.2%	4,509.78	270.59	47.2%
8:30 AM	0.00	0.00	0.0%	4,746.74	854.41	49.7%	4,746.74	854.41	49.7%
8:45 AM	0.00	0.00	0.0%	5,218.55	1304.64	54.6%	5,218.55	1304.64	54.6%
9:00 AM	0.00	0.00	0.0%	5,622.19	1405.55	58.8%	5,622.21	1405.55	58.8%
9:15 AM	0.00	0.00	0.0%	5,999.58	1499.89	62.8%	5,999.57	1499.89	62.8%
9:30 AM	0.00	0.00	0.0%	6,328.87	1582.22	66.2%	6,328.87	1582.22	66.2%
9:45 AM	0.00	0.00	0.0%	6,597.79	1649.45	69.0%	6,597.78	1649.45	69.0%
10:00 AM	0.00	0.00	0.0%	6,818.88	1704.72	71.3%	6,818.94	1704.73	71.3%
10:15 AM	0.00	0.00	0.0%	7,055.71	1763.93	73.8%	7,055.72	1763.93	73.8%
10:30 AM	0.00	0.00	0.0%	7,260.69	1815.17	76.0%	7,260.63	1815.16	76.0%
10:45 AM	0.00	0.00	0.0%	7,481.25	1870.31	78.3%	7,481.11	1870.28	78.3%
11:00 AM	0.00	0.00	0.0%	7,674.65	1918.66	80.3%	7,674.69	1918.67	80.3%
11:15 AM	0.00	0.00	0.0%	7,883.48	1970.87	82.5%	7,883.56	1970.89	82.5%
11:30 AM	0.00	0.00	0.0%	8,069.82	2017.45	84.4%	8,069.88	2017.47	84.4%
11:45 AM	0.00	0.00	0.0%	8,271.99	2068.00	86.5%	8,272.33	2068.08	86.5%
12:00 PM	0.00	0.00	0.0%	8,456.47	2114.12	88.5%	8,456.52	2114.13	88.5%
12:15 PM	0.00	0.00	0.0%	8,657.05	2164.26	90.6%	8,657.11	2164.28	90.6%
12:30 PM	0.00	0.00	0.0%	8,845.65	2211.41	92.5%	8,845.67	2211.42	92.5%
12:45 PM	0.00	0.00	0.0%	9,014.07	2253.52	94.3%	9,011.88	2252.97	94.3%
1:00 PM	0.00	0.00	0.0%	8,960.79	2240.20	93.7%	8,940.36	2235.09	93.5%
1:15 PM	0.00	0.00	0.0%	8,954.40	2238.60	93.7%	8,965.88	2241.47	93.8%
1:30 PM	0.00	0.00	0.0%	8,832.03	2208.01	92.4%	8,832.03	2208.01	92.4%
1:45 PM	0.00	0.00	0.0%	8,610.17	2152.54	90.1%	8,610.25	2152.56	90.1%
2:00 PM	0.00	0.00	0.0%	8,373.72	2093.43	87.6%	8,373.73	2093.43	87.6%
2:15 PM	0.00	0.00	0.0%	8,139.64	2034.91	85.2%	8,139.65	2034.91	85.2%
2:30 PM	0.00	0.00	0.0%	7,893.64	1973.41	82.6%	7,893.63	1973.41	82.6%
2:45 PM	0.00	0.00	0.0%	7,639.56	1909.89	79.9%	7,639.61	1909.90	79.9%
3:00 PM	0.00	0.00	0.0%	7,350.43	1837.61	76.9%	7,350.44	1837.61	76.9%
3:15 PM	0.00	0.00	0.0%	7,067.76	1766.94	73.9%	7,067.76	1766.94	73.9%
3:30 PM	0.00	0.00	0.0%	6,741.64	1685.41	70.5%	6,741.61	1685.40	70.5%
3:45 PM	0.00	0.00	0.0%	6,427.04	1606.76	67.2%	6,427.04	1606.76	67.2%
4:00 PM	0.00	0.00	0.0%	6,064.12	1516.03	63.4%	6,064.15	1516.04	63.4%
4:15 PM	0.00	0.00	0.0%	6,212.99	1553.25	65.0%	6,212.98	1553.24	65.0%
4:30 PM	0.00	0.00	0.0%	8,298.50	2074.63	86.8%	8,298.50	2074.63	86.8%
4:45 PM	0.00	0.00	0.0%	9,525.44	2381.36	99.6%	9,525.44	2381.36	99.6%
5:00 PM	0.00	0.00	0.0%	9,535.58	2383.90	99.8%	9,535.58	2383.90	99.8%
5:15 PM	0.00	0.00	0.0%	9,535.97	2097.91	99.8%	9,535.96	2097.91	99.8%
5:27 PM	0.00	0.00	0.0%	9,535.58	953.56	99.8%	9,535.58	953.56	99.8%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	0.00	0.00	0.0%	5,105.79	663.75	53.4%	5,105.79	663.75	53.4%
7:45 AM	0.00	0.00	0.0%	5,525.87	1381.47	57.8%	5,525.87	1381.47	57.8%
8:00 AM	0.00	0.00	0.0%	5,889.67	1472.42	61.6%	5,889.67	1472.42	61.6%
8:15 AM	0.00	0.00	0.0%	6,230.01	1557.50	65.2%	6,230.01	1557.50	65.2%
8:30 AM	0.00	0.00	0.0%	6,529.97	1632.49	68.3%	6,529.96	1632.49	68.3%
8:45 AM	0.00	0.00	0.0%	6,820.33	1705.08	71.3%	6,820.33	1705.08	71.3%
9:00 AM	0.00	0.00	0.0%	7,080.53	1770.13	74.1%	7,080.56	1770.14	74.1%
9:15 AM	0.00	0.00	0.0%	7,326.87	1831.72	76.6%	7,326.87	1831.72	76.6%
9:30 AM	0.00	0.00	0.0%	7,506.73	1876.68	78.5%	7,506.72	1876.68	78.5%
9:45 AM	0.00	0.00	0.0%	7,704.85	1926.21	80.6%	7,704.71	1926.18	80.6%
10:00 AM	0.00	0.00	0.0%	7,878.15	1969.54	82.4%	7,878.17	1969.54	82.4%
10:15 AM	0.00	0.00	0.0%	8,070.14	2017.53	84.4%	8,070.24	2017.56	84.4%
10:30 AM	0.00	0.00	0.0%	8,240.38	2060.10	86.2%	8,240.38	2060.10	86.2%
10:45 AM	0.00	0.00	0.0%	8,428.67	2107.17	88.2%	8,428.74	2107.19	88.2%
11:00 AM	0.00	0.00	0.0%	8,600.72	2150.18	90.0%	8,600.79	2150.20	90.0%
11:15 AM	0.00	0.00	0.0%	8,790.24	2197.56	92.0%	8,790.60	2197.65	92.0%
11:30 AM	0.00	0.00	0.0%	8,968.03	2242.01	93.8%	8,968.44	2242.11	93.8%
11:45 AM	0.00	0.00	0.0%	9,113.67	2278.42	95.3%	9,111.14	2277.78	95.3%
12:00 PM	0.00	0.00	0.0%	9,046.05	2261.51	94.6%	9,018.48	2254.62	94.3%
12:15 PM	0.00	0.00	0.0%	9,006.90	2251.72	94.2%	8,993.03	2248.26	94.1%
12:30 PM	0.00	0.00	0.0%	8,839.42	2209.85	92.5%	8,839.43	2209.86	92.5%
12:45 PM	0.00	0.00	0.0%	8,626.95	2156.74	90.2%	8,626.97	2156.74	90.2%
1:00 PM	0.00	0.00	0.0%	8,401.83	2100.46	87.9%	8,401.83	2100.46	87.9%
1:15 PM	0.00	0.00	0.0%	8,243.52	2060.88	86.2%	8,243.49	2060.87	86.2%
1:30 PM	0.00	0.00	0.0%	8,041.51	2010.38	84.1%	8,041.43	2010.36	84.1%
1:45 PM	0.00	0.00	0.0%	7,829.31	1957.33	81.9%	7,829.29	1957.32	81.9%
2:00 PM	0.00	0.00	0.0%	7,588.78	1897.20	79.4%	7,588.78	1897.20	79.4%
2:15 PM	0.00	0.00	0.0%	7,379.87	1844.97	77.2%	7,379.89	1844.97	77.2%
2:30 PM	0.00	0.00	0.0%	7,140.47	1785.12	74.7%	7,140.47	1785.12	74.7%
2:45 PM	0.00	0.00	0.0%	6,967.99	1742.00	72.9%	6,967.97	1741.99	72.9%
3:00 PM	0.00	0.00	0.0%	6,792.29	1698.07	71.1%	6,792.28	1698.07	71.1%
3:15 PM	0.00	0.00	0.0%	7,509.08	1877.27	78.6%	7,509.08	1877.27	78.6%
3:30 PM	0.00	0.00	0.0%	8,831.47	2207.87	92.4%	8,831.47	2207.87	92.4%
3:45 PM	0.00	0.00	0.0%	9,535.60	2383.90	99.8%	9,535.60	2383.90	99.8%
4:00 PM	0.00	0.00	0.0%	9,535.01	2383.75	99.7%	9,535.01	2383.75	99.7%
4:15 PM	0.00	0.00	0.0%	9,536.13	1430.42	99.8%	9,536.11	1430.42	99.8%
4:18 PM	0.00	0.00	0.0%	9,534.85	286.05	99.7%	9,534.85	286.05	99.7%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	0.00	0.00	0.0%	5,568.70	389.81	58.3%	5,568.69	389.81	58.3%
7:45 AM	0.00	0.00	0.0%	5,772.86	1096.84	60.4%	5,772.84	1096.84	60.4%
8:00 AM	0.00	0.00	0.0%	6,100.99	1525.25	63.8%	6,100.99	1525.25	63.8%
8:15 AM	0.00	0.00	0.0%	6,412.25	1603.06	67.1%	6,412.26	1603.06	67.1%
8:30 AM	0.00	0.00	0.0%	6,689.97	1672.49	70.0%	6,689.97	1672.49	70.0%
8:45 AM	0.00	0.00	0.0%	6,959.30	1739.82	72.8%	6,959.30	1739.82	72.8%
9:00 AM	0.00	0.00	0.0%	7,202.06	1800.52	75.3%	7,202.06	1800.52	75.3%
9:15 AM	0.00	0.00	0.0%	7,443.06	1860.77	77.9%	7,443.07	1860.77	77.9%
9:30 AM	0.00	0.00	0.0%	7,662.70	1915.68	80.2%	7,662.69	1915.67	80.2%
9:45 AM	0.00	0.00	0.0%	7,883.08	1970.77	82.5%	7,883.06	1970.76	82.5%
10:00 AM	0.00	0.00	0.0%	8,066.40	2016.60	84.4%	8,066.38	2016.60	84.4%
10:15 AM	0.00	0.00	0.0%	8,242.46	2060.61	86.2%	8,242.40	2060.60	86.2%
10:30 AM	0.00	0.00	0.0%	8,399.55	2099.89	87.9%	8,399.54	2099.89	87.9%
10:45 AM	0.00	0.00	0.0%	8,573.90	2143.47	89.7%	8,573.90	2143.47	89.7%
11:00 AM	0.00	0.00	0.0%	8,734.85	2183.71	91.4%	8,734.86	2183.72	91.4%
11:15 AM	0.00	0.00	0.0%	8,912.94	2228.24	93.2%	8,912.94	2228.24	93.2%
11:30 AM	0.00	0.00	0.0%	9,081.69	2270.42	95.0%	9,081.72	2270.43	95.0%
11:45 AM	0.00	0.00	0.0%	9,210.83	2302.71	96.4%	9,208.75	2302.19	96.3%
12:00 PM	0.00	0.00	0.0%	9,120.49	2280.12	95.4%	9,094.92	2273.73	95.1%
12:15 PM	0.00	0.00	0.0%	9,042.90	2260.73	94.6%	9,015.01	2253.75	94.3%
12:30 PM	0.00	0.00	0.0%	8,852.65	2213.16	92.6%	8,852.65	2213.16	92.6%
12:45 PM	0.00	0.00	0.0%	8,649.30	2162.32	90.5%	8,649.36	2162.34	90.5%
1:00 PM	0.00	0.00	0.0%	8,433.59	2108.40	88.2%	8,433.60	2108.40	88.2%
1:15 PM	0.00	0.00	0.0%	8,400.38	2100.10	87.9%	8,400.35	2100.09	87.9%
1:30 PM	0.00	0.00	0.0%	8,262.58	2065.64	86.4%	8,262.53	2065.63	86.4%
1:45 PM	0.00	0.00	0.0%	8,114.19	2028.55	84.9%	8,114.19	2028.55	84.9%
2:00 PM	0.00	0.00	0.0%	7,947.15	1986.79	83.1%	7,947.15	1986.79	83.1%
2:15 PM	0.00	0.00	0.0%	7,847.42	1961.85	82.1%	7,847.42	1961.86	82.1%
2:30 PM	0.00	0.00	0.0%	7,746.27	1936.57	81.0%	7,746.26	1936.56	81.0%
2:45 PM	0.00	0.00	0.0%	7,795.02	1948.76	81.5%	7,795.02	1948.76	81.5%
3:00 PM	0.00	0.00	0.0%	7,918.35	1979.59	82.8%	7,918.35	1979.59	82.8%
3:15 PM	0.00	0.00	0.0%	8,652.08	2163.02	90.5%	8,652.10	2163.02	90.5%
3:30 PM	0.00	0.00	0.0%	9,479.03	2369.76	99.2%	9,479.03	2369.76	99.2%
3:45 PM	0.00	0.00	0.0%	9,536.85	2384.21	99.8%	9,536.88	2384.22	99.8%
4:00 PM	0.00	0.00	0.0%	9,535.81	2002.52	99.8%	9,535.83	2002.52	99.8%
4:10 PM	0.00	0.00	0.0%	9,535.65	858.21	99.8%	9,535.65	858.21	99.8%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	0.00	0.00	0.0%	5,928.76	59.29	62.0%	5,928.77	59.29	62.0%
7:45 AM	0.00	0.00	0.0%	5,955.48	774.21	62.3%	5,955.47	774.21	62.3%
8:00 AM	0.00	0.00	0.0%	6,261.76	1565.44	65.5%	6,261.77	1565.44	65.5%
8:15 AM	0.00	0.00	0.0%	6,552.50	1638.13	68.5%	6,552.48	1638.12	68.5%
8:30 AM	0.00	0.00	0.0%	6,811.60	1702.90	71.3%	6,811.60	1702.90	71.3%
8:45 AM	0.00	0.00	0.0%	7,065.43	1766.36	73.9%	7,065.44	1766.36	73.9%
9:00 AM	0.00	0.00	0.0%	7,295.36	1823.84	76.3%	7,295.34	1823.84	76.3%
9:15 AM	0.00	0.00	0.0%	7,523.64	1880.91	78.7%	7,523.62	1880.90	78.7%
9:30 AM	0.00	0.00	0.0%	7,733.10	1933.27	80.9%	7,733.10	1933.27	80.9%
9:45 AM	0.00	0.00	0.0%	7,943.06	1985.77	83.1%	7,943.06	1985.76	83.1%
10:00 AM	0.00	0.00	0.0%	8,139.26	2034.82	85.1%	8,139.24	2034.81	85.1%
10:15 AM	0.00	0.00	0.0%	8,337.78	2084.45	87.2%	8,337.74	2084.44	87.2%
10:30 AM	0.00	0.00	0.0%	8,524.71	2131.18	89.2%	8,524.74	2131.18	89.2%
10:45 AM	0.00	0.00	0.0%	8,707.27	2176.82	91.1%	8,707.28	2176.82	91.1%
11:00 AM	0.00	0.00	0.0%	8,856.83	2214.21	92.7%	8,856.84	2214.21	92.7%
11:15 AM	0.00	0.00	0.0%	9,025.90	2256.47	94.4%	9,025.90	2256.48	94.4%
11:30 AM	0.00	0.00	0.0%	9,185.10	2296.27	96.1%	9,185.10	2296.27	96.1%
11:45 AM	0.00	0.00	0.0%	9,308.26	2327.07	97.4%	9,307.16	2326.79	97.4%
12:00 PM	0.00	0.00	0.0%	9,190.37	2297.59	96.1%	9,174.49	2293.62	96.0%
12:15 PM	0.00	0.00	0.0%	9,066.66	2266.66	94.8%	9,042.39	2260.60	94.6%
12:30 PM	0.00	0.00	0.0%	8,872.74	2218.19	92.8%	8,872.71	2218.18	92.8%
12:45 PM	0.00	0.00	0.0%	8,675.95	2168.99	90.8%	8,675.95	2168.99	90.8%
1:00 PM	0.00	0.00	0.0%	8,469.54	2117.39	88.6%	8,469.55	2117.39	88.6%
1:15 PM	0.00	0.00	0.0%	8,604.65	2151.16	90.0%	8,604.63	2151.16	90.0%
1:30 PM	0.00	0.00	0.0%	8,554.75	2138.69	89.5%	8,554.74	2138.69	89.5%
1:45 PM	0.00	0.00	0.0%	8,488.56	2122.14	88.8%	8,488.57	2122.14	88.8%
2:00 PM	0.00	0.00	0.0%	8,416.28	2104.07	88.0%	8,416.28	2104.07	88.0%
2:15 PM	0.00	0.00	0.0%	8,461.26	2115.32	88.5%	8,461.26	2115.31	88.5%
2:30 PM	0.00	0.00	0.0%	8,537.41	2134.35	89.3%	8,537.46	2134.36	89.3%
2:45 PM	0.00	0.00	0.0%	8,921.07	2230.27	93.3%	8,921.07	2230.27	93.3%
3:00 PM	0.00	0.00	0.0%	9,488.38	2372.09	99.3%	9,488.38	2372.09	99.3%
3:15 PM	0.00	0.00	0.0%	9,536.24	2384.06	99.8%	9,536.23	2384.06	99.8%
3:30 PM	0.00	0.00	0.0%	9,534.94	2383.74	99.7%	9,534.94	2383.74	99.7%
3:45 PM	0.00	0.00	0.0%	9,534.90	2383.73	99.7%	9,534.90	2383.73	99.7%
4:00 PM	0.00	0.00	0.0%	9,536.15	1430.42	99.8%	9,536.14	1430.42	99.8%
4:03 PM	0.00	0.00	0.0%	9,536.48	286.09	99.8%	9,536.48	286.09	99.8%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	0.00	0.00	0.0%	6,209.42	496.75	65.0%	6,209.42	496.75	65.0%
8:00 AM	0.00	0.00	0.0%	6,381.19	1276.24	66.8%	6,381.19	1276.24	66.8%
8:15 AM	0.00	0.00	0.0%	6,654.83	1663.71	69.6%	6,654.83	1663.71	69.6%
8:30 AM	0.00	0.00	0.0%	6,901.50	1725.38	72.2%	6,901.49	1725.37	72.2%
8:45 AM	0.00	0.00	0.0%	7,143.24	1785.81	74.7%	7,143.23	1785.81	74.7%
9:00 AM	0.00	0.00	0.0%	7,362.81	1840.70	77.0%	7,362.78	1840.70	77.0%
9:15 AM	0.00	0.00	0.0%	7,581.35	1895.34	79.3%	7,581.33	1895.33	79.3%
9:30 AM	0.00	0.00	0.0%	7,783.34	1945.84	81.4%	7,783.26	1945.81	81.4%
9:45 AM	0.00	0.00	0.0%	7,985.10	1996.27	83.5%	7,985.10	1996.27	83.5%
10:00 AM	0.00	0.00	0.0%	8,174.91	2043.73	85.5%	8,174.89	2043.72	85.5%
10:15 AM	0.00	0.00	0.0%	8,365.03	2091.26	87.5%	8,365.03	2091.26	87.5%
10:30 AM	0.00	0.00	0.0%	8,547.32	2136.83	89.4%	8,547.31	2136.83	89.4%
10:45 AM	0.00	0.00	0.0%	8,731.49	2182.87	91.3%	8,731.46	2182.86	91.3%
11:00 AM	0.00	0.00	0.0%	8,909.32	2227.33	93.2%	8,909.31	2227.33	93.2%
11:15 AM	0.00	0.00	0.0%	9,089.56	2272.39	95.1%	9,089.57	2272.39	95.1%
11:30 AM	0.00	0.00	0.0%	9,267.31	2316.83	96.9%	9,267.33	2316.83	96.9%
11:45 AM	0.00	0.00	0.0%	9,398.10	2349.52	98.3%	9,398.10	2349.52	98.3%
12:00 PM	0.00	0.00	0.0%	9,256.49	2314.12	96.8%	9,254.08	2313.52	96.8%
12:15 PM	0.00	0.00	0.0%	9,084.81	2271.20	95.0%	9,079.38	2269.85	95.0%
12:30 PM	0.00	0.00	0.0%	8,896.81	2224.20	93.1%	8,896.81	2224.20	93.1%
12:45 PM	0.00	0.00	0.0%	8,707.03	2176.76	91.1%	8,707.04	2176.76	91.1%
1:00 PM	0.00	0.00	0.0%	8,575.46	2143.86	89.7%	8,575.46	2143.86	89.7%
1:15 PM	0.00	0.00	0.0%	8,837.16	2209.29	92.4%	8,837.16	2209.29	92.4%
1:30 PM	0.00	0.00	0.0%	8,891.37	2222.84	93.0%	8,891.38	2222.85	93.0%
1:45 PM	0.00	0.00	0.0%	8,921.13	2230.28	93.3%	8,921.13	2230.28	93.3%
2:00 PM	0.00	0.00	0.0%	8,976.09	2244.02	93.9%	8,976.09	2244.02	93.9%
2:15 PM	0.00	0.00	0.0%	9,268.28	2317.07	97.0%	9,268.32	2317.08	97.0%
2:30 PM	0.00	0.00	0.0%	9,535.58	2383.89	99.8%	9,535.59	2383.90	99.8%
2:45 PM	0.00	0.00	0.0%	9,535.59	2383.90	99.8%	9,535.59	2383.90	99.8%
3:00 PM	0.00	0.00	0.0%	9,535.64	2383.91	99.8%	9,535.64	2383.91	99.8%
3:15 PM	0.00	0.00	0.0%	9,536.23	2384.06	99.8%	9,536.22	2384.06	99.8%
3:30 PM	0.00	0.00	0.0%	9,535.21	2383.80	99.8%	9,535.21	2383.80	99.8%
3:45 PM	0.00	0.00	0.0%	9,536.00	2193.28	99.8%	9,536.01	2193.28	99.8%
3:57 PM	0.00	0.00	0.0%	9,536.17	1048.98	99.8%	9,536.19	1048.98	99.8%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	0.00	0.00	0.0%	6,424.77	128.50	67.2%	6,424.77	128.50	67.2%
8:00 AM	0.00	0.00	0.0%	6,463.09	969.46	67.6%	6,463.11	969.47	67.6%
8:15 AM	0.00	0.00	0.0%	6,724.74	1681.19	70.3%	6,724.74	1681.19	70.3%
8:30 AM	0.00	0.00	0.0%	6,961.40	1740.35	72.8%	6,961.42	1740.35	72.8%
8:45 AM	0.00	0.00	0.0%	7,193.18	1798.30	75.3%	7,193.18	1798.30	75.3%
9:00 AM	0.00	0.00	0.0%	7,405.48	1851.37	77.5%	7,405.48	1851.37	77.5%
9:15 AM	0.00	0.00	0.0%	7,616.24	1904.06	79.7%	7,616.24	1904.06	79.7%
9:30 AM	0.00	0.00	0.0%	7,812.17	1953.04	81.7%	7,812.16	1953.04	81.7%
9:45 AM	0.00	0.00	0.0%	8,009.07	2002.27	83.8%	8,009.02	2002.26	83.8%
10:00 AM	0.00	0.00	0.0%	8,192.94	2048.24	85.7%	8,192.90	2048.23	85.7%
10:15 AM	0.00	0.00	0.0%	8,377.91	2094.48	87.6%	8,377.91	2094.48	87.6%
10:30 AM	0.00	0.00	0.0%	8,555.11	2138.78	89.5%	8,555.11	2138.78	89.5%
10:45 AM	0.00	0.00	0.0%	8,735.10	2183.78	91.4%	8,735.10	2183.78	91.4%
11:00 AM	0.00	0.00	0.0%	8,907.88	2226.97	93.2%	8,907.90	2226.97	93.2%
11:15 AM	0.00	0.00	0.0%	9,083.87	2270.97	95.0%	9,083.89	2270.97	95.0%
11:30 AM	0.00	0.00	0.0%	9,257.01	2314.25	96.8%	9,257.02	2314.26	96.8%
11:45 AM	0.00	0.00	0.0%	9,403.79	2350.95	98.4%	9,403.80	2350.95	98.4%
12:00 PM	0.00	0.00	0.0%	9,287.60	2321.90	97.2%	9,287.59	2321.90	97.2%
12:15 PM	0.00	0.00	0.0%	9,108.76	2277.19	95.3%	9,108.76	2277.19	95.3%
12:30 PM	0.00	0.00	0.0%	8,926.92	2231.73	93.4%	8,926.92	2231.73	93.4%
12:45 PM	0.00	0.00	0.0%	8,743.25	2185.81	91.5%	8,743.21	2185.80	91.5%
1:00 PM	0.00	0.00	0.0%	8,693.53	2173.38	90.9%	8,693.54	2173.39	90.9%
1:15 PM	0.00	0.00	0.0%	9,069.76	2267.44	94.9%	9,069.74	2267.43	94.9%
1:30 PM	0.00	0.00	0.0%	9,246.92	2311.73	96.7%	9,246.93	2311.73	96.7%
1:45 PM	0.00	0.00	0.0%	9,420.53	2355.13	98.6%	9,420.53	2355.13	98.6%
2:00 PM	0.00	0.00	0.0%	9,535.00	2383.75	99.7%	9,535.00	2383.75	99.7%
2:15 PM	0.00	0.00	0.0%	9,535.55	2383.89	99.8%	9,535.55	2383.89	99.8%
2:30 PM	0.00	0.00	0.0%	9,537.00	2384.25	99.8%	9,537.00	2384.25	99.8%
2:45 PM	0.00	0.00	0.0%	9,535.00	2383.75	99.7%	9,535.00	2383.75	99.7%
3:00 PM	0.00	0.00	0.0%	9,536.29	2384.07	99.8%	9,536.28	2384.07	99.8%
3:15 PM	0.00	0.00	0.0%	9,536.13	2384.03	99.8%	9,536.12	2384.03	99.8%
3:30 PM	0.00	0.00	0.0%	9,535.56	2383.89	99.8%	9,535.56	2383.89	99.8%
3:45 PM	0.00	0.00	0.0%	9,534.94	1906.99	99.7%	9,534.94	1906.99	99.7%
3:54 PM	0.00	0.00	0.0%	9,535.00	762.80	99.7%	9,535.00	762.80	99.7%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	0.00	0.00	0.0%	6,584.69	592.62	68.9%	6,584.70	592.62	68.9%
8:15 AM	0.00	0.00	0.0%	6,764.58	1420.56	70.8%	6,764.59	1420.56	70.8%
8:30 AM	0.00	0.00	0.0%	6,993.08	1748.27	73.2%	6,993.10	1748.27	73.2%
8:45 AM	0.00	0.00	0.0%	7,219.56	1804.89	75.5%	7,219.57	1804.89	75.5%
9:00 AM	0.00	0.00	0.0%	7,425.78	1856.44	77.7%	7,425.78	1856.44	77.7%
9:15 AM	0.00	0.00	0.0%	7,632.83	1908.21	79.8%	7,632.74	1908.18	79.8%
9:30 AM	0.00	0.00	0.0%	7,823.46	1955.86	81.8%	7,823.43	1955.86	81.8%
9:45 AM	0.00	0.00	0.0%	8,015.44	2003.86	83.9%	8,015.44	2003.86	83.9%
10:00 AM	0.00	0.00	0.0%	8,195.55	2048.89	85.7%	8,195.55	2048.89	85.7%
10:15 AM	0.00	0.00	0.0%	8,377.57	2094.39	87.6%	8,377.57	2094.39	87.6%
10:30 AM	0.00	0.00	0.0%	8,550.44	2137.61	89.4%	8,550.44	2137.61	89.4%
10:45 AM	0.00	0.00	0.0%	8,726.66	2181.66	91.3%	8,726.66	2181.66	91.3%
11:00 AM	0.00	0.00	0.0%	8,896.60	2224.15	93.1%	8,896.60	2224.15	93.1%
11:15 AM	0.00	0.00	0.0%	9,069.78	2267.45	94.9%	9,069.77	2267.44	94.9%
11:30 AM	0.00	0.00	0.0%	9,238.77	2309.69	96.6%	9,238.78	2309.69	96.6%
11:45 AM	0.00	0.00	0.0%	9,390.57	2347.64	98.2%	9,390.58	2347.64	98.2%
12:00 PM	0.00	0.00	0.0%	9,334.19	2333.55	97.6%	9,334.17	2333.54	97.6%
12:15 PM	0.00	0.00	0.0%	9,151.47	2287.87	95.7%	9,151.39	2287.85	95.7%
12:30 PM	0.00	0.00	0.0%	8,961.52	2240.38	93.7%	8,961.47	2240.37	93.7%
12:45 PM	0.00	0.00	0.0%	8,781.84	2195.46	91.9%	8,781.78	2195.44	91.9%
1:00 PM	0.00	0.00	0.0%	8,770.78	2192.69	91.8%	8,770.72	2192.68	91.8%
1:15 PM	0.00	0.00	0.0%	9,260.01	2315.00	96.9%	9,260.01	2315.00	96.9%
1:30 PM	0.00	0.00	0.0%	9,498.18	2374.55	99.4%	9,498.17	2374.54	99.4%
1:45 PM	0.00	0.00	0.0%	9,535.67	2383.92	99.8%	9,535.67	2383.92	99.8%
2:00 PM	0.00	0.00	0.0%	9,535.62	2383.90	99.8%	9,535.63	2383.91	99.8%
2:15 PM	0.00	0.00	0.0%	9,535.63	2383.91	99.8%	9,535.63	2383.91	99.8%
2:30 PM	0.00	0.00	0.0%	9,535.00	2383.75	99.7%	9,535.00	2383.75	99.7%
2:45 PM	0.00	0.00	0.0%	9,534.93	2383.73	99.7%	9,534.93	2383.73	99.7%
3:00 PM	0.00	0.00	0.0%	9,535.55	2383.89	99.8%	9,535.55	2383.89	99.8%
3:15 PM	0.00	0.00	0.0%	9,534.98	2383.74	99.7%	9,534.98	2383.74	99.7%
3:30 PM	0.00	0.00	0.0%	9,535.58	2383.89	99.8%	9,535.58	2383.89	99.8%
3:45 PM	0.00	0.00	0.0%	9,535.57	1716.40	99.8%	9,535.57	1716.40	99.8%
3:51 PM	0.00	0.00	0.0%	9,536.31	476.82	99.8%	9,536.31	476.82	99.8%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	0.00	0.00	0.0%	6,696.62	267.86	70.1%	6,696.63	267.87	70.1%
8:15 AM	0.00	0.00	0.0%	6,774.37	1151.64	70.9%	6,774.35	1151.64	70.9%
8:30 AM	0.00	0.00	0.0%	7,000.14	1750.03	73.2%	7,000.13	1750.03	73.2%
8:45 AM	0.00	0.00	0.0%	7,222.96	1805.74	75.6%	7,222.96	1805.74	75.6%
9:00 AM	0.00	0.00	0.0%	7,426.38	1856.59	77.7%	7,426.37	1856.59	77.7%
9:15 AM	0.00	0.00	0.0%	7,629.49	1907.37	79.8%	7,629.47	1907.37	79.8%
9:30 AM	0.00	0.00	0.0%	7,818.47	1954.62	81.8%	7,818.42	1954.61	81.8%
9:45 AM	0.00	0.00	0.0%	8,007.25	2001.81	83.8%	8,007.25	2001.81	83.8%
10:00 AM	0.00	0.00	0.0%	8,184.89	2046.22	85.6%	8,184.89	2046.22	85.6%
10:15 AM	0.00	0.00	0.0%	8,364.56	2091.14	87.5%	8,364.57	2091.14	87.5%
10:30 AM	0.00	0.00	0.0%	8,535.49	2133.87	89.3%	8,535.49	2133.87	89.3%
10:45 AM	0.00	0.00	0.0%	8,708.31	2177.08	91.1%	8,708.31	2177.08	91.1%
11:00 AM	0.00	0.00	0.0%	8,876.31	2219.08	92.9%	8,876.31	2219.08	92.9%
11:15 AM	0.00	0.00	0.0%	9,046.37	2261.59	94.6%	9,046.37	2261.59	94.6%
11:30 AM	0.00	0.00	0.0%	9,212.83	2303.21	96.4%	9,212.83	2303.21	96.4%
11:45 AM	0.00	0.00	0.0%	9,382.71	2345.68	98.2%	9,382.71	2345.68	98.2%
12:00 PM	0.00	0.00	0.0%	9,334.03	2333.51	97.6%	9,334.05	2333.51	97.6%
12:15 PM	0.00	0.00	0.0%	9,169.19	2292.30	95.9%	9,169.20	2292.30	95.9%
12:30 PM	0.00	0.00	0.0%	8,998.14	2249.53	94.1%	8,998.14	2249.53	94.1%
12:45 PM	0.00	0.00	0.0%	8,822.49	2205.62	92.3%	8,822.48	2205.62	92.3%
1:00 PM	0.00	0.00	0.0%	8,772.53	2193.13	91.8%	8,772.53	2193.13	91.8%
1:15 PM	0.00	0.00	0.0%	9,289.39	2322.35	97.2%	9,289.39	2322.35	97.2%
1:30 PM	0.00	0.00	0.0%	9,507.81	2376.95	99.5%	9,507.80	2376.95	99.5%
1:45 PM	0.00	0.00	0.0%	9,535.57	2383.89	99.8%	9,535.57	2383.89	99.8%
2:00 PM	0.00	0.00	0.0%	9,535.55	2383.89	99.8%	9,535.54	2383.89	99.8%
2:15 PM	0.00	0.00	0.0%	9,536.29	2384.07	99.8%	9,536.29	2384.07	99.8%
2:30 PM	0.00	0.00	0.0%	9,535.59	2383.90	99.8%	9,535.59	2383.90	99.8%
2:45 PM	0.00	0.00	0.0%	9,536.28	2384.07	99.8%	9,536.29	2384.07	99.8%
3:00 PM	0.00	0.00	0.0%	9,536.28	2384.07	99.8%	9,536.30	2384.07	99.8%
3:15 PM	0.00	0.00	0.0%	9,536.74	2384.18	99.8%	9,536.73	2384.18	99.8%
3:30 PM	0.00	0.00	0.0%	9,536.17	2384.04	99.8%	9,536.19	2384.05	99.8%
3:45 PM	0.00	0.00	0.0%	9,536.34	1621.18	99.8%	9,536.34	1621.18	99.8%
3:51 PM	0.00	0.00	0.0%	9,536.31	476.82	99.8%	9,536.31	476.82	99.8%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	0.00	0.00	0.0%	6,764.74	811.77	70.8%	6,764.74	811.77	70.8%
8:30 AM	0.00	0.00	0.0%	6,962.98	1740.74	72.8%	6,962.98	1740.74	72.8%
8:45 AM	0.00	0.00	0.0%	6,833.81	1708.45	71.5%	6,833.81	1708.45	71.5%
9:00 AM	0.00	0.00	0.0%	7,283.20	1820.80	76.2%	7,283.21	1820.80	76.2%
9:15 AM	0.00	0.00	0.0%	7,266.43	1816.61	76.0%	7,266.43	1816.61	76.0%
9:30 AM	0.00	0.00	0.0%	7,796.55	1949.14	81.6%	7,796.47	1949.12	81.6%
9:45 AM	0.00	0.00	0.0%	7,666.94	1916.73	80.2%	7,666.94	1916.73	80.2%
10:00 AM	0.00	0.00	0.0%	8,161.49	2040.37	85.4%	8,161.44	2040.36	85.4%
10:15 AM	0.00	0.00	0.0%	8,339.46	2084.86	87.2%	8,339.46	2084.86	87.2%
10:30 AM	0.00	0.00	0.0%	8,508.52	2127.13	89.0%	8,508.52	2127.13	89.0%
10:45 AM	0.00	0.00	0.0%	8,681.24	2170.31	90.8%	8,681.24	2170.31	90.8%
11:00 AM	0.00	0.00	0.0%	8,847.42	2211.85	92.6%	8,847.42	2211.85	92.6%
11:15 AM	0.00	0.00	0.0%	9,016.61	2254.15	94.3%	9,016.62	2254.15	94.3%
11:30 AM	0.00	0.00	0.0%	9,181.40	2295.35	96.0%	9,181.40	2295.35	96.0%
11:45 AM	0.00	0.00	0.0%	9,349.13	2337.28	97.8%	9,349.13	2337.28	97.8%
12:00 PM	0.00	0.00	0.0%	9,380.66	2345.16	98.1%	9,380.66	2345.16	98.1%
12:15 PM	0.00	0.00	0.0%	9,210.46	2302.61	96.4%	9,210.46	2302.61	96.4%
12:30 PM	0.00	0.00	0.0%	9,038.10	2259.53	94.6%	9,038.11	2259.53	94.6%
12:45 PM	0.00	0.00	0.0%	8,864.03	2216.01	92.7%	8,864.03	2216.01	92.7%
1:00 PM	0.00	0.00	0.0%	8,693.92	2173.48	90.9%	8,693.92	2173.48	90.9%
1:15 PM	0.00	0.00	0.0%	9,260.25	2315.06	96.9%	9,260.25	2315.06	96.9%
1:30 PM	0.00	0.00	0.0%	9,502.94	2375.74	99.4%	9,502.97	2375.74	99.4%
1:45 PM	0.00	0.00	0.0%	9,535.53	2383.88	99.8%	9,535.53	2383.88	99.8%
2:00 PM	0.00	0.00	0.0%	9,535.58	2383.90	99.8%	9,535.58	2383.90	99.8%
2:15 PM	0.00	0.00	0.0%	9,535.66	2383.91	99.8%	9,535.66	2383.91	99.8%
2:30 PM	0.00	0.00	0.0%	9,536.31	2384.08	99.8%	9,536.31	2384.08	99.8%
2:45 PM	0.00	0.00	0.0%	9,535.00	2383.75	99.7%	9,535.00	2383.75	99.7%
3:00 PM	0.00	0.00	0.0%	9,535.63	2383.91	99.8%	9,535.63	2383.91	99.8%
3:15 PM	0.00	0.00	0.0%	9,536.26	2384.07	99.8%	9,536.26	2384.07	99.8%
3:30 PM	0.00	0.00	0.0%	9,536.11	2384.03	99.8%	9,536.11	2384.03	99.8%
3:45 PM	0.00	0.00	0.0%	9,536.35	1716.54	99.8%	9,536.35	1716.54	99.8%
3:52 PM	0.00	0.00	0.0%	9,534.71	572.08	99.7%	9,534.71	572.08	99.7%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	0.00	0.00	0.0%	6,789.91	543.19	71.0%	6,789.89	543.19	71.0%
8:30 AM	0.00	0.00	0.0%	6,944.01	1458.24	72.6%	6,944.01	1458.24	72.6%
8:45 AM	0.00	0.00	0.0%	7,167.51	1791.88	75.0%	7,167.50	1791.88	75.0%
9:00 AM	0.00	0.00	0.0%	7,370.22	1842.55	77.1%	7,370.22	1842.56	77.1%
9:15 AM	0.00	0.00	0.0%	7,573.01	1893.25	79.2%	7,573.01	1893.25	79.2%
9:30 AM	0.00	0.00	0.0%	7,760.91	1940.23	81.2%	7,760.89	1940.22	81.2%
9:45 AM	0.00	0.00	0.0%	7,949.08	1987.27	83.2%	7,949.08	1987.27	83.2%
10:00 AM	0.00	0.00	0.0%	8,126.41	2031.60	85.0%	8,126.40	2031.60	85.0%
10:15 AM	0.00	0.00	0.0%	8,305.60	2076.40	86.9%	8,305.56	2076.39	86.9%
10:30 AM	0.00	0.00	0.0%	8,474.70	2118.68	88.7%	8,474.70	2118.68	88.7%
10:45 AM	0.00	0.00	0.0%	8,647.32	2161.83	90.5%	8,647.32	2161.83	90.5%
11:00 AM	0.00	0.00	0.0%	8,813.15	2203.29	92.2%	8,813.13	2203.28	92.2%
11:15 AM	0.00	0.00	0.0%	8,980.78	2245.20	94.0%	8,980.78	2245.20	94.0%
11:30 AM	0.00	0.00	0.0%	9,145.59	2286.40	95.7%	9,145.59	2286.40	95.7%
11:45 AM	0.00	0.00	0.0%	9,313.30	2328.32	97.4%	9,313.31	2328.33	97.4%
12:00 PM	0.00	0.00	0.0%	9,408.22	2352.05	98.4%	9,408.22	2352.05	98.4%
12:15 PM	0.00	0.00	0.0%	9,248.87	2312.22	96.8%	9,248.87	2312.22	96.8%
12:30 PM	0.00	0.00	0.0%	9,077.75	2269.44	95.0%	9,077.74	2269.44	95.0%
12:45 PM	0.00	0.00	0.0%	8,904.44	2226.11	93.2%	8,904.44	2226.11	93.2%
1:00 PM	0.00	0.00	0.0%	8,726.30	2181.57	91.3%	8,726.30	2181.57	91.3%
1:15 PM	0.00	0.00	0.0%	9,187.24	2296.81	96.1%	9,187.23	2296.81	96.1%
1:30 PM	0.00	0.00	0.0%	9,479.60	2369.90	99.2%	9,479.60	2369.90	99.2%
1:45 PM	0.00	0.00	0.0%	9,534.96	2383.74	99.7%	9,534.96	2383.74	99.7%
2:00 PM	0.00	0.00	0.0%	9,535.53	2383.88	99.8%	9,535.53	2383.88	99.8%
2:15 PM	0.00	0.00	0.0%	9,534.97	2383.74	99.7%	9,534.97	2383.74	99.7%
2:30 PM	0.00	0.00	0.0%	9,535.61	2383.90	99.8%	9,535.61	2383.90	99.8%
2:45 PM	0.00	0.00	0.0%	9,536.37	2384.09	99.8%	9,536.37	2384.09	99.8%
3:00 PM	0.00	0.00	0.0%	9,535.72	2383.93	99.8%	9,535.72	2383.93	99.8%
3:15 PM	0.00	0.00	0.0%	9,534.94	2383.73	99.7%	9,534.94	2383.73	99.7%
3:30 PM	0.00	0.00	0.0%	9,535.67	2383.92	99.8%	9,535.67	2383.92	99.8%
3:45 PM	0.00	0.00	0.0%	9,535.62	2002.48	99.8%	9,535.62	2002.48	99.8%
3:54 PM	0.00	0.00	0.0%	9,535.57	762.85	99.8%	9,535.57	762.85	99.8%

APPENDIX 10: SHADOW CALCULATIONS FOR CHANNEL WHARF (PROPOSED BY PROJECT)

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	1,159.94	127.59	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	770.72	177.26	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	765.80	191.45	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	765.97	191.49	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	766.12	191.53	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	766.26	191.57	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	766.42	191.60	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	766.58	191.65	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	766.74	191.68	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	773.72	193.43	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	801.25	200.31	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	824.43	206.11	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	845.62	211.40	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	862.68	215.67	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	879.20	219.80	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	891.65	222.91	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	904.56	226.14	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	913.01	228.25	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	923.24	230.81	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	928.17	232.04	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	936.42	234.11	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	937.90	234.47	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	944.63	236.16	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	932.00	233.00	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	919.31	229.83	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	898.33	224.58	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	900.60	225.15	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	905.86	226.47	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	918.35	229.59	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	921.60	230.40	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	931.16	232.79	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	932.73	233.18	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	939.03	234.76	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	938.75	234.69	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	941.61	235.40	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	938.90	234.72	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	937.75	234.44	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	931.51	232.88	3.8%	0.00	0.00	0.0%	1,126.90	281.73	4.6%
4:15 PM	925.44	231.36	3.7%	0.00	0.00	0.0%	3,205.11	801.28	12.9%
4:30 PM	919.85	229.96	3.7%	1,653.17	413.29	6.7%	5,569.44	1392.36	22.5%
4:45 PM	936.14	234.03	3.8%	3,835.82	958.95	15.5%	8,388.11	2097.03	33.9%
5:00 PM	952.34	238.09	3.8%	6,253.69	1563.42	25.3%	11,829.01	2957.25	47.8%
5:15 PM	968.97	242.24	3.9%	9,494.58	2373.65	38.4%	15,916.47	3979.12	64.3%
5:30 PM	985.19	246.30	4.0%	13,116.08	3279.02	53.0%	18,330.76	4582.69	74.0%
5:45 PM	1,000.88	250.22	4.0%	16,644.31	4161.08	67.2%	18,914.52	4728.63	76.4%
6:00 PM	1,017.50	254.38	4.1%	18,764.65	4691.16	75.8%	19,597.56	4899.39	79.2%
6:15 PM	1,146.78	286.69	4.6%	19,502.67	4875.67	78.8%	20,132.51	5033.13	81.3%
6:30 PM	1,294.00	323.50	5.2%	20,324.43	5081.11	82.1%	20,518.07	5129.52	82.9%
6:45 PM	1,447.21	361.80	5.8%	21,005.93	5251.48	84.9%	20,964.65	5241.16	84.7%
7:00 PM	1,592.05	398.01	6.4%	21,495.61	5373.90	86.8%	21,495.56	5373.89	86.8%
7:15 PM	1,715.33	514.60	6.9%	22,102.81	6630.84	89.3%	22,102.81	6630.84	89.3%
7:36 PM	11,892.23	2140.60	48.0%	12,871.42	2316.86	52.0%	12,871.42	2316.86	52.0%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	1,111.36	111.14	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	771.09	169.64	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	765.81	191.45	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	765.96	191.49	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	766.11	191.53	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	766.27	191.57	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	766.42	191.60	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	766.58	191.64	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	766.73	191.68	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	773.15	193.29	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	801.01	200.25	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	824.42	206.10	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	845.84	211.46	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	863.20	215.80	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	879.89	219.97	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	892.47	223.12	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	905.56	226.39	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	914.17	228.54	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	924.56	231.14	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	929.58	232.39	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	937.90	234.48	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	939.55	234.89	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	946.35	236.59	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	935.82	233.95	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	922.87	230.72	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	902.03	225.51	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	901.52	225.38	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	906.96	226.74	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	919.58	229.90	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	922.99	230.75	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	932.76	233.19	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	934.49	233.62	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	941.01	235.25	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	940.90	235.23	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	944.02	236.01	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	941.52	235.38	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	940.71	235.18	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	934.80	233.70	3.8%	0.00	0.00	0.0%	976.98	244.24	3.9%
4:15 PM	929.10	232.27	3.8%	0.00	0.00	0.0%	3,033.51	758.38	12.3%
4:30 PM	919.11	229.78	3.7%	1,502.85	375.71	6.1%	5,362.70	1340.68	21.7%
4:45 PM	935.51	233.88	3.8%	3,672.88	918.22	14.8%	8,135.85	2033.96	32.9%
5:00 PM	951.77	237.94	3.8%	6,074.28	1518.57	24.5%	11,514.15	2878.54	46.5%
5:15 PM	968.53	242.13	3.9%	9,168.73	2292.18	37.0%	15,588.90	3897.23	63.0%
5:30 PM	984.94	246.24	4.0%	12,824.99	3206.25	51.8%	18,237.51	4559.38	73.7%
5:45 PM	1,000.90	250.22	4.0%	16,381.48	4095.37	66.2%	18,844.61	4711.15	76.1%
6:00 PM	1,015.34	253.84	4.1%	18,696.76	4674.19	75.5%	19,518.15	4879.54	78.8%
6:15 PM	1,131.32	282.83	4.6%	19,428.01	4857.00	78.5%	20,069.38	5017.34	81.1%
6:30 PM	1,277.01	319.25	5.2%	20,241.35	5060.34	81.8%	20,456.76	5114.19	82.6%
6:45 PM	1,429.76	357.44	5.8%	20,936.04	5234.01	84.6%	20,895.73	5223.93	84.4%
7:00 PM	1,574.08	393.52	6.4%	21,422.91	5355.73	86.5%	21,422.85	5355.71	86.5%
7:15 PM	1,699.01	509.70	6.9%	22,033.69	6610.11	89.0%	22,033.69	6610.11	89.0%
7:36 PM	12,065.86	2171.86	48.7%	12,697.72	2285.59	51.3%	12,697.72	2285.59	51.3%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	968.49	58.11	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	770.07	146.31	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	765.81	191.45	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	765.99	191.50	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	766.14	191.53	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	766.29	191.57	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	766.44	191.61	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	766.60	191.65	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	766.75	191.69	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	777.76	194.44	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	805.89	201.47	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	829.49	207.37	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	851.12	212.78	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	868.55	217.14	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	885.36	221.34	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	897.99	224.50	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	911.14	227.78	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	919.85	229.96	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	930.24	232.56	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	935.40	233.85	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	943.78	235.94	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	945.55	236.39	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	952.35	238.09	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	943.81	235.95	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	930.42	232.61	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	909.50	227.38	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	906.66	226.66	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	912.37	228.09	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	925.15	231.29	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	928.92	232.23	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	938.96	234.74	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	940.92	235.23	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	947.84	236.96	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	948.03	237.01	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	951.58	237.89	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	949.44	237.36	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	949.12	237.28	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	943.69	235.92	3.8%	0.00	0.00	0.0%	943.44	235.86	3.8%
4:15 PM	938.68	234.67	3.8%	0.00	0.00	0.0%	2,988.95	747.24	12.1%
4:30 PM	928.38	232.09	3.8%	1,496.53	374.13	6.0%	5,307.47	1326.87	21.4%
4:45 PM	936.98	234.24	3.8%	3,674.44	918.61	14.8%	8,033.06	2008.27	32.5%
5:00 PM	953.78	238.44	3.9%	6,084.12	1521.03	24.6%	11,378.51	2844.63	46.0%
5:15 PM	970.85	242.71	3.9%	9,026.65	2256.66	36.5%	15,522.22	3880.55	62.7%
5:30 PM	987.74	246.94	4.0%	12,709.95	3177.49	51.3%	18,118.98	4529.74	73.2%
5:45 PM	1,004.38	251.09	4.1%	16,350.24	4087.56	66.0%	18,764.44	4691.11	75.8%
6:00 PM	1,019.59	254.90	4.1%	18,643.31	4660.83	75.3%	19,418.23	4854.56	78.4%
6:15 PM	1,115.29	278.82	4.5%	19,371.10	4842.78	78.3%	19,971.78	4992.95	80.7%
6:30 PM	1,258.45	314.61	5.1%	20,160.67	5040.17	81.4%	20,354.51	5088.63	82.2%
6:45 PM	1,409.33	352.33	5.7%	20,830.37	5207.59	84.1%	20,790.90	5197.73	84.0%
7:00 PM	1,550.18	387.55	6.3%	21,312.87	5328.22	86.1%	21,312.81	5328.20	86.1%
7:15 PM	1,669.38	500.81	6.7%	21,917.28	6575.18	88.5%	21,917.26	6575.18	88.5%
7:36 PM	12,140.35	2185.26	49.0%	12,623.19	2272.17	51.0%	12,623.19	2272.17	51.0%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	817.52	24.53	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	768.09	115.21	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	765.86	191.47	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	766.02	191.51	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	766.17	191.54	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	766.33	191.58	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	766.49	191.62	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	766.64	191.66	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	766.79	191.70	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	787.85	196.96	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	816.10	204.03	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	839.64	209.91	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	861.33	215.33	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	878.81	219.70	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	895.61	223.90	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	908.26	227.06	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	921.42	230.36	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	930.06	232.52	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	940.45	235.11	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	945.64	236.41	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	954.04	238.51	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	955.87	238.97	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	962.64	240.66	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	955.55	238.89	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	941.83	235.46	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	920.81	230.20	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	915.90	228.98	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	922.17	230.54	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	935.13	233.78	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	939.30	234.82	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	949.70	237.43	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	952.03	238.01	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	959.44	239.86	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	960.08	240.02	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	964.19	241.05	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	962.60	240.65	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	963.01	240.75	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	958.26	239.57	3.9%	0.00	0.00	0.0%	1,026.25	256.56	4.1%
4:15 PM	954.09	238.52	3.9%	0.00	0.00	0.0%	3,072.05	768.01	12.4%
4:30 PM	944.66	236.16	3.8%	1,638.40	409.60	6.6%	5,395.81	1348.95	21.8%
4:45 PM	940.74	235.19	3.8%	3,843.99	961.00	15.5%	8,076.55	2019.14	32.6%
5:00 PM	958.08	239.52	3.9%	6,284.17	1571.04	25.4%	11,414.74	2853.68	46.1%
5:15 PM	975.94	243.99	3.9%	9,045.85	2261.46	36.5%	15,542.87	3885.72	62.8%
5:30 PM	993.76	248.44	4.0%	12,792.69	3198.17	51.7%	17,971.89	4492.97	72.6%
5:45 PM	1,011.41	252.85	4.1%	16,582.43	4145.61	67.0%	18,669.79	4667.45	75.4%
6:00 PM	1,027.85	256.96	4.2%	18,600.77	4650.19	75.1%	19,296.50	4824.12	77.9%
6:15 PM	1,099.92	274.98	4.4%	19,323.74	4830.94	78.1%	19,837.07	4959.27	80.1%
6:30 PM	1,239.31	309.83	5.0%	20,076.50	5019.12	81.1%	20,212.67	5053.17	81.7%
6:45 PM	1,387.09	346.77	5.6%	20,685.39	5171.35	83.6%	20,652.08	5163.02	83.4%
7:00 PM	1,521.26	380.32	6.1%	21,168.54	5292.14	85.5%	21,168.51	5292.13	85.5%
7:15 PM	1,629.99	456.40	6.6%	21,793.25	6102.11	88.0%	21,793.25	6102.11	88.0%
7:33 PM	11,984.56	1797.68	48.4%	12,779.05	1916.86	51.6%	12,779.05	1916.86	51.6%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	765.93	99.57	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:16 AM	765.94	183.83	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	766.09	183.86	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	766.24	191.56	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	766.40	191.60	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	766.56	191.64	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	766.73	191.68	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	772.47	193.12	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	803.83	200.96	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	832.14	208.03	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	855.38	213.85	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	876.99	219.25	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	894.24	223.56	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	910.96	227.74	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	923.38	230.85	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	936.51	234.13	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	944.94	236.24	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	955.37	238.84	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	960.38	240.10	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	968.76	242.19	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	970.49	242.62	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	977.22	244.31	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	971.09	242.77	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	956.93	239.23	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	935.60	233.90	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	929.75	232.44	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	936.34	234.09	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	949.53	237.38	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	954.32	238.58	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	965.02	241.26	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	967.95	241.99	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	975.90	243.97	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	977.09	244.27	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	981.93	245.48	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	980.96	245.24	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	982.34	245.59	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	978.37	244.59	4.0%	0.00	0.00	0.0%	1,244.33	311.08	5.0%
4:15 PM	975.26	243.82	3.9%	48.79	12.20	0.2%	3,304.83	826.21	13.4%
4:30 PM	966.97	241.74	3.9%	1,956.99	489.25	7.9%	5,653.35	1413.34	22.8%
4:45 PM	957.85	239.46	3.9%	4,217.28	1054.32	17.0%	8,347.58	2086.89	33.7%
5:00 PM	965.38	241.34	3.9%	6,710.65	1677.66	27.1%	11,653.70	2913.43	47.1%
5:15 PM	984.40	246.10	4.0%	9,551.34	2387.84	38.6%	15,828.75	3957.19	63.9%
5:30 PM	1,003.31	250.83	4.1%	13,163.98	3290.99	53.2%	17,797.02	4449.26	71.9%
5:45 PM	1,022.50	255.63	4.1%	17,188.60	4297.15	69.4%	18,554.28	4638.57	75.0%
6:00 PM	1,040.67	260.17	4.2%	18,566.49	4641.62	75.0%	19,150.42	4787.61	77.4%
6:15 PM	1,087.93	271.98	4.4%	19,279.91	4819.98	77.9%	19,659.94	4914.99	79.4%
6:30 PM	1,222.88	305.72	4.9%	19,979.50	4994.88	80.7%	20,038.00	5009.50	80.9%
6:45 PM	1,365.72	341.43	5.5%	20,508.01	5127.00	82.8%	20,486.99	5121.75	82.8%
7:00 PM	1,488.57	372.14	6.0%	21,001.40	5250.35	84.8%	21,001.39	5250.35	84.8%
7:15 PM	1,582.48	395.62	6.4%	22,080.20	5520.05	89.2%	22,080.19	5520.05	89.2%
7:30 PM	11,766.04	1529.59	47.5%	12,997.54	1689.68	52.5%	12,997.54	1689.68	52.5%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	765.93	45.96	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	766.01	145.54	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	766.17	191.54	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	766.35	191.59	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	766.49	191.62	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	766.65	191.66	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	766.81	191.70	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	794.58	198.65	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	825.58	206.39	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	853.53	213.38	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	876.54	219.14	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	897.88	224.47	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	914.73	228.68	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	931.22	232.80	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	943.29	235.82	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	956.24	239.06	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	964.42	241.11	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	974.67	243.67	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	979.55	244.89	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	987.75	246.94	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	989.54	247.39	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	996.08	249.02	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	990.66	247.66	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	975.83	243.96	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	953.99	238.50	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	947.74	236.94	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	954.95	238.74	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	968.40	242.10	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	973.75	243.44	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	984.90	246.23	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	988.53	247.13	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	997.10	249.28	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	999.04	249.76	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,004.80	251.20	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,004.65	251.16	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,007.17	251.79	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	1,004.27	251.07	4.1%	0.00	0.00	0.0%	1,576.11	394.03	6.4%
4:15 PM	1,002.59	250.65	4.1%	264.65	66.16	1.1%	3,665.17	916.29	14.8%
4:30 PM	995.56	248.89	4.0%	2,442.21	610.55	9.9%	6,060.77	1515.19	24.5%
4:45 PM	988.16	247.04	4.0%	4,784.03	1196.01	19.3%	8,824.48	2206.12	35.6%
5:00 PM	975.60	243.90	3.9%	7,349.20	1837.30	29.7%	12,040.99	3010.25	48.6%
5:15 PM	996.10	249.03	4.0%	10,310.77	2577.69	41.7%	16,140.10	4035.03	65.2%
5:30 PM	1,016.74	254.19	4.1%	13,858.79	3464.70	56.0%	17,390.70	4347.68	70.3%
5:45 PM	1,038.01	259.50	4.2%	17,963.56	4490.89	72.6%	18,323.85	4580.96	74.0%
6:00 PM	1,058.60	264.65	4.3%	18,513.56	4628.39	74.8%	18,960.54	4740.14	76.6%
6:15 PM	1,081.74	270.43	4.4%	19,209.31	4802.33	77.6%	19,438.72	4859.68	78.5%
6:30 PM	1,209.78	302.45	4.9%	19,836.58	4959.14	80.1%	19,829.71	4957.43	80.1%
6:45 PM	1,345.28	336.32	5.4%	20,292.58	5073.14	82.0%	20,290.93	5072.73	82.0%
7:00 PM	1,447.58	361.90	5.8%	20,816.40	5204.10	84.1%	20,816.38	5204.10	84.1%
7:15 PM	1,529.31	321.16	6.2%	22,839.08	4796.21	92.3%	22,839.08	4796.21	92.3%
7:25 PM	11,493.99	1034.46	46.4%	13,269.61	1194.27	53.6%	13,269.61	1194.27	53.6%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	766.10	15.32	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	766.14	114.92	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	766.28	191.57	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	766.45	191.61	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	766.60	191.65	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	766.76	191.69	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	787.03	196.76	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	823.22	205.81	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	853.74	213.44	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	881.10	220.27	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	903.47	225.87	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	924.33	231.08	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	940.51	235.13	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	956.68	239.17	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	968.15	242.04	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	980.85	245.21	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	988.57	247.14	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	998.60	249.65	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,003.20	250.80	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,011.23	252.81	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,012.70	253.18	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,019.19	254.80	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,013.77	253.44	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	997.93	249.48	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	975.44	243.86	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	970.27	242.57	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	978.03	244.51	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	991.85	247.96	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	997.88	249.47	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,009.56	252.39	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,013.90	253.48	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,023.29	255.82	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,026.07	256.52	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,032.91	258.23	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,033.80	258.45	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,037.65	259.41	4.2%	0.00	0.00	0.0%	200.04	50.01	0.8%
4:00 PM	1,036.06	259.01	4.2%	0.00	0.00	0.0%	2,045.64	511.41	8.3%
4:15 PM	1,036.10	259.02	4.2%	910.61	227.65	3.7%	4,185.20	1046.30	16.9%
4:30 PM	1,030.72	257.68	4.2%	3,140.57	785.14	12.7%	6,661.02	1665.26	26.9%
4:45 PM	1,025.44	256.36	4.1%	5,593.87	1398.47	22.6%	9,537.75	2384.44	38.5%
5:00 PM	1,014.00	253.50	4.1%	8,299.33	2074.83	33.5%	12,880.92	3220.23	52.0%
5:15 PM	1,012.01	253.00	4.1%	11,398.92	2849.73	46.0%	15,525.24	3881.31	62.7%
5:30 PM	1,035.08	258.77	4.2%	15,201.92	3800.48	61.4%	16,739.71	4184.93	67.6%
5:45 PM	1,059.04	264.76	4.3%	17,908.06	4477.01	72.3%	18,048.72	4512.18	72.9%
6:00 PM	1,083.04	270.76	4.4%	18,426.56	4606.64	74.4%	18,719.74	4679.94	75.6%
6:15 PM	1,105.66	276.41	4.5%	19,072.23	4768.06	77.0%	19,166.25	4791.56	77.4%
6:30 PM	1,205.26	301.31	4.9%	19,618.13	4904.53	79.2%	19,595.90	4898.98	79.2%
6:45 PM	1,318.41	329.60	5.3%	20,064.04	5016.01	81.1%	20,064.01	5016.00	81.1%
7:00 PM	1,398.21	349.55	5.6%	20,667.88	5166.97	83.5%	20,667.88	5166.97	83.5%
7:15 PM	6,287.05	943.06	25.4%	18,476.49	2771.47	74.6%	18,476.49	2771.47	74.6%
7:18 PM	11,189.23	335.68	45.2%	13,574.35	407.23	54.8%	13,574.35	407.23	54.8%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	766.29	68.97	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	766.42	160.95	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	766.60	191.65	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	766.74	191.69	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	782.83	195.71	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	822.85	205.71	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	858.44	214.61	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	887.99	222.00	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	914.61	228.65	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	936.02	234.01	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	956.21	239.05	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	971.56	242.89	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	987.08	246.77	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	997.90	249.47	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,010.08	252.52	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,017.28	254.32	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,026.98	256.74	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,031.07	257.77	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,038.90	259.73	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,040.22	260.06	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,046.41	261.60	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,040.63	260.16	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,023.38	255.85	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,000.13	250.03	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	996.92	249.23	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,005.58	251.39	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,019.70	254.93	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,026.59	256.65	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,038.90	259.73	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,044.24	261.06	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,054.49	263.62	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,058.41	264.60	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,066.47	266.62	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,068.66	267.16	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,074.15	268.54	4.3%	0.00	0.00	0.0%	732.47	183.12	3.0%
4:00 PM	1,074.18	268.55	4.3%	0.00	0.00	0.0%	2,629.94	657.48	10.6%
4:15 PM	1,077.42	269.36	4.4%	1,701.82	425.45	6.9%	4,840.72	1210.18	19.6%
4:30 PM	1,073.12	268.28	4.3%	4,045.54	1011.39	16.3%	7,434.35	1858.59	30.0%
4:45 PM	1,070.45	267.61	4.3%	6,642.87	1660.72	26.8%	10,458.49	2614.62	42.2%
5:00 PM	1,061.80	265.45	4.3%	9,547.21	2386.80	38.6%	14,002.40	3500.60	56.6%
5:15 PM	1,051.32	262.83	4.2%	12,878.53	3219.63	52.0%	15,089.75	3772.44	61.0%
5:30 PM	1,058.74	264.68	4.3%	17,036.56	4259.14	68.8%	16,053.26	4013.31	64.8%
5:45 PM	1,086.86	271.72	4.4%	17,792.42	4448.11	71.9%	17,447.12	4361.78	70.5%
6:00 PM	1,115.35	278.84	4.5%	18,274.76	4568.69	73.8%	18,366.50	4591.62	74.2%
6:15 PM	1,143.28	285.82	4.6%	18,851.80	4712.95	76.2%	18,857.69	4714.42	76.2%
6:30 PM	1,212.70	303.18	4.9%	19,333.67	4833.42	78.1%	19,330.49	4832.62	78.1%
6:45 PM	1,285.37	437.03	5.2%	19,826.86	6741.13	80.1%	19,826.86	6741.13	80.1%
7:10 PM	8,316.87	1746.54	33.6%	16,446.68	3453.80	66.4%	16,446.68	3453.80	66.4%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	766.51	30.66	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	766.57	130.32	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	766.74	191.68	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	780.23	195.06	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	825.60	206.40	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	864.98	216.24	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	899.69	224.92	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	928.15	232.04	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	953.82	238.45	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	974.05	243.51	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	993.29	248.32	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,007.69	251.92	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,022.43	255.61	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,032.33	258.08	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,044.00	261.00	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,050.44	262.61	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,059.71	264.93	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,063.31	265.83	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,070.78	267.69	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,071.88	267.97	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,077.78	269.44	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,071.32	267.83	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,052.32	263.08	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,028.06	257.02	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,028.33	257.08	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,037.45	259.36	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,052.18	263.05	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,059.91	264.98	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,072.98	268.24	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,079.40	269.85	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,090.78	272.70	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,096.01	274.00	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,105.60	276.40	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,109.44	277.36	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	1,116.97	279.24	4.5%	0.00	0.00	0.0%	1,343.81	335.95	5.4%
4:00 PM	1,120.53	280.13	4.5%	329.82	82.45	1.3%	3,310.56	827.64	13.4%
4:15 PM	1,127.78	281.94	4.6%	2,670.22	667.55	10.8%	5,629.68	1407.42	22.7%
4:30 PM	1,127.26	281.81	4.6%	5,161.75	1290.44	20.9%	8,368.38	2092.09	33.8%
4:45 PM	1,124.94	281.24	4.5%	7,961.93	1990.48	32.2%	11,573.62	2893.40	46.8%
5:00 PM	1,119.09	279.77	4.5%	11,136.06	2784.02	45.0%	14,381.74	3595.44	58.1%
5:15 PM	1,113.11	278.28	4.5%	14,864.89	3716.22	60.0%	14,902.45	3725.61	60.2%
5:30 PM	1,099.37	274.84	4.4%	17,417.54	4354.39	70.4%	15,506.34	3876.59	62.6%
5:45 PM	1,122.65	280.66	4.5%	17,589.29	4397.32	71.1%	16,682.87	4170.72	67.4%
6:00 PM	1,157.78	289.45	4.7%	18,031.30	4507.82	72.8%	17,883.49	4470.87	72.2%
6:15 PM	1,193.33	298.33	4.8%	18,522.89	4630.72	74.8%	18,506.56	4626.64	74.8%
6:30 PM	1,213.01	303.25	4.9%	19,023.63	4755.91	76.8%	19,023.60	4755.90	76.8%
6:45 PM	1,247.61	336.86	5.0%	19,998.65	5399.63	80.8%	19,998.65	5399.63	80.8%
7:02 PM	4,024.15	563.38	16.3%	20,739.31	2903.50	83.8%	20,739.31	2903.50	83.8%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	766.75	84.34	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	780.81	179.59	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	829.11	207.28	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	875.17	218.79	3.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	914.01	228.50	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	947.78	236.94	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	974.89	243.72	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	999.22	249.81	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,018.03	254.51	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,036.11	259.03	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,049.11	262.28	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,062.91	265.73	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,071.72	267.93	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,082.56	270.64	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,088.19	272.05	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,096.90	274.23	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,099.92	274.98	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,106.97	276.74	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,107.75	276.94	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,113.34	278.34	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,105.13	276.28	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,084.06	271.01	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,058.56	264.64	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,064.11	266.03	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,074.07	268.52	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,089.42	272.35	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,098.13	274.53	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,112.20	278.05	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,119.88	279.97	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,132.67	283.17	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,139.42	284.86	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,150.88	287.72	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,156.80	289.20	4.7%	0.00	0.00	0.0%	331.05	82.76	1.3%
3:45 PM	1,166.78	291.70	4.7%	0.00	0.00	0.0%	2,062.20	515.55	8.3%
4:00 PM	1,176.26	294.07	4.8%	1,435.67	358.92	5.8%	4,130.76	1032.69	16.7%
4:15 PM	1,188.82	297.20	4.8%	3,886.72	971.68	15.7%	6,608.24	1652.06	26.7%
4:30 PM	1,193.68	298.42	4.8%	6,572.81	1643.20	26.6%	9,534.83	2383.71	38.5%
4:45 PM	1,197.85	299.46	4.8%	9,658.82	2414.70	39.0%	13,004.17	3251.04	52.5%
5:00 PM	1,191.10	297.78	4.8%	13,196.18	3299.05	53.3%	14,246.77	3561.69	57.6%
5:15 PM	1,187.47	296.87	4.8%	17,547.28	4386.82	70.9%	15,038.83	3759.71	60.8%
5:30 PM	1,180.75	295.19	4.8%	17,587.44	4396.86	71.0%	15,649.19	3912.30	63.2%
5:45 PM	1,170.49	292.62	4.7%	17,300.90	4325.22	69.9%	16,030.45	4007.61	64.8%
6:00 PM	1,214.68	303.67	4.9%	17,694.51	4423.63	71.5%	17,276.92	4319.23	69.8%
6:15 PM	1,255.76	313.94	5.1%	18,135.85	4533.96	73.3%	18,135.74	4533.93	73.3%
6:30 PM	1,222.63	305.66	4.9%	18,698.15	4674.54	75.5%	18,698.15	4674.54	75.5%
6:45 PM	1,221.90	232.16	4.9%	23,516.03	4468.05	95.0%	23,516.03	4468.05	95.0%
6:52 PM	1,237.51	74.25	5.0%	23,526.08	1411.56	95.0%	23,526.08	1411.56	95.0%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	809.40	48.56	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	832.70	158.21	3.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	881.53	220.38	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	929.76	232.44	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	968.89	242.22	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,001.89	250.47	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,027.50	256.88	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,050.42	262.60	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,067.45	266.86	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,084.06	271.02	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,095.58	273.89	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,108.12	277.03	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,115.74	278.94	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,125.65	281.41	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,130.33	282.58	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,138.36	284.59	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,140.67	285.17	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,147.29	286.82	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,147.64	286.91	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,153.01	288.25	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,141.01	285.25	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,119.06	279.76	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,092.17	273.04	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,104.42	276.10	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,115.21	278.80	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,131.45	282.86	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,141.27	285.32	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,156.52	289.13	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,165.72	291.43	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,180.18	295.05	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,188.92	297.23	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,202.69	300.67	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,211.13	302.78	4.9%	0.00	0.00	0.0%	1,026.16	256.54	4.1%
3:45 PM	1,227.13	306.78	5.0%	243.51	60.88	1.0%	2,846.44	711.61	11.5%
4:00 PM	1,243.33	310.83	5.0%	2,683.83	670.96	10.8%	5,058.67	1264.67	20.4%
4:15 PM	1,262.60	315.65	5.1%	5,330.19	1332.55	21.5%	7,725.24	1931.31	31.2%
4:30 PM	1,274.85	318.71	5.1%	8,291.67	2072.92	33.5%	10,881.79	2720.45	44.0%
4:45 PM	1,288.09	322.02	5.2%	11,755.37	2938.84	47.5%	13,392.57	3348.14	54.1%
5:00 PM	1,291.19	322.80	5.2%	15,880.81	3970.20	64.2%	14,344.79	3586.20	57.9%
5:15 PM	1,290.10	322.52	5.2%	17,927.57	4481.89	72.4%	15,306.10	3826.53	61.8%
5:30 PM	1,281.83	320.46	5.2%	17,855.43	4463.86	72.1%	15,939.91	3984.98	64.4%
5:45 PM	1,284.28	321.07	5.2%	17,553.12	4388.28	70.9%	16,387.08	4096.77	66.2%
6:00 PM	1,291.24	322.81	5.2%	17,268.76	4317.19	69.8%	16,921.44	4230.36	68.4%
6:15 PM	1,282.73	320.68	5.2%	17,757.15	4439.29	71.7%	17,757.16	4439.29	71.7%
6:30 PM	1,249.03	287.28	5.0%	19,402.08	4462.48	78.4%	19,402.08	4462.48	78.4%
6:42 PM	1,221.47	134.36	4.9%	22,889.08	2517.80	92.5%	22,889.08	2517.80	92.5%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	884.01	114.92	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	936.67	234.17	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	988.20	247.05	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,029.02	257.26	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,061.80	265.45	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,085.87	271.47	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,107.23	276.81	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,122.28	280.57	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,137.22	284.31	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,146.99	286.75	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,158.20	289.55	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,164.36	291.09	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,173.26	293.31	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,176.76	294.19	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,184.11	296.03	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,185.66	296.41	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,191.72	297.93	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,191.72	297.93	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,196.82	299.20	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,180.51	295.13	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,157.27	289.32	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,131.46	282.86	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,149.28	287.32	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,161.04	290.26	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,178.26	294.56	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,189.46	297.36	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,206.28	301.57	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,217.19	304.30	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,233.82	308.45	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,244.88	311.22	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,261.54	315.39	5.1%	0.00	0.00	0.0%	199.02	49.76	0.8%
3:30 PM	1,273.22	318.30	5.1%	0.00	0.00	0.0%	1,756.36	439.09	7.1%
3:45 PM	1,300.20	325.05	5.3%	1,554.44	388.61	6.3%	3,698.62	924.66	14.9%
4:00 PM	1,323.62	330.90	5.3%	4,132.35	1033.09	16.7%	6,104.60	1526.15	24.7%
4:15 PM	1,352.10	338.02	5.5%	7,037.88	1759.47	28.4%	8,983.92	2245.98	36.3%
4:30 PM	1,374.34	343.59	5.6%	10,368.58	2592.14	41.9%	12,358.72	3089.68	49.9%
4:45 PM	1,400.69	350.17	5.7%	14,337.57	3584.39	57.9%	13,476.88	3369.22	54.4%
5:00 PM	1,418.74	354.68	5.7%	18,117.17	4529.29	73.2%	14,781.24	3695.31	59.7%
5:15 PM	1,433.90	358.47	5.8%	18,283.08	4570.77	73.9%	15,741.38	3935.35	63.6%
5:30 PM	1,423.31	355.83	5.7%	18,187.76	4546.94	73.5%	16,393.43	4098.36	66.2%
5:45 PM	1,430.85	357.71	5.8%	18,023.66	4505.91	72.8%	17,184.78	4296.20	69.4%
6:00 PM	1,392.46	348.11	5.6%	17,417.79	4354.45	70.4%	17,417.79	4354.45	70.4%
6:15 PM	1,309.72	353.63	5.3%	17,351.29	4684.85	70.1%	17,351.29	4684.85	70.1%
6:31 PM	1,271.83	178.06	5.1%	19,592.17	2742.90	79.1%	19,592.17	2742.90	79.1%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	961.73	76.94	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	994.29	208.80	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	1,048.31	262.08	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,093.75	273.44	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,127.20	281.80	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,150.02	287.51	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,169.63	292.41	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,182.57	295.64	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,195.70	298.93	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,203.36	300.84	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,213.06	303.26	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,217.63	304.41	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,225.28	306.32	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,227.63	306.91	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,234.03	308.51	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,234.83	308.71	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,240.42	310.11	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,239.99	310.00	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,244.81	311.20	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,223.68	305.92	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,198.67	299.67	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,179.72	294.93	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,198.76	299.69	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,211.64	302.91	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,230.22	307.56	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,242.97	310.74	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,261.66	315.41	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,274.73	318.68	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,293.99	323.50	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,307.91	326.98	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,328.22	332.05	5.4%	0.00	0.00	0.0%	927.69	231.92	3.7%
3:30 PM	1,349.63	337.41	5.5%	386.94	96.73	1.6%	2,576.44	644.11	10.4%
3:45 PM	1,387.04	346.76	5.6%	3,003.06	750.76	12.1%	4,677.72	1169.43	18.9%
4:00 PM	1,420.22	355.06	5.7%	5,824.21	1456.05	23.5%	7,264.17	1816.04	29.3%
4:15 PM	1,460.91	365.23	5.9%	9,096.33	2274.08	36.7%	10,395.26	2598.82	42.0%
4:30 PM	1,497.65	374.41	6.0%	12,917.48	3229.37	52.2%	12,545.17	3136.29	50.7%
4:45 PM	1,542.85	385.71	6.2%	17,796.17	4449.04	71.9%	14,050.90	3512.73	56.8%
5:00 PM	1,583.71	395.93	6.4%	18,585.68	4646.42	75.1%	15,388.50	3847.12	62.2%
5:15 PM	1,592.88	398.22	6.4%	18,735.58	4683.89	75.7%	16,309.24	4077.31	65.9%
5:30 PM	1,595.72	398.93	6.4%	18,537.17	4634.29	74.9%	17,112.48	4278.12	69.1%
5:45 PM	1,601.01	400.25	6.5%	20,680.64	5170.16	83.5%	20,544.12	5136.03	83.0%
6:00 PM	1,502.15	375.54	6.1%	19,156.36	4789.09	77.4%	19,156.36	4789.09	77.4%
6:15 PM	1,380.36	248.47	5.6%	17,293.13	3112.76	69.9%	17,293.12	3112.76	69.9%
6:21 PM	1,323.40	66.17	5.3%	17,143.85	857.19	69.3%	17,143.85	857.19	69.3%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	1,042.33	20.85	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	1,053.51	158.03	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	1,109.39	277.35	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,161.50	290.38	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,197.49	299.37	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,219.59	304.90	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,237.53	309.38	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,248.23	312.06	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,259.33	314.83	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,264.80	316.20	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,272.76	318.19	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,275.47	318.87	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,281.86	320.47	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,282.83	320.71	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,288.47	322.12	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,288.26	322.06	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,293.28	323.32	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,292.34	323.09	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,296.91	324.23	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,270.35	317.59	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,243.24	310.81	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,232.83	308.21	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,252.98	313.24	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,267.10	316.77	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,287.32	321.83	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,301.99	325.50	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,322.96	330.74	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,338.60	334.65	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,361.01	340.25	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,378.54	344.64	5.6%	0.00	0.00	0.0%	240.71	60.18	1.0%
3:15 PM	1,403.38	350.85	5.7%	0.00	0.00	0.0%	1,798.51	449.63	7.3%
3:30 PM	1,441.74	360.43	5.8%	1,811.13	452.78	7.3%	3,631.32	907.83	14.7%
3:45 PM	1,490.57	372.64	6.0%	4,647.76	1161.94	18.8%	5,953.39	1488.35	24.0%
4:00 PM	1,536.61	384.15	6.2%	7,811.36	1952.84	31.6%	8,755.82	2188.95	35.4%
4:15 PM	1,594.31	398.58	6.4%	11,584.65	2896.16	46.8%	11,504.08	2876.02	46.5%
4:30 PM	1,651.46	412.86	6.7%	16,118.58	4029.65	65.1%	13,052.97	3263.24	52.7%
4:45 PM	1,724.17	431.04	7.0%	18,774.00	4693.50	75.8%	14,860.65	3715.16	60.0%
5:00 PM	1,758.95	439.74	7.1%	19,174.69	4793.67	77.5%	16,114.69	4028.67	65.1%
5:15 PM	1,770.92	442.73	7.2%	19,213.87	4803.47	77.6%	17,125.70	4281.43	69.2%
5:30 PM	1,789.82	447.45	7.2%	21,388.57	5347.14	86.4%	20,789.48	5197.37	84.0%
5:45 PM	1,727.88	431.97	7.0%	23,006.31	5751.58	92.9%	23,006.31	5751.58	92.9%
6:00 PM	1,631.23	342.56	6.6%	20,787.90	4365.46	84.0%	20,787.90	4365.46	84.0%
6:09 PM	1,554.77	124.38	6.3%	19,426.05	1554.08	78.5%	19,426.05	1554.08	78.5%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	1,337.91	133.79	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	1,237.63	272.28	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,229.91	307.48	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,271.76	317.94	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,294.20	323.55	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,310.90	327.73	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,319.18	329.80	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,328.12	332.03	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,331.13	332.78	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,337.22	334.31	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,337.90	334.47	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,342.86	335.72	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,342.38	335.59	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,346.97	336.74	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,345.77	336.44	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,350.33	337.58	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,348.91	337.23	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,352.33	338.08	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,320.38	330.10	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,290.47	322.62	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,291.05	322.76	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,312.17	328.04	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,327.61	331.90	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,349.83	337.46	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,366.63	341.66	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,390.47	347.62	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,409.18	352.30	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,435.58	358.90	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,457.49	364.37	5.9%	0.00	0.00	0.0%	1,054.12	263.53	4.3%
3:15 PM	1,499.17	374.79	6.1%	690.62	172.65	2.8%	2,854.52	713.63	11.5%
3:30 PM	1,550.26	387.56	6.3%	3,401.78	850.44	13.7%	4,971.65	1242.91	20.1%
3:45 PM	1,613.84	403.46	6.5%	6,596.92	1649.23	26.6%	7,579.18	1894.80	30.6%
4:00 PM	1,677.19	419.30	6.8%	10,218.08	2554.52	41.3%	10,739.75	2684.94	43.4%
4:15 PM	1,758.63	439.66	7.1%	14,641.17	3660.29	59.1%	12,210.35	3052.59	49.3%
4:30 PM	1,844.61	461.15	7.5%	18,682.90	4670.72	75.5%	14,127.33	3531.83	57.1%
4:45 PM	1,933.87	483.47	7.8%	19,522.20	4880.55	78.9%	15,804.49	3951.12	63.8%
5:00 PM	1,942.26	485.56	7.8%	19,799.22	4949.81	80.0%	17,012.54	4253.14	68.7%
5:15 PM	1,967.60	491.90	7.9%	20,611.03	5152.76	83.3%	19,394.42	4848.61	78.3%
5:30 PM	1,940.54	485.14	7.8%	22,823.06	5705.77	92.2%	22,823.06	5705.77	92.2%
5:45 PM	1,874.86	431.22	7.6%	22,888.67	5264.39	92.5%	22,888.67	5264.39	92.5%
5:58 PM	1,788.58	196.74	7.2%	22,619.57	2488.15	91.4%	22,619.57	2488.15	91.4%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	1,748.03	69.92	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	1,671.24	284.11	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,503.68	375.92	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,390.28	347.57	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,373.00	343.25	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,389.17	347.29	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,395.11	348.78	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,401.94	350.49	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,402.38	350.60	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,406.49	351.62	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,404.90	351.22	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,408.15	352.04	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,406.04	351.51	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,409.52	352.38	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,407.44	351.86	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,411.42	352.86	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,409.58	352.39	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,411.66	352.91	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,374.22	343.56	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,343.97	335.99	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,349.87	337.47	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,374.63	343.66	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,392.74	348.19	5.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,417.39	354.35	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,436.78	359.20	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,463.81	365.95	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,486.39	371.60	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,517.56	379.39	6.1%	0.00	0.00	0.0%	297.37	74.34	1.2%
3:00 PM	1,545.06	386.27	6.2%	0.00	0.00	0.0%	1,998.56	499.64	8.1%
3:15 PM	1,611.20	402.80	6.5%	2,199.22	549.80	8.9%	4,100.02	1025.01	16.6%
3:30 PM	1,676.84	419.21	6.8%	5,223.19	1305.80	21.1%	6,570.15	1642.54	26.5%
3:45 PM	1,759.55	439.89	7.1%	8,884.26	2221.07	35.9%	9,566.92	2391.73	38.6%
4:00 PM	1,846.58	461.64	7.5%	13,122.04	3280.51	53.0%	11,826.71	2956.68	47.8%
4:15 PM	1,960.26	490.06	7.9%	18,411.76	4602.94	74.4%	13,582.19	3395.55	54.9%
4:30 PM	2,087.51	521.88	8.4%	19,641.81	4910.45	79.3%	15,380.03	3845.01	62.1%
4:45 PM	2,122.43	530.61	8.6%	20,313.19	5078.30	82.1%	16,778.85	4194.71	67.8%
5:00 PM	2,141.29	535.32	8.6%	20,380.69	5095.17	82.3%	18,342.58	4585.64	74.1%
5:15 PM	2,150.70	537.68	8.7%	22,612.78	5653.19	91.3%	22,612.78	5653.19	91.3%
5:30 PM	2,105.37	568.45	8.5%	22,658.24	6117.73	91.5%	22,658.24	6117.73	91.5%
5:47 PM	2,023.36	283.27	8.2%	22,739.98	3183.60	91.9%	22,739.98	3183.60	91.9%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	2,203.12	264.37	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,917.01	460.08	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,746.98	436.74	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,584.41	396.10	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,492.80	373.20	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,475.85	368.96	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,480.42	370.11	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,478.56	369.64	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,481.32	370.33	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,477.71	369.43	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,479.69	369.92	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,475.65	368.91	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,477.98	369.49	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,474.28	368.57	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,477.51	369.38	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,474.56	368.64	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,475.70	368.93	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,431.89	357.97	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,401.74	350.43	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,417.78	354.45	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,442.83	360.71	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,462.34	365.59	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,489.80	372.45	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,512.10	378.03	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,543.28	385.82	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,570.10	392.52	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,607.01	401.75	6.5%	0.00	0.00	0.0%	1,111.17	277.79	4.5%
3:00 PM	1,657.44	414.36	6.7%	881.96	220.49	3.6%	3,095.46	773.86	12.5%
3:15 PM	1,739.49	434.87	7.0%	3,859.44	964.86	15.6%	5,559.98	1389.99	22.5%
3:30 PM	1,823.53	455.88	7.4%	7,278.33	1819.58	29.4%	8,444.10	2111.03	34.1%
3:45 PM	1,931.36	482.84	7.8%	11,502.60	2875.65	46.5%	11,575.58	2893.90	46.8%
4:00 PM	2,049.53	512.38	8.3%	16,594.41	4148.60	67.0%	12,961.60	3240.40	52.4%
4:15 PM	2,207.23	551.81	8.9%	19,812.68	4953.17	80.0%	15,133.31	3783.33	61.1%
4:30 PM	2,293.83	573.46	9.3%	20,741.85	5185.46	83.8%	16,685.10	4171.28	67.4%
4:45 PM	2,323.77	580.94	9.4%	21,050.42	5262.61	85.0%	18,572.27	4643.07	75.0%
5:00 PM	2,345.47	586.37	9.5%	21,937.08	5484.27	88.6%	21,423.60	5355.90	86.5%
5:15 PM	2,329.52	582.38	9.4%	22,434.08	5608.52	90.6%	22,434.08	5608.52	90.6%
5:30 PM	2,288.59	434.83	9.2%	22,474.89	4270.23	90.8%	22,474.89	4270.23	90.8%
5:37 PM	2,257.66	135.46	9.1%	22,505.97	1350.36	90.9%	22,505.97	1350.36	90.9%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	2,768.13	166.09	11.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,464.25	443.57	10.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,147.17	536.79	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,939.54	484.89	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,768.71	442.18	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,623.13	405.78	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,572.12	393.03	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,559.28	389.82	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,560.35	390.09	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,554.89	388.72	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,555.51	388.88	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,549.99	387.50	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,551.51	387.88	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,546.93	386.73	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,549.99	387.50	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,546.72	386.68	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,546.78	386.69	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,497.26	374.32	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,471.81	367.95	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,489.88	372.47	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,516.64	379.16	6.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,537.61	384.40	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,568.09	392.02	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,593.27	398.32	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,628.98	407.24	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,660.42	415.11	6.7%	0.00	0.00	0.0%	153.20	38.30	0.6%
2:45 PM	1,704.00	426.00	6.9%	0.00	0.00	0.0%	1,834.69	458.67	7.4%
3:00 PM	1,783.42	445.85	7.2%	2,330.56	582.64	9.4%	3,958.22	989.56	16.0%
3:15 PM	1,884.78	471.20	7.6%	5,678.39	1419.60	22.9%	6,509.92	1627.48	26.3%
3:30 PM	1,991.24	497.81	8.0%	9,600.47	2400.12	38.8%	9,535.59	2383.90	38.5%
3:45 PM	2,132.08	533.02	8.6%	14,566.65	3641.66	58.8%	11,363.22	2840.81	45.9%
4:00 PM	2,291.12	572.78	9.3%	19,685.20	4921.30	79.5%	13,466.41	3366.60	54.4%
4:15 PM	2,473.49	618.37	10.0%	20,830.94	5207.74	84.1%	15,762.25	3940.56	63.7%
4:30 PM	2,495.39	623.85	10.1%	21,618.33	5404.58	87.3%	18,055.13	4513.78	72.9%
4:45 PM	2,530.36	632.59	10.2%	21,530.16	5382.54	87.0%	21,134.72	5283.68	85.4%
5:00 PM	2,532.65	633.16	10.2%	22,230.94	5557.73	89.8%	22,230.94	5557.73	89.8%
5:15 PM	2,528.25	556.22	10.2%	22,235.38	4891.78	89.8%	22,235.38	4891.78	89.8%
5:27 PM	2,490.19	249.02	10.1%	22,273.38	2227.34	90.0%	22,273.38	2227.34	90.0%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	3,398.69	441.83	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	2,668.98	667.24	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	2,329.45	582.36	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,117.30	529.32	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,913.79	478.45	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,764.11	441.03	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,672.23	418.06	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,645.06	411.26	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,635.31	408.83	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,634.64	408.66	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,627.39	406.85	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,628.08	407.02	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,622.47	405.62	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,625.35	406.34	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,621.77	405.44	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,619.49	404.87	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,566.88	391.72	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,546.56	386.64	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,565.66	391.41	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,594.44	398.61	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,617.54	404.39	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,651.01	412.75	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,679.55	419.89	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,719.92	429.98	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,756.51	439.13	7.1%	0.00	0.00	0.0%	662.43	165.61	2.7%
1:45 PM	1,824.49	456.12	7.4%	722.35	180.59	2.9%	2,334.97	583.74	9.4%
2:00 PM	1,921.17	480.29	7.8%	3,833.23	958.31	15.5%	4,449.90	1112.48	18.0%
2:15 PM	2,045.47	511.37	8.3%	7,617.58	1904.40	30.8%	7,062.64	1765.66	28.5%
2:30 PM	2,180.47	545.12	8.8%	12,115.35	3028.84	48.9%	9,796.01	2449.00	39.6%
2:45 PM	2,361.15	590.29	9.5%	17,862.27	4465.57	72.2%	11,392.45	2848.11	46.0%
3:00 PM	2,572.69	643.17	10.4%	20,555.70	5138.93	83.0%	13,890.68	3472.67	56.1%
3:15 PM	2,673.67	668.42	10.8%	21,290.99	5322.75	86.0%	16,310.63	4077.66	65.9%
3:30 PM	2,699.23	674.81	10.9%	22,057.52	5514.38	89.1%	22,044.43	5511.11	89.1%
3:45 PM	2,728.74	682.19	11.0%	21,967.81	5491.95	88.7%	21,967.79	5491.95	88.7%
4:00 PM	2,737.19	684.30	11.1%	22,026.48	5506.62	89.0%	22,026.48	5506.62	89.0%
4:15 PM	2,728.55	409.28	11.0%	22,035.07	3305.26	89.0%	22,035.07	3305.26	89.0%
4:18 PM	2,718.12	81.54	11.0%	22,045.51	661.37	89.1%	22,045.51	661.37	89.1%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	4,058.96	284.13	16.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	3,425.90	650.92	13.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	2,810.43	702.61	11.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,495.67	623.92	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,248.28	562.07	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,058.64	514.66	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,883.08	470.77	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,790.41	447.60	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,729.01	432.25	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,715.63	428.91	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,706.53	426.63	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,706.39	426.60	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,699.61	424.90	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,702.26	425.56	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,698.31	424.58	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,695.80	423.95	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,639.31	409.83	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,621.97	405.49	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,642.18	410.55	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,673.02	418.26	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,698.26	424.56	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,735.08	433.77	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,767.06	441.76	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,812.63	453.16	7.3%	0.00	0.00	0.0%	65.61	16.40	0.3%
1:30 PM	1,854.58	463.65	7.5%	0.00	0.00	0.0%	1,044.51	261.13	4.2%
1:45 PM	1,950.55	487.64	7.9%	1,869.24	467.31	7.6%	2,686.60	671.65	10.9%
2:00 PM	2,066.61	516.65	8.3%	5,226.85	1306.71	21.1%	4,773.02	1193.26	19.3%
2:15 PM	2,215.65	553.91	9.0%	9,272.82	2318.20	37.5%	7,795.98	1948.99	31.5%
2:30 PM	2,382.20	595.55	9.6%	14,106.76	3526.69	57.0%	9,679.65	2419.91	39.1%
2:45 PM	2,605.90	651.47	10.5%	19,114.88	4778.72	77.2%	12,040.21	3010.05	48.6%
3:00 PM	2,818.72	704.68	11.4%	20,262.40	5065.60	81.9%	14,450.86	3612.72	58.4%
3:15 PM	2,872.89	718.22	11.6%	21,109.77	5277.44	85.3%	18,105.76	4526.44	73.1%
3:30 PM	2,908.13	727.03	11.7%	21,855.47	5463.87	88.3%	21,855.47	5463.87	88.3%
3:45 PM	2,932.03	733.01	11.8%	21,831.53	5457.88	88.2%	21,831.53	5457.88	88.2%
4:00 PM	2,948.87	619.26	11.9%	21,814.70	4581.09	88.1%	21,814.70	4581.09	88.1%
4:10 PM	2,938.40	264.46	11.9%	21,825.21	1964.27	88.2%	21,825.21	1964.27	88.2%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	4,715.61	47.16	19.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	4,580.44	595.46	18.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	3,460.03	865.01	14.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,946.06	736.52	11.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,605.63	651.41	10.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,377.60	594.40	9.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	2,162.83	540.71	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	2,018.72	504.68	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,899.67	474.92	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,838.99	459.75	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,791.82	447.95	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,784.81	446.20	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,776.75	444.19	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,778.97	444.74	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,774.60	443.65	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,774.69	443.67	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,713.32	428.33	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,696.08	424.02	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,717.22	429.31	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,750.03	437.51	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,777.35	444.34	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,817.58	454.40	7.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,853.21	463.30	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,903.57	475.89	7.7%	0.00	0.00	0.0%	275.40	68.85	1.1%
1:30 PM	1,953.66	488.41	7.9%	0.00	0.00	0.0%	1,401.03	350.26	5.7%
1:45 PM	2,075.15	518.79	8.4%	2,720.42	680.10	11.0%	3,164.43	791.11	12.8%
2:00 PM	2,207.40	551.85	8.9%	6,156.48	1539.12	24.9%	5,579.41	1394.85	22.5%
2:15 PM	2,381.36	595.34	9.6%	10,340.63	2585.16	41.8%	8,987.16	2246.79	36.3%
2:30 PM	2,579.68	644.92	10.4%	15,501.19	3875.30	62.6%	10,722.11	2680.53	43.3%
2:45 PM	2,853.60	713.40	11.5%	18,913.69	4728.42	76.4%	13,077.58	3269.39	52.8%
3:00 PM	3,017.29	754.32	12.2%	20,075.42	5018.85	81.1%	15,040.06	3760.02	60.8%
3:15 PM	3,097.94	774.49	12.5%	21,096.18	5274.05	85.2%	20,101.28	5025.32	81.2%
3:30 PM	3,119.03	779.76	12.6%	21,644.55	5411.14	87.4%	21,638.85	5409.71	87.4%
3:45 PM	3,138.08	784.52	12.7%	21,625.32	5406.33	87.4%	21,625.32	5406.33	87.4%
4:00 PM	3,153.12	472.97	12.7%	21,610.48	3241.57	87.3%	21,610.48	3241.57	87.3%
4:03 PM	3,147.13	94.41	12.7%	21,616.41	648.49	87.3%	21,616.41	648.49	87.3%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	5,330.90	426.47	21.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	4,356.92	871.38	17.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	3,506.97	876.74	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	3,007.54	751.89	12.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,708.55	677.14	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	2,456.85	614.21	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	2,278.66	569.66	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	2,123.44	530.86	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	2,021.77	505.44	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,937.29	484.32	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,898.22	474.56	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,862.96	465.74	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,855.47	463.87	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,848.22	462.06	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,854.12	463.53	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,787.25	446.81	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,766.33	441.58	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,788.17	447.04	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,822.90	455.73	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,852.08	463.02	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,895.48	473.87	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,934.52	483.63	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,990.04	497.51	8.0%	0.00	0.00	0.0%	572.84	143.21	2.3%
1:30 PM	2,057.06	514.26	8.3%	388.47	97.12	1.6%	1,861.70	465.43	7.5%
1:45 PM	2,191.01	547.75	8.9%	3,345.63	836.41	13.5%	3,874.79	968.70	15.7%
2:00 PM	2,339.60	584.90	9.5%	6,842.19	1710.55	27.6%	6,838.26	1709.56	27.6%
2:15 PM	2,551.75	637.94	10.3%	11,081.41	2770.35	44.8%	9,891.65	2472.91	40.0%
2:30 PM	2,793.54	698.39	11.3%	16,655.88	4163.97	67.3%	11,875.59	2968.90	48.0%
2:45 PM	3,120.78	780.20	12.6%	18,674.74	4668.69	75.4%	13,912.42	3478.10	56.2%
3:00 PM	3,220.77	805.19	13.0%	19,994.92	4998.73	80.8%	15,697.71	3924.43	63.4%
3:15 PM	3,303.69	825.92	13.3%	21,191.68	5297.92	85.6%	19,936.91	4984.23	80.5%
3:30 PM	3,299.83	824.96	13.3%	21,463.64	5365.91	86.7%	21,463.64	5365.91	86.7%
3:45 PM	3,334.83	767.01	13.5%	21,428.78	4928.62	86.6%	21,428.78	4928.62	86.6%
3:57 PM	3,339.24	367.32	13.5%	21,424.33	2356.68	86.5%	21,424.33	2356.68	86.5%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	5,857.93	117.16	23.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	5,575.52	836.33	22.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	4,208.51	1052.13	17.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	3,473.76	868.44	14.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	3,062.35	765.59	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	2,750.76	687.69	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	2,538.57	634.64	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	2,359.69	589.92	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	2,234.13	558.53	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	2,109.88	527.47	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	2,044.74	511.18	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,985.73	496.43	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,964.44	491.11	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,940.46	485.11	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,940.50	485.13	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,865.06	466.27	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,833.40	458.35	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,852.62	463.15	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,889.10	472.28	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,919.29	479.82	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,966.38	491.59	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,008.78	502.20	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,076.08	519.02	8.4%	0.00	0.00	0.0%	791.62	197.90	3.2%
1:30 PM	2,162.14	540.53	8.7%	756.27	189.07	3.1%	2,217.23	554.31	9.0%
1:45 PM	2,320.08	580.02	9.4%	3,705.38	926.35	15.0%	4,409.94	1102.48	17.8%
2:00 PM	2,491.49	622.87	10.1%	7,236.50	1809.13	29.2%	7,811.14	1952.78	31.6%
2:15 PM	2,725.89	681.47	11.0%	11,593.68	2898.42	46.8%	10,556.17	2639.04	42.6%
2:30 PM	2,992.48	748.12	12.1%	16,944.09	4236.02	68.4%	12,712.55	3178.14	51.4%
2:45 PM	3,298.90	824.72	13.3%	18,721.99	4680.50	75.6%	14,517.72	3629.43	58.6%
3:00 PM	3,403.10	850.77	13.7%	20,336.08	5084.02	82.1%	16,324.94	4081.24	65.9%
3:15 PM	3,483.42	870.86	14.1%	21,280.03	5320.01	86.0%	20,078.08	5019.52	81.1%
3:30 PM	3,461.89	865.47	14.0%	21,301.74	5325.43	86.0%	21,301.74	5325.43	86.0%
3:45 PM	3,508.83	701.77	14.2%	21,254.67	4250.93	85.9%	21,254.67	4250.93	85.9%
3:54 PM	3,508.39	280.67	14.2%	21,255.26	1700.42	85.9%	21,255.26	1700.42	85.9%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	6,291.15	566.20	25.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	5,040.47	1058.50	20.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	4,001.24	1000.31	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	3,439.17	859.79	13.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	3,040.86	760.22	12.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	2,784.86	696.22	11.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	2,581.53	645.38	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	2,438.82	609.70	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	2,293.39	573.35	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	2,200.20	550.05	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	2,115.44	528.86	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	2,078.42	519.61	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	2,040.24	510.06	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,034.85	508.71	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,965.07	491.27	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,917.67	479.42	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,929.47	482.37	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,970.45	492.61	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,000.03	500.01	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,053.61	513.40	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,099.37	524.84	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,173.40	543.35	8.8%	0.00	0.00	0.0%	916.94	229.24	3.7%
1:30 PM	2,266.49	566.62	9.2%	921.31	230.33	3.7%	2,416.36	604.09	9.8%
1:45 PM	2,431.86	607.97	9.8%	3,849.74	962.43	15.6%	4,746.37	1186.59	19.2%
2:00 PM	2,613.28	653.32	10.6%	7,376.42	1844.10	29.8%	8,506.24	2126.56	34.4%
2:15 PM	2,862.78	715.69	11.6%	11,817.43	2954.36	47.7%	11,010.78	2752.70	44.5%
2:30 PM	3,148.22	787.06	12.7%	17,034.31	4258.58	68.8%	13,251.03	3312.76	53.5%
2:45 PM	3,443.52	860.88	13.9%	19,021.32	4755.33	76.8%	14,867.92	3716.98	60.1%
3:00 PM	3,552.33	888.08	14.3%	20,487.40	5121.85	82.8%	16,721.72	4180.43	67.5%
3:15 PM	3,628.24	907.06	14.7%	21,135.35	5283.84	85.4%	20,281.66	5070.41	81.9%
3:30 PM	3,598.40	899.60	14.5%	21,165.21	5291.30	85.5%	21,165.21	5291.30	85.5%
3:45 PM	3,652.83	657.51	14.8%	21,110.82	3799.95	85.3%	21,110.82	3799.95	85.3%
3:51 PM	3,647.96	182.40	14.7%	21,115.61	1055.78	85.3%	21,115.61	1055.78	85.3%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	6,619.38	264.78	26.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	5,977.25	1016.13	24.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	4,566.87	1141.72	18.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	3,820.07	955.02	15.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	3,319.64	829.91	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	3,007.35	751.84	12.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	2,770.64	692.66	11.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	2,615.11	653.78	10.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	2,454.76	613.69	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	2,346.97	586.74	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	2,236.97	559.24	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	2,183.86	545.97	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	2,130.89	532.72	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,117.16	529.29	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,050.56	512.64	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,991.24	497.81	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,999.51	499.88	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,037.45	509.36	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,065.90	516.47	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,120.56	530.14	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,167.53	541.88	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,244.15	561.04	9.1%	0.00	0.00	0.0%	958.45	239.61	3.9%
1:30 PM	2,337.42	584.35	9.4%	865.58	216.39	3.5%	2,470.38	617.59	10.0%
1:45 PM	2,506.40	626.60	10.1%	3,754.35	938.59	15.2%	4,872.01	1218.00	19.7%
2:00 PM	2,692.79	673.20	10.9%	7,247.92	1811.98	29.3%	8,776.61	2194.15	35.5%
2:15 PM	2,950.49	737.62	11.9%	11,860.44	2965.11	47.9%	11,250.59	2812.65	45.4%
2:30 PM	3,246.00	811.50	13.1%	17,121.60	4280.40	69.2%	13,491.93	3372.98	54.5%
2:45 PM	3,545.60	886.40	14.3%	19,097.19	4774.30	77.1%	15,030.88	3757.72	60.7%
3:00 PM	3,659.41	914.85	14.8%	20,511.15	5127.79	82.9%	16,840.49	4210.12	68.0%
3:15 PM	3,734.33	933.58	15.1%	21,029.22	5257.30	84.9%	20,250.75	5062.69	81.8%
3:30 PM	3,701.09	925.27	15.0%	21,062.53	5265.63	85.1%	21,062.53	5265.63	85.1%
3:45 PM	3,757.76	638.82	15.2%	21,005.82	3570.99	84.9%	21,005.82	3570.99	84.9%
3:51 PM	3,753.85	187.69	15.2%	21,009.76	1050.49	84.9%	21,009.76	1050.49	84.9%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	6,830.38	819.65	27.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	5,117.17	1279.29	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	4,052.67	1013.17	16.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	3,524.65	881.16	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	3,105.44	776.36	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	2,914.39	728.60	11.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	2,666.45	666.61	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	2,576.35	644.09	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	2,459.28	614.82	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	2,334.16	583.54	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	2,266.30	566.57	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	2,199.95	549.99	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,178.20	544.55	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,119.94	529.99	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,046.56	511.64	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,039.61	509.90	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,076.67	519.17	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,104.70	526.18	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,159.30	539.82	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,205.80	551.45	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,282.86	570.72	9.2%	0.00	0.00	0.0%	889.97	222.49	3.6%
1:30 PM	2,369.36	592.34	9.6%	569.42	142.35	2.3%	2,338.19	584.55	9.4%
1:45 PM	2,537.81	634.45	10.3%	3,411.15	852.79	13.8%	4,699.09	1174.77	19.0%
2:00 PM	2,722.81	680.70	11.0%	6,859.04	1714.76	27.7%	8,465.64	2116.41	34.2%
2:15 PM	2,980.30	745.07	12.0%	11,389.85	2847.46	46.0%	11,253.91	2813.48	45.5%
2:30 PM	3,274.78	818.69	13.2%	16,950.70	4237.68	68.5%	13,443.05	3360.76	54.3%
2:45 PM	3,596.46	899.11	14.5%	18,968.75	4742.19	76.6%	15,021.81	3755.45	60.7%
3:00 PM	3,717.31	929.33	15.0%	20,435.06	5108.76	82.5%	16,679.32	4169.83	67.4%
3:15 PM	3,800.73	950.18	15.4%	20,962.72	5240.68	84.7%	19,839.33	4959.83	80.1%
3:30 PM	3,765.62	941.40	15.2%	20,998.03	5249.51	84.8%	20,998.03	5249.51	84.8%
3:45 PM	3,821.24	687.82	15.4%	20,942.33	3769.62	84.6%	20,942.33	3769.62	84.6%
3:52 PM	3,821.56	229.29	15.4%	20,942.08	1256.52	84.6%	20,942.08	1256.52	84.6%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	6,911.30	552.90	27.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	5,584.53	1172.75	22.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	4,449.88	1112.47	18.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	3,742.05	935.51	15.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	3,325.25	831.31	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	3,005.31	751.33	12.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	2,829.17	707.29	11.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	2,646.33	661.58	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	2,521.85	630.46	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	2,390.03	597.51	9.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	2,311.19	577.80	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	2,235.56	558.89	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	2,207.69	551.92	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	2,165.20	541.30	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,082.91	520.73	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,052.17	513.04	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,087.65	521.91	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,114.09	528.52	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,167.19	541.80	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,212.02	553.01	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,287.17	571.79	9.2%	0.00	0.00	0.0%	666.91	166.73	2.7%
1:30 PM	2,361.91	590.48	9.5%	110.55	27.64	0.4%	2,037.39	509.35	8.2%
1:45 PM	2,525.60	631.40	10.2%	2,855.58	713.90	11.5%	4,245.74	1061.43	17.2%
2:00 PM	2,703.75	675.94	10.9%	6,168.91	1542.23	24.9%	7,659.53	1914.88	30.9%
2:15 PM	2,953.19	738.30	11.9%	10,480.49	2620.12	42.3%	10,988.94	2747.24	44.4%
2:30 PM	3,237.22	809.31	13.1%	16,397.24	4099.31	66.2%	13,093.88	3273.47	52.9%
2:45 PM	3,593.91	898.48	14.5%	18,646.29	4661.57	75.3%	14,867.45	3716.86	60.1%
3:00 PM	3,722.82	930.70	15.0%	20,247.98	5061.99	81.8%	16,310.69	4077.67	65.9%
3:15 PM	3,820.47	955.12	15.4%	20,930.12	5232.53	84.5%	19,172.55	4793.14	77.4%
3:30 PM	3,792.51	948.13	15.3%	20,971.07	5242.77	84.7%	20,971.07	5242.77	84.7%
3:45 PM	3,838.97	806.18	15.5%	20,924.65	4394.18	84.5%	20,924.65	4394.18	84.5%
3:54 PM	3,847.43	307.79	15.5%	20,915.99	1673.28	84.5%	20,915.99	1673.28	84.5%



APPENDIX 11: SHADOW CALCULATIONS FOR PROPOSED MISSION CREEK PARK P3 (MISSION BAY PARKS)

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	59,211.88	6513.31	57.5%	25,350.61	2788.57	24.6%	25,350.61	2788.57	24.6%
7:00 AM	61,396.00	14121.08	59.6%	19,911.54	4579.65	19.3%	19,911.54	4579.65	19.3%
7:15 AM	63,289.45	15822.36	61.4%	16,252.92	4063.23	15.8%	16,252.92	4063.23	15.8%
7:30 AM	62,841.43	15710.36	61.0%	14,175.04	3543.76	13.8%	14,175.04	3543.76	13.8%
7:45 AM	60,440.10	15110.02	58.7%	13,255.91	3313.98	12.9%	13,255.91	3313.98	12.9%
8:00 AM	57,380.80	14345.20	55.7%	12,827.87	3206.97	12.4%	12,827.87	3206.97	12.4%
8:15 AM	53,925.02	13481.26	52.3%	12,459.66	3114.91	12.1%	12,459.66	3114.91	12.1%
8:30 AM	50,412.39	12603.10	48.9%	12,229.37	3057.34	11.9%	12,229.37	3057.34	11.9%
8:45 AM	47,098.93	11774.73	45.7%	12,113.67	3028.42	11.8%	12,113.67	3028.42	11.8%
9:00 AM	44,251.54	11062.89	42.9%	12,161.94	3040.48	11.8%	12,161.94	3040.48	11.8%
9:15 AM	41,656.63	10414.16	40.4%	12,446.71	3111.68	12.1%	12,446.71	3111.68	12.1%
9:30 AM	38,920.31	9730.08	37.8%	12,205.69	3051.42	11.8%	12,205.69	3051.42	11.8%
9:45 AM	35,833.19	8958.30	34.8%	11,241.43	2810.36	10.9%	11,241.43	2810.36	10.9%
10:00 AM	33,146.65	8286.66	32.2%	9,971.17	2492.79	9.7%	9,971.17	2492.79	9.7%
10:15 AM	30,682.38	7670.59	29.8%	8,851.29	2212.82	8.6%	8,851.29	2212.82	8.6%
10:30 AM	28,193.12	7048.28	27.4%	7,467.27	1866.82	7.2%	7,467.27	1866.82	7.2%
10:45 AM	25,915.40	6478.85	25.2%	5,871.15	1467.79	5.7%	5,871.15	1467.79	5.7%
11:00 AM	23,639.55	5909.89	22.9%	3,981.69	995.42	3.9%	3,981.69	995.42	3.9%
11:15 AM	21,611.08	5402.77	21.0%	2,093.70	523.42	2.0%	2,093.70	523.42	2.0%
11:30 AM	19,501.77	4875.44	18.9%	480.45	120.11	0.5%	480.45	120.11	0.5%
11:45 AM	17,630.30	4407.57	17.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	15,604.73	3901.18	15.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	13,901.87	3475.47	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	12,157.17	3039.29	11.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	10,674.00	2668.50	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	8,849.06	2212.26	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	7,334.64	1833.66	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	5,314.81	1328.70	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,671.66	917.92	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,481.03	370.26	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	240.77	60.19	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	50.91	12.73	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	12.14	3.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.08	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.17	0.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	103.22	25.81	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	773.29	193.32	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	7,032.39	1758.10	6.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	32,130.59	8032.65	31.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	76,084.08	22825.22	73.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	99,107.08	17839.27	96.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	59,463.03	5946.30	57.7%	25,453.00	2545.30	24.7%	25,453.00	2545.30	24.7%
7:00 AM	61,297.26	13485.40	59.5%	20,756.82	4566.50	20.1%	20,756.82	4566.50	20.1%
7:15 AM	63,287.74	15821.93	61.4%	16,797.40	4199.35	16.3%	16,797.40	4199.35	16.3%
7:30 AM	63,110.43	15777.61	61.2%	14,561.04	3640.26	14.1%	14,561.04	3640.26	14.1%
7:45 AM	60,923.25	15230.81	59.1%	13,410.90	3352.73	13.0%	13,410.90	3352.73	13.0%
8:00 AM	57,943.21	14485.80	56.2%	12,997.45	3249.36	12.6%	12,997.45	3249.36	12.6%
8:15 AM	54,478.93	13619.73	52.9%	12,585.33	3146.33	12.2%	12,585.33	3146.33	12.2%
8:30 AM	51,012.23	12753.06	49.5%	12,331.94	3082.98	12.0%	12,331.94	3082.98	12.0%
8:45 AM	47,641.40	11910.35	46.2%	12,196.28	3049.07	11.8%	12,196.28	3049.07	11.8%
9:00 AM	44,742.14	11185.53	43.4%	12,277.90	3069.48	11.9%	12,277.90	3069.48	11.9%
9:15 AM	42,101.54	10525.39	40.9%	12,547.64	3136.91	12.2%	12,547.64	3136.91	12.2%
9:30 AM	39,509.77	9877.44	38.3%	12,417.90	3104.48	12.1%	12,417.90	3104.48	12.1%
9:45 AM	36,343.06	9085.77	35.3%	11,548.46	2887.12	11.2%	11,548.46	2887.12	11.2%
10:00 AM	33,593.78	8398.44	32.6%	10,231.14	2557.79	9.9%	10,231.14	2557.79	9.9%
10:15 AM	31,103.03	7775.76	30.2%	9,095.13	2273.78	8.8%	9,095.13	2273.78	8.8%
10:30 AM	28,596.26	7149.07	27.8%	7,720.50	1930.13	7.5%	7,720.50	1930.13	7.5%
10:45 AM	26,294.98	6573.75	25.5%	6,130.77	1532.69	5.9%	6,130.77	1532.69	5.9%
11:00 AM	23,993.36	5998.34	23.3%	4,248.24	1062.06	4.1%	4,248.24	1062.06	4.1%
11:15 AM	21,942.87	5485.72	21.3%	2,315.97	578.99	2.2%	2,315.97	578.99	2.2%
11:30 AM	19,819.23	4954.81	19.2%	648.42	162.11	0.6%	648.42	162.11	0.6%
11:45 AM	17,932.91	4483.23	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	15,901.89	3975.47	15.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	14,167.00	3541.75	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	12,420.57	3105.14	12.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	10,934.44	2733.61	10.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	9,115.23	2278.81	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	7,598.38	1899.60	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	5,585.70	1396.43	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,945.17	986.29	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,754.96	438.74	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	290.21	72.55	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	61.80	15.45	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	15.95	3.99	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.10	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.15	0.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.12	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	49.44	12.36	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	681.51	170.38	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	6,010.29	1502.57	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	29,511.95	7377.99	28.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	72,588.99	21776.70	70.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	98,914.49	17804.61	96.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	60,222.12	3613.33	58.4%	25,575.49	1534.53	24.8%	25,575.49	1534.53	24.8%
7:00 AM	61,492.50	11683.57	59.7%	22,312.97	4239.46	21.7%	22,312.97	4239.46	21.7%
7:15 AM	63,510.38	15877.59	61.6%	18,044.77	4511.19	17.5%	18,044.77	4511.19	17.5%
7:30 AM	63,543.80	15885.95	61.7%	15,456.54	3864.13	15.0%	15,456.54	3864.13	15.0%
7:45 AM	61,782.46	15445.61	60.0%	13,818.97	3454.74	13.4%	13,818.97	3454.74	13.4%
8:00 AM	58,924.69	14731.17	57.2%	13,392.03	3348.01	13.0%	13,392.03	3348.01	13.0%
8:15 AM	55,545.32	13886.33	53.9%	12,914.62	3228.65	12.5%	12,914.62	3228.65	12.5%
8:30 AM	52,110.78	13027.70	50.6%	12,615.10	3153.78	12.2%	12,615.10	3153.78	12.2%
8:45 AM	48,666.93	12166.73	47.2%	12,439.53	3109.88	12.1%	12,439.53	3109.88	12.1%
9:00 AM	45,666.11	11416.53	44.3%	12,588.47	3147.12	12.2%	12,588.47	3147.12	12.2%
9:15 AM	42,956.11	10739.03	41.7%	12,974.09	3243.52	12.6%	12,974.09	3243.52	12.6%
9:30 AM	40,466.88	10116.72	39.3%	12,935.50	3233.87	12.6%	12,935.50	3233.87	12.6%
9:45 AM	37,339.16	9334.79	36.2%	12,198.50	3049.62	11.8%	12,198.50	3049.62	11.8%
10:00 AM	34,438.03	8609.51	33.4%	10,817.63	2704.41	10.5%	10,817.63	2704.41	10.5%
10:15 AM	31,886.08	7971.52	30.9%	9,605.45	2401.36	9.3%	9,605.45	2401.36	9.3%
10:30 AM	29,319.36	7329.84	28.5%	8,191.97	2047.99	8.0%	8,191.97	2047.99	8.0%
10:45 AM	26,964.10	6741.02	26.2%	6,567.50	1641.87	6.4%	6,567.50	1641.87	6.4%
11:00 AM	24,616.60	6154.15	23.9%	4,647.05	1161.76	4.5%	4,647.05	1161.76	4.5%
11:15 AM	22,529.00	5632.25	21.9%	2,624.59	656.15	2.5%	2,624.59	656.15	2.5%
11:30 AM	20,371.07	5092.77	19.8%	855.77	213.94	0.8%	855.77	213.94	0.8%
11:45 AM	18,455.01	4613.75	17.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	16,399.66	4099.92	15.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	14,646.97	3661.74	14.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	12,891.66	3222.92	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,390.99	2847.75	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	9,564.73	2391.18	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	8,035.82	2008.95	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	6,023.62	1505.91	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,373.23	1093.31	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	2,171.98	543.00	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	374.83	93.71	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	81.55	20.39	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	23.14	5.79	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.08	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	34.63	8.66	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	649.29	162.32	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	5,645.97	1411.49	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	28,904.47	7226.12	28.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	71,926.95	21578.08	69.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	98,288.04	17691.85	95.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	61,397.28	1841.92	59.6%	25,902.62	777.08	25.1%	25,902.62	777.08	25.1%
7:00 AM	61,961.65	9294.25	60.1%	24,350.81	3652.62	23.6%	24,350.81	3652.62	23.6%
7:15 AM	63,964.27	15991.07	62.1%	19,959.00	4989.75	19.4%	19,959.00	4989.75	19.4%
7:30 AM	64,099.53	16024.88	62.2%	16,832.27	4208.07	16.3%	16,832.27	4208.07	16.3%
7:45 AM	62,756.44	15689.11	60.9%	14,720.17	3680.04	14.3%	14,720.17	3680.04	14.3%
8:00 AM	60,150.17	15037.54	58.4%	13,974.06	3493.52	13.6%	13,974.06	3493.52	13.6%
8:15 AM	57,098.66	14274.66	55.4%	13,433.67	3358.42	13.0%	13,433.67	3358.42	13.0%
8:30 AM	53,740.48	13435.12	52.2%	13,064.59	3266.15	12.7%	13,064.59	3266.15	12.7%
8:45 AM	50,155.57	12538.89	48.7%	12,831.32	3207.83	12.5%	12,831.32	3207.83	12.5%
9:00 AM	47,022.10	11755.53	45.6%	13,136.15	3284.04	12.7%	13,136.15	3284.04	12.7%
9:15 AM	44,206.03	11051.51	42.9%	13,678.45	3419.61	13.3%	13,678.45	3419.61	13.3%
9:30 AM	41,657.44	10414.36	40.4%	13,719.20	3429.80	13.3%	13,719.20	3429.80	13.3%
9:45 AM	38,898.65	9724.66	37.8%	13,130.30	3282.58	12.7%	13,130.30	3282.58	12.7%
10:00 AM	35,687.36	8921.84	34.6%	11,772.50	2943.12	11.4%	11,772.50	2943.12	11.4%
10:15 AM	33,025.97	8256.49	32.1%	10,394.37	2598.59	10.1%	10,394.37	2598.59	10.1%
10:30 AM	30,365.44	7591.36	29.5%	8,893.52	2223.38	8.6%	8,893.52	2223.38	8.6%
10:45 AM	27,928.29	6982.07	27.1%	7,196.00	1799.00	7.0%	7,196.00	1799.00	7.0%
11:00 AM	25,507.65	6376.91	24.8%	5,181.84	1295.46	5.0%	5,181.84	1295.46	5.0%
11:15 AM	23,359.58	5839.90	22.7%	3,032.33	758.08	2.9%	3,032.33	758.08	2.9%
11:30 AM	21,150.44	5287.61	20.5%	1,112.61	278.15	1.1%	1,112.61	278.15	1.1%
11:45 AM	19,190.95	4797.74	18.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	17,095.21	4273.80	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	15,341.86	3835.47	14.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	13,565.89	3391.47	13.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	12,039.71	3009.93	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	10,199.87	2549.97	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	8,647.55	2161.89	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	6,627.49	1656.87	6.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,952.74	1238.19	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	2,735.11	683.78	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	901.12	225.28	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	118.11	29.53	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	32.79	8.20	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1.86	0.47	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.10	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	36.71	9.18	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	663.38	165.85	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	5,993.52	1498.38	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	30,276.25	7569.06	29.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	74,610.47	20890.93	72.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:33 PM	97,451.52	14617.73	94.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	62,865.68	8172.54	61.0%	26,404.09	3432.53	25.6%	26,404.09	3432.53	25.6%
7:16 AM	64,777.27	15546.54	62.9%	21,882.96	5251.91	21.2%	21,882.96	5251.91	21.2%
7:30 AM	65,012.02	15602.88	63.1%	18,564.87	4455.57	18.0%	18,564.87	4455.57	18.0%
7:45 AM	63,818.60	15954.65	61.9%	16,049.63	4012.41	15.6%	16,049.63	4012.41	15.6%
8:00 AM	61,720.81	15430.20	59.9%	14,619.94	3654.98	14.2%	14,619.94	3654.98	14.2%
8:15 AM	58,763.09	14690.77	57.0%	14,112.27	3528.07	13.7%	14,112.27	3528.07	13.7%
8:30 AM	55,733.98	13933.50	54.1%	13,689.40	3422.35	13.3%	13,689.40	3422.35	13.3%
8:45 AM	52,044.22	13011.06	50.5%	13,449.87	3362.47	13.1%	13,449.87	3362.47	13.1%
9:00 AM	48,773.52	12193.38	47.3%	13,885.75	3471.44	13.5%	13,885.75	3471.44	13.5%
9:15 AM	45,815.99	11454.00	44.5%	14,407.69	3601.92	14.0%	14,407.69	3601.92	14.0%
9:30 AM	43,128.37	10782.09	41.9%	14,802.23	3700.56	14.4%	14,802.23	3700.56	14.4%
9:45 AM	40,569.60	10142.40	39.4%	14,288.97	3572.24	13.9%	14,288.97	3572.24	13.9%
10:00 AM	37,383.91	9345.98	36.3%	12,994.06	3248.51	12.6%	12,994.06	3248.51	12.6%
10:15 AM	34,491.73	8622.93	33.5%	11,471.15	2867.79	11.1%	11,471.15	2867.79	11.1%
10:30 AM	31,697.50	7924.37	30.8%	9,827.28	2456.82	9.5%	9,827.28	2456.82	9.5%
10:45 AM	29,156.00	7289.00	28.3%	8,011.45	2002.86	7.8%	8,011.45	2002.86	7.8%
11:00 AM	26,635.85	6658.96	25.9%	5,838.98	1459.75	5.7%	5,838.98	1459.75	5.7%
11:15 AM	24,406.63	6101.66	23.7%	3,524.42	881.10	3.4%	3,524.42	881.10	3.4%
11:30 AM	22,128.08	5532.02	21.5%	1,406.94	351.74	1.4%	1,406.94	351.74	1.4%
11:45 AM	20,105.65	5026.41	19.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	17,957.32	4489.33	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	16,231.54	4057.88	15.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	14,417.90	3604.48	14.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	12,858.09	3214.52	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	10,995.68	2748.92	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	9,407.54	2351.89	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	7,371.90	1842.98	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	5,658.58	1414.65	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,418.63	854.66	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,527.60	381.90	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	190.17	47.54	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	47.68	11.92	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	5.10	1.27	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.17	0.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.12	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	66.01	16.50	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	736.57	184.14	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	7,391.72	1847.93	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	34,134.80	8533.70	33.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	80,787.07	20196.77	78.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 PM	96,306.87	12519.89	93.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	64,499.17	3869.95	62.6%	26,627.03	1597.62	25.8%	26,627.03	1597.62	25.8%
7:15 AM	65,445.38	12434.62	63.5%	24,489.98	4653.10	23.8%	24,489.98	4653.10	23.8%
7:30 AM	66,821.36	16705.34	64.9%	20,881.46	5220.37	20.3%	20,881.46	5220.37	20.3%
7:45 AM	65,284.42	16321.10	63.4%	17,773.18	4443.29	17.2%	17,773.18	4443.29	17.2%
8:00 AM	63,295.65	15823.91	61.4%	15,839.95	3959.99	15.4%	15,839.95	3959.99	15.4%
8:15 AM	60,650.01	15162.50	58.9%	14,926.19	3731.55	14.5%	14,926.19	3731.55	14.5%
8:30 AM	57,781.28	14445.32	56.1%	14,529.96	3632.49	14.1%	14,529.96	3632.49	14.1%
8:45 AM	54,398.35	13599.59	52.8%	14,452.50	3613.13	14.0%	14,452.50	3613.13	14.0%
9:00 AM	50,950.75	12737.69	49.4%	14,780.07	3695.02	14.3%	14,780.07	3695.02	14.3%
9:15 AM	47,795.23	11948.81	46.4%	15,210.10	3802.52	14.8%	15,210.10	3802.52	14.8%
9:30 AM	44,911.40	11227.85	43.6%	15,796.70	3949.18	15.3%	15,796.70	3949.18	15.3%
9:45 AM	42,204.46	10551.12	41.0%	15,656.10	3914.03	15.2%	15,656.10	3914.03	15.2%
10:00 AM	39,520.55	9880.14	38.4%	14,418.11	3604.53	14.0%	14,418.11	3604.53	14.0%
10:15 AM	36,335.90	9083.97	35.3%	12,911.37	3227.84	12.5%	12,911.37	3227.84	12.5%
10:30 AM	33,335.52	8333.88	32.4%	11,022.97	2755.74	10.7%	11,022.97	2755.74	10.7%
10:45 AM	30,650.87	7662.72	29.7%	9,049.95	2262.49	8.8%	9,049.95	2262.49	8.8%
11:00 AM	28,004.56	7001.14	27.2%	6,591.97	1647.99	6.4%	6,591.97	1647.99	6.4%
11:15 AM	25,676.36	6419.09	24.9%	4,081.17	1020.29	4.0%	4,081.17	1020.29	4.0%
11:30 AM	23,307.90	5826.97	22.6%	1,757.96	439.49	1.7%	1,757.96	439.49	1.7%
11:45 AM	21,208.46	5302.12	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	18,991.75	4747.94	18.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	17,322.33	4330.58	16.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	15,472.13	3868.03	15.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	13,865.81	3466.45	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	11,968.37	2992.09	11.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	10,334.45	2583.61	10.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	8,268.81	2067.20	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	6,507.24	1626.81	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,239.97	1059.99	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	2,290.56	572.64	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	333.54	83.39	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	80.83	20.21	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	13.75	3.44	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.10	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	153.90	38.48	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	887.33	221.83	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	10,003.22	2500.80	9.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	40,788.65	10197.16	39.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	86,940.72	18257.55	84.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:25 PM	93,751.11	8437.60	91.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	66,190.92	1323.82	64.2%	26,410.44	528.21	25.6%	26,410.44	528.21	25.6%
7:15 AM	66,451.68	9967.75	64.5%	26,094.71	3914.21	25.3%	26,094.71	3914.21	25.3%
7:30 AM	67,941.97	16985.49	65.9%	23,034.89	5758.72	22.4%	23,034.89	5758.72	22.4%
7:45 AM	68,164.51	17041.13	66.2%	20,121.80	5030.45	19.5%	20,121.80	5030.45	19.5%
8:00 AM	65,258.95	16314.74	63.3%	17,345.05	4336.26	16.8%	17,345.05	4336.26	16.8%
8:15 AM	62,783.93	15695.98	60.9%	16,464.56	4116.14	16.0%	16,464.56	4116.14	16.0%
8:30 AM	59,958.79	14989.70	58.2%	15,824.04	3956.01	15.4%	15,824.04	3956.01	15.4%
8:45 AM	56,964.30	14241.07	55.3%	15,565.36	3891.34	15.1%	15,565.36	3891.34	15.1%
9:00 AM	53,490.20	13372.55	51.9%	15,769.45	3942.36	15.3%	15,769.45	3942.36	15.3%
9:15 AM	50,070.77	12517.69	48.6%	16,091.78	4022.94	15.6%	16,091.78	4022.94	15.6%
9:30 AM	46,931.54	11732.89	45.5%	16,638.13	4159.53	16.1%	16,638.13	4159.53	16.1%
9:45 AM	44,039.08	11009.77	42.7%	16,864.70	4216.18	16.4%	16,864.70	4216.18	16.4%
10:00 AM	41,310.07	10327.52	40.1%	15,968.25	3992.06	15.5%	15,968.25	3992.06	15.5%
10:15 AM	38,677.38	9669.34	37.5%	14,521.11	3630.28	14.1%	14,521.11	3630.28	14.1%
10:30 AM	35,230.69	8807.67	34.2%	12,536.73	3134.18	12.2%	12,536.73	3134.18	12.2%
10:45 AM	32,361.18	8090.30	31.4%	10,276.07	2569.02	10.0%	10,276.07	2569.02	10.0%
11:00 AM	29,566.05	7391.51	28.7%	7,348.51	1837.13	7.1%	7,348.51	1837.13	7.1%
11:15 AM	27,117.01	6779.25	26.3%	4,625.50	1156.38	4.5%	4,625.50	1156.38	4.5%
11:30 AM	24,639.89	6159.97	23.9%	2,118.03	529.51	2.1%	2,118.03	529.51	2.1%
11:45 AM	22,445.67	5611.42	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	20,191.87	5047.97	19.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	18,585.68	4646.42	18.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	16,681.32	4170.33	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	15,029.45	3757.36	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	13,084.82	3271.20	12.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	11,396.37	2849.09	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	9,288.77	2322.19	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	7,469.65	1867.41	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	5,159.33	1289.83	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	3,141.49	785.37	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	711.63	177.91	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	133.04	33.26	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	26.36	6.59	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.08	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	282.21	70.55	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	1,355.93	338.98	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	15,464.64	3866.16	15.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	51,056.14	12764.03	49.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	87,071.04	13060.66	84.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:18 PM	89,581.07	2687.43	86.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	67,861.92	6107.57	65.9%	25,887.26	2329.85	25.1%	25,887.26	2329.85	25.1%
7:30 AM	68,890.86	14467.08	66.9%	24,730.18	5193.34	24.0%	24,730.18	5193.34	24.0%
7:45 AM	70,134.28	17533.57	68.1%	21,870.40	5467.60	21.2%	21,870.40	5467.60	21.2%
8:00 AM	68,357.01	17089.25	66.3%	19,986.77	4996.69	19.4%	19,986.77	4996.69	19.4%
8:15 AM	65,330.49	16332.62	63.4%	18,819.66	4704.91	18.3%	18,819.66	4704.91	18.3%
8:30 AM	62,624.79	15656.20	60.8%	17,380.62	4345.16	16.9%	17,380.62	4345.16	16.9%
8:45 AM	59,412.18	14853.05	57.7%	16,825.06	4206.26	16.3%	16,825.06	4206.26	16.3%
9:00 AM	56,265.98	14066.50	54.6%	16,807.16	4201.79	16.3%	16,807.16	4201.79	16.3%
9:15 AM	52,646.29	13161.57	51.1%	16,992.61	4248.15	16.5%	16,992.61	4248.15	16.5%
9:30 AM	49,206.03	12301.51	47.8%	17,324.89	4331.22	16.8%	17,324.89	4331.22	16.8%
9:45 AM	46,093.55	11523.39	44.7%	17,858.64	4464.66	17.3%	17,858.64	4464.66	17.3%
10:00 AM	43,223.71	10805.93	41.9%	17,247.36	4311.84	16.7%	17,247.36	4311.84	16.7%
10:15 AM	40,547.80	10136.95	39.4%	15,990.30	3997.57	15.5%	15,990.30	3997.57	15.5%
10:30 AM	37,598.26	9399.57	36.5%	14,143.48	3535.87	13.7%	14,143.48	3535.87	13.7%
10:45 AM	34,298.83	8574.71	33.3%	11,464.23	2866.06	11.1%	11,464.23	2866.06	11.1%
11:00 AM	31,327.41	7831.85	30.4%	8,142.79	2035.70	7.9%	8,142.79	2035.70	7.9%
11:15 AM	28,739.29	7184.82	27.9%	5,158.23	1289.56	5.0%	5,158.23	1289.56	5.0%
11:30 AM	26,136.48	6534.12	25.4%	2,431.17	607.79	2.4%	2,431.17	607.79	2.4%
11:45 AM	23,833.16	5958.29	23.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	21,704.01	5426.00	21.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	20,034.41	5008.60	19.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	18,078.20	4519.55	17.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	16,369.19	4092.30	15.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	14,366.91	3591.73	13.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,614.00	3153.50	12.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	10,448.60	2612.15	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	8,559.72	2139.93	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	6,197.93	1549.48	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,103.70	1025.92	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,579.47	394.87	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	271.41	67.85	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	46.22	11.55	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	2.83	0.71	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.23	0.06	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.13	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	411.12	102.78	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	3,019.85	754.96	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	24,593.19	8361.68	23.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:10 PM	86,120.21	18085.25	83.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	69,459.84	2778.39	67.4%	25,362.39	1014.50	24.6%	25,362.39	1014.50	24.6%
7:30 AM	69,855.10	11875.37	67.8%	25,192.09	4282.65	24.4%	25,192.09	4282.65	24.4%
7:45 AM	71,037.84	17759.46	68.9%	23,868.07	5967.02	23.2%	23,868.07	5967.02	23.2%
8:00 AM	72,060.37	18015.09	69.9%	22,262.72	5565.68	21.6%	22,262.72	5565.68	21.6%
8:15 AM	68,716.75	17179.19	66.7%	21,163.52	5290.88	20.5%	21,163.52	5290.88	20.5%
8:30 AM	65,696.48	16424.12	63.8%	19,581.23	4895.31	19.0%	19,581.23	4895.31	19.0%
8:45 AM	62,565.78	15641.44	60.7%	18,087.08	4521.77	17.6%	18,087.08	4521.77	17.6%
9:00 AM	58,907.70	14726.93	57.2%	17,730.45	4432.61	17.2%	17,730.45	4432.61	17.2%
9:15 AM	55,579.41	13894.85	53.9%	17,899.49	4474.87	17.4%	17,899.49	4474.87	17.4%
9:30 AM	51,768.17	12942.04	50.2%	18,039.96	4509.99	17.5%	18,039.96	4509.99	17.5%
9:45 AM	48,414.54	12103.63	47.0%	18,545.30	4636.32	18.0%	18,545.30	4636.32	18.0%
10:00 AM	45,336.51	11334.13	44.0%	18,101.04	4525.26	17.6%	18,101.04	4525.26	17.6%
10:15 AM	42,451.71	10612.93	41.2%	17,133.48	4283.37	16.6%	17,133.48	4283.37	16.6%
10:30 AM	39,653.57	9913.39	38.5%	15,387.12	3846.78	14.9%	15,387.12	3846.78	14.9%
10:45 AM	36,679.02	9169.75	35.6%	12,470.89	3117.72	12.1%	12,470.89	3117.72	12.1%
11:00 AM	33,297.35	8324.34	32.3%	9,033.33	2258.33	8.8%	9,033.33	2258.33	8.8%
11:15 AM	30,543.79	7635.95	29.6%	5,703.49	1425.87	5.5%	5,703.49	1425.87	5.5%
11:30 AM	27,796.54	6949.13	27.0%	2,711.13	677.78	2.6%	2,711.13	677.78	2.6%
11:45 AM	25,421.54	6355.38	24.7%	33.49	8.37	0.0%	33.49	8.37	0.0%
12:00 PM	23,426.97	5856.74	22.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	21,710.70	5427.67	21.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	19,700.75	4925.19	19.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	17,931.14	4482.78	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	15,828.52	3957.13	15.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	13,997.52	3499.38	13.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	11,768.57	2942.14	11.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	9,799.98	2450.00	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	7,374.72	1843.68	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	5,227.32	1306.83	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	2,604.81	651.20	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	462.59	115.65	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	80.80	20.20	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	9.86	2.47	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.13	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.12	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.10	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	668.38	167.09	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	7,283.74	1820.93	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	36,885.63	9959.12	35.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:02 PM	82,749.09	11584.87	80.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	70,957.71	7805.35	68.9%	24,842.91	2732.72	24.1%	24,842.91	2732.72	24.1%
7:45 AM	71,949.35	16548.35	69.8%	24,392.93	5610.37	23.7%	24,392.93	5610.37	23.7%
8:00 AM	72,943.09	18235.77	70.8%	23,809.60	5952.40	23.1%	23,809.60	5952.40	23.1%
8:15 AM	73,396.89	18349.22	71.2%	22,571.03	5642.76	21.9%	22,571.03	5642.76	21.9%
8:30 AM	69,132.97	17283.24	67.1%	21,954.91	5488.73	21.3%	21,954.91	5488.73	21.3%
8:45 AM	65,576.98	16394.24	63.6%	20,022.47	5005.62	19.4%	20,022.47	5005.62	19.4%
9:00 AM	61,971.74	15492.94	60.1%	18,282.66	4570.66	17.7%	18,282.66	4570.66	17.7%
9:15 AM	58,184.40	14546.10	56.5%	18,665.86	4666.46	18.1%	18,665.86	4666.46	18.1%
9:30 AM	54,516.66	13629.17	52.9%	18,698.81	4674.70	18.1%	18,698.81	4674.70	18.1%
9:45 AM	50,989.01	12747.25	49.5%	18,699.62	4674.90	18.1%	18,699.62	4674.90	18.1%
10:00 AM	47,600.73	11900.18	46.2%	18,584.30	4646.08	18.0%	18,584.30	4646.08	18.0%
10:15 AM	44,482.65	11120.66	43.2%	17,660.15	4415.04	17.1%	17,660.15	4415.04	17.1%
10:30 AM	41,480.12	10370.03	40.3%	15,626.75	3906.69	15.2%	15,626.75	3906.69	15.2%
10:45 AM	38,712.03	9678.01	37.6%	12,995.90	3248.98	12.6%	12,995.90	3248.98	12.6%
11:00 AM	35,554.98	8888.74	34.5%	9,725.14	2431.28	9.4%	9,725.14	2431.28	9.4%
11:15 AM	32,465.85	8116.46	31.5%	6,175.91	1543.98	6.0%	6,175.91	1543.98	6.0%
11:30 AM	29,555.18	7388.80	28.7%	2,860.72	715.18	2.8%	2,860.72	715.18	2.8%
11:45 AM	27,419.93	6854.98	26.6%	28.96	7.24	0.0%	28.96	7.24	0.0%
12:00 PM	25,333.86	6333.47	24.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	23,575.63	5893.91	22.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	21,507.11	5376.78	20.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	19,706.25	4926.56	19.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	17,479.67	4369.92	17.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	15,532.56	3883.14	15.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	13,203.23	3300.81	12.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	11,150.72	2787.68	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	8,689.69	2172.42	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	6,458.74	1614.69	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,668.61	917.15	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,069.02	267.25	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	145.05	36.26	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	25.81	6.45	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.15	0.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.10	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.12	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	104.58	26.14	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	1,183.36	295.84	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	16,258.54	4064.63	15.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	54,528.38	10360.39	52.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:52 PM	78,127.82	4687.67	75.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	72,342.92	4340.58	70.2%	24,333.90	1460.03	23.6%	24,333.90	1460.03	23.6%
7:45 AM	72,841.78	13839.94	70.7%	24,091.42	4577.37	23.4%	24,091.42	4577.37	23.4%
8:00 AM	73,781.65	18445.41	71.6%	23,645.40	5911.35	22.9%	23,645.40	5911.35	22.9%
8:15 AM	74,647.12	18661.78	72.4%	23,239.54	5809.89	22.6%	23,239.54	5809.89	22.6%
8:30 AM	73,917.06	18479.26	71.7%	22,843.86	5710.97	22.2%	22,843.86	5710.97	22.2%
8:45 AM	68,702.72	17175.68	66.7%	21,916.80	5479.20	21.3%	21,916.80	5479.20	21.3%
9:00 AM	64,693.91	16173.48	62.8%	19,359.43	4839.86	18.8%	19,359.43	4839.86	18.8%
9:15 AM	61,361.04	15340.26	59.6%	19,023.18	4755.80	18.5%	19,023.18	4755.80	18.5%
9:30 AM	57,276.01	14319.00	55.6%	19,050.40	4762.60	18.5%	19,050.40	4762.60	18.5%
9:45 AM	53,857.84	13464.46	52.3%	18,955.68	4738.92	18.4%	18,955.68	4738.92	18.4%
10:00 AM	50,108.23	12527.06	48.6%	18,597.34	4649.33	18.0%	18,597.34	4649.33	18.0%
10:15 AM	46,721.04	11680.26	45.3%	17,087.36	4271.84	16.6%	17,087.36	4271.84	16.6%
10:30 AM	43,475.05	10868.76	42.2%	15,316.81	3829.20	14.9%	15,316.81	3829.20	14.9%
10:45 AM	40,554.19	10138.55	39.4%	12,951.48	3237.87	12.6%	12,951.48	3237.87	12.6%
11:00 AM	37,766.08	9441.52	36.7%	9,918.48	2479.62	9.6%	9,918.48	2479.62	9.6%
11:15 AM	34,738.87	8684.72	33.7%	6,425.86	1606.46	6.2%	6,425.86	1606.46	6.2%
11:30 AM	31,669.46	7917.36	30.7%	2,964.80	741.20	2.9%	2,964.80	741.20	2.9%
11:45 AM	29,670.36	7417.59	28.8%	9.16	2.29	0.0%	9.16	2.29	0.0%
12:00 PM	27,511.71	6877.93	26.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	25,683.65	6420.91	24.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	23,568.67	5892.17	22.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	21,715.01	5428.75	21.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	19,412.25	4853.06	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	17,329.62	4332.41	16.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	14,857.75	3714.44	14.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	12,735.75	3183.94	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	10,202.62	2550.65	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	7,795.16	1948.79	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,790.86	1197.71	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	2,012.88	503.22	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	294.55	73.64	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	50.48	12.62	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.12	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.08	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.12	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.15	0.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.10	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	393.60	98.40	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	4,083.91	1020.98	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	30,381.61	6987.77	29.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:42 PM	69,941.97	7693.62	67.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	73,613.82	9569.80	71.4%	23,837.28	3098.85	23.1%	23,837.28	3098.85	23.1%
8:00 AM	74,580.54	18645.13	72.4%	23,342.33	5835.58	22.7%	23,342.33	5835.58	22.7%
8:15 AM	75,343.35	18835.84	73.1%	22,996.41	5749.10	22.3%	22,996.41	5749.10	22.3%
8:30 AM	75,641.29	18910.32	73.4%	22,559.68	5639.92	21.9%	22,559.68	5639.92	21.9%
8:45 AM	73,519.95	18379.99	71.4%	22,283.35	5570.84	21.6%	22,283.35	5570.84	21.6%
9:00 AM	67,744.03	16936.01	65.7%	21,436.12	5359.03	20.8%	21,436.12	5359.03	20.8%
9:15 AM	64,065.78	16016.44	62.2%	19,709.00	4927.25	19.1%	19,709.00	4927.25	19.1%
9:30 AM	60,798.68	15199.67	59.0%	19,353.52	4838.38	18.8%	19,353.52	4838.38	18.8%
9:45 AM	56,780.38	14195.09	55.1%	19,069.55	4767.39	18.5%	19,069.55	4767.39	18.5%
10:00 AM	52,945.96	13236.49	51.4%	17,793.40	4448.35	17.3%	17,793.40	4448.35	17.3%
10:15 AM	49,286.19	12321.55	47.8%	16,075.64	4018.91	15.6%	16,075.64	4018.91	15.6%
10:30 AM	45,703.68	11425.92	44.4%	14,493.50	3623.38	14.1%	14,493.50	3623.38	14.1%
10:45 AM	42,596.75	10649.19	41.3%	12,323.06	3080.77	12.0%	12,323.06	3080.77	12.0%
11:00 AM	39,621.64	9905.41	38.5%	9,630.30	2407.57	9.3%	9,630.30	2407.57	9.3%
11:15 AM	37,000.24	9250.06	35.9%	6,305.97	1576.49	6.1%	6,305.97	1576.49	6.1%
11:30 AM	34,434.67	8608.67	33.4%	3,050.54	762.64	3.0%	3,050.54	762.64	3.0%
11:45 AM	32,244.86	8061.22	31.3%	1.64	0.41	0.0%	1.64	0.41	0.0%
12:00 PM	29,977.07	7494.27	29.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	28,047.62	7011.91	27.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	25,880.02	6470.00	25.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	23,966.60	5991.65	23.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	21,580.85	5395.21	20.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	19,354.14	4838.54	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	16,785.09	4196.27	16.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	14,541.23	3635.31	14.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	11,835.67	2958.92	11.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	9,202.91	2300.73	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	5,988.64	1497.16	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,067.87	766.97	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	458.67	114.67	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	89.25	22.31	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1.17	0.29	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.10	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.08	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	745.44	186.36	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	12,152.65	3281.21	11.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:31 PM	56,961.68	7974.64	55.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	74,776.99	5982.16	72.6%	23,351.38	1868.11	22.7%	23,351.38	1868.11	22.7%
8:00 AM	75,327.89	15818.86	73.1%	23,050.52	4840.61	22.4%	23,050.52	4840.61	22.4%
8:15 AM	75,962.34	18990.58	73.7%	22,677.57	5669.39	22.0%	22,677.57	5669.39	22.0%
8:30 AM	76,108.71	19027.18	73.9%	22,468.68	5617.17	21.8%	22,468.68	5617.17	21.8%
8:45 AM	75,890.95	18972.74	73.7%	22,684.11	5671.03	22.0%	22,684.11	5671.03	22.0%
9:00 AM	72,399.47	18099.87	70.3%	22,463.65	5615.91	21.8%	22,463.65	5615.91	21.8%
9:15 AM	66,952.07	16738.02	65.0%	20,909.75	5227.44	20.3%	20,909.75	5227.44	20.3%
9:30 AM	63,432.11	15858.03	61.6%	19,602.64	4900.66	19.0%	19,602.64	4900.66	19.0%
9:45 AM	60,249.17	15062.29	58.5%	18,072.61	4518.15	17.5%	18,072.61	4518.15	17.5%
10:00 AM	55,949.33	13987.33	54.3%	16,823.13	4205.78	16.3%	16,823.13	4205.78	16.3%
10:15 AM	52,220.95	13055.24	50.7%	14,953.61	3738.40	14.5%	14,953.61	3738.40	14.5%
10:30 AM	48,266.42	12066.61	46.8%	13,212.06	3303.01	12.8%	13,212.06	3303.01	12.8%
10:45 AM	44,859.28	11214.82	43.5%	11,202.26	2800.56	10.9%	11,202.26	2800.56	10.9%
11:00 AM	41,650.34	10412.59	40.4%	8,651.44	2162.86	8.4%	8,651.44	2162.86	8.4%
11:15 AM	39,384.48	9846.12	38.2%	5,649.28	1412.32	5.5%	5,649.28	1412.32	5.5%
11:30 AM	37,475.49	9368.87	36.4%	2,708.24	677.06	2.6%	2,708.24	677.06	2.6%
11:45 AM	35,242.26	8810.57	34.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	32,743.18	8185.79	31.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	30,720.21	7680.05	29.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	28,460.54	7115.13	27.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	26,481.10	6620.27	25.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	23,950.25	5987.56	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	21,591.51	5397.88	21.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	18,879.14	4719.79	18.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	16,467.38	4116.84	16.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	13,545.62	3386.40	13.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	10,658.82	2664.70	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	7,269.79	1817.45	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,210.27	1052.57	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,036.02	259.00	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	191.30	47.82	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	12.78	3.19	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.08	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	86.72	21.68	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	2,320.80	580.20	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	27,157.58	4888.36	26.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:21 PM	44,203.66	2210.18	42.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	75,837.72	1516.75	73.6%	22,908.31	458.17	22.2%	22,908.31	458.17	22.2%
8:00 AM	76,014.11	11402.12	73.8%	22,914.37	3437.15	22.2%	22,914.37	3437.15	22.2%
8:15 AM	76,804.21	19201.05	74.5%	22,782.97	5695.74	22.1%	22,782.97	5695.74	22.1%
8:30 AM	76,758.61	19189.65	74.5%	22,808.40	5702.10	22.1%	22,808.40	5702.10	22.1%
8:45 AM	76,084.61	19021.15	73.8%	22,777.30	5694.33	22.1%	22,777.30	5694.33	22.1%
9:00 AM	75,247.88	18811.97	73.0%	22,319.63	5579.91	21.7%	22,319.63	5579.91	21.7%
9:15 AM	70,395.32	17598.83	68.3%	21,452.79	5363.20	20.8%	21,452.79	5363.20	20.8%
9:30 AM	66,230.35	16557.59	64.3%	18,722.46	4680.61	18.2%	18,722.46	4680.61	18.2%
9:45 AM	62,958.87	15739.72	61.1%	16,980.85	4245.21	16.5%	16,980.85	4245.21	16.5%
10:00 AM	59,431.17	14857.79	57.7%	15,547.93	3886.98	15.1%	15,547.93	3886.98	15.1%
10:15 AM	55,050.29	13762.57	53.4%	13,829.70	3457.43	13.4%	13,829.70	3457.43	13.4%
10:30 AM	50,998.83	12749.71	49.5%	11,804.41	2951.10	11.5%	11,804.41	2951.10	11.5%
10:45 AM	47,393.62	11848.40	46.0%	9,647.81	2411.95	9.4%	9,647.81	2411.95	9.4%
11:00 AM	44,104.00	11026.00	42.8%	7,422.31	1855.58	7.2%	7,422.31	1855.58	7.2%
11:15 AM	42,122.46	10530.61	40.9%	4,834.33	1208.58	4.7%	4,834.33	1208.58	4.7%
11:30 AM	40,143.70	10035.93	39.0%	2,258.67	564.67	2.2%	2,258.67	564.67	2.2%
11:45 AM	38,536.63	9634.16	37.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	35,883.29	8970.82	34.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	33,731.38	8432.84	32.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	31,349.28	7837.32	30.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	29,284.41	7321.10	28.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	26,541.22	6635.30	25.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	24,004.82	6001.20	23.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	21,108.93	5277.23	20.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	18,504.90	4626.22	18.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	15,333.01	3833.25	14.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	12,169.72	3042.43	11.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	8,643.79	2160.95	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	5,444.28	1361.07	5.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	2,057.93	514.48	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	334.48	83.62	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	40.60	10.15	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.13	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.08	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.20	0.05	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	439.85	109.96	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	9,846.64	2067.79	9.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:09 PM	32,190.91	2575.27	31.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	76,804.06	7680.41	74.5%	23,472.73	2347.27	22.8%	23,472.73	2347.27	22.8%
8:15 AM	77,414.48	17031.18	75.1%	23,027.26	5066.00	22.3%	23,027.26	5066.00	22.3%
8:30 AM	77,107.73	19276.93	74.8%	23,426.75	5856.69	22.7%	23,426.75	5856.69	22.7%
8:45 AM	76,057.96	19014.49	73.8%	22,549.98	5637.50	21.9%	22,549.98	5637.50	21.9%
9:00 AM	75,508.05	18877.01	73.3%	21,749.99	5437.50	21.1%	21,749.99	5437.50	21.1%
9:15 AM	74,798.67	18699.67	72.6%	20,755.68	5188.92	20.1%	20,755.68	5188.92	20.1%
9:30 AM	69,485.40	17371.35	67.4%	17,912.67	4478.17	17.4%	17,912.67	4478.17	17.4%
9:45 AM	65,824.98	16456.24	63.9%	15,784.73	3946.18	15.3%	15,784.73	3946.18	15.3%
10:00 AM	62,054.75	15513.69	60.2%	14,199.71	3549.93	13.8%	14,199.71	3549.93	13.8%
10:15 AM	58,217.05	14554.26	56.5%	12,308.49	3077.12	11.9%	12,308.49	3077.12	11.9%
10:30 AM	53,700.59	13425.15	52.1%	10,319.00	2579.75	10.0%	10,319.00	2579.75	10.0%
10:45 AM	50,013.03	12503.26	48.5%	8,129.01	2032.25	7.9%	8,129.01	2032.25	7.9%
11:00 AM	47,297.34	11824.33	45.9%	6,071.74	1517.93	5.9%	6,071.74	1517.93	5.9%
11:15 AM	45,137.75	11284.44	43.8%	3,891.80	972.95	3.8%	3,891.80	972.95	3.8%
11:30 AM	43,029.21	10757.30	41.8%	1,766.58	441.64	1.7%	1,766.58	441.64	1.7%
11:45 AM	41,364.96	10341.24	40.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	39,425.26	9856.32	38.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	37,068.47	9267.12	36.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	34,536.45	8634.11	33.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	32,344.13	8086.03	31.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	29,177.08	7294.27	28.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	26,494.28	6623.57	25.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	23,479.19	5869.80	22.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	20,641.80	5160.45	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	17,184.76	4296.19	16.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	13,778.61	3444.65	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	10,111.24	2527.81	9.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	6,766.90	1691.72	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	3,221.01	805.25	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	486.91	121.73	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	89.85	22.46	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.15	0.04	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	1,629.33	374.75	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:58 PM	21,140.51	2325.46	20.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	77,400.49	3096.02	75.1%	23,761.75	950.47	23.1%	23,761.75	950.47	23.1%
8:15 AM	77,326.63	13145.53	75.0%	23,835.87	4052.10	23.1%	23,835.87	4052.10	23.1%
8:30 AM	76,852.07	19213.02	74.6%	24,310.20	6077.55	23.6%	24,310.20	6077.55	23.6%
8:45 AM	76,011.91	19002.98	73.8%	22,681.31	5670.33	22.0%	22,681.31	5670.33	22.0%
9:00 AM	75,476.29	18869.07	73.3%	21,231.05	5307.76	20.6%	21,231.05	5307.76	20.6%
9:15 AM	75,424.28	18856.07	73.2%	20,455.40	5113.85	19.9%	20,455.40	5113.85	19.9%
9:30 AM	75,059.56	18764.89	72.8%	16,777.24	4194.31	16.3%	16,777.24	4194.31	16.3%
9:45 AM	69,365.93	17341.48	67.3%	14,525.05	3631.26	14.1%	14,525.05	3631.26	14.1%
10:00 AM	64,930.65	16232.66	63.0%	12,818.54	3204.64	12.4%	12,818.54	3204.64	12.4%
10:15 AM	60,804.88	15201.22	59.0%	10,838.51	2709.63	10.5%	10,838.51	2709.63	10.5%
10:30 AM	56,601.00	14150.25	54.9%	8,882.82	2220.70	8.6%	8,882.82	2220.70	8.6%
10:45 AM	53,139.99	13285.00	51.6%	6,801.01	1700.25	6.6%	6,801.01	1700.25	6.6%
11:00 AM	50,530.64	12632.66	49.0%	4,863.10	1215.78	4.7%	4,863.10	1215.78	4.7%
11:15 AM	48,503.49	12125.87	47.1%	2,912.24	728.06	2.8%	2,912.24	728.06	2.8%
11:30 AM	46,196.22	11549.05	44.8%	1,231.99	308.00	1.2%	1,231.99	308.00	1.2%
11:45 AM	44,382.18	11095.55	43.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	42,421.61	10605.40	41.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	40,890.43	10222.61	39.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	38,090.07	9522.52	37.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	35,879.36	8969.84	34.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	32,653.30	8163.33	31.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	29,523.19	7380.80	28.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	26,024.63	6506.16	25.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	22,913.96	5728.49	22.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	19,136.82	4784.20	18.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	15,545.72	3886.43	15.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	11,722.42	2930.61	11.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	8,225.86	2056.46	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,544.96	1136.24	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,233.07	308.27	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	191.35	47.84	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	7.80	1.95	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	237.50	64.13	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:47 PM	11,217.35	1570.43	10.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	77,319.71	9278.36	75.0%	23,842.63	2861.12	23.1%	23,842.63	2861.12	23.1%
8:30 AM	76,747.36	18419.37	74.5%	24,415.02	5859.60	23.7%	24,415.02	5859.60	23.7%
8:45 AM	76,031.90	19007.98	73.8%	23,308.43	5827.11	22.6%	23,308.43	5827.11	22.6%
9:00 AM	75,710.01	18927.50	73.5%	20,800.49	5200.12	20.2%	20,800.49	5200.12	20.2%
9:15 AM	76,334.05	19083.51	74.1%	18,439.24	4609.81	17.9%	18,439.24	4609.81	17.9%
9:30 AM	76,807.26	19201.81	74.5%	15,278.18	3819.55	14.8%	15,278.18	3819.55	14.8%
9:45 AM	75,079.84	18769.96	72.9%	13,236.15	3309.04	12.8%	13,236.15	3309.04	12.8%
10:00 AM	68,444.62	17111.16	66.4%	11,464.63	2866.16	11.1%	11,464.63	2866.16	11.1%
10:15 AM	63,676.09	15919.02	61.8%	9,512.61	2378.15	9.2%	9,512.61	2378.15	9.2%
10:30 AM	59,615.17	14903.79	57.9%	7,628.74	1907.18	7.4%	7,628.74	1907.18	7.4%
10:45 AM	56,694.75	14173.69	55.0%	5,661.64	1415.41	5.5%	5,661.64	1415.41	5.5%
11:00 AM	53,715.03	13428.76	52.1%	3,848.39	962.10	3.7%	3,848.39	962.10	3.7%
11:15 AM	51,740.50	12935.12	50.2%	2,085.25	521.31	2.0%	2,085.25	521.31	2.0%
11:30 AM	49,556.58	12389.14	48.1%	711.75	177.94	0.7%	711.75	177.94	0.7%
11:45 AM	47,654.07	11913.52	46.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	45,690.75	11422.69	44.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	44,111.36	11027.84	42.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	42,050.53	10512.63	40.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	39,258.95	9814.74	38.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	35,617.09	8904.27	34.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	32,358.42	8089.60	31.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	28,744.33	7186.08	27.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	25,313.84	6328.46	24.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	21,234.66	5308.66	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	17,474.68	4368.67	17.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,481.72	3370.43	13.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	9,826.48	2456.62	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	6,018.26	1504.56	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	2,484.26	621.07	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	339.85	84.96	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	36.27	9.07	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.20	0.05	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.10	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	1,036.33	196.90	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:37 PM	4,532.78	271.97	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	77,389.12	4643.35	75.1%	23,773.39	1426.40	23.1%	23,773.39	1426.40	23.1%
8:30 AM	76,968.15	13854.27	74.7%	24,194.27	4354.97	23.5%	24,194.27	4354.97	23.5%
8:45 AM	76,456.22	19114.06	74.2%	24,692.01	6173.00	24.0%	24,692.01	6173.00	24.0%
9:00 AM	76,757.67	19189.42	74.5%	20,699.17	5174.79	20.1%	20,699.17	5174.79	20.1%
9:15 AM	77,833.25	19458.31	75.5%	17,529.09	4382.27	17.0%	17,529.09	4382.27	17.0%
9:30 AM	77,978.07	19494.52	75.7%	15,101.84	3775.46	14.7%	15,101.84	3775.46	14.7%
9:45 AM	77,503.49	19375.87	75.2%	12,661.76	3165.44	12.3%	12,661.76	3165.44	12.3%
10:00 AM	74,375.84	18593.96	72.2%	10,389.07	2597.27	10.1%	10,389.07	2597.27	10.1%
10:15 AM	67,298.63	16824.66	65.3%	8,366.96	2091.74	8.1%	8,366.96	2091.74	8.1%
10:30 AM	63,114.68	15778.67	61.3%	6,556.04	1639.01	6.4%	6,556.04	1639.01	6.4%
10:45 AM	60,378.99	15094.75	58.6%	4,702.45	1175.61	4.6%	4,702.45	1175.61	4.6%
11:00 AM	57,257.61	14314.40	55.6%	3,018.01	754.50	2.9%	3,018.01	754.50	2.9%
11:15 AM	54,924.16	13731.04	53.3%	1,444.29	361.07	1.4%	1,444.29	361.07	1.4%
11:30 AM	52,838.53	13209.63	51.3%	329.33	82.33	0.3%	329.33	82.33	0.3%
11:45 AM	51,035.83	12758.96	49.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	49,041.11	12260.28	47.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	47,360.28	11840.07	46.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	45,444.63	11361.16	44.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	43,309.87	10827.47	42.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	39,102.29	9775.57	37.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	35,561.73	8890.43	34.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	31,649.32	7912.33	30.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	27,841.58	6960.40	27.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	23,490.01	5872.50	22.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	19,542.64	4885.66	19.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	15,363.31	3840.83	14.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	11,565.18	2891.30	11.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	7,650.91	1912.73	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	3,973.96	993.49	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	510.52	127.63	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	107.93	26.98	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.12	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.12	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:27 PM	1,723.43	172.34	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	77,768.63	10109.92	75.5%	23,393.74	3041.19	22.7%	23,393.74	3041.19	22.7%
7:45 AM	77,348.42	19337.10	75.1%	23,195.54	5798.88	22.5%	23,195.54	5798.88	22.5%
8:00 AM	77,942.69	19485.67	75.6%	21,319.40	5329.85	20.7%	21,319.40	5329.85	20.7%
8:15 AM	78,905.03	19726.26	76.6%	19,959.75	4989.94	19.4%	19,959.75	4989.94	19.4%
8:30 AM	80,060.64	20015.16	77.7%	16,213.51	4053.38	15.7%	16,213.51	4053.38	15.7%
8:45 AM	78,828.43	19707.11	76.5%	13,118.02	3279.51	12.7%	13,118.02	3279.51	12.7%
9:00 AM	77,136.24	19284.06	74.9%	10,445.18	2611.30	10.1%	10,445.18	2611.30	10.1%
9:15 AM	73,505.88	18376.47	71.3%	7,905.58	1976.39	7.7%	7,905.58	1976.39	7.7%
9:30 AM	67,205.00	16801.25	65.2%	5,677.22	1419.30	5.5%	5,677.22	1419.30	5.5%
9:45 AM	63,796.03	15949.01	61.9%	3,928.80	982.20	3.8%	3,928.80	982.20	3.8%
10:00 AM	61,131.49	15282.87	59.3%	2,370.56	592.64	2.3%	2,370.56	592.64	2.3%
10:15 AM	58,381.33	14595.33	56.7%	979.10	244.77	1.0%	979.10	244.77	1.0%
10:30 AM	55,896.33	13974.08	54.2%	114.37	28.59	0.1%	114.37	28.59	0.1%
10:45 AM	54,289.69	13572.42	52.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	52,532.84	13133.21	51.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	50,905.83	12726.46	49.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	48,881.46	12220.36	47.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	46,449.03	11612.26	45.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	42,977.09	10744.27	41.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	39,073.44	9768.36	37.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	34,763.60	8690.90	33.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	30,545.35	7636.34	29.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	25,919.01	6479.75	25.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	21,761.23	5440.31	21.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	17,381.22	4345.31	16.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	13,488.26	3372.07	13.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	9,473.77	2368.44	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	5,681.39	1420.35	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,610.15	402.54	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	221.28	55.32	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.10	0.03	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	143.05	21.46	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:18 PM	651.51	19.55	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	78,544.89	5498.14	76.2%	22,617.37	1583.22	22.0%	22,617.37	1583.22	22.0%
7:45 AM	78,533.05	14921.28	76.2%	22,174.01	4213.06	21.5%	22,174.01	4213.06	21.5%
8:00 AM	78,941.59	19735.40	76.6%	21,850.39	5462.60	21.2%	21,850.39	5462.60	21.2%
8:15 AM	79,804.82	19951.21	77.5%	21,344.10	5336.03	20.7%	21,344.10	5336.03	20.7%
8:30 AM	81,067.62	20266.91	78.7%	18,224.75	4556.19	17.7%	18,224.75	4556.19	17.7%
8:45 AM	81,067.77	20266.94	78.7%	14,368.97	3592.24	13.9%	14,368.97	3592.24	13.9%
9:00 AM	78,619.13	19654.78	76.3%	11,388.76	2847.19	11.1%	11,388.76	2847.19	11.1%
9:15 AM	77,030.72	19257.68	74.8%	8,366.04	2091.51	8.1%	8,366.04	2091.51	8.1%
9:30 AM	72,840.44	18210.11	70.7%	5,440.99	1360.25	5.3%	5,440.99	1360.25	5.3%
9:45 AM	67,613.99	16903.50	65.6%	3,326.06	831.52	3.2%	3,326.06	831.52	3.2%
10:00 AM	64,222.06	16055.51	62.3%	1,884.20	471.05	1.8%	1,884.20	471.05	1.8%
10:15 AM	62,122.05	15530.51	60.3%	660.21	165.05	0.6%	660.21	165.05	0.6%
10:30 AM	59,101.45	14775.36	57.4%	20.41	5.10	0.0%	20.41	5.10	0.0%
10:45 AM	57,287.07	14321.77	55.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	55,608.87	13902.22	54.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	54,295.88	13573.97	52.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	52,338.42	13084.61	50.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	49,820.89	12455.22	48.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	46,265.95	11566.49	44.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	42,733.55	10683.39	41.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	37,961.24	9490.31	36.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	33,406.77	8351.69	32.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	28,501.39	7125.35	27.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	24,106.14	6026.54	23.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	19,557.90	4889.48	19.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	15,585.33	3896.33	15.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	11,476.08	2869.02	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	7,587.77	1896.94	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,309.78	827.44	3.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	404.78	101.20	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	23.80	5.95	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:10 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	79,683.51	796.84	77.3%	21,478.33	214.78	20.8%	21,478.33	214.78	20.8%
7:45 AM	79,580.62	10345.48	77.2%	21,581.87	2805.64	20.9%	21,581.87	2805.64	20.9%
8:00 AM	79,779.16	19944.79	77.4%	21,383.11	5345.78	20.8%	21,383.11	5345.78	20.8%
8:15 AM	80,678.12	20169.53	78.3%	20,484.17	5121.04	19.9%	20,484.17	5121.04	19.9%
8:30 AM	82,260.36	20565.09	79.8%	18,795.69	4698.92	18.2%	18,795.69	4698.92	18.2%
8:45 AM	82,271.58	20567.89	79.8%	16,220.47	4055.12	15.7%	16,220.47	4055.12	15.7%
9:00 AM	80,638.15	20159.54	78.3%	12,786.01	3196.50	12.4%	12,786.01	3196.50	12.4%
9:15 AM	78,716.15	19679.04	76.4%	9,420.57	2355.14	9.1%	9,420.57	2355.14	9.1%
9:30 AM	77,137.77	19284.44	74.9%	5,989.14	1497.29	5.8%	5,989.14	1497.29	5.8%
9:45 AM	72,315.82	18078.95	70.2%	3,153.70	788.42	3.1%	3,153.70	788.42	3.1%
10:00 AM	67,555.36	16888.84	65.6%	1,545.13	386.28	1.5%	1,545.13	386.28	1.5%
10:15 AM	64,961.79	16240.45	63.0%	458.90	114.73	0.4%	458.90	114.73	0.4%
10:30 AM	62,814.30	15703.57	61.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	60,386.99	15096.75	58.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	58,503.59	14625.90	56.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	57,317.21	14329.30	55.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	55,657.47	13914.37	54.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	52,978.11	13244.53	51.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	49,129.79	12282.45	47.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	45,673.36	11418.34	44.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	41,443.77	10360.94	40.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	36,388.12	9097.03	35.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	31,227.63	7806.91	30.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	26,589.08	6647.27	25.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	21,898.12	5474.53	21.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	17,846.26	4461.57	17.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	13,650.45	3412.61	13.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	9,692.08	2423.02	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	5,299.03	1324.76	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,092.08	273.02	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	116.27	29.07	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:03 PM	0.03	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	80,488.53	6439.08	78.1%	20,673.94	1653.92	20.1%	20,673.94	1653.92	20.1%
8:00 AM	80,463.64	16092.73	78.1%	20,698.50	4139.70	20.1%	20,698.50	4139.70	20.1%
8:15 AM	81,419.45	20354.86	79.0%	19,742.83	4935.71	19.2%	19,742.83	4935.71	19.2%
8:30 AM	82,914.21	20728.55	80.5%	18,145.09	4536.27	17.6%	18,145.09	4536.27	17.6%
8:45 AM	82,833.53	20708.38	80.4%	17,517.35	4379.34	17.0%	17,517.35	4379.34	17.0%
9:00 AM	82,720.58	20680.15	80.3%	14,725.45	3681.36	14.3%	14,725.45	3681.36	14.3%
9:15 AM	80,543.52	20135.88	78.2%	10,811.71	2702.93	10.5%	10,811.71	2702.93	10.5%
9:30 AM	78,838.30	19709.58	76.5%	6,979.16	1744.79	6.8%	6,979.16	1744.79	6.8%
9:45 AM	77,017.57	19254.39	74.7%	3,472.33	868.08	3.4%	3,472.33	868.08	3.4%
10:00 AM	71,397.88	17849.47	69.3%	1,327.08	331.77	1.3%	1,327.08	331.77	1.3%
10:15 AM	67,847.80	16961.95	65.8%	343.66	85.91	0.3%	343.66	85.91	0.3%
10:30 AM	65,354.35	16338.59	63.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	63,968.48	15992.12	62.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	61,326.44	15331.61	59.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	59,990.35	14997.59	58.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	58,627.84	14656.96	56.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	56,110.54	14027.63	54.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	52,053.73	13013.43	50.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	48,469.88	12117.47	47.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	44,251.73	11062.93	42.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	39,515.91	9878.98	38.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	33,991.54	8497.88	33.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	29,148.04	7287.01	28.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	24,331.94	6082.98	23.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	20,202.52	5050.63	19.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	15,935.76	3983.94	15.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	11,929.62	2982.40	11.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	7,460.20	1865.05	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	2,890.84	722.71	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	256.75	64.19	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:57 PM	0.08	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	81,220.32	1624.41	78.8%	19,941.76	398.84	19.4%	19,941.76	398.84	19.4%
8:00 AM	81,094.74	12164.21	78.7%	20,067.85	3010.18	19.5%	20,067.85	3010.18	19.5%
8:15 AM	81,899.13	20474.78	79.5%	19,263.43	4815.86	18.7%	19,263.43	4815.86	18.7%
8:30 AM	83,200.46	20800.12	80.7%	17,962.18	4490.54	17.4%	17,962.18	4490.54	17.4%
8:45 AM	83,349.33	20837.33	80.9%	17,286.99	4321.75	16.8%	17,286.99	4321.75	16.8%
9:00 AM	83,265.33	20816.33	80.8%	16,222.97	4055.74	15.7%	16,222.97	4055.74	15.7%
9:15 AM	83,080.14	20770.03	80.6%	12,604.49	3151.12	12.2%	12,604.49	3151.12	12.2%
9:30 AM	80,395.57	20098.89	78.0%	8,385.66	2096.42	8.1%	8,385.66	2096.42	8.1%
9:45 AM	78,755.84	19688.96	76.4%	4,325.25	1081.31	4.2%	4,325.25	1081.31	4.2%
10:00 AM	76,242.96	19060.74	74.0%	1,340.60	335.15	1.3%	1,340.60	335.15	1.3%
10:15 AM	71,069.72	17767.43	69.0%	295.53	73.88	0.3%	295.53	73.88	0.3%
10:30 AM	67,750.62	16937.65	65.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	66,257.01	16564.25	64.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	64,638.26	16159.57	62.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	62,531.21	15632.80	60.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	61,010.76	15252.69	59.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	58,743.77	14685.94	57.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	54,777.15	13694.29	53.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	51,000.68	12750.17	49.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	46,677.31	11669.33	45.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	42,279.78	10569.94	41.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	36,856.70	9214.17	35.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	31,749.05	7937.26	30.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	26,804.91	6701.23	26.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	22,601.42	5650.35	21.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	18,271.27	4567.82	17.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	14,232.59	3558.15	13.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	9,708.78	2427.20	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	5,090.32	1272.58	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	455.97	113.99	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	11.66	2.91	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	0.07	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	81,928.66	7373.58	79.5%	19,233.68	1731.03	18.7%	19,233.68	1731.03	18.7%
8:15 AM	82,159.53	17253.50	79.7%	19,002.69	3990.56	18.4%	19,002.69	3990.56	18.4%
8:30 AM	83,243.98	20811.00	80.8%	17,918.34	4479.59	17.4%	17,918.34	4479.59	17.4%
8:45 AM	83,904.56	20976.14	81.4%	17,242.18	4310.55	16.7%	17,242.18	4310.55	16.7%
9:00 AM	83,828.63	20957.16	81.4%	16,294.14	4073.54	15.8%	16,294.14	4073.54	15.8%
9:15 AM	83,744.73	20936.18	81.3%	14,704.56	3676.14	14.3%	14,704.56	3676.14	14.3%
9:30 AM	82,429.08	20607.27	80.0%	10,023.60	2505.90	9.7%	10,023.60	2505.90	9.7%
9:45 AM	79,972.43	19993.11	77.6%	5,636.95	1409.24	5.5%	5,636.95	1409.24	5.5%
10:00 AM	78,204.46	19551.11	75.9%	1,821.00	455.25	1.8%	1,821.00	455.25	1.8%
10:15 AM	75,380.83	18845.21	73.2%	298.18	74.54	0.3%	298.18	74.54	0.3%
10:30 AM	70,131.37	17532.84	68.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	68,252.20	17063.05	66.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	66,723.96	16680.99	64.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	65,436.27	16359.07	63.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	63,151.24	15787.81	61.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	61,339.12	15334.78	59.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	57,625.06	14406.27	55.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	53,597.50	13399.38	52.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	48,983.84	12245.96	47.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	44,678.66	11169.67	43.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	39,563.23	9890.81	38.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	34,286.24	8571.56	33.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	29,202.30	7300.58	28.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	24,918.43	6229.61	24.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	20,531.45	5132.86	19.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	16,481.43	4120.36	16.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	11,923.23	2980.81	11.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	7,285.40	1821.35	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	2,024.47	506.12	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	122.12	30.53	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.03	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.05	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	0.08	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	82,256.10	3290.24	79.8%	18,906.48	756.26	18.3%	18,906.48	756.26	18.3%
8:15 AM	82,521.82	14028.71	80.1%	18,640.33	3168.86	18.1%	18,640.33	3168.86	18.1%
8:30 AM	83,223.09	20805.77	80.8%	17,939.20	4484.80	17.4%	17,939.20	4484.80	17.4%
8:45 AM	83,901.18	20975.29	81.4%	17,261.35	4315.34	16.8%	17,261.35	4315.34	16.8%
9:00 AM	84,335.44	21083.86	81.8%	16,314.43	4078.61	15.8%	16,314.43	4078.61	15.8%
9:15 AM	84,274.20	21068.55	81.8%	15,237.62	3809.40	14.8%	15,237.62	3809.40	14.8%
9:30 AM	83,981.39	20995.35	81.5%	12,038.47	3009.62	11.7%	12,038.47	3009.62	11.7%
9:45 AM	81,225.50	20306.37	78.8%	7,143.91	1785.98	6.9%	7,143.91	1785.98	6.9%
10:00 AM	79,172.47	19793.12	76.8%	2,673.88	668.47	2.6%	2,673.88	668.47	2.6%
10:15 AM	77,365.10	19341.28	75.1%	347.61	86.90	0.3%	347.61	86.90	0.3%
10:30 AM	72,846.44	18211.61	70.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	70,030.52	17507.63	68.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	68,233.64	17058.41	66.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	67,195.74	16798.94	65.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	65,160.47	16290.12	63.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	63,132.19	15783.05	61.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	58,997.87	14749.47	57.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	55,263.68	13815.92	53.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	51,062.22	12765.56	49.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	46,834.65	11708.66	45.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	41,853.01	10463.25	40.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	36,648.18	9162.04	35.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	31,399.59	7849.90	30.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	27,035.05	6758.76	26.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	22,592.61	5648.15	21.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	18,533.57	4633.39	18.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,968.46	3492.12	13.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	9,346.76	2336.69	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	4,059.89	1014.97	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	279.93	69.98	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.07	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	0.12	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	82,407.68	9888.92	80.0%	18,754.54	2250.54	18.2%	18,754.54	2250.54	18.2%
8:30 AM	83,153.39	20788.35	80.7%	17,997.21	4499.30	17.5%	17,997.21	4499.30	17.5%
8:45 AM	83,569.73	20892.43	81.1%	17,261.13	4315.28	16.8%	17,261.13	4315.28	16.8%
9:00 AM	84,784.95	21196.24	82.3%	16,428.19	4107.05	15.9%	16,428.19	4107.05	15.9%
9:15 AM	84,510.56	21127.64	82.0%	15,300.97	3825.24	14.8%	15,300.97	3825.24	14.8%
9:30 AM	84,367.87	21091.97	81.9%	13,745.79	3436.45	13.3%	13,745.79	3436.45	13.3%
9:45 AM	82,329.08	20582.27	79.9%	8,728.85	2182.21	8.5%	8,728.85	2182.21	8.5%
10:00 AM	79,981.55	19995.39	77.6%	3,822.81	955.70	3.7%	3,822.81	955.70	3.7%
10:15 AM	78,250.56	19562.64	75.9%	450.47	112.62	0.4%	450.47	112.62	0.4%
10:30 AM	75,426.90	18856.72	73.2%	4.13	1.03	0.0%	4.13	1.03	0.0%
10:45 AM	71,596.62	17899.16	69.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	69,407.74	17351.93	67.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	68,273.63	17068.41	66.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	66,914.62	16728.66	64.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	64,946.06	16236.52	63.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	60,898.90	15224.72	59.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	57,084.59	14271.15	55.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	52,808.36	13202.09	51.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	48,648.63	12162.16	47.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	43,786.80	10946.70	42.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	38,732.64	9683.16	37.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	33,302.98	8325.75	32.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	28,836.75	7209.19	28.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	24,343.38	6085.84	23.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	20,282.51	5070.63	19.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	15,737.17	3934.29	15.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	11,160.72	2790.18	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	5,922.45	1480.61	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	756.47	189.12	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:52 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	82,466.58	6597.33	80.0%	18,695.56	1495.64	18.1%	18,695.56	1495.64	18.1%
8:30 AM	83,001.90	17430.40	80.6%	18,160.47	3813.70	17.6%	18,160.47	3813.70	17.6%
8:45 AM	83,694.98	20923.75	81.2%	17,467.22	4366.81	17.0%	17,467.22	4366.81	17.0%
9:00 AM	84,540.02	21135.01	82.0%	16,622.15	4155.54	16.1%	16,622.15	4155.54	16.1%
9:15 AM	84,852.90	21213.23	82.4%	15,562.56	3890.64	15.1%	15,562.56	3890.64	15.1%
9:30 AM	84,567.09	21141.77	82.1%	14,415.32	3603.83	14.0%	14,415.32	3603.83	14.0%
9:45 AM	83,605.78	20901.45	81.1%	10,102.87	2525.72	9.8%	10,102.87	2525.72	9.8%
10:00 AM	80,619.14	20154.78	78.2%	5,033.37	1258.34	4.9%	5,033.37	1258.34	4.9%
10:15 AM	78,782.71	19695.68	76.5%	1,057.05	264.26	1.0%	1,057.05	264.26	1.0%
10:30 AM	76,579.17	19144.79	74.3%	39.58	9.89	0.0%	39.58	9.89	0.0%
10:45 AM	72,728.05	18182.01	70.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	70,136.67	17534.17	68.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	68,848.13	17212.03	66.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	67,557.78	16889.44	65.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	65,848.86	16462.21	63.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	62,130.66	15532.66	60.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	58,327.32	14581.83	56.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	54,075.87	13518.97	52.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	49,975.70	12493.92	48.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	45,212.53	11303.13	43.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	40,316.07	10079.02	39.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	34,760.38	8690.10	33.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	30,182.91	7545.73	29.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	25,628.68	6407.17	24.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	21,564.60	5391.15	20.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	17,062.59	4265.65	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	12,556.64	3139.16	12.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	7,390.45	1847.61	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	2,079.24	519.81	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	56.65	14.16	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.02	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	0.12	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

APPENDIX 12: SHADOW CALCULATIONS FOR PROPOSED DOG RUN P5 (MISSION BAY PARKS)

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	12,097.92	1330.77	83.7%	2,340.74	257.48	16.2%	2,340.74	257.48	16.2%
7:00 AM	11,078.85	2548.14	76.6%	2,724.57	626.65	18.8%	2,724.57	626.65	18.8%
7:15 AM	10,108.35	2527.09	69.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	9,302.31	2325.58	64.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	8,538.63	2134.66	59.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	7,763.90	1940.97	53.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	7,006.76	1751.69	48.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	6,309.69	1577.42	43.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	5,643.26	1410.82	39.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	5,052.40	1263.10	34.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	4,381.28	1095.32	30.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	3,487.66	871.91	24.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	2,346.09	586.52	16.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,305.95	326.49	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	345.48	86.37	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	8.99	2.25	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,088.78	272.19	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,469.37	617.34	17.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,561.83	890.46	24.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,870.44	1217.61	33.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	6,000.55	1500.14	41.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	7,031.58	1757.90	48.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	7,805.05	1951.26	54.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	8,635.65	2158.91	59.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	9,236.95	2309.24	63.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	9,841.06	2460.27	68.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	9,777.60	2444.40	67.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	9,484.19	2371.05	65.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	9,164.59	2291.15	63.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	8,879.42	2219.86	61.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	8,573.09	2143.27	59.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	8,284.85	2071.21	57.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	7,975.76	1993.94	55.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	7,676.35	1919.09	53.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	7,363.92	1840.98	50.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	7,050.88	1762.72	48.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	6,746.85	1686.71	46.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	6,566.41	1641.60	45.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	6,235.51	1558.88	43.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	5,463.15	1638.95	37.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	4,392.49	790.65	30.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	11,985.08	1198.51	82.9%	2,453.51	245.35	17.0%	2,453.51	245.35	17.0%
7:00 AM	11,168.23	2457.01	77.2%	3,270.42	719.49	22.6%	3,270.42	719.49	22.6%
7:15 AM	10,178.24	2544.56	70.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	9,357.01	2339.25	64.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	8,585.76	2146.44	59.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	7,808.92	1952.23	54.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	7,042.97	1760.74	48.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	6,339.65	1584.91	43.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	5,656.95	1414.24	39.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	5,066.63	1266.66	35.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	4,396.91	1099.23	30.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	3,546.81	886.70	24.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	2,419.83	604.96	16.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,378.50	344.63	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	418.15	104.54	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,022.47	255.62	7.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,415.29	603.82	16.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,517.31	879.33	24.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,814.73	1203.68	33.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	5,989.13	1497.28	41.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	7,032.53	1758.13	48.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	7,816.03	1954.01	54.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	8,660.15	2165.04	59.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	9,271.94	2317.98	64.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	9,891.03	2472.76	68.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	9,845.70	2461.43	68.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	9,552.24	2388.06	66.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	9,232.71	2308.18	63.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	8,948.63	2237.16	61.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	8,644.97	2161.24	59.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	8,359.49	2089.87	57.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	8,053.65	2013.41	55.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	7,758.84	1939.71	53.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	7,451.63	1862.91	51.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	7,144.94	1786.23	49.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	6,840.44	1710.11	47.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	6,648.15	1662.04	46.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	6,352.56	1588.14	43.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	5,587.66	1676.30	38.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	4,470.44	804.68	30.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	11,680.86	700.85	80.8%	2,757.76	165.47	19.1%	2,757.76	165.47	19.1%
7:00 AM	11,249.67	2137.44	77.8%	3,189.01	605.91	22.1%	3,189.01	605.91	22.1%
7:15 AM	10,213.09	2553.27	70.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	9,357.90	2339.48	64.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	8,565.23	2141.31	59.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	7,777.78	1944.45	53.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	6,996.11	1749.03	48.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	6,279.15	1569.79	43.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	5,571.78	1392.94	38.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	4,971.72	1242.93	34.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	4,290.20	1072.55	29.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	3,474.81	868.70	24.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	2,391.76	597.94	16.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,378.36	344.59	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	443.81	110.95	3.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	13.85	3.46	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,099.81	274.95	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,518.76	629.69	17.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,641.17	910.29	25.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,933.32	1233.33	34.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	6,157.47	1539.37	42.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	7,237.85	1809.46	50.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	8,035.54	2008.89	55.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	8,898.16	2224.54	61.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	9,522.97	2380.74	65.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	10,159.35	2539.84	70.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	9,985.35	2496.34	69.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	9,694.00	2423.50	67.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	9,377.26	2344.31	64.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	9,098.15	2274.54	62.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	8,800.23	2200.06	60.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	8,522.75	2130.69	58.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	8,226.31	2056.58	56.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	7,945.11	1986.28	54.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	7,652.30	1913.07	52.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	7,364.27	1841.07	50.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	7,078.74	1769.69	49.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	6,877.69	1719.42	47.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	6,568.99	1642.25	45.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	5,820.01	1746.00	40.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:36 PM	4,716.50	848.97	32.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	11,450.06	343.50	79.2%	2,988.55	89.66	20.7%	2,988.55	89.66	20.7%
7:00 AM	11,344.94	1701.74	78.5%	3,093.69	464.05	21.4%	3,093.69	464.05	21.4%
7:15 AM	10,245.34	2561.34	70.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	9,312.26	2328.06	64.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	8,479.57	2119.89	58.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	7,670.28	1917.57	53.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	6,867.63	1716.91	47.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	6,127.53	1531.88	42.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	5,399.97	1349.99	37.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	4,766.95	1191.74	33.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	4,060.64	1015.16	28.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	3,261.51	815.38	22.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	2,254.33	563.58	15.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,301.11	325.28	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	419.31	104.83	2.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	196.51	49.13	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,318.63	329.66	9.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,750.78	687.70	19.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,931.61	982.90	27.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	5,250.65	1312.66	36.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	6,467.24	1616.81	44.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	7,651.91	1912.98	52.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	8,465.53	2116.38	58.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	9,352.44	2338.11	64.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	9,993.13	2498.28	69.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	10,532.19	2633.05	72.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	10,188.69	2547.17	70.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	9,900.42	2475.11	68.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	9,589.93	2397.48	66.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	9,318.97	2329.74	64.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	9,030.08	2257.52	62.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	8,765.15	2191.29	60.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	8,485.06	2121.27	58.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	8,224.35	2056.09	56.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	7,954.17	1988.54	55.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	7,695.83	1923.96	53.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	7,449.72	1862.43	51.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	7,257.92	1814.48	50.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	6,849.67	1712.42	47.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	6,130.52	1716.55	42.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:33 PM	5,132.90	769.94	35.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	11,218.97	1458.47	77.6%	3,219.71	418.56	22.3%	3,219.71	418.56	22.3%
7:16 AM	10,166.95	2440.07	70.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	9,215.32	2211.68	63.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	8,322.36	2080.59	57.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	7,473.51	1868.38	51.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	6,643.16	1660.79	45.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	5,873.72	1468.43	40.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	5,117.13	1279.28	35.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	4,442.51	1110.63	30.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	3,696.80	924.20	25.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	2,889.99	722.50	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,995.24	498.81	13.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,137.49	284.37	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	340.62	85.15	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	533.93	133.48	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,690.19	422.55	11.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,145.88	786.47	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	4,413.95	1103.49	30.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	5,763.11	1440.78	39.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	6,975.05	1743.76	48.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	8,293.10	2073.28	57.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	9,124.10	2281.03	63.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	10,040.15	2510.04	69.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	10,696.65	2674.16	74.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	10,778.27	2694.57	74.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	10,439.30	2609.82	72.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	10,156.85	2539.21	70.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	9,854.97	2463.74	68.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	9,595.58	2398.90	66.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	9,319.94	2329.99	64.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	9,071.31	2267.83	62.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	8,814.93	2203.73	61.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	8,579.55	2144.89	59.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	8,340.63	2085.16	57.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	8,123.96	2030.99	56.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	7,931.77	1982.94	54.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	7,764.00	1941.00	53.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	7,178.28	1794.57	49.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	6,501.23	1625.31	45.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 PM	5,723.79	744.09	39.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	10,919.34	655.16	75.5%	1,378.13	82.69	9.5%	1,378.13	82.69	9.5%
7:15 AM	10,293.52	1955.77	71.2%	126.51	24.04	0.9%	126.51	24.04	0.9%
7:30 AM	9,081.63	2270.41	62.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	8,104.24	2026.06	56.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	7,184.13	1796.03	49.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	6,325.08	1581.27	43.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	5,519.46	1379.86	38.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	4,725.54	1181.39	32.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	3,999.45	999.86	27.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	3,198.08	799.52	22.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	2,405.24	601.31	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,629.06	407.26	11.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	905.19	226.30	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	229.33	57.33	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	996.21	249.05	6.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	2,198.59	549.65	15.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	3,681.63	920.41	25.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	5,088.09	1272.02	35.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	6,462.60	1615.65	44.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	7,674.37	1918.59	53.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	9,158.49	2289.62	63.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	10,016.35	2504.09	69.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	10,962.00	2740.50	75.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	11,368.13	2842.03	78.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	11,060.08	2765.02	76.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	10,726.60	2681.65	74.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	10,453.28	2613.32	72.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	10,163.03	2540.76	70.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	9,917.52	2479.38	68.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	9,658.25	2414.56	66.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	9,434.31	2358.58	65.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	9,203.89	2300.97	63.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	9,000.26	2250.07	62.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	8,800.63	2200.16	60.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	8,638.44	2159.61	59.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	8,514.33	2128.58	58.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	8,096.01	2024.00	56.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	7,543.19	1885.80	52.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	6,914.47	1452.04	47.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:25 PM	6,437.24	579.35	44.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	10,480.08	209.60	72.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	10,253.66	1538.05	70.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	8,904.63	2226.16	61.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	7,813.96	1953.49	54.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	6,808.90	1702.22	47.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	5,894.69	1473.67	40.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	5,046.53	1261.63	34.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	4,206.31	1051.58	29.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	3,418.13	854.53	23.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	2,596.06	649.01	18.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,866.57	466.64	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,169.32	292.33	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	613.37	153.34	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	102.41	25.60	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	289.83	72.46	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,597.56	399.39	11.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	2,857.97	714.49	19.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	4,384.84	1096.21	30.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	5,880.85	1470.21	40.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	7,388.48	1847.12	51.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	8,612.53	2153.13	59.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	10,172.64	2543.16	70.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	11,166.09	2791.52	77.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	12,043.97	3010.99	83.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	11,660.01	2915.00	80.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	11,356.96	2839.24	78.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	11,034.71	2758.68	76.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	10,772.92	2693.23	74.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	10,497.32	2624.33	72.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	10,268.77	2567.19	71.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	10,032.85	2508.21	69.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	9,836.46	2459.11	68.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	9,636.36	2409.09	66.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	9,471.30	2367.82	65.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	9,323.63	2330.91	64.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	9,226.27	2306.57	63.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	8,907.00	2226.75	61.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	8,439.15	2109.79	58.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 PM	7,918.56	1979.64	54.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 PM	7,327.44	1099.12	50.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:18 PM	7,174.44	215.23	49.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	9,877.47	888.97	68.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	8,740.40	1835.48	60.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	7,463.94	1865.98	51.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	6,348.79	1587.20	43.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	5,351.65	1337.91	37.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	4,454.19	1113.55	30.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	3,556.69	889.17	24.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	2,731.86	682.97	18.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,998.65	499.66	13.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,325.57	331.39	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	717.61	179.40	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	301.59	75.40	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	10.07	2.52	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	955.94	238.99	6.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,322.99	580.75	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	3,640.07	910.02	25.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	5,251.38	1312.84	36.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	6,810.66	1702.66	47.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	8,533.94	2133.49	59.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	9,804.41	2451.10	67.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	11,356.17	2839.04	78.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	12,577.72	3144.43	87.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	12,330.44	3082.61	85.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	11,957.42	2989.35	82.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	11,664.42	2916.11	80.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	11,355.91	2838.98	78.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	11,108.56	2777.14	76.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	10,850.48	2712.62	75.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	10,645.16	2661.29	73.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	10,436.99	2609.25	72.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	10,270.15	2567.54	71.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	10,106.31	2526.58	69.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	9,992.25	2498.06	69.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	9,903.68	2475.92	68.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	9,636.79	2409.20	66.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	9,228.41	2307.10	63.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	8,783.63	2986.43	60.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:10 PM	7,900.36	1659.08	54.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	9,142.69	365.71	63.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	8,620.69	1465.52	59.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	7,074.17	1768.54	48.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	5,810.57	1452.64	40.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	4,696.50	1174.13	32.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	3,738.88	934.72	25.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,808.51	702.13	19.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	2,107.49	526.87	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,437.38	359.35	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	827.35	206.84	5.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	338.33	84.58	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	68.85	17.21	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	600.06	150.02	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,723.08	430.77	11.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	3,149.88	787.47	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	4,575.25	1143.81	31.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	6,243.19	1560.80	43.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	7,904.58	1976.14	54.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	9,792.49	2448.12	67.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	11,222.17	2805.54	77.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	12,743.84	3185.96	88.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	12,961.47	3240.37	89.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	12,614.06	3153.51	87.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	12,256.54	3064.14	84.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	11,976.06	2994.02	82.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	11,684.44	2921.11	80.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	11,453.55	2863.39	79.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	11,220.50	2805.13	77.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	11,042.42	2760.61	76.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	10,862.84	2715.71	75.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	10,730.46	2682.61	74.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	10,616.19	2654.05	73.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	10,556.19	2639.05	73.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	10,291.44	2572.86	71.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	9,935.86	2483.97	68.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	9,548.78	2387.19	66.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	9,131.62	2465.54	63.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:02 PM	8,593.00	1203.02	59.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	8,250.37	907.54	57.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	6,626.34	1524.06	45.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	5,163.89	1290.97	35.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	3,894.86	973.72	26.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,903.22	725.80	20.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	2,157.49	539.37	14.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,538.92	384.73	10.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	936.28	234.07	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	397.06	99.26	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	77.15	19.29	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	216.63	54.16	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,387.05	346.76	9.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,608.90	652.22	18.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	4,141.28	1035.32	28.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	5,655.94	1413.99	39.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	7,420.49	1855.12	51.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	9,171.78	2292.94	63.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	11,165.59	2791.40	77.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	12,903.74	3225.94	89.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	12,954.66	3238.66	89.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	13,163.67	3290.92	91.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	12,883.83	3220.96	89.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	12,545.69	3136.42	86.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	12,280.45	3070.11	84.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	12,008.67	3002.17	83.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	11,803.57	2950.89	81.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	11,599.61	2899.90	80.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	11,449.19	2862.30	79.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	11,304.47	2826.12	78.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	11,220.38	2805.09	77.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	11,157.67	2789.42	77.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	10,887.20	2721.80	75.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	10,559.00	2639.75	73.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	10,220.26	2555.07	70.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	9,853.10	2463.27	68.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	9,459.80	1797.36	65.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:52 PM	9,240.51	554.43	63.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	7,142.83	428.57	49.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	6,123.03	1163.38	42.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	4,433.74	1108.43	30.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,978.92	744.73	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,166.63	541.66	15.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,627.47	406.87	11.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,073.67	268.42	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	543.53	135.88	3.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	87.73	21.93	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	54.22	13.56	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	971.33	242.83	6.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,256.80	564.20	15.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	3,606.19	901.55	24.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	5,237.69	1309.42	36.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	6,858.01	1714.50	47.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	8,708.75	2177.19	60.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	10,572.10	2643.03	73.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	12,555.05	3138.76	86.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,178.98	3294.74	91.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	13,129.70	3282.43	90.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	13,209.24	3302.31	91.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	13,146.22	3286.55	90.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	12,828.91	3207.23	88.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	12,581.12	3145.28	87.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	12,340.27	3085.07	85.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	12,162.38	3040.60	84.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	11,987.17	2996.79	82.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	11,870.76	2967.69	82.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	11,771.60	2942.90	81.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	11,718.95	2929.74	81.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	11,424.19	2856.05	79.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	11,131.05	2782.76	77.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	10,817.35	2704.34	74.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	10,495.04	2623.76	72.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	10,146.76	2333.75	70.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:42 PM	9,837.83	1082.16	68.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	5,783.80	751.89	40.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	3,623.68	905.92	25.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	2,112.41	528.10	14.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,598.80	399.70	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,127.40	281.85	7.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	718.18	179.55	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	289.75	72.44	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	728.07	182.02	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,805.24	451.31	12.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	3,230.79	807.70	22.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	4,709.30	1177.32	32.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	6,436.13	1609.03	44.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	8,151.78	2037.94	56.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	10,105.51	2526.38	69.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	11,861.16	2965.29	82.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	12,531.51	3132.88	86.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,147.74	3286.94	90.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	13,322.03	3330.51	92.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	13,248.17	3312.04	91.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	13,398.68	3349.67	92.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	13,105.12	3276.28	90.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	12,889.29	3222.32	89.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	12,676.29	3169.07	87.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	12,525.49	3131.37	86.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	12,384.80	3096.20	85.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	12,309.56	3077.39	85.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	12,196.61	3049.15	84.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	11,928.43	2982.11	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	11,644.72	2911.18	80.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	11,363.42	2840.85	78.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	11,063.57	2765.89	76.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	10,756.45	2904.24	74.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:31 PM	10,384.76	1453.87	71.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	4,238.65	339.09	29.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	2,979.17	625.62	20.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	1,545.75	386.44	10.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,100.36	275.09	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	701.83	175.46	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	382.88	95.72	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	121.34	30.34	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	427.23	106.81	3.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,483.02	370.76	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,729.10	682.27	18.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	4,303.58	1075.89	29.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	5,886.08	1471.52	40.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	7,699.53	1924.88	53.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	9,524.33	2381.08	65.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	11,130.65	2782.66	77.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	11,891.22	2972.81	82.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	12,528.30	3132.07	86.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,117.81	3279.45	90.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	13,526.52	3381.63	93.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	13,403.81	3350.95	92.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	13,624.04	3406.01	94.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	13,389.57	3347.39	92.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	13,197.90	3299.47	91.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,013.88	3253.47	90.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	12,895.07	3223.77	89.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	12,794.29	3198.57	88.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	12,654.24	3163.56	87.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	12,384.81	3096.20	85.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	12,125.77	3031.44	83.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	11,852.78	2963.20	82.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	11,582.78	2895.70	80.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	11,296.04	2824.01	78.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	11,005.30	1980.95	76.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:21 PM	10,883.36	544.17	75.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	3,032.06	60.64	21.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	2,632.22	394.83	18.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	1,115.94	278.99	7.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	683.99	171.00	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	365.86	91.47	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	137.66	34.41	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	9.92	2.48	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	238.16	59.54	1.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,062.78	265.70	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,326.53	581.63	16.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3,751.59	937.90	25.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	5,418.69	1354.67	37.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	7,097.35	1774.34	49.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	9,005.89	2251.47	62.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	10,410.20	2602.55	72.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	11,221.04	2805.26	77.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	11,934.39	2983.60	82.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	12,543.26	3135.81	86.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,107.65	3276.91	90.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	13,584.13	3396.03	94.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	13,619.00	3404.75	94.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	13,717.82	3429.45	94.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	13,671.83	3417.96	94.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	13,507.44	3376.86	93.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,356.28	3339.07	92.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	13,274.33	3318.58	91.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	13,071.75	3267.94	90.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	12,821.82	3205.45	88.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	12,561.34	3140.34	86.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	12,311.19	3077.80	85.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	12,048.41	3012.10	83.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	11,789.22	2947.30	81.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	11,515.06	2418.16	79.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:09 PM	11,336.98	906.96	78.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	2,009.90	200.99	13.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	799.08	175.80	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	359.03	89.76	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	131.74	32.94	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	12.27	3.07	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	46.99	11.75	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	703.78	175.95	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,781.40	445.35	12.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	3,257.69	814.42	22.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	4,785.51	1196.38	33.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	6,582.69	1645.67	45.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	8,408.22	2102.05	58.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	9,686.29	2421.57	67.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	10,558.84	2639.71	73.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	11,317.82	2829.45	78.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	11,991.88	2997.97	82.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	12,575.15	3143.79	87.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,116.19	3279.05	90.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	13,588.91	3397.23	94.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	13,824.54	3456.14	95.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	13,840.56	3460.14	95.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	13,951.03	3487.76	96.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	13,820.10	3455.03	95.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,705.35	3426.34	94.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	13,479.76	3369.94	93.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	13,220.64	3305.16	91.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	12,978.11	3244.53	89.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	12,726.26	3181.56	88.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	12,484.60	3121.15	86.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	12,231.85	3057.96	84.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	11,980.97	2755.62	82.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:58 PM	11,749.20	1292.41	81.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	1,151.25	46.05	8.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	620.48	105.48	4.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	136.17	34.04	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	13.48	3.37	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	283.26	70.82	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,249.35	312.34	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	2,581.50	645.38	17.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	4,147.15	1036.79	28.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	5,763.43	1440.86	39.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	7,500.13	1875.03	51.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	8,761.69	2190.42	60.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	9,814.75	2453.69	67.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	10,694.67	2673.67	74.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	11,412.66	2853.16	78.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	12,053.54	3013.39	83.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	12,615.21	3153.80	87.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,140.91	3285.23	90.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	13,608.02	3402.01	94.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	13,989.07	3497.27	96.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,062.91	3515.73	97.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	14,216.03	3554.01	98.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	14,125.75	3531.44	97.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,858.69	3464.67	95.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	13,613.63	3403.41	94.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	13,362.28	3340.57	92.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	13,126.78	3281.69	90.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	12,883.15	3220.79	89.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	12,649.53	3162.38	87.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	12,406.10	3349.65	85.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:47 PM	12,123.65	1697.31	83.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	677.05	81.25	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	157.66	37.84	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	47.62	11.90	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	651.22	162.81	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,890.65	472.66	13.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	3,299.32	824.83	22.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	4,939.04	1234.76	34.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	6,644.64	1661.16	46.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	8,032.81	2008.20	55.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	9,115.78	2278.94	63.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	10,034.96	2508.74	69.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	10,821.28	2705.32	74.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	11,505.17	2876.29	79.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	12,119.36	3029.84	83.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	12,667.60	3166.90	87.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,177.63	3294.41	91.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	13,639.10	3409.77	94.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	14,059.42	3514.86	97.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,282.42	3570.61	98.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	14,437.65	3609.41	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	14,237.26	3559.31	98.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,979.33	3494.83	96.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	13,740.65	3435.16	95.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	13,496.64	3374.16	93.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	13,267.76	3316.94	91.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	13,031.97	3257.99	90.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	12,805.74	3201.43	88.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	12,571.02	2388.49	86.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:37 PM	12,462.86	747.77	86.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	2,024.22	121.45	14.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	2,016.48	362.97	13.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	6.63	1.66	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	257.56	64.39	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,221.25	305.31	8.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	2,480.06	620.01	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	3,896.96	974.24	27.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	5,595.11	1398.78	38.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	7,086.63	1771.66	49.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	8,320.17	2080.04	57.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	9,327.53	2331.88	64.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	10,193.03	2548.26	70.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	10,939.06	2734.76	75.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	11,597.59	2899.40	80.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	12,192.39	3048.10	84.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	12,726.70	3181.68	88.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,224.65	3306.16	91.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	13,682.81	3420.70	94.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	14,107.65	3526.91	97.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,422.28	3605.57	99.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	14,438.66	3609.66	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	14,337.44	3584.36	99.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	14,093.89	3523.47	97.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	13,860.90	3465.23	95.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	13,623.65	3405.91	94.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	13,400.83	3350.21	92.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	13,172.11	3293.03	91.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	12,974.22	2854.33	89.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:27 PM	12,768.97	1276.90	88.3%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	5,253.13	682.91	36.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	2,290.46	572.61	15.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	11.29	2.82	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	742.61	185.65	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,737.72	434.43	12.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	2,997.15	749.29	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	4,402.60	1100.65	30.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,038.28	1509.57	41.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,406.03	1851.51	51.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,555.26	2138.81	59.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,503.96	2375.99	65.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,327.74	2581.94	71.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11,045.32	2761.33	76.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,685.35	2921.34	80.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12,262.50	3065.63	84.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,787.31	3196.83	88.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	13,278.08	3319.52	91.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	13,734.32	3433.58	95.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	14,126.35	3531.59	97.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	14,365.69	3591.42	99.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	14,438.67	3609.67	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	14,418.39	3604.60	99.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	14,203.39	3550.85	98.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	13,976.38	3494.09	96.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	13,745.15	3436.29	95.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	13,527.87	3381.97	93.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,305.55	3326.39	92.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	13,089.07	1963.36	90.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:18 PM	13,044.06	391.32	90.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	9,257.31	648.01	64.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	6,534.81	1241.61	45.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	344.00	86.00	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	350.15	87.54	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,183.11	295.78	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	2,187.03	546.76	15.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	3,436.42	859.10	23.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	4,820.70	1205.18	33.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,378.49	1594.62	44.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,657.32	1914.33	53.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,743.36	2185.84	60.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,647.15	2411.79	66.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,443.66	2610.91	72.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11,138.87	2784.72	77.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,763.41	2940.85	81.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12,327.83	3081.96	85.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,848.76	3212.19	88.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	13,334.63	3333.66	92.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	13,743.08	3435.77	95.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	14,042.75	3510.69	97.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	14,293.05	3573.26	98.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	14,438.67	3609.67	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	14,438.68	3609.67	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	14,304.35	3576.09	98.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,086.79	3521.70	97.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	13,860.70	3465.18	95.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	13,648.58	3412.14	94.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,431.67	2820.65	92.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:10 PM	13,288.98	1196.01	91.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	12,380.50	123.81	85.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	11,759.65	1528.75	81.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	3,153.69	788.42	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	22.16	5.54	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	136.10	34.02	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	710.67	177.67	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,558.13	389.53	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	2,556.08	639.02	17.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	3,782.72	945.68	26.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,134.09	1283.52	35.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,624.99	1656.25	45.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,840.28	1960.07	54.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,881.01	2220.25	61.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,756.95	2439.24	67.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,533.06	2633.26	72.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11,210.91	2802.73	77.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,825.60	2956.40	81.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12,383.99	3096.00	85.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,902.34	3225.59	89.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	13,351.88	3337.97	92.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	13,659.76	3414.94	94.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	13,956.78	3489.20	96.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	14,212.64	3553.16	98.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	14,415.86	3603.97	99.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	14,438.63	3609.66	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	14,392.12	3598.03	99.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,192.53	3548.13	98.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	13,971.31	3492.83	96.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	13,763.30	3440.82	95.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	13,549.72	2032.46	93.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:03 PM	13,504.38	405.13	93.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	13,709.74	1096.78	94.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	7,431.63	1486.33	51.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	834.84	208.71	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	17.58	4.40	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	399.74	99.93	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,017.42	254.36	7.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,860.89	465.22	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	2,839.49	709.87	19.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	4,036.56	1009.14	27.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,352.06	1338.02	37.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,789.35	1697.34	47.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,961.01	1990.25	55.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,975.84	2243.96	62.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,831.38	2457.84	68.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,593.35	2648.34	73.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11,260.19	2815.05	77.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,871.70	2967.93	82.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12,425.52	3106.38	85.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,930.06	3232.52	89.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	13,270.66	3317.66	91.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	13,575.58	3393.89	93.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	13,869.99	3467.50	95.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	14,129.02	3532.26	97.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	14,356.16	3589.04	99.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	14,438.64	3609.66	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	14,438.63	3609.66	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,289.01	3572.25	98.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	14,075.38	3518.85	97.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	13,869.01	3189.87	95.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:57 PM	13,689.79	1505.88	94.7%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	14,125.03	282.50	97.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	12,601.63	1890.24	87.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	3,565.22	891.30	24.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	575.22	143.81	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	240.38	60.10	1.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	5.71	1.43	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	63.26	15.81	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	602.23	150.56	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,254.23	313.56	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	2,078.48	519.62	14.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	3,027.94	756.98	20.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	4,188.58	1047.14	29.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,466.14	1366.53	37.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,866.11	1716.53	47.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	8,015.02	2003.76	55.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	9,017.26	2254.31	62.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,860.91	2465.23	68.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,616.49	2654.12	73.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11,279.91	2819.98	78.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,890.33	2972.58	82.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12,442.92	3110.73	86.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,846.94	3211.74	88.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	13,185.66	3296.41	91.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	13,489.22	3372.31	93.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	13,781.92	3445.48	95.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	14,043.56	3510.89	97.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	14,282.90	3570.73	98.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	14,435.62	3608.90	99.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	14,438.69	3609.67	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,373.61	3593.40	99.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	14,173.03	3543.26	98.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	13,970.33	2794.07	96.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	13,844.63	1107.57	95.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	13,967.58	1257.08	96.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	6,964.03	1462.45	48.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1,784.88	446.22	12.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	148.65	37.16	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	781.28	195.32	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	785.76	196.44	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	171.10	42.77	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	728.13	182.03	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,405.06	351.27	9.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	2,212.17	553.04	15.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	3,124.82	781.20	21.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	4,246.90	1061.73	29.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,483.13	1370.78	37.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,859.83	1714.96	47.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	8,005.33	2001.33	55.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,941.31	2235.33	61.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,736.02	2434.01	67.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,555.15	2638.79	73.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11,265.69	2816.42	77.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,878.58	2969.64	82.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12,400.72	3100.18	85.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,760.37	3190.09	88.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	13,099.11	3274.78	90.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	13,402.94	3350.73	92.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	13,695.40	3423.85	94.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	13,959.07	3489.77	96.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	14,206.10	3551.53	98.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	14,395.97	3598.99	99.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	14,438.61	3609.65	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,431.98	3607.99	99.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	14,260.51	3565.13	98.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	14,060.04	2530.81	97.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	13,967.69	698.38	96.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	13,857.69	554.31	95.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	10,663.61	1812.81	73.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	3,807.97	951.99	26.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	896.90	224.23	6.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,295.57	323.89	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	1,923.28	480.82	13.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	778.28	194.57	5.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	801.16	200.29	5.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,460.39	365.10	10.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	2,259.06	564.77	15.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	3,129.68	782.42	21.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	4,213.02	1053.26	29.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,408.74	1352.19	37.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,771.06	1692.76	46.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,926.04	1981.51	54.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,954.49	2238.62	61.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,814.75	2453.69	67.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,560.25	2640.06	73.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11,213.42	2803.36	77.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,832.26	2958.07	81.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12,309.14	3077.28	85.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,671.62	3167.90	87.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	13,012.33	3253.08	90.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	13,318.17	3329.54	92.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	13,611.94	3402.99	94.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	13,877.60	3469.40	96.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	14,130.35	3532.59	97.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	14,338.78	3584.70	99.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	14,438.65	3609.66	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,438.63	3609.66	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	14,334.91	3583.73	99.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	14,141.35	2404.03	97.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	14,058.00	702.90	97.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	13,855.80	1662.70	95.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	5,925.13	1481.28	41.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	1,976.17	494.04	13.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,468.74	367.19	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	2,787.63	696.91	19.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	1,722.92	430.73	11.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,085.04	271.26	7.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,418.61	354.65	9.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	2,214.07	553.52	15.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	3,046.16	761.54	21.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	4,089.45	1022.36	28.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,243.15	1310.79	36.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,590.89	1647.72	45.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,771.34	1942.84	53.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,800.01	2200.00	60.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,662.36	2415.59	66.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,440.20	2610.05	72.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	11,118.87	2779.72	76.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,746.86	2936.72	81.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12,213.72	3053.43	84.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,581.43	3145.36	87.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	12,926.14	3231.53	89.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	13,235.75	3308.94	91.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	13,532.22	3383.05	93.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	13,800.56	3450.14	95.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	14,058.47	3514.62	97.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	14,278.60	3569.65	98.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	14,434.08	3608.52	99.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,438.61	3609.65	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	14,393.20	3598.30	99.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	14,213.41	2558.41	98.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:52 PM	14,114.24	846.85	97.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	13,869.78	1109.58	95.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	7,852.11	1648.94	54.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	3,007.92	751.98	20.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	1,256.53	314.13	8.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	3,076.52	769.13	21.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	2,379.60	594.90	16.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	1,388.22	347.06	9.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	1,348.78	337.20	9.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	2,086.95	521.74	14.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	2,885.49	721.37	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	3,890.35	972.59	26.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	5,006.44	1251.61	34.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	6,329.60	1582.40	43.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	7,550.98	1887.74	52.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	8,612.03	2153.01	59.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	9,498.06	2374.52	65.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	10,295.07	2573.77	71.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	10,987.96	2746.99	76.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	11,628.28	2907.07	80.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	12,120.49	3030.12	83.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12,495.37	3123.84	86.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	12,845.82	3211.45	88.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	13,160.46	3290.11	91.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	13,460.93	3365.23	93.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	13,732.83	3433.21	95.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	13,995.51	3498.88	96.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	14,223.60	3555.90	98.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	14,408.31	3602.08	99.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	14,438.64	3609.66	99.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	14,429.00	3607.25	99.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	14,265.87	2995.83	98.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	14,135.60	1130.85	97.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

APPENDIX 13: SHADOW CALCULATIONS FOR PROPOSED MISSION BAY PARK P19 (MISSION BAY PARKS)

Solar Year Shadow Calculations

Including Existing Shading Calculations, Shadow from Commercial Land Use Assumption, and Shadow from Residential Land Use Assumption

JUNE 21

Analysis Hours: 6:46 AM-7:36 PM (PDT)

SUMMER SOLSTICE

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:46 AM	2,076.44	228.41	23.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	1,423.86	327.49	16.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	0.00	0.00	0.0%	163.56	40.89	1.9%	163.56	40.89	1.9%
6:30 PM	0.00	0.00	0.0%	602.76	150.69	6.9%	602.76	150.69	6.9%
6:45 PM	0.00	0.00	0.0%	1,070.71	267.68	12.3%	1,070.71	267.68	12.3%
7:00 PM	0.00	0.00	0.0%	1,696.74	424.19	19.5%	1,696.74	424.19	19.5%
7:15 PM	684.15	205.24	7.9%	2,511.17	753.35	28.9%	2,511.17	753.35	28.9%
7:36 PM	689.90	124.18	7.9%	4,184.71	753.25	48.1%	4,184.71	753.25	48.1%

JUNE 28

Analysis Hours: 6:48 AM-7:36 PM (PDT)

JUNE 14 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:48 AM	2,056.50	205.65	23.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	1,603.18	352.70	18.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	0.00	0.00	0.0%	123.90	30.98	1.4%	123.90	30.98	1.4%
6:30 PM	0.00	0.00	0.0%	537.68	134.42	6.2%	537.68	134.42	6.2%
6:45 PM	0.00	0.00	0.0%	981.17	245.29	11.3%	981.17	245.29	11.3%
7:00 PM	0.00	0.00	0.0%	1,580.01	395.00	18.2%	1,580.01	395.00	18.2%
7:15 PM	608.00	182.40	7.0%	2,370.10	711.03	27.3%	2,370.10	711.03	27.3%
7:36 PM	791.13	142.40	9.1%	4,062.74	731.29	46.7%	4,062.74	731.29	46.7%

JULY 5

Analysis Hours: 6:52 AM-7:36 PM (PDT)

JUNE 7 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:52 AM	1,995.23	119.71	22.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	1,740.60	330.71	20.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	0.00	0.00	0.0%	81.59	20.40	0.9%	81.59	20.40	0.9%
6:30 PM	0.00	0.00	0.0%	429.58	107.39	4.9%	429.58	107.39	4.9%
6:45 PM	0.00	0.00	0.0%	830.78	207.69	9.6%	830.78	207.69	9.6%
7:00 PM	0.00	0.00	0.0%	1,384.22	346.05	15.9%	1,384.22	346.05	15.9%
7:15 PM	865.81	259.74	10.0%	2,121.92	636.58	24.4%	2,121.92	636.58	24.4%
7:36 PM	1,148.72	206.77	13.2%	3,699.58	665.93	42.5%	3,699.58	665.93	42.5%

JULY 12

Analysis Hours: 6:56 AM-7:33 PM (PDT)

MAY 31 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
6:56 AM	1,896.28	56.89	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:00 AM	1,811.88	271.78	20.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	283.78	70.94	3.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	0.00	0.00	0.0%	40.40	10.10	0.5%	40.40	10.10	0.5%
6:30 PM	0.00	0.00	0.0%	297.94	74.49	3.4%	297.94	74.49	3.4%
6:45 PM	0.00	0.00	0.0%	640.97	160.24	7.4%	640.97	160.24	7.4%
7:00 PM	0.00	0.00	0.0%	1,132.05	283.01	13.0%	1,132.05	283.01	13.0%
7:15 PM	1,623.90	454.69	18.7%	1,806.10	505.71	20.8%	1,806.10	505.71	20.8%
7:33 PM	1,734.65	260.20	19.9%	3,211.40	481.71	36.9%	3,211.40	481.71	36.9%

JULY 19

Analysis Hours: 7:01 AM-7:30 PM (PDT)

MAY 24 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:01 AM	1,772.48	230.42	20.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:16 AM	799.17	191.80	9.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	0.00	0.00	0.0%	10.88	2.72	0.1%	10.88	2.72	0.1%
6:30 PM	0.00	0.00	0.0%	168.84	42.21	1.9%	168.84	42.21	1.9%
6:45 PM	0.00	0.00	0.0%	441.52	110.38	5.1%	441.52	110.38	5.1%
7:00 PM	0.00	0.00	0.0%	858.25	214.56	9.9%	858.25	214.56	9.9%
7:15 PM	2,866.08	716.52	33.0%	1,447.24	361.81	16.6%	1,447.24	361.81	16.6%
7:30 PM	2,521.00	327.73	29.0%	2,682.55	348.73	30.8%	2,682.55	348.73	30.8%

JULY 26

Analysis Hours: 7:07 AM-7:25 PM (PDT)

MAY 17 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:07 AM	1,640.92	98.45	18.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	1,463.49	278.06	16.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	0.00	0.00	0.0%	64.00	16.00	0.7%	64.00	16.00	0.7%
6:45 PM	0.00	0.00	0.0%	255.58	63.90	2.9%	255.58	63.90	2.9%
7:00 PM	763.44	190.86	8.8%	586.55	146.64	6.7%	586.55	146.64	6.7%
7:15 PM	3,907.47	820.57	44.9%	1,076.09	225.98	12.4%	1,076.09	225.98	12.4%
7:25 PM	3,440.19	309.62	39.6%	2,020.70	181.86	23.2%	2,020.70	181.86	23.2%

AUGUST 2

Analysis Hours: 7:12 AM-7:18 PM (PDT)

MAY 10 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:12 AM	1,492.58	29.85	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:15 AM	1,470.79	220.62	16.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	56.49	14.12	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	0.00	0.00	0.0%	6.55	1.64	0.1%	6.55	1.64	0.1%
6:45 PM	0.00	0.00	0.0%	110.55	27.64	1.3%	110.55	27.64	1.3%
7:00 PM	3,566.12	891.53	41.0%	349.83	87.46	4.0%	349.83	87.46	4.0%
7:15 PM	4,408.88	661.33	50.7%	979.38	146.91	11.3%	979.38	146.91	11.3%
7:18 PM	4,406.95	132.21	50.7%	1,375.90	41.28	15.8%	1,375.90	41.28	15.8%

AUGUST 9

Analysis Hours: 7:19 AM-7:10 PM (PDT)

MAY 3 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:19 AM	1,332.81	119.95	15.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	777.75	163.33	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	431.39	146.67	5.0%	22.19	7.55	0.3%	22.19	7.55	0.3%
7:10 PM	5,482.38	1151.30	63.0%	766.26	160.91	8.8%	766.26	160.91	8.8%

AUGUST 16

Analysis Hours: 7:25 AM-7:02 PM (PDT)

APRIL 26 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:25 AM	1,166.63	46.67	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:30 AM	1,112.75	189.17	12.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	6,225.12	1680.78	71.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:02 PM	6,802.88	952.40	78.2%	297.69	41.68	3.4%	297.69	41.68	3.4%

AUGUST 23

Analysis Hours: 7:31 AM-6:52 PM (PDT)

APRIL 19 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:31 AM	997.66	109.74	11.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	4.60	1.06	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	2,822.31	705.58	32.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:45 PM	6,921.38	1315.06	79.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:52 PM	7,621.40	457.28	87.6%	27.15	1.63	0.3%	27.15	1.63	0.3%

AUGUST 30

Analysis Hours: 7:37 AM-6:42 PM (PDT)

APRIL 12 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:37 AM	829.10	49.75	9.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	518.99	98.61	6.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	19.27	4.82	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:30 PM	7,624.33	1753.60	87.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:42 PM	8,188.60	900.75	94.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 6

Analysis Hours: 7:44 AM-6:31 PM (PDT)

APRIL 5 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:44 AM	664.09	86.33	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	7,504.67	2026.26	86.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:31 PM	8,537.10	1195.19	98.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 13

Analysis Hours: 7:50 AM-6:21 PM (PDT)

MARCH 29 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:50 AM	505.44	40.44	5.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	4,527.81	1131.95	52.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:15 PM	8,600.82	1548.15	98.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:21 PM	8,656.81	432.84	99.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 20

Analysis Hours: 7:57 AM-6:09 PM (PDT)

APPROXIMATE EQUINOXES
MARCH 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	355.88	7.12	4.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	220.13	33.02	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	1,876.27	469.07	21.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:00 PM	6,851.01	1438.71	78.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
6:09 PM	7,509.98	600.80	86.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

SEPTEMBER 27

Analysis Hours: 8:03 AM-5:58 PM (PDT)

MARCH 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:03 AM	205.91	20.59	2.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:45 PM	5,228.97	1202.66	60.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:58 PM	6,104.58	671.50	70.2%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 4

Analysis Hours: 8:09 AM-5:47 PM (PDT)

MARCH 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:09 AM	68.20	2.73	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	104.81	26.20	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	367.88	91.97	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	3,762.37	1015.84	43.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:47 PM	5,529.76	774.17	63.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 11

Analysis Hours: 8:16 AM-5:37 PM (PDT)

MARCH 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:16 AM	0.72	0.09	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	240.85	60.21	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	1,047.64	261.91	12.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	3,009.07	752.27	34.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:30 PM	5,268.55	1001.02	60.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:37 PM	5,811.47	348.69	66.8%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 18

Analysis Hours: 8:22 AM-5:27 PM (PDT)

FEBRUARY 22 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:22 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	19.37	4.84	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	29.49	7.37	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	41.82	10.45	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	33.47	8.37	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	17.80	4.45	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	8.51	2.13	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:30 PM	112.26	28.06	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:45 PM	1,259.24	314.81	14.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:00 PM	2,314.75	578.69	26.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:15 PM	4,904.17	1078.92	56.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
5:27 PM	6,053.05	605.30	69.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

OCTOBER 25

Analysis Hours: 7:30 AM-4:18 PM (PST)

FEBRUARY 15 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	6.85	1.71	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	65.26	16.31	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	118.99	29.75	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	174.26	43.56	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	186.81	46.70	2.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	195.56	48.89	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	171.34	42.84	2.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	161.99	40.50	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	130.28	32.57	1.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	120.36	30.09	1.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	73.85	18.46	0.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	60.82	15.20	0.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	25.94	6.48	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	22.86	5.72	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	3.88	0.97	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	9.60	2.40	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	4.19	1.05	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	12.65	3.16	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	9.63	2.41	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	25.68	6.42	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	42.96	10.74	0.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	87.39	21.85	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	166.56	41.64	1.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	350.27	87.57	4.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	426.80	106.70	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	513.06	128.27	5.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	1,246.96	311.74	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	2,871.97	717.99	33.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	4,793.10	1198.27	55.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:15 PM	6,089.16	913.37	70.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:18 PM	6,394.44	191.83	73.5%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 1

Analysis Hours: 7:36 AM-4:10 PM (PST)

FEBRUARY 8 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:36 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	0.06	0.01	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	26.62	6.65	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	112.94	28.24	1.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	215.85	53.96	2.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	316.52	79.13	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	367.99	92.00	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	410.38	102.60	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	413.28	103.32	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	430.70	107.68	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	413.85	103.46	4.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	425.57	106.39	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	389.51	97.38	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	403.25	100.81	4.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	378.34	94.59	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	392.85	98.21	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	363.45	90.86	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	365.07	91.27	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	323.99	81.00	3.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	336.52	84.13	3.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	314.14	78.53	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	395.33	98.83	4.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	436.26	109.07	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	567.28	141.82	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	720.27	180.07	8.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	913.24	228.31	10.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	965.66	241.41	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	1,121.50	280.38	12.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	2,606.15	651.54	30.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	4,021.60	1005.40	46.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	5,756.36	1208.84	66.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:10 PM	6,782.73	610.45	78.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 8

Analysis Hours: 7:43 AM-4:03 PM (PST)

FEBRUARY 1 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:43 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
7:45 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	5.38	1.35	0.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	51.73	12.93	0.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	159.28	39.82	1.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	310.78	77.69	3.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	452.06	113.02	5.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	546.92	136.73	6.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	625.35	156.34	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	657.25	164.31	7.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	704.21	176.05	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	711.65	177.91	8.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	748.11	187.03	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	741.94	185.49	8.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	768.49	192.12	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	748.43	187.11	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	778.99	194.75	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	765.73	191.43	8.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	785.08	196.27	9.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	750.89	187.72	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	775.93	193.98	8.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	747.17	186.79	8.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	859.87	214.97	9.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	902.56	225.64	10.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	1,076.34	269.09	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	1,319.83	329.96	15.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	1,671.95	417.99	19.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,445.59	361.40	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	2,146.41	536.60	24.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	4,494.52	1123.63	51.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	5,453.84	1363.46	62.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:00 PM	6,923.11	1038.47	79.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
4:03 PM	7,278.15	218.34	83.7%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 15

Analysis Hours: 7:51 AM-3:57 PM (PST)

JANUARY 25 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:51 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	15.24	3.81	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	76.17	19.04	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	199.01	49.75	2.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	382.08	95.52	4.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	561.88	140.47	6.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	700.31	175.08	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	817.57	204.39	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	886.33	221.58	10.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	966.87	241.72	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,002.55	250.64	11.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,068.48	267.12	12.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,077.69	269.42	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,115.26	278.81	12.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,105.60	276.40	12.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,155.89	288.97	13.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,160.26	290.06	13.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,196.82	299.20	13.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,166.15	291.54	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,181.86	295.47	13.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,171.35	292.84	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,293.19	323.30	14.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	1,418.38	354.60	16.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	2,044.93	511.23	23.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	2,458.26	614.56	28.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	2,565.76	641.44	29.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	1,848.34	462.09	21.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	3,354.35	838.59	38.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	6,421.26	1605.32	73.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	6,423.35	1477.37	73.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:57 PM	7,619.53	838.15	87.6%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 22

Analysis Hours: 7:57 AM-3:54 PM (PST)

JANUARY 18 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
7:57 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:00 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.07	0.02	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	24.63	6.16	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	94.59	23.65	1.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	226.40	56.60	2.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	425.38	106.35	4.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	639.85	159.96	7.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	816.47	204.12	9.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	965.64	241.41	11.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,062.60	265.65	12.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,173.97	293.49	13.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,246.06	311.52	14.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,343.16	335.79	15.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,371.35	342.84	15.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,414.54	353.64	16.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,416.37	354.09	16.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,473.76	368.44	16.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,491.37	372.84	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,537.65	384.41	17.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,518.72	379.68	17.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,532.39	383.10	17.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,540.62	385.15	17.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,652.02	413.01	19.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	2,040.02	510.01	23.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	3,032.03	758.01	34.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	3,563.81	890.95	41.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,244.15	811.04	37.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	2,235.53	558.88	25.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	5,651.51	1412.88	65.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	7,108.83	1777.21	81.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	7,083.26	1416.65	81.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	7,906.24	632.50	90.9%	0.00	0.00	0.0%	0.00	0.00	0.0%

NOVEMBER 29

Analysis Hours: 8:04 AM-3:51 PM (PST)

JANUARY 11 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:04 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.79	0.20	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	30.43	7.61	0.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	104.50	26.13	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	239.22	59.80	2.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	439.92	109.98	5.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	688.26	172.07	7.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	897.92	224.48	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,077.24	269.31	12.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,197.81	299.45	13.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,332.01	333.00	15.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,426.17	356.54	16.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,544.99	386.25	17.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,588.59	397.15	18.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,633.07	408.27	18.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,642.74	410.69	18.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,715.76	428.94	19.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,746.90	436.73	20.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	1,812.49	453.12	20.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	1,803.62	450.90	20.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	1,813.74	453.44	20.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	1,816.53	454.13	20.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	1,927.58	481.90	22.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	2,652.43	663.11	30.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	3,878.22	969.56	44.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	4,436.51	1109.13	51.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	3,805.74	951.43	43.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	2,661.90	665.47	30.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,106.91	1776.73	81.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	7,534.33	1883.58	86.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	7,578.91	1364.20	87.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	8,087.57	404.38	93.0%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 6

Analysis Hours: 8:10 AM-3:51 PM (PST)

JANUARY 4 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:10 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	1.06	0.27	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	31.25	7.81	0.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	104.57	26.14	1.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	236.85	59.21	2.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	432.82	108.20	5.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	705.91	176.48	8.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	938.57	234.64	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,145.49	286.37	13.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,291.42	322.85	14.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,441.34	360.34	16.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,552.58	388.15	17.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,688.17	422.04	19.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,749.76	437.44	20.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,804.97	451.24	20.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,821.23	455.31	20.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	1,896.10	474.02	21.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	1,936.72	484.18	22.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,018.19	504.55	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,012.93	503.23	23.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,019.88	504.97	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	2,013.19	503.30	23.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,131.38	532.84	24.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,073.71	768.43	35.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,457.72	1114.43	51.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	5,016.65	1254.16	57.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,311.47	1077.87	49.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	3,057.87	764.47	35.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,585.68	1896.42	87.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	7,865.05	1966.26	90.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	7,800.10	1326.02	89.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:51 PM	8,204.89	410.24	94.4%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 13

Analysis Hours: 8:15 AM-3:52 PM (PST)

DECEMBER 28 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:15 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.35	0.09	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	17.06	4.26	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	84.01	21.00	1.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	191.47	47.87	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	405.71	101.43	4.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	637.05	159.26	7.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	935.20	233.80	10.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,166.94	291.74	13.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,332.85	333.21	15.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,499.81	374.95	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,620.06	405.01	18.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,765.24	441.31	20.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,850.71	462.68	21.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,905.91	476.48	21.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,923.18	480.80	22.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,003.13	500.78	23.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,050.12	512.53	23.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,142.74	535.68	24.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,146.40	536.60	24.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,153.44	538.36	24.8%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	2,128.92	532.23	24.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,253.55	563.39	25.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	3,178.55	794.64	36.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,758.12	1189.53	54.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	5,348.16	1337.04	61.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	4,758.32	1189.58	54.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	3,303.26	825.81	38.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,616.81	1904.20	87.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,111.85	2027.96	93.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	7,837.48	1410.75	90.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:52 PM	8,273.67	496.42	95.1%	0.00	0.00	0.0%	0.00	0.00	0.0%

DECEMBER 20

Analysis Hours: 8:19 AM-3:54 PM (PST)

WINTER SOLSTICE
DECEMBER 21 SIMILAR

Analysis Time	CURRENT SHADOW			HIGH COMMERCIAL ASSUMPTION SHADOW			HIGH RESIDENTIAL ASSUMPTION SHADOW		
	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage	Area (sf)	Area/Time (sfh)	Coverage
8:19 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:30 AM	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8:45 AM	19.31	4.83	0.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:00 AM	79.21	19.80	0.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:15 AM	192.98	48.24	2.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:30 AM	364.62	91.15	4.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
9:45 AM	627.36	156.84	7.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:00 AM	892.60	223.15	10.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:15 AM	1,143.65	285.91	13.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:30 AM	1,321.74	330.43	15.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
10:45 AM	1,497.10	374.27	17.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:00 AM	1,629.08	407.27	18.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:15 AM	1,776.13	444.03	20.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:30 AM	1,879.39	469.85	21.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
11:45 AM	1,937.03	484.26	22.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:00 PM	1,956.02	489.01	22.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:15 PM	2,034.45	508.61	23.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:30 PM	2,082.51	520.63	23.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
12:45 PM	2,179.72	544.93	25.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:00 PM	2,197.04	549.26	25.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:15 PM	2,208.13	552.03	25.4%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:30 PM	2,161.70	540.43	24.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
1:45 PM	2,285.96	571.49	26.3%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:00 PM	2,998.38	749.59	34.5%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:15 PM	4,793.26	1198.31	55.1%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:30 PM	5,364.38	1341.10	61.7%	0.00	0.00	0.0%	0.00	0.00	0.0%
2:45 PM	5,125.32	1281.33	58.9%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:00 PM	3,673.83	918.46	42.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:15 PM	7,184.43	1796.11	82.6%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:30 PM	8,279.90	2069.98	95.2%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:45 PM	7,735.69	1624.50	89.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
3:54 PM	8,299.40	663.95	95.4%	0.00	0.00	0.0%	0.00	0.00	0.0%