



# SAN FRANCISCO PLANNING DEPARTMENT

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## Discretionary Review Abbreviated Analysis

HEARING DATE: JANUARY 23, 2014

*Date:* January 16, 2014  
*Case No.:* **2013.1036D**  
*Project Address:* **2430 Vallejo Street**  
*Permit Application:* 2013.04.1.4277  
*Zoning:* RH-2 [Residential House, Two-Family]  
40-X Height and Bulk District  
*Block/Lot:* 0559/038  
*Project Sponsor:* Glenda Flaim  
Butler Armsden Architects  
2849 California Street  
San Francisco, CA 94115  
*Staff Contact:* Sharon Lai – (415) 575-9087  
[sharon.w.lai@sfgov.org](mailto:sharon.w.lai@sfgov.org)  
*Recommendation:* **Do not take DR and approve as proposed**

1650 Mission St.  
Suite 400  
San Francisco,  
CA 94103-2479

Reception:  
**415.558.6378**

Fax:  
**415.558.6409**

Planning  
Information:  
**415.558.6377**

### PROJECT DESCRIPTION

The proposal is to construct a three-story horizontal rear expansion (ground, first and second floors) and to expand the third floor by raising the existing roofline by approximately three feet in order to create a full habitable level at the third floor of the three-story over garage single-family home. The horizontal expansions include a ground floor extension of approximately 27 feet deep, a first floor extension of approximately 14 feet, 6 inches along the west side property line, a reduction of 2 feet along the east side property line, a first floor roof deck of approximately 12 feet, 6 inches, and a second floor extension of approximately 14 feet deep. The building will also extend approximately 2 feet, 6 inches towards the west side property line at the ground and first floors. Other modifications include new exterior stairs and front façade changes.

### SITE DESCRIPTION AND PRESENT USE

The subject property is a mid-block rectangular lot with 40 feet of frontage along Vallejo Street. The property has an unusually deep lot depth of 156 feet. The lot is occupied by a three-story over garage, single-family home that was constructed in 1905. The existing building depth is approximately 61 feet with a first floor rear deck of approximately 14 feet, 6 inches deep. The existing building height measured to the midrise of the attic level's roof pitch is approximately 37 feet.

### SURROUNDING PROPERTIES AND NEIGHBORHOOD

The subject property is located on the north side of Vallejo Street, between Steiner and Pierce Streets. The subject block is predominantly zoned RH-2. The majority of the mid-block lots have a lot depth of approximately 137.5 feet and a lot width of 25 to 30 feet. Several properties on the subject block fronting on Pierce Street are zoned RH-1. The subject site is located within the Pacific Heights neighborhood, east

of Divisadero Street and southwest of the Union Street Neighborhood Commercial District. The subject block is located one block south of the Saint Vincent De Paul Elementary School.

**BUILDING PERMIT NOTIFICATION**

TYPE	REQUIRED PERIOD	NOTIFICATION DATES	DR FILE DATE	DR HEARING DATE	FILING TO HEARING TIME
311 Notice	30 days	November 20, 2013 – December 20, 2013	December 20, 2013	January 23, 2014	34 days

**HEARING NOTIFICATION**

TYPE	REQUIRED PERIOD	REQUIRED NOTICE DATE	ACTUAL NOTICE DATE	ACTUAL PERIOD
Posted Notice	10 days	January 13, 2014	January 13, 2014	10 days
Mailed Notice	10 days	January 13, 2014	January 13, 2014	10 days

**PUBLIC COMMENT**

	SUPPORT	OPPOSED	NO POSITION
Adjacent neighbor(s)	X	2	X
Other neighbors on the block or directly across the street	X	X	X
Neighborhood groups	X	X	X

The east side (DR Requestor) and west side neighbors are opposed to the proposed expansion.

**DR REQUESTOR**

The DR requestors Adam and Latonia Karr reside at 2426 Vallejo Street, immediate east side adjacent neighbor of the subject property.

**DR REQUESTOR’S CONCERNS AND PROPOSED ALTERNATIVES**

See attached *Discretionary Review Application*, dated December 20, 2013.

**PROJECT SPONSOR’S RESPONSE TO DR APPLICATION**

See attached *Response to Discretionary Review*, dated January 14, 2014.

**ENVIRONMENTAL REVIEW**

The Department has determined that the proposed project is exempt/excluded from environmental review, pursuant to CEQA Guideline Section 15301 (Class One - Minor Alteration of Existing Facility, (e)

Additions to existing structures provided that the addition will not result in an increase of more than 10,000 square feet).

### **RESIDENTIAL DESIGN TEAM REVIEW**

The proposed horizontal expansion is consistent with the existing mid-block pattern by progressively setting back the first, second and third floors at the rear to provide larger rear yard setbacks. The proposed project provides reductions in depth at the rear of the upper floors which appropriately respond to the Residential Design Guidelines. The subject block does not have a clearly established mid-block pattern in that multiple lots on the block are occupied by buildings that extend as deep into the mid-block area as the subject building's proposed horizontal addition. The proposed building massing and scale at the rear is similar to other buildings in the block and is therefore not out of context. Furthermore, the deepest proposed level of expansion is at the ground floor, and will only project three feet beyond the existing single-story deck. A shadow study submitted by the sponsor states that an increase of 2.5% in shading from the current level of shading will be present. The privacy and shadow concerns resulting from the proposed new decks and expansions are within expected tolerances for development within a dense urban environment. The project does not present any exceptional or extraordinary circumstances.

**Under the Commission's pending DR Reform Legislation, this project would not be referred to the Commission as this project does not contain or create any exceptional or extraordinary circumstances.**

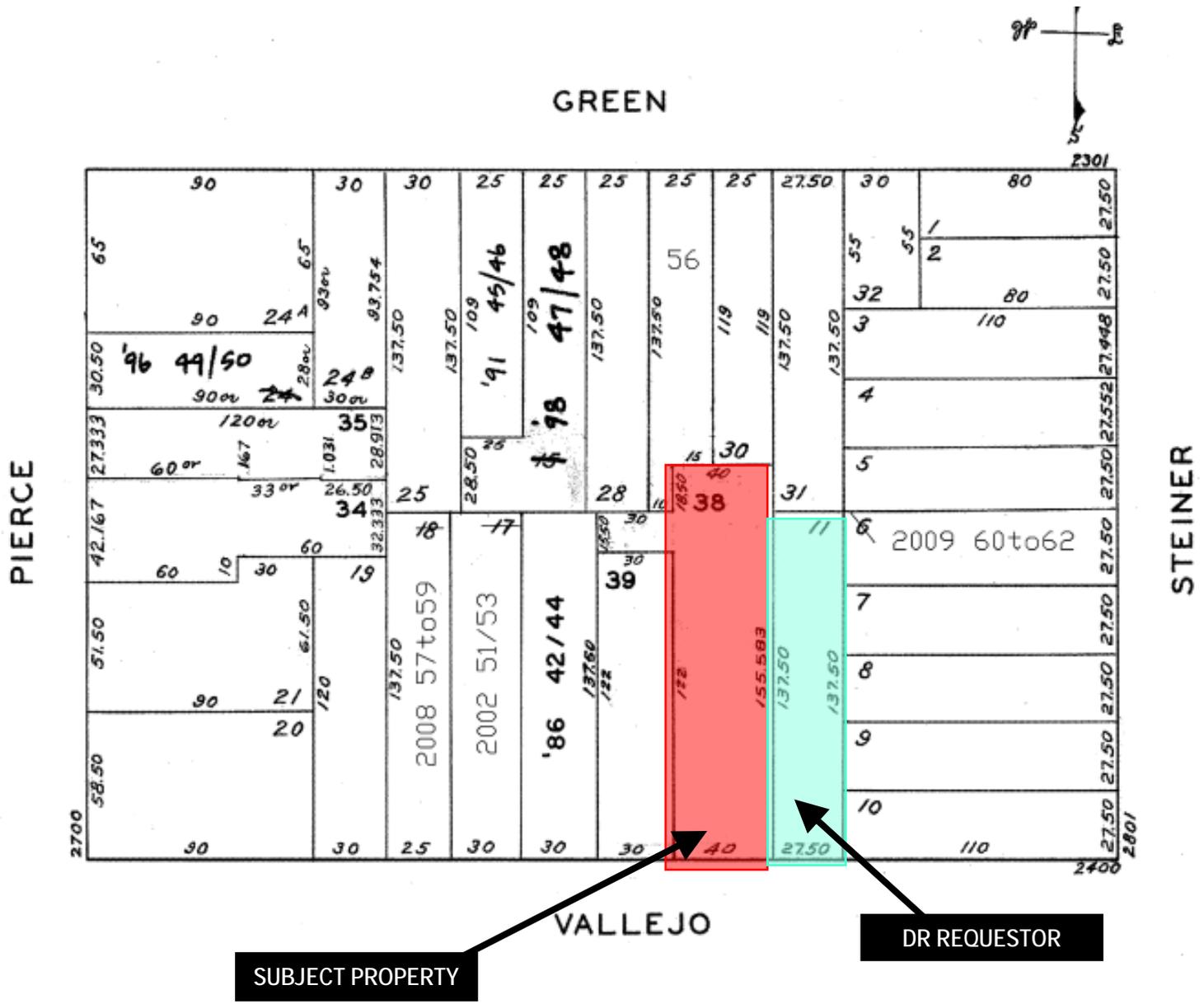
<b>RECOMMENDATION:</b> <b>Do not take DR and approve project as proposed</b>
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**Attachments:**

- Block Book Map
- Sanborn Map
- Zoning Map
- Aerial Photographs
- Context Photographs
- Section 311 Notice
- DR Application
- Response to DR Application dated January 15, 2014
- Reduced Plans
- Shadow Study

*SL: G:\DOCUMENTS\DRs\2430 Vallejo St\2013.1036D\2430 Vallejo St - DR Abbreviated Analysis.doc*

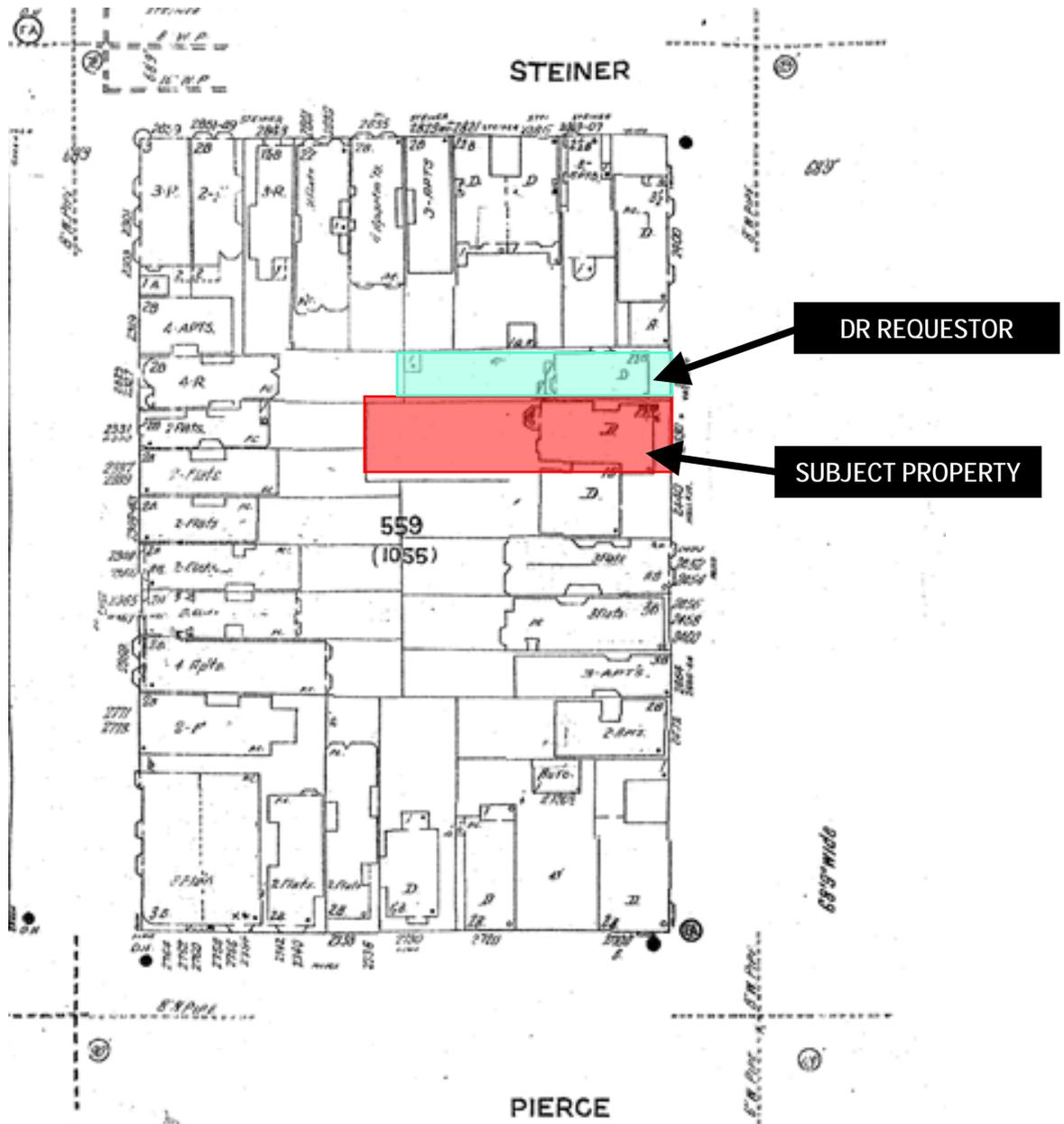
# Parcel Map



Abbreviated Discretionary Review  
 Case Number 2013.1036D  
 2430 Vallejo Street



# Sanborn Map\*

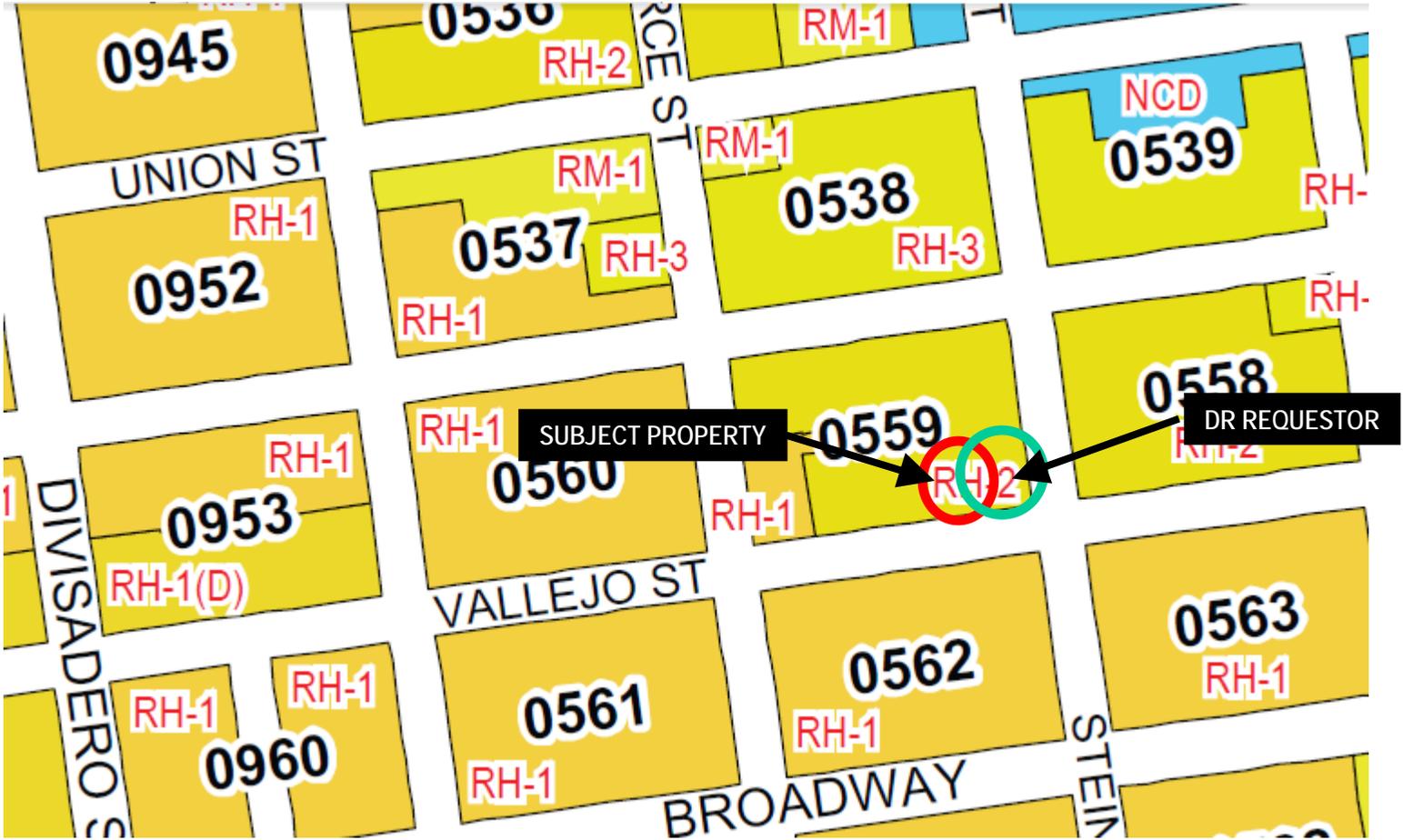


\*The Sanborn Maps in San Francisco have not been updated since 1998, and this map may not accurately reflect existing conditions.



Abbreviated Discretionary Review  
Case Number 2013.1036D  
2430 Vallejo Street

# Zoning Map



Abbreviated Discretionary Review  
Case Number 2013.1036D  
2430 Vallejo Street

# Aerial Photo View to East

DR REQUESTOR



SUBJECT PROPERTY



Abbreviated Discretionary Review  
Case Number 2013.1036D  
2430 Vallejo Street

# Aerial Photo View to South

DR REQUESTOR

SUBJECT PROPERTY



© 2013 Pictometry



# Site Photo

SUBJECT PROPERTY

DR REQUESTOR



Abbreviated Discretionary Review  
Case Number 2013.1036D  
2430 Vallejo Street



# SAN FRANCISCO PLANNING DEPARTMENT

1650 Mission Street Suite 400 San Francisco, CA 94103

## NOTICE OF BUILDING PERMIT APPLICATION (SECTION 311/312)

On **April 11, 2013**, the Applicant named below filed Building Permit Application No. **2013.04.11.4277** with the City and County of San Francisco.

PROPERTY INFORMATION		APPLICANT INFORMATION	
Project Address:	<b>2430 Vallejo Street</b>	Applicant:	<b>Glenda Flaim</b>
Cross Street(s):	<b>Steiner/Pierce</b>	Address:	<b>2849 California Street</b>
Block/Lot No.:	<b>0559/038</b>	City, State:	<b>San Francisco, CA 94115</b>
Zoning District(s):	<b>RH-2 / 40-X</b>	Telephone:	<b>(415) 674-5554</b>

You are receiving this notice as a property owner or resident within 150 feet of the proposed project. You are not required to take any action. For more information about the proposed project, or to express concerns about the project, please contact the Applicant listed above or the Planner named below as soon as possible. If you believe that there are exceptional or extraordinary circumstances associated with the project, you may request the Planning Commission to use its discretionary powers to review this application at a public hearing. Applications requesting a Discretionary Review hearing must be filed during the 30-day review period, prior to the close of business on the Expiration Date shown below, or the next business day if that date is on a week-end or a legal holiday. If no Requests for Discretionary Review are filed, this project will be approved by the Planning Department after the Expiration Date.

Members of the public are not required to provide personal identifying information when they communicate with the Commission or the Department. All written or oral communications, including submitted personal contact information, may be made available to the public for inspection and copying upon request and may appear on the Department's website or in other public documents.

PROJECT SCOPE		
<input type="checkbox"/> Demolition	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Alteration
<input type="checkbox"/> Change of Use	<input type="checkbox"/> Façade Alteration(s)	<input checked="" type="checkbox"/> Front Addition
<input checked="" type="checkbox"/> Rear Addition	<input checked="" type="checkbox"/> Side Addition	<input checked="" type="checkbox"/> Vertical Addition
PROJECT FEATURES	EXISTING	PROPOSED
Front Setback	8 feet	No Change
Side Setback (east)	None	No Change
Side Setback (west)	3 feet, 6 inches (from side property line)	2 feet
Building Depth	76 feet	87 feet
Rear Yard	72 feet	61 feet
Building Height	37 feet (to mid pitch @ front)	40 feet
Number of Stories	4	No Change
Number of Dwelling Units	1	No Change
Number of Parking Spaces	0	3
PROJECT DESCRIPTION		
The proposal is to construct a three-story horizontal rear expansion and to increase the overall building height by approximately three feet. The horizontal expansions include a ground floor extension of approximately 27 feet deep, a first floor extension of approximately 11 feet deep (including deck), and a second floor extension of approximately 15 feet deep with a roof deck. The proposed third floor will extend closer towards the east and west side property lines. Other modifications include new exterior stairs and front façade changes. See attached plans.		

**For more information, please contact Planning Department staff:**

Planner: Sharon Lai

Telephone: (415) 575-9087

E-mail: sharon.w.lai@sfgov.org

中文詢問請電: (415) 575-9010

Para información en Español llamar al: (415) 575-9010

Notice Date: **11/20/2013**

Expiration Date: **12/20/2013**

# GENERAL INFORMATION ABOUT PROCEDURES

Reduced copies of the proposed project plans have been included in this mailing for your information. If you have questions about the plans, please contact the project Applicant listed on the front of this notice. You may wish to discuss the plans with your neighbors or neighborhood association, as they may already be aware of the project. If you have general questions about the Planning Department's review process, please contact the Planning Information Center at 1660 Mission Street, 1st Floor (415/ 558-6377) between 8:00am - 5:00pm Monday-Friday. If you have specific questions about the proposed project, you should contact the planner listed on the front of this notice.

If you believe that the impact on you from the proposed project is significant and you wish to seek to change the project, there are several procedures you may use. **We strongly urge that steps 1 and 2 be taken.**

1. Request a meeting with the project Applicant to get more information and to explain the project's impact on you.
2. Contact the nonprofit organization Community Boards at (415) 920-3820, or online at [www.communityboards.org](http://www.communityboards.org) for a facilitated discussion in a safe and collaborative environment. Community Boards acts as a neutral third party and has, on many occasions, helped reach mutually agreeable solutions.
3. Where you have attempted, through the use of the above steps or other means, to address potential problems without success, please contact the planner listed on the front of this notice to discuss your concerns.

If, after exhausting the procedures outlined above, you still believe that exceptional and extraordinary circumstances exist, you have the option to request that the Planning Commission exercise its discretionary powers to review the project. These powers are reserved for use in exceptional and extraordinary circumstances for projects which generally conflict with the City's General Plan and the Priority Policies of the Planning Code; therefore the Commission exercises its discretion with utmost restraint. This procedure is called Discretionary Review. If you believe the project warrants Discretionary Review by the Planning Commission, **you must file a Discretionary Review application prior to the Expiration Date shown on the front of this notice.** Discretionary Review applications are available at the Planning Information Center (PIC), 1660 Mission Street, 1st Floor, or online at [www.sfplanning.org](http://www.sfplanning.org). You must submit the application in person at the Planning Information Center (PIC) between 8:00am - 5:00pm Monday-Friday, with all required materials and a check payable to the Planning Department. To determine the fee for a Discretionary Review, please refer to the Planning Department Fee Schedule available at [www.sfplanning.org](http://www.sfplanning.org). If the project includes multiple building permits, i.e. demolition and new construction, a **separate request for Discretionary Review must be submitted, with all required materials and fee, for each permit that you feel will have an impact on you.**

**Incomplete applications will not be accepted.**

If no Discretionary Review Applications have been filed within the Notification Period, the Planning Department will approve the application and forward it to the Department of Building Inspection for its review.

## BOARD OF APPEALS

An appeal of the Planning Commission's decision on a Discretionary Review case may be made to the **Board of Appeals within 15 calendar days after the building permit is issued** (or denied) by the Department of Building Inspection. Appeals must be submitted in person at the Board's office at 1650 Mission Street, 3rd Floor, Room 304. For further information about appeals to the Board of Appeals, including current fees, contact the Board of Appeals at (415) 575-6880.

## ENVIRONMENTAL REVIEW

This project has undergone preliminary review pursuant to California Environmental Quality Act (CEQA). If, as part of this process, the Department's Environmental Review Officer has deemed this project to be exempt from further environmental review, an exemption determination has been prepared and can be obtained through the Exemption Map, on-line, at [www.sfplanning.org](http://www.sfplanning.org). An appeal of the decision **to exempt the proposed project from CEQA may be made to the Board of Supervisors within 30 calendar days** after the project approval action identified on the determination. The procedures for filing an appeal of an exemption determination are available from the Clerk of the Board at City Hall, Room 244, or by calling (415) 554-5184.

Under CEQA, in a later court challenge, a litigant may be limited to raising only those issues previously raised at a hearing on the project or in written correspondence delivered to the Board of Supervisors, Planning Commission, Planning Department or other City board, commission or department at, or prior to, such hearing, or as part of the appeal hearing process on the CEQA decision.

# APPLICATION FOR Discretionary Review

## 1. Owner/Applicant Information

DR APPLICANT'S NAME: Adam and Latonia Karr and Pacific Heights Residents Association		
DR APPLICANT'S ADDRESS: 2426 Vallejo Street 2585 Pacific Avenue, 94115	ZIP CODE: 94123	TELEPHONE: 440-0124 (415) 498-6270

PROPERTY OWNER WHO IS DOING THE PROJECT ON WHICH YOU ARE REQUESTING DISCRETIONARY REVIEW NAME:  
Burke Norton and Phoebe White

ADDRESS: 2430 Vallejo Street	ZIP CODE: 94123	TELEPHONE: <del>874-5554</del> (415) 829-8738
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CONTACT FOR DR APPLICATION:

Same as Above

ADDRESS:	ZIP CODE:	TELEPHONE: ( )
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E-MAIL ADDRESS:

tonia.karr@gmail.com  
greg.scott@us.pwc.com

## 2. Location and Classification

STREET ADDRESS OF PROJECT: 2430 Vallejo Street	ZIP CODE: 94123
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CROSS STREETS:  
Pierce and Steiner Sts.

ASSESSORS BLOCK/LOT: 0559 / 038	LOT DIMENSIONS: 40x155.583	LOT AREA (SQ FT): 6,686	ZONING DISTRICT: RH-2	HEIGHT/BULK DISTRICT: 40-X
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## 3. Project Description

Please check all that apply

Change of Use  Change of Hours  New Construction  Alterations  Demolition  Other

Additions to Building: Rear  Front  Height  Side Yard   
Single family home

Present or Previous Use:  
Single family home

Proposed Use: \_\_\_\_\_  
2013.04.11.4277

Building Permit Application No. \_\_\_\_\_

Date Filed: April 11, 2013

4. Actions Prior to a Discretionary Review Request

13-1036 D

Prior Action	YES	NO
Have you discussed this project with the permit applicant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Did you discuss the project with the Planning Department permit review planner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Did you participate in outside mediation on this case?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5. Changes Made to the Project as a Result of Mediation

If you have discussed the project with the applicant, planning staff or gone through mediation, please summarize the result, including any changes there were made to the proposed project.

See attached

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**5. CHANGES MADE TO THE PROJECT AS A RESULT OF MEDIATION:**

036 11

**If you have discussed the project with the applicant, planning staff or gone through mediation, please summarize the result, including any changes that were made to the proposed project**

We have not entered into a formal mediation process but we have expressed our concerns about the proposed project to both the sponsor and the planning department on several occasions. We first expressed our concerns at the March 25, 2013, pre-application neighborhood meeting when the initial plans were presented. The initial plans called for a massive four story-rear addition into the rear yard that was substantially out of scale with the surrounding buildings, and that significantly reduced the mid-block open space. As a result, the adjacent properties were severely negatively impacted.

Although the project sponsor team requested that we wait until AFTER the 311 Notice was circulated to voice our objections, we decided to communicate our concerns directly to the planning department. We requested that the sponsor team consider a substantial reduction in the depth of the proposed multi-story rear addition, particularly at the upper levels where the subject property and the adjacent properties are fairly closely aligned.

Following the design review, the Planning Staff requested revisions to the project to allow for a three – story rear addition with a very, very minor reduction in depth at the first and second levels and a third story roof deck was added. This was the version presented in the 311 Notice, and which we are requesting the Commission to modify. We asked the project sponsor to install story poles to help us visualize the project, but our request (and our offer to pay for the poles) was rejected. We believe that the proposed rear addition is still extraordinarily and uncharacteristically deep, particularly at the upper levels.

# Discretionary Review Request

In the space below and on separate paper, if necessary, please present facts sufficient to answer each question.

1. What are the reasons for requesting Discretionary Review? The project meets the minimum standards of the Planning Code. What are the exceptional and extraordinary circumstances that justify Discretionary Review of the project? How does the project conflict with the City's General Plan or the Planning Code's Priority Policies or Residential Design Guidelines? Please be specific and site specific sections of the Residential Design Guidelines.

See attached

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2. The Residential Design Guidelines assume some impacts to be reasonable and expected as part of construction. Please explain how this project would cause unreasonable impacts. If you believe your property, the property of others or the neighborhood would be adversely affected, please state who would be affected, and how:

See attached

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3. What alternatives or changes to the proposed project, beyond the changes (if any) already made would respond to the exceptional and extraordinary circumstances and reduce the adverse effects noted above in question #1?

See attached

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## Discretionary Review Request

**1. What are the reasons for requesting Discretionary Review? The project meets the minimum standards of the Planning Code. What are the exceptional and extraordinary circumstances that justify Discretionary Review of the Project? How does the project conflict with the City's General Plan or the Planning Code's Priority Policies or Residential Design Guidelines? Please be specific and site specific sections.**

The subject property is already the largest single-family home on the 2400 block of Vallejo Street. The rear wall of the home already extends out further than the home on east, and is comparable in depth to the home on the west. This project deserves additional review because the height and depth of the new building is not compatible with the building scale at the mid-block open space.

This block currently has a strong, clear and regular mid-block setback pattern, something this proposed expansion completely ignores. Per the San Francisco Residential Design Guidelines, page 25, *“Even when permitted by the Planning Code, building expansions into the rear yard may not be appropriate if they are uncharacteristically deep or tall...”* and *“An out-of-scale rear yard addition can leave surrounding residents feeling boxed-in and cutoff from the mid block open space.”* Clearly this is the case with this proposed addition, which will not only impact the adjacent neighbors on Vallejo Street, but also those on Steiner and Pierce Sts. The midblock open space is a valuable community asset.

A deep rear extension as proposed at 2340 Vallejo (15 feet deep at the 3<sup>rd</sup> level with a roof deck) will also rob the adjoining properties from light (in the case of 2426 Vallejo afternoon sun) as well as the enjoyment of the mid-block open space. This issue is exacerbated by the fact that the home on the East (2426 Vallejo Street) is at a significantly lower grade than the subject property. Indeed, 2426 Vallejo Street is at least 6 feet lower than the subject property and there is an existing fence and tall hedge so we are already effectively one full story lower than the subject property. If the proposed project proceeds as planned, the height and depth of the 3-story rear addition will cause a loss of both direct summer sunlight and will prevent year-round ambient light from reaching the yard and windows on the lower stories. Per the San Francisco Residential Design Guidelines, page 16 the building should be articulated *“to minimize impacts on light and privacy to adjacent properties.”* The Guidelines further state *“There may be situations where a proposed project will have a greater impact on neighboring buildings. In these situations, the following design modification(s) can minimize impact on light.”*

- Provide setbacks on the upper floors of the building

We also have privacy concerns. Given the size and position of the roof deck, it will be possible to peer into every corner of the master bedroom and family room of 2426 Vallejo.

**2. The Residential Design Guidelines assume some impacts to be reasonable and expected as part of construction. Please explain how this project would cause unreasonable impacts. If you believe your property, the property of others or the neighborhood would be adversely affected, please state who would be affected, and how.**

We understand and accept that, regardless of the size of the addition, there will be some loss of light and openness. However, the massive scale of the proposed addition will result in an extraordinary loss of light and access to enjoyment of the midblock open space for the adjacent properties. 2440 Vallejo Street will be boxed in and will suffer the loss of morning light and 2426 will lose afternoon light. Furthermore, the interiors and garden of 2426 Vallejo Street will be permanently shadowed in the winter and predominantly shadowed in the summer. A reduction in the depth and height of the new addition, particularly at the 3<sup>rd</sup> level will mitigate the negative and unreasonable impacts.

**3. What alternatives or changes to the proposed project, beyond the changes (if any) already made would respond to the exceptional and extraordinary circumstances and reduce the adverse effects noted above in question 2.**

The following design modifications would reduce the extraordinary and exceptional negative impacts of the proposed rear yard expansions: (a) significantly scale back the proposed addition to the 3<sup>rd</sup> floor and (b) reduce the overall footprint of the proposed addition.

# Applicant's Affidavit

Under penalty of perjury the following declarations are made:

- a: The undersigned is the owner or authorized agent of the owner of this property.
- b: The information presented is true and correct to the best of my knowledge.
- c: The other information or applications may be required.

Signature: Latonia Karr Date: 12/20/13

L. Gregory Scott 12.20.13

Print name, and indicate whether owner, or authorized agent:

Latonia Karr, owner

Owner / Authorized Agent (circle one)

L. Gregory Scott, President Pacific Heights Residents Association

# Discretionary Review Application Submittal Checklist

**13-1036 D**

Applications submitted to the Planning Department must be accompanied by this checklist and all required materials. The checklist is to be completed and **signed by the applicant or authorized agent.**

REQUIRED MATERIALS (please check correct column)	DR APPLICATION
Application, with all blanks completed	<input checked="" type="checkbox"/>
Address labels (original), if applicable	<input checked="" type="checkbox"/>
Address labels (copy of the above), if applicable	<input checked="" type="checkbox"/>
Photocopy of this completed application	<input checked="" type="checkbox"/>
Photographs that illustrate your concerns	☆
Covenant or Deed Restrictions	☆
Check payable to Planning Dept.	<input checked="" type="checkbox"/>
Letter of authorization for agent	<input checked="" type="checkbox"/> m/12
Other: Section Plan, Detail drawings (i.e. windows, door entries, trim), Specifications (for cleaning, repair, etc.) and/or Product cut sheets for new elements (i.e. windows, doors)	☆

NOTES:

- Required Material.
- ☆ Optional Material.
- Two sets of original labels and one copy of addresses of adjacent property owners and owners of property across street.

For Department Use Only

Application received by Planning Department:

By:

*James Shamba*

Date:

12/23/13

0559/039  
Geof and Anne Barker  
2440 Vallejo Street  
San Francisco, CA 94123

0562/024  
To the Owner of  
2427 Vallejo Street  
San Francisco, CA 94123

0559/030  
To the Owner of  
2331 Green Street  
San Francisco, CA 94123

0559/011  
Adam and Tonia Karr  
2426 Vallejo Street  
San Francisco, CA 94123

0562/023  
To the Owner of  
2429 Vallejo Street  
San Francisco, CA 94123

0559/031  
To the Owner of  
2327 Green Street  
San Francisco, CA 94123

0559/038  
Burke Norton and Phoebe White  
2430 Vallejo Street  
San Francisco, CA 94123

0562/027-028  
To the Owner of  
2441 Vallejo Street  
San Francisco, CA 94123

0559/047-048  
0559/063-064  
To the Owner of  
2343 Green Street  
San Francisco, CA 94123

0562/027-0278  
To the Owner of  
2443 Vallejo Street  
San Francisco, CA 94123

0559/047-048  
0559/063-064  
To the Owner of  
2345 Green Street  
San Francisco, CA 94123

0562/025  
To the Owner of  
2419 Vallejo Street  
San Francisco, CA 94123

0562/031-036  
To the Owner of  
2447 Vallejo Street, #1  
San Francisco, CA 94123

0559/047-048  
0559/063-064  
To the Owner of  
2349 Green Street  
San Francisco, CA 94123

0562/031-036  
To the Owner of  
2447 Vallejo Street, #2  
San Francisco, CA 94123

0559/047-048  
0559/063-064  
To the Owner of  
2351 Green Street  
San Francisco, CA 94123

0562/031-036  
To the Owner of  
2447 Vallejo Street, #3  
San Francisco, CA 94123

0559/056  
To the Owner of  
2337 Vallejo Street  
San Francisco, CA 94123

0562/031-036  
To the Owner of  
2447 Vallejo Street, #4  
San Francisco, CA 94123

0559/056  
To the Owner of  
2339 Vallejo Street  
San Francisco, CA 94123

0562/031-036  
To the Owner of  
2447 Vallejo Street, #5  
San Francisco, CA 94123

0562/019  
To the Owner of  
2467 Vallejo Street  
San Francisco, CA 94123

**From:** [Tonia Karr](#)  
**To:** [Lai, Sharon \(CPC\)](#)  
**Subject:** 2430 Discretionary Review Request  
**Date:** Thursday, January 16, 2014 9:45:35 AM

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To: SF Planning Commission

I would like to respectfully submit the following photos as an addendum to the Discretionary Review Filing for 2430 Vallejo Street.

Subsequent to my filing the DR, the project sponsor and I have been in discussions regarding scaling back the scope of the proposed rear extension at the 3rd level (bedroom level).

As you can see, I have suggested an expansion of 12 feet (depth) as compared to an expansion of 15 ft (depth) as depicted in the attached photos. I have agreed to the proposed height level. I had originally asked that they consider not expanding at this level at all, so I feel I have made a sincere effort to achieve a compromise.

The change of 3 feet should not significantly impact the renovation plans of 2430, but it will go a long way to help me avoid feeling boxed-in and will hopefully mitigate some of the shadow created, especially during summer afternoons. Please note, my drawings are not precise, they are my good faith best guess based on our discussions.

The sponsor has indicated that changes can be made to address my concerns on the main/lower levels so I have focused on the one open item of contention. I have agreed to their 1st floor and 2nd floor expansion plans and have only asked for modest changes (e.g. glass railings) that should help mitigate the shadowing/rear yard massing impact on my property. Of course my preference would be to have a bigger set back at the 3rd level, but this is a compromise that I believe could work for both of us. I have asked my neighbor at 2430 to consider my revised suggestion. It is my hope that they will accept my compromise, which I believe is reasonable.

Thank you in advance for your consideration.

Tonia Karr  
415-250-8816

2430 Vallejo

2430 Vallejo  
Suggested on  
1/15  
(+12 feet)

2440 Vallejo

2430 Vallejo  
as submitted  
(+15 feet)

2426 Vallejo

2430 Vallejo - DR Photo #1



2430 Vallejo

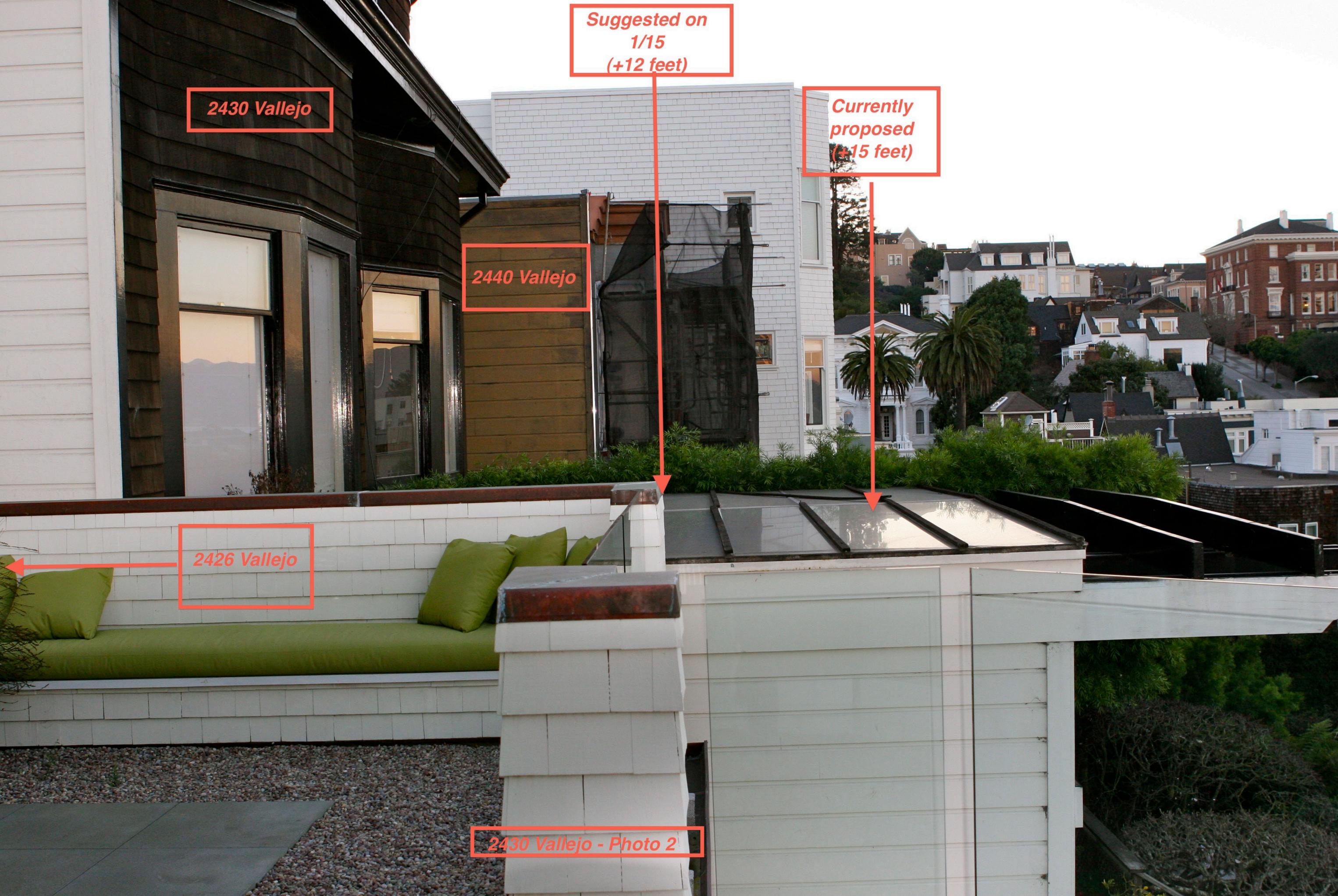
Suggested on  
1/15  
(+12 feet)

Currently  
proposed  
(+15 feet)

2440 Vallejo

2426 Vallejo

2430 Vallejo - Photo 2



2430 Vallejo

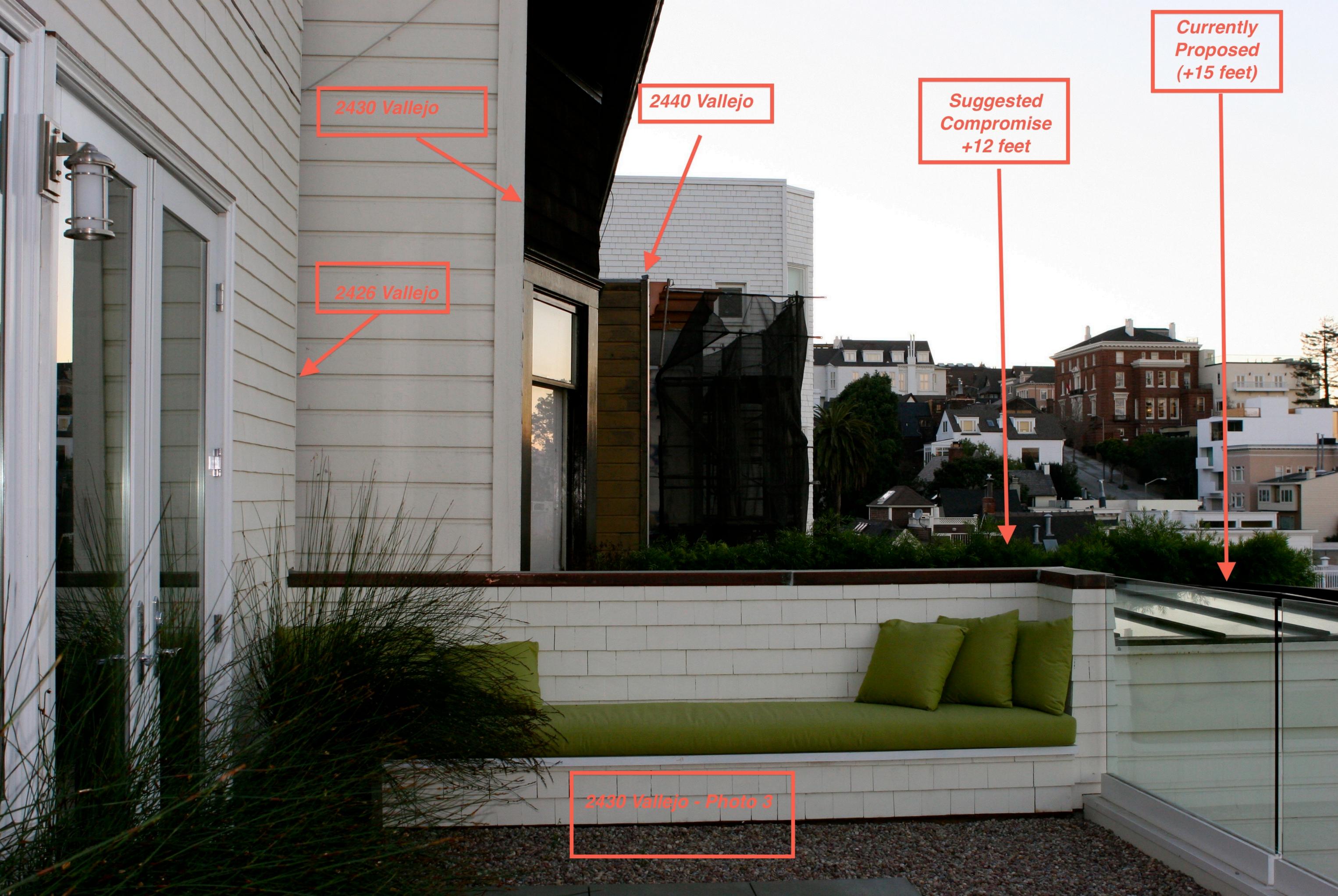
2440 Vallejo

2426 Vallejo

Suggested  
Compromise  
+12 feet

Currently  
Proposed  
(+15 feet)

2430 Vallejo - Photo 3



**2426 Vallejo**



**2430 Vallejo**



**2440 Vallejo**



**2430 Vallejo - Photo #4**

# REUBEN & JUNIUS<sup>LLP</sup>

January 15, 2014

## **BY HAND DELIVERY**

President Rodney Fong  
San Francisco Planning Department  
1650 Mission Street, Suite 400  
San Francisco, CA 94103

**Re: 2430 Vallejo Street – Brief in Opposition to Discretionary Review Request**  
**Our file: 7640.01**

Dear President Fong:

Our office represents Burke Norton and Phoebe White, owners of the property located at 2430 Vallejo Street (the “Property”). The Property is currently improved with a single family home with three floors over a partially sub-grade level. Burke and Phoebe live at the Property with their two young children, and they are currently in discussions regarding the adoption of another child. Phoebe is from the U.K. and Burke and Phoebe are preparing for Phoebe’s elderly parents to move in with them after the renovation of their Property is complete.

Burke and Phoebe are seeking to expand and modernize their Property to better serve the needs of their growing family. They are currently proposing a renovation of the interior of their home, as well as a modest rear expansion of the lower three floors of their home (the “Project”). The Project will also return the front façade of the Property much closer to its original appearance, removing the non-original shingles and front balcony. The front façade will be treated with a stucco finish, similar to the original house.

As will be detailed in this letter, Burke and Phoebe have worked hard and in good faith to consult their neighbors and the Planning Department to craft a project that the neighborhood is comfortable with and the Planning Department can support. Despite working diligently with the Planning Department and reaching out to neighbors, they have been unable to satisfy the property owner adjacent to the east, who requested a discretionary review hearing at the Planning Commission (the “DR Requestor”).

The Project will modernize the Property, something which both of the adjacent neighbors have done in recent years. Other than the DR Requestor, there are no other identified neighbors in the vicinity that oppose the Project. We respectfully request that you deny the request for discretionary review and approve the modest home expansion as proposed.

**A. Project Overview**

The Project proposes the following alterations to the existing four-story, single family home at the Property:

- Extends the north side of the home on the ground level, the first floor, and the second floor as follows:
  - Third floor: No extension (establishing a terrace above the second floor);
  - Second floor: 13 feet, to the same point as the rear wall of the floor below;
  - First floor: A *reduction* of the northern wall of 2 feet and an extension of the western half of the northern wall to the same point to “even out” the back wall (the existing ground floor has a room on its eastern half that extends 14 feet beyond its western half) achieving a consistent rear wall line 3.5 feet shorter than what is allowed by the Planning Code and 2 feet shorter than existing conditions on the eastern half of the floor;
  - Ground floor: Extension almost entirely under an existing deck at the first floor, and extending three feet beyond the northern side of the existing deck (three feet shorter than what is allowed by the Planning Code). The ground floor expansion would actually *increase* mid-block open space by eliminating a non-compliant center stairway and platform leading from the existing first floor to the ground (adding roughly 143 square feet to the mid-block open space);
- Slightly expands a portion of the ground and first floor levels of the existing home (roughly 2.5 feet) towards the west to create a consistent, voluntary side yard along the entire west side of the home;
- Raises the house by one foot to the allowed 40 feet in order to make the garage more accessible and usable, which actually reduces the effective height of the house by 2.3 feet by removing a sloped roof and creating a flat roof behind the existing gable roof at the front of the home;
- Infills a lightwell on the upper three floors of the building on the east property line;
- Removes the non-original shingles on the front façade and replaces them with integrated stucco material; a non-original balcony at the front façade will also be removed, bringing the building more in conformance with its original character.

**B. Project Design Development**

Burke and Phoebe have been flexible with the Project's design throughout the entitlement process, with the goal of achieving a design that is sensitive to the existing neighborhood character and that meets the needs of their growing family. The Project has undergone design review with the Planning Department, and Burke and Phoebe have agreed to significant modifications requested by the Residential Design Team. These include:

1. The ground floor extension was reduced by 3 feet;
2. The first floor extension was reduced by 3.5 feet, resulting in a 2-foot *reduction* from where the eastern half of the rear first floor is currently;
3. The second floor extension was reduced by 3.5 feet;
4. The proposed 9 foot, 3 inch third floor extension was completely eliminated, leaving the third floor at the same depth as currently exists.

On the top three floors, Burke and Phoebe have agreed to a collective reduction in the rear extensions of 16 feet, 3 inches. **This constitutes a 2/3rds reduction in the total new rear building depth on the three visible levels (above the ground floor) compared to the original Project proposal.**

Further, very little of the mass created by the current Project will be perceptible by the DR Requestor. The ground floor extension on the east half of the Property is almost entirely occupying space that is currently covered by the existing first floor, and will actually *increase* mid-block open space by eliminating a non-compliant center stairway and platform leading from the existing first floor to the ground (adding roughly 143 square feet to the mid-block open space). The rear of the first floor on the east half of the Property will be reduced by 2 feet. No extension is proposed on the third floor. **The only new building mass that will be visible to the DR Requestor is the extension of the second floor.**

Once the Planning Department determined that the Project was in compliance with the Planning Code, proposed a design that they were in support of, and was consistent with the Residential Design Guidelines, the 311 notice was mailed and the DR Requestor filed this DR. Burke and Phoebe met with the DR Requestor in an effort to find some resolution that would satisfy the DR Requestor and still meet their goals for the Project. The DR Requestor was unwilling to accept any design that included any expansion of the second floor. When considering this demand in combination with the Project modifications made as part of the design review process, the DR Requestor is essentially asking for a Project that (1) cannot be seen by them on the ground level, (2) reduces the first floor depth along the DR Requestor's property line by 2 feet, and (3) leaves the second and third floors unchanged from their current conditions along the DR Requestor's property line – in other words, a project that creates no new

mass along their property line. This was simply an unreasonable request, and Burke and Phoebe could not accept.

Burke and Phoebe's Project to expand and modernize their home is reasonable and modest in scale and complies in all respects with the Planning Code and Design Review Guidelines. They have shown flexibility throughout the entitlement process and have ultimately agreed to a Project with the only components visible to the DR Requestor are a 13 foot extension on the second floor and a 2-foot reduction on the first floor. Burke and Phoebe have demonstrated good faith in reaching out and attempting to accommodate the DR Requestor.

### **C. The Project Complies with Residential Design Guidelines**

The DR Requestor cites three areas of inconsistency between the Project and the Residential Design Guidelines: mid-block open space, light and air, and privacy. As discussed below, the Project is modest and is well-designed to be consistent with the Residential Design Guidelines:

#### Mid-Block Open Space

With respect to building scale at the mid-block open space, the Residential Design Guidelines recommend "[d]esign[ing] the height and depth of the building to be compatible with the existing building scale at the mid-block open space." The Project does just that, as follows:

- The maximum rear extension of the Property is minimal. At most, the deepest point of the Property will be extended 3 feet from its current location. This will happen at the ground floor and will not be visible to neighboring properties. In fact, building massing will be reduced through the elimination of a center stairway and platform leading from the existing first floor to the ground (adding roughly 143 square feet to the mid-block open space). **At the visible upper three levels, the deepest point of the Property at the rear is actually decreasing by 2 feet.**
- The height at the rear of the Property is comparable to adjacent and nearby properties (and shorter than many). The height of the rear of the Property at the mid-block will increase by only one floor. This is consistent with the adjacent, three-story property to the west, which is in fact taller at its rear than the Project. The buildings to the west of the west neighbor are even taller at the mid-block with four stories (and also extend beyond their 45% rear yard line).
- The Project is fully consistent with the 45% rear yard requirement. The Project in fact reduces the deepest point of the existing home on the visible three upper stories by 2 feet. At these three stories, the building is 3.5 feet *shorter* than the 45% rear yard line. With one exception, every other home on the north side of

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this block of Vallejo Street encroaches into the 45% rear yard setback (including both adjacent properties) – meaning the Project will result in only the second home that complies with the 45% rear yard setback. Further, the second and third buildings to the west of the Property will continue to be deeper than the Project (and taller at their rear points). A diagram illustrating the mid-block open space is attached as **Exhibit A**.

- The Project provides a ground floor “pop-out,” that fully complies with the rear yard exception in Planning Code Section 136, and in fact is a full 3 feet shorter than what is permitted. This pop-out will be entirely beneath side yard fencing and will not be visible to adjacent neighbors.
- The Property currently contributes the greatest amount of area to the mid-block open space, and will continue to do so after the Project is complete. This is due to the fact that the Property is deeper (155 feet) and wider (40 feet) than all of the other lots on the block (typically 137.5 by 30 or 25 feet).

Further, the Project has incorporated all three modifications suggested by the Residential Design Guidelines to preserve the established mid-block open space. First, it leaves its existing third floor setback 14 feet from the rear of the first and second floors so that only two stories of height are present at the mid-block. Second, it provides a voluntary side setback along its western property line, roughly 3 feet along the second floor and 6 feet along the third floor. The ground floor extension and terrace are also set back 6 feet from the western property line. Finally, the footprint of the Project has been reduced, 3 feet at the ground floor, and 3.5 feet at the first and second floors, and 9 feet, 3 inches at the third floor (resulting in an above-ground maximum depth 2 feet shorter than the existing building).

As a result, the Project will not negatively impact the mid-block open space and is not “uncharacteristically deep or tall, depending on the context of other buildings that define the mid-block open space.”

#### Light and Air

With respect to light and air reaching rear yards, the Residential Design Guidelines recommend “[a]rticulat[ing] the building to minimize impacts on light and privacy to adjacent properties.” The Project does just that, as follows:

- The Project proposes a depth at the first floor that is at most 5 feet deeper than the rear façade of the first floor on the adjacent western half of the DR Requestor’s property. The depth of the Project’s first floor is almost identical to the rear façade of the DR Requestor’s first floor on the east half of that property. In addition, the Project proposes a 2-foot reduction in the existing depth of the first

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floor along the DR Requestor's property line. In short, the Project will improve the first floor depth vis a vis the DR Requestor's first floor.

- The Project proposes the second floor be extended roughly 13 feet to the same depth as the first floor. This is the only new horizontal space along the DR Requestor's property line.
- The Project proposes no extension of the existing third floor.

Burke and Phoebe have commissioned a shadow study of the Project. **The study concludes that the Project will only increase the total shadow on the adjacent two properties by 2.5% over the course of a year.** With respect to the DR Requestor's property, the only significant new shadow occurs during a roughly 1.5 hour period in the late afternoons starting in late spring and decreasing to a 1 hour period in mid-August, with the significant new shadow completely gone by mid-September. In fact, during this period of time between late spring and early fall, new light reaches the DR Requestor's deck due to the reduction of the first floor depth at the Property. In all, these are modest, reasonable impacts that are contemplated by the Residential Design Guidelines. The shadow study is attached as **Exhibit B**.

The Residential Design Guidelines confirm that "some reduction of light to neighboring buildings can be expected with a building expansion." As noted by the DR Requestor, the Guidelines recommend setting back upper floors of the building when "a proposed project will have a greater impact on neighboring buildings." While the Project is modest in scale, it already sets back its fourth floor by leaving it in its existing location. The first floor has been pulled back 2 feet from its existing location and the second floor meets it at the rear.

The Project also incorporates the Guidelines' recommendation to incorporate open railings on decks and stairs. The guardrails on the third floor and first floor balconies will be made of transparent glass.

Burke and Phoebe have agreed to a 2/3rds reduction in the total horizontal extensions proposed for the upper three floors. They have been flexible in crafting the Project in a way that is considerate of neighbors' access to light and air. The Project incorporates modifications to benefit neighbors' access to light and air, as recommended by the Residential Design Guidelines, which results in a modest design, considerate of its neighbors.

### Privacy

The Residential Design Guidelines expressly recognize that "some loss of privacy to existing neighboring buildings can be expected with a building expansion." In this case, the Project has virtually no impact on neighbors' privacy.

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- The east wall of the neighbor adjacent to the west has no windows, and therefore the windows created by the Project on the building's west side will not impact the west neighbor's privacy.
- As for the neighbor adjacent to the east (the DR Requestor's property), the Project will eliminate all existing windows along the building's east side except for two small, second floor windows near the front of the Property. Only two new windows are proposed on the upper two floors at the very rear of the building extension. The second floor window extends beyond the rear of the neighboring building, and the third floor window is located approximately where existing windows are located. Little to no impact on neighbors' privacy will be caused by the Project. To further minimize any privacy concerns, Burke and Phoebe would be happy to install plantings on the third story deck along the eastern property line.

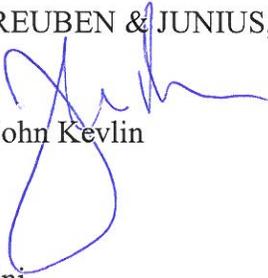
**D. Conclusion**

Burke and Phoebe are excited to modernize their home in a way that accommodates their growing family while being sensitive to the neighboring properties. The Project design has been significantly modified during the Planning Department's design review process. Burke and Phoebe have agreed to reduce the total rear extensions of the upper floors of the Project by 2/3rds. The Project has the support of the Planning Department, which has expressly recognized that the Project is consistent with the neighborhood character, the Planning Code and the Design Review Guidelines.

Burke and Phoebe have reached out to the DR Requestor in a good faith attempt to design the Project in a way that will assuage their concerns. Burke and Phoebe now ask the Planning Commission to confirm that the Project is reasonable and modest in nature, and does not rise to the threshold of "exceptional and extraordinary circumstances" that is required to approve the DR request. We respectfully request the Planning Commission to deny the discretionary review request and to allow the Project to move forward. Thank you for your consideration.

Very truly yours,

REUBEN & JUNIUS, LLP

  
John Kevlin

cc: Vice President Cindy Wu  
Commissioner Michael Antonini  
Commissioner Gwen Borden

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President Fong and Commissioners  
January 15, 2014  
Page 8

Commissioner Rich Hillis  
Commissioner Kathrin Moore  
Commissioner Hisashi Sugaya  
Jonas Ionan - Commission Secretary  
Sharon Lai – Neighborhood Planner  
Burke Norton and Phoebe White – Project Sponsor  
Lewis Butler – Project Architect

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WALL LEGEND	
	EXISTING WALL TO BE REMOVED
	EXISTING WALL
	NEW WALL



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 e architects@butlerarmsden.com  
 www.butlerarmsden.com

**2430 VALLEJO**  
 2430 VALLEJO STREET, SAN FRANCISCO, CA 94123

**PLANNING PERMIT**

revisions	by:
 08/08/2013	

job#:	1225
date:	04/10/2013
drawn:	MM
checked:	GF
scale:	AS NOTED

EXISTING BLOCK MAP

**A0.6**

GREEN STREET

PIERCE STREET

STEINER STREET

VALLEJO STREET

2430 VALLEJO

EXTENSION PER S.F. PLANNING  
 CODE SEC. 136 (25)(B)(1)  
 OUTLINE OF EXTENSION  
 @ GARAGE LEVEL

SUBJECT  
 PROPERTY

MIN. 25% LOT AREA  
 REAR YARD SETBACK

45% REAR YARD SETBACK

45% REAR YARD SETBACK

25% REAR YARD SETBACK

25% REAR YARD SETBACK

MIN. 25% LOT AREA  
 REAR YARD SETBACK

45% REAR YARD SETBACK

REAR YARD SETBACK

3'-0"

3'-0"

3'-0"

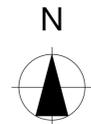
3'-0"

3'-0"

45% REAR YARD SETBACK

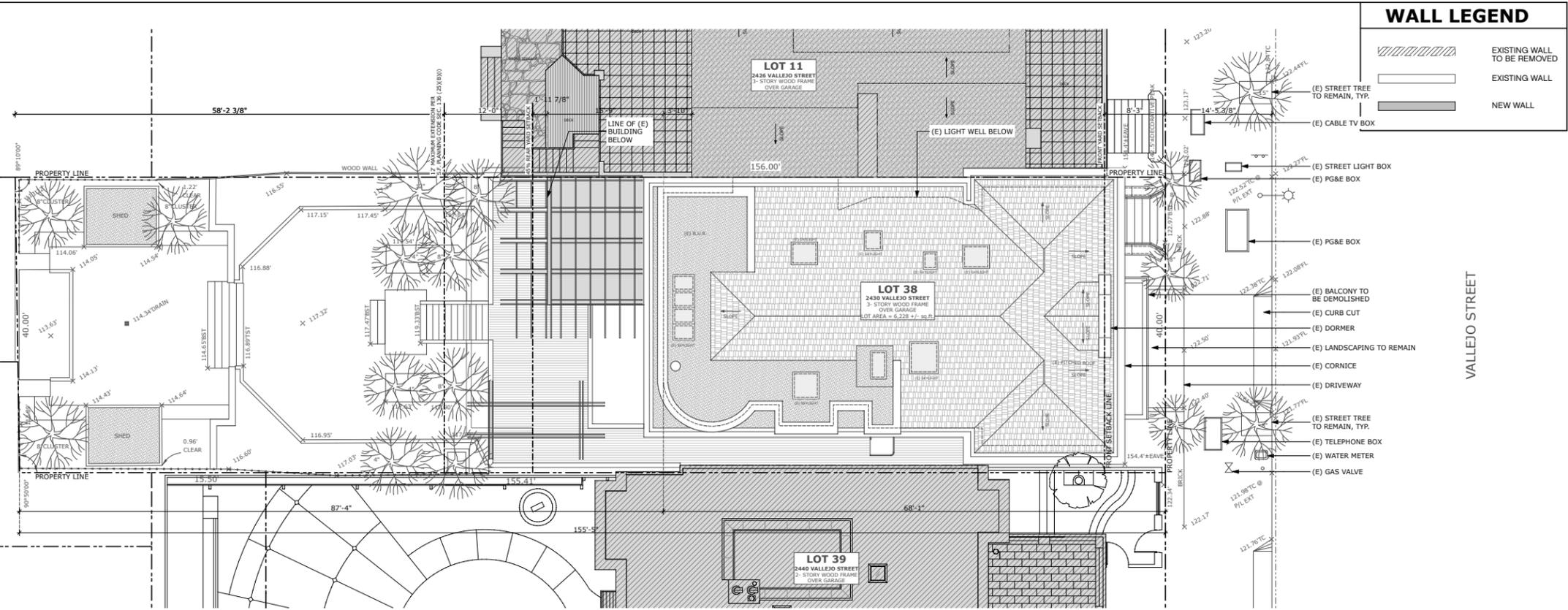
MIN. 25% LOT AREA  
 REAR YARD SETBACK

**1** DIAGRAM OF MID-BLOCK OPEN SPACE  
 SCALE: 1/16" = 1'-0"

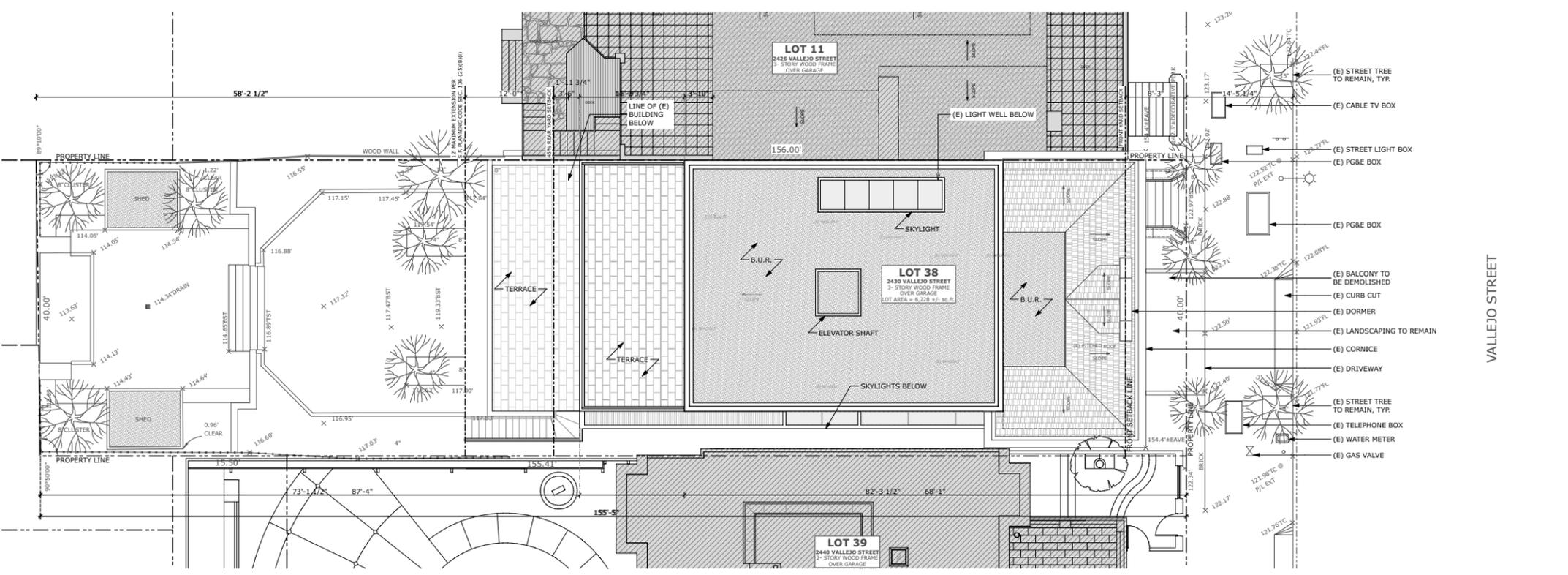


**WALL LEGEND**

-  EXISTING WALL TO BE REMOVED
-  EXISTING WALL
-  NEW WALL



**1 EXISTING SITE PLAN**  
SCALE: 1/8" = 1'-0"



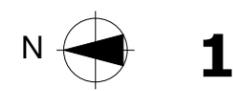
**2 PROPOSED SITE PLAN**  
SCALE: 1/8" = 1'-0"

**311 NOTIFICATION**

revisions	by:

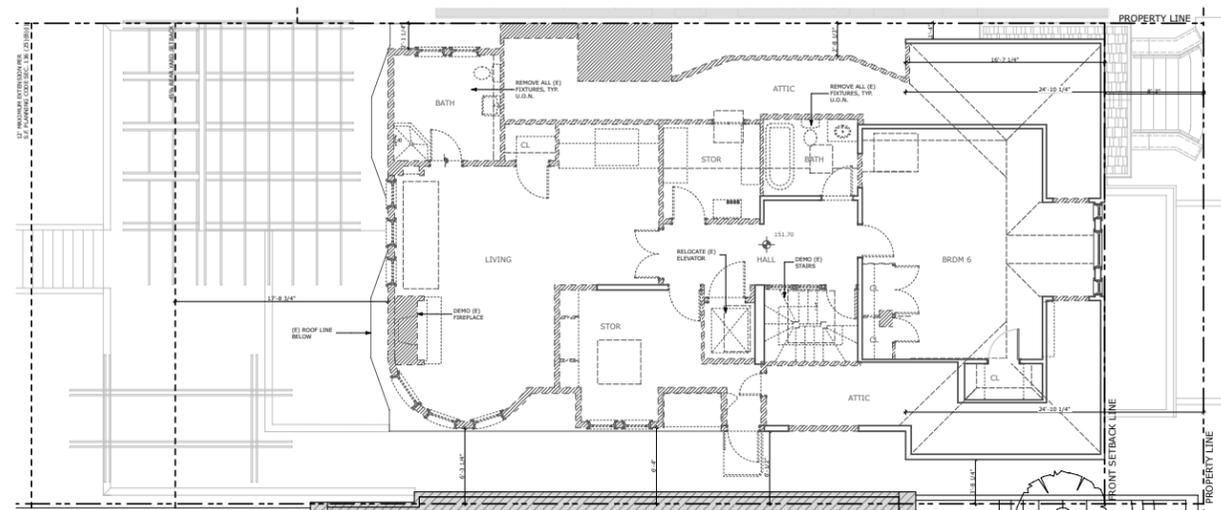
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drawn:	MM
checked:	GF
scale:	NOT TO SCALE

**SITE PLANS**

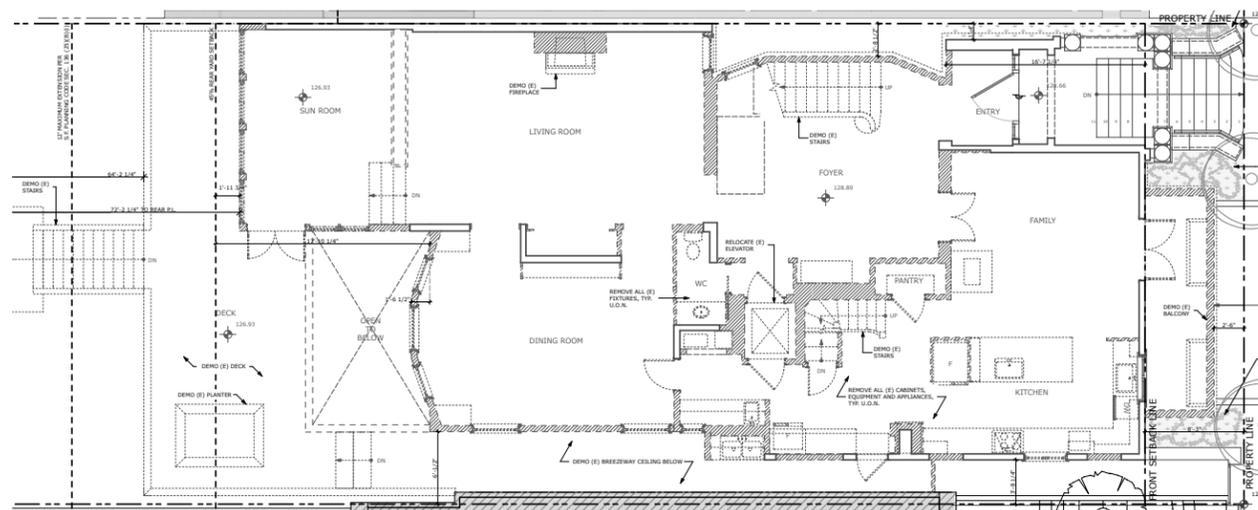


**WALL LEGEND**

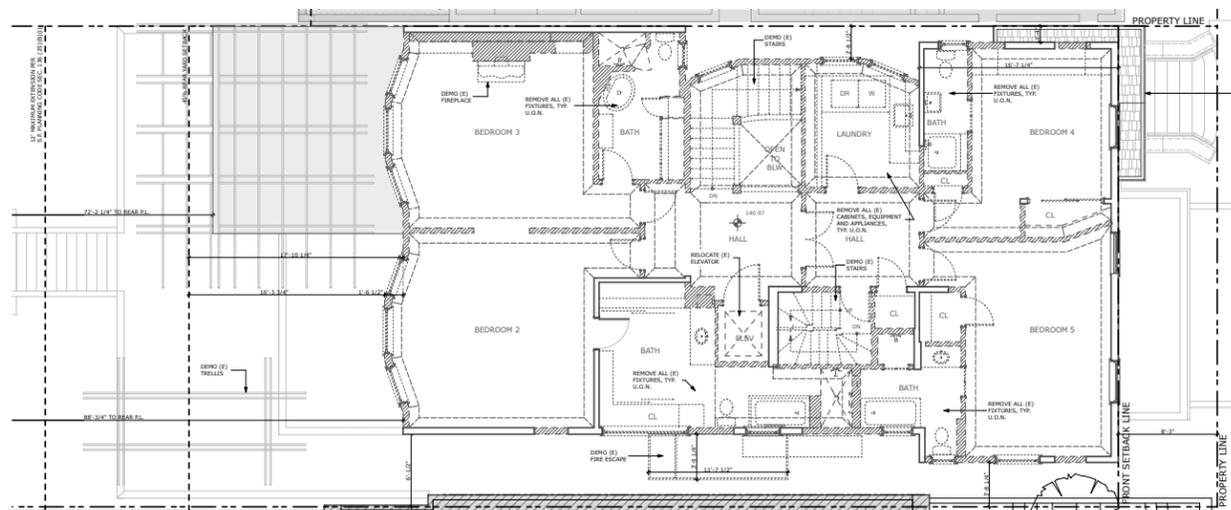
-  EXISTING WALL TO BE REMOVED
-  EXISTING WALL
-  NEW WALL



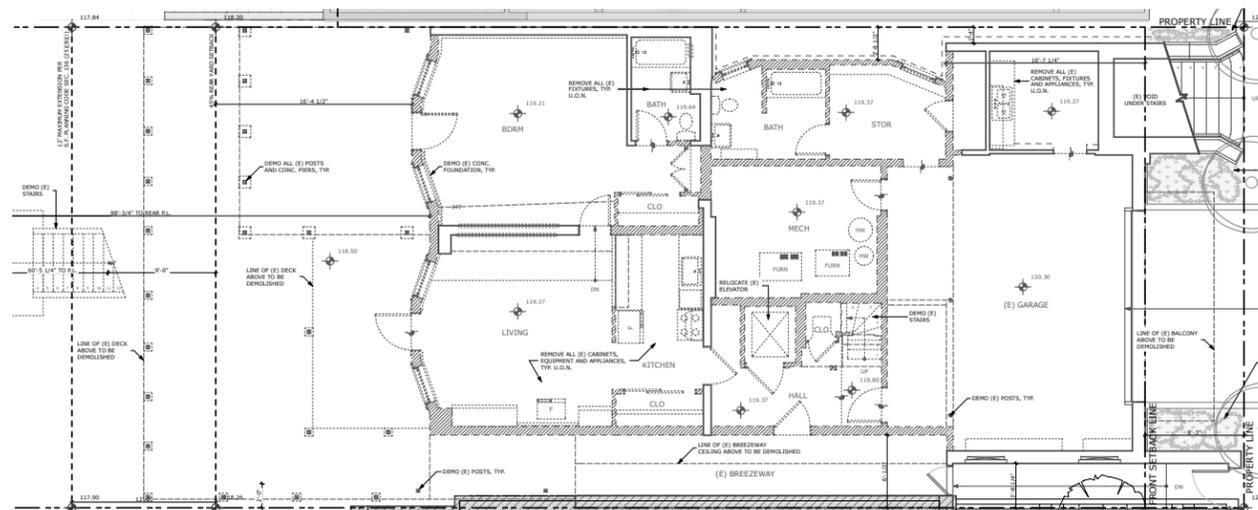
**4** EXISTING THIRD FLOOR FLOOR  
NOT TO SCALE



**2** EXISTING FIRST FLOOR PLAN  
NOT TO SCALE



**3** EXISTING SECOND FLOOR  
NOT TO SCALE



**1** EXISTING GROUND LEVEL  
NOT TO SCALE

**311 NOTIFICATION**

revisions by:

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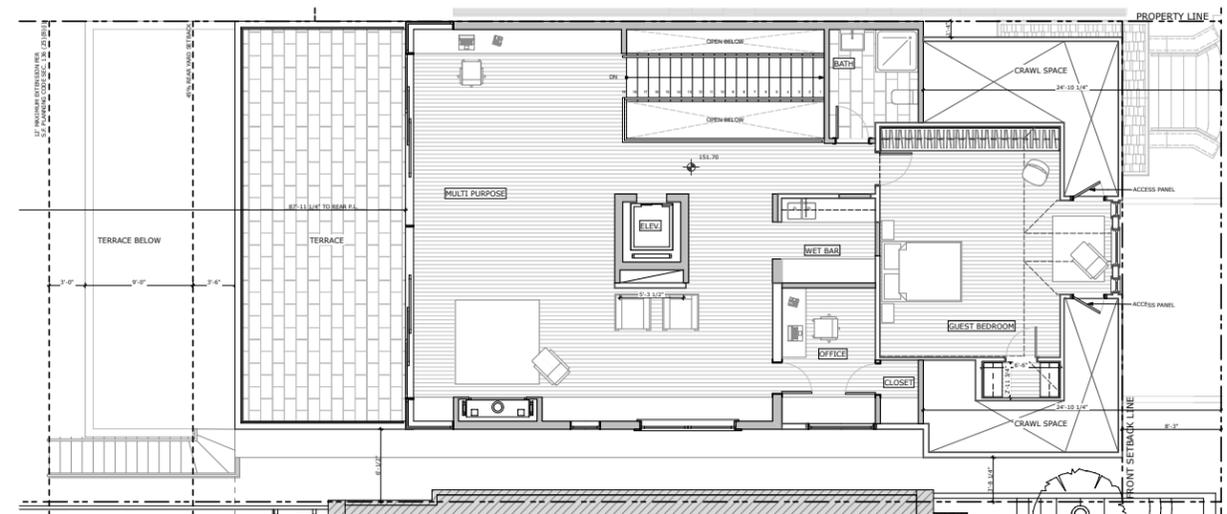
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scale:	AS NOTED

EXISTING PLANS

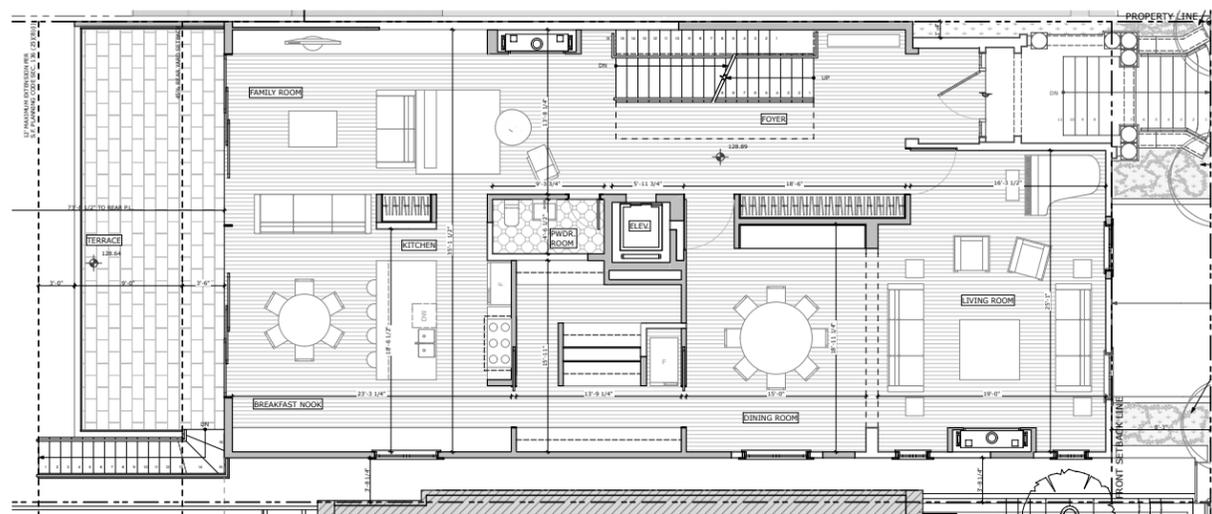


**WALL LEGEND**

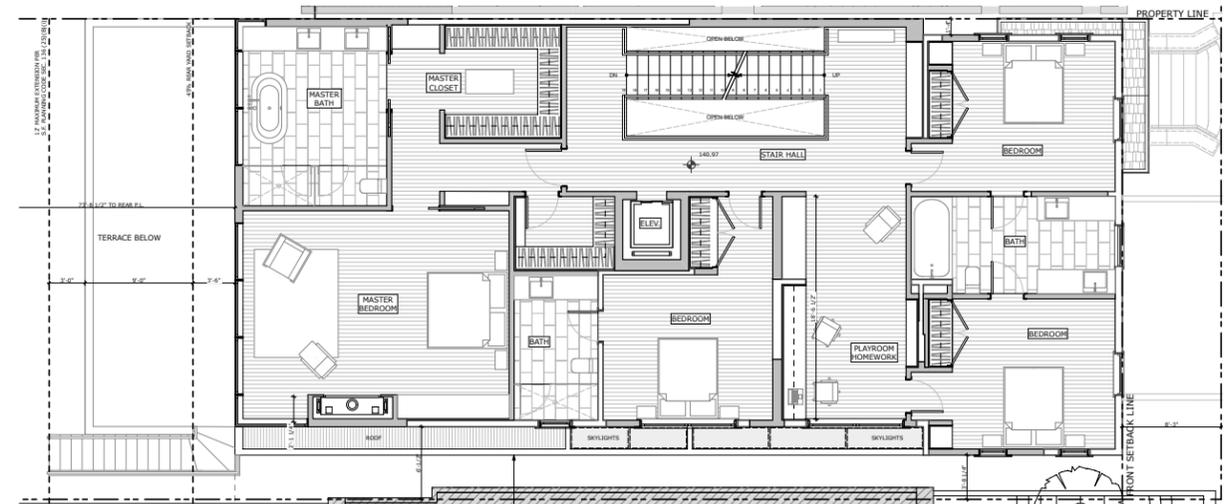
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-  EXISTING WALL
-  NEW WALL



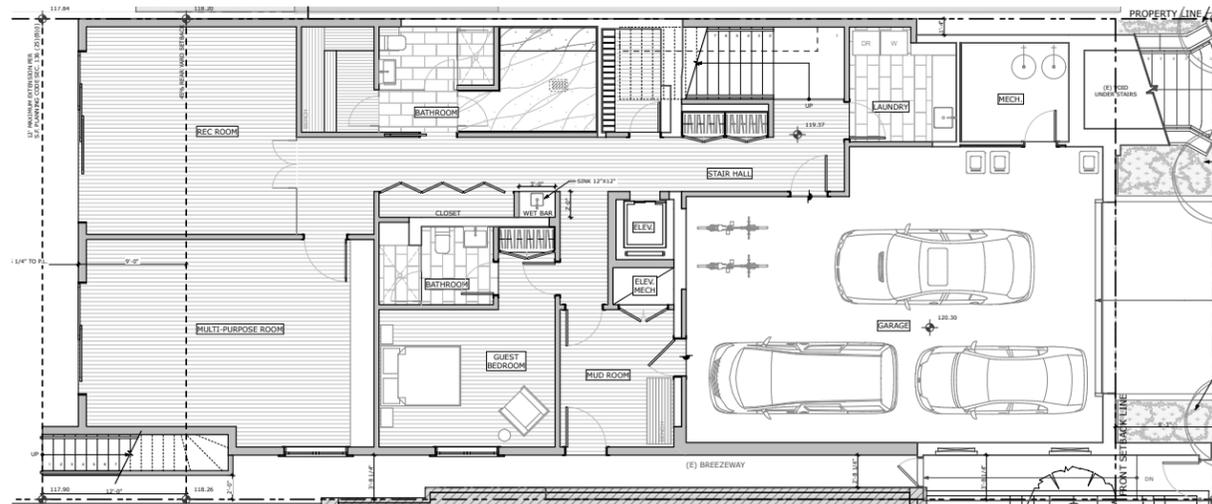
**4 PROPOSED FLOOR PLANS**  
SCALE: 1:80.80



**2 PROPOSED FIRST FLOOR PLAN**  
SCALE: 1:80.80



**3 PROPOSED SECOND FLOOR PLAN**  
SCALE: 1:80.80



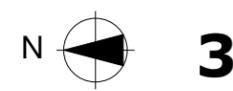
**1 PROPOSED GROUND FLOOR PLAN**  
SCALE: 1:80.80

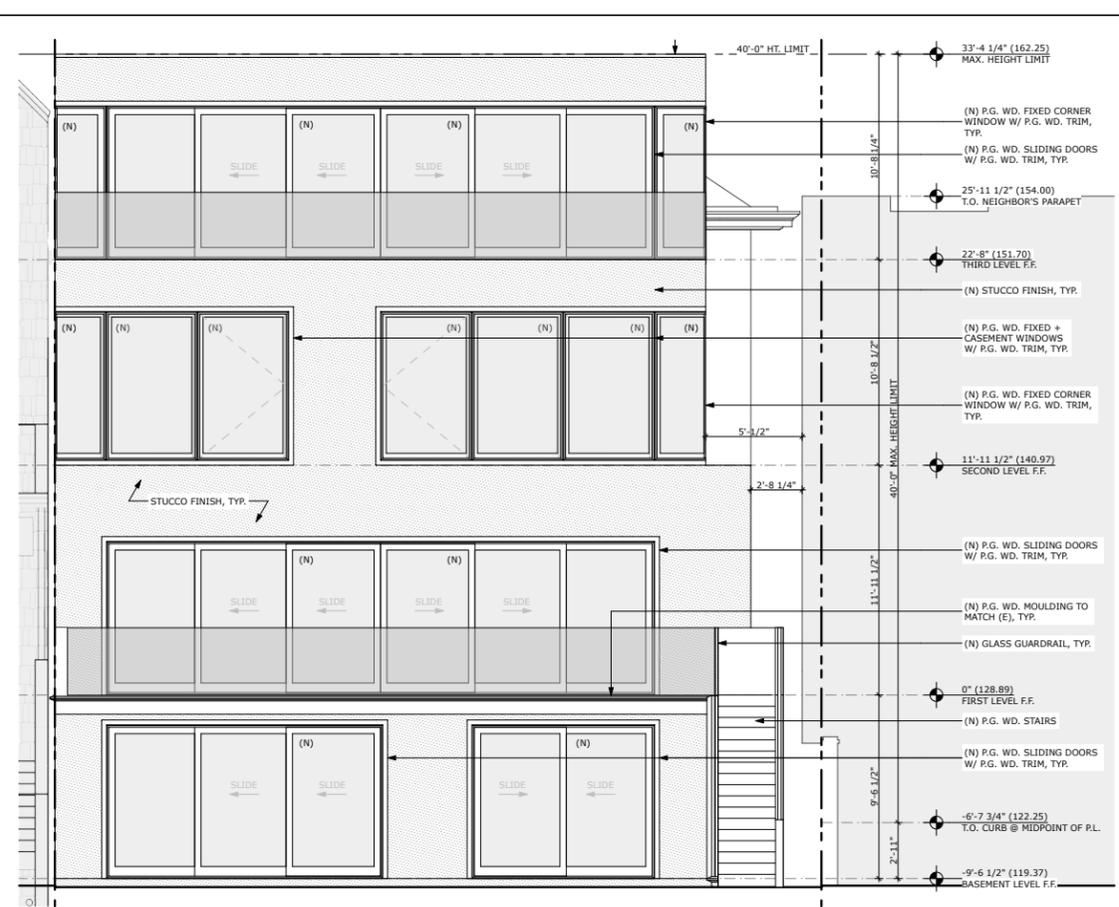
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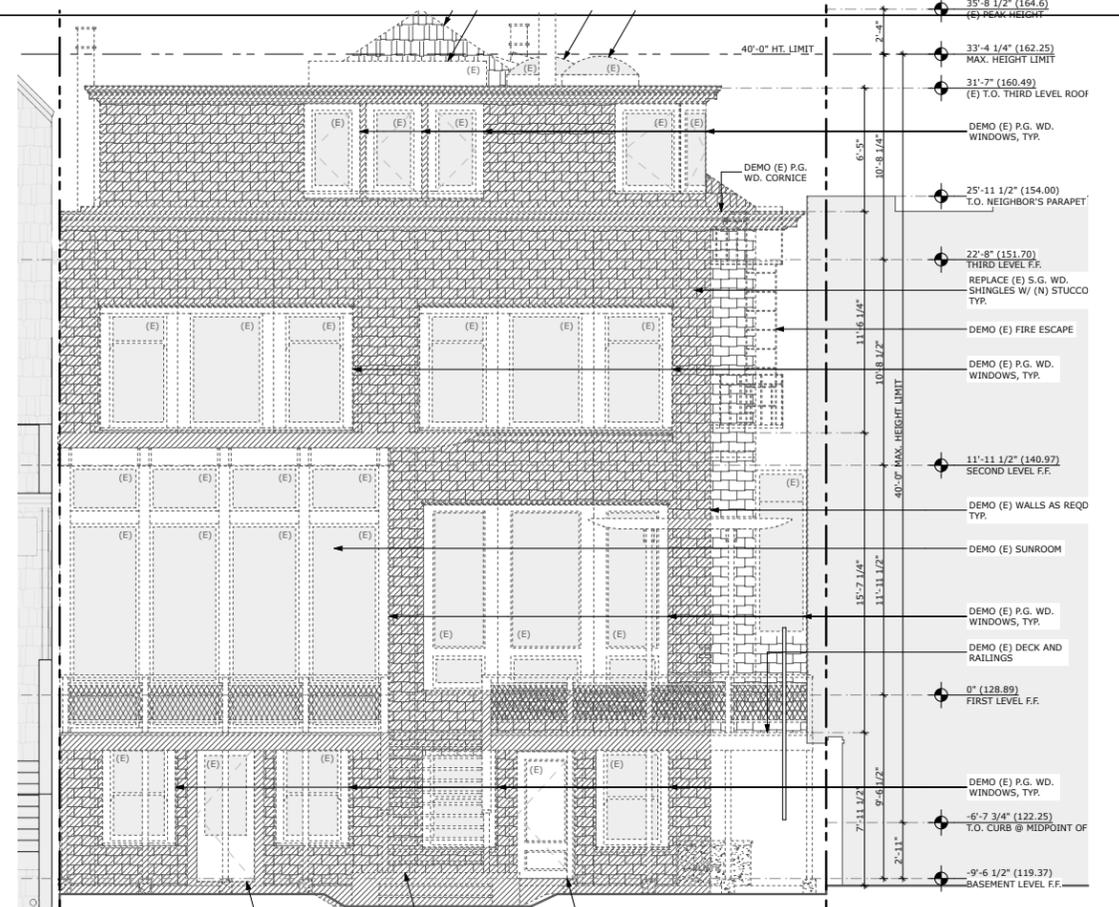
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PROPOSED  
FLOOR PLANS

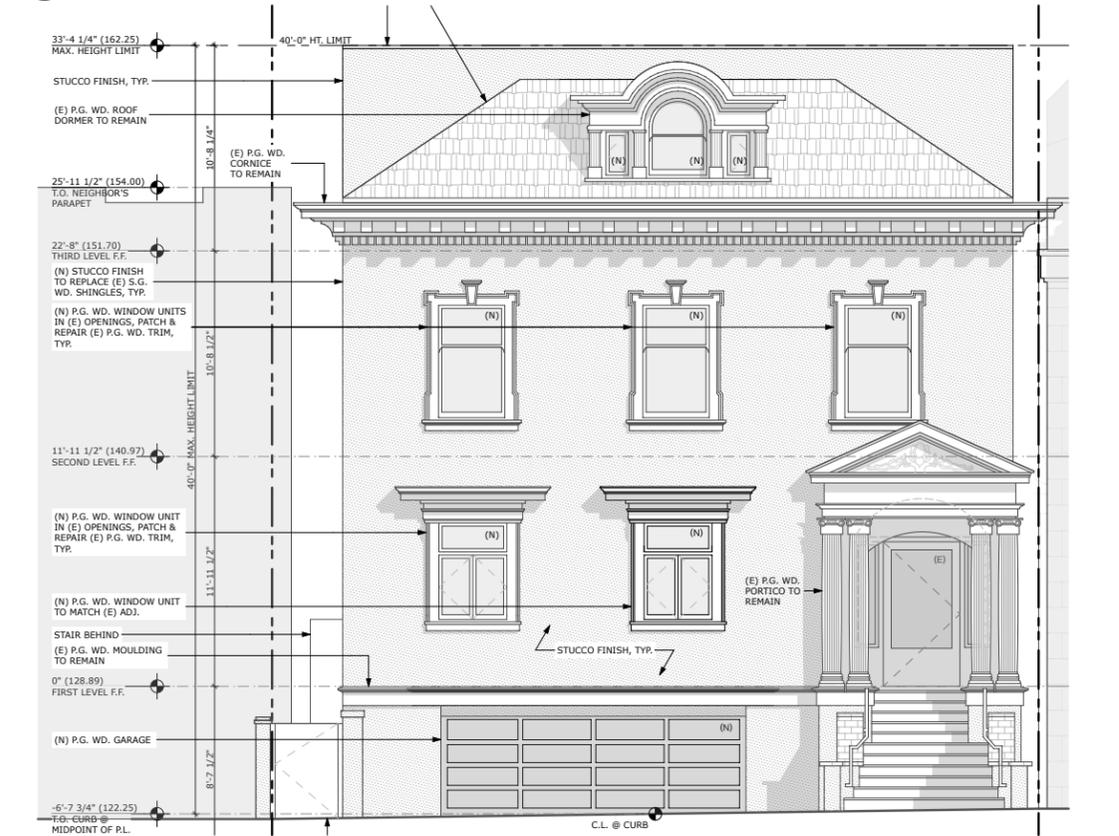




**4** PROPOSED NORTH ELEVATION  
NOT TO SCALE



**2** EXISTING NORTH ELEVATION  
NOT TO SCALE



**3** PROPOSED SOUTH ELEVATION  
NOT TO SCALE



**1** EXISTING SOUTH ELEVATION  
NOT TO SCALE

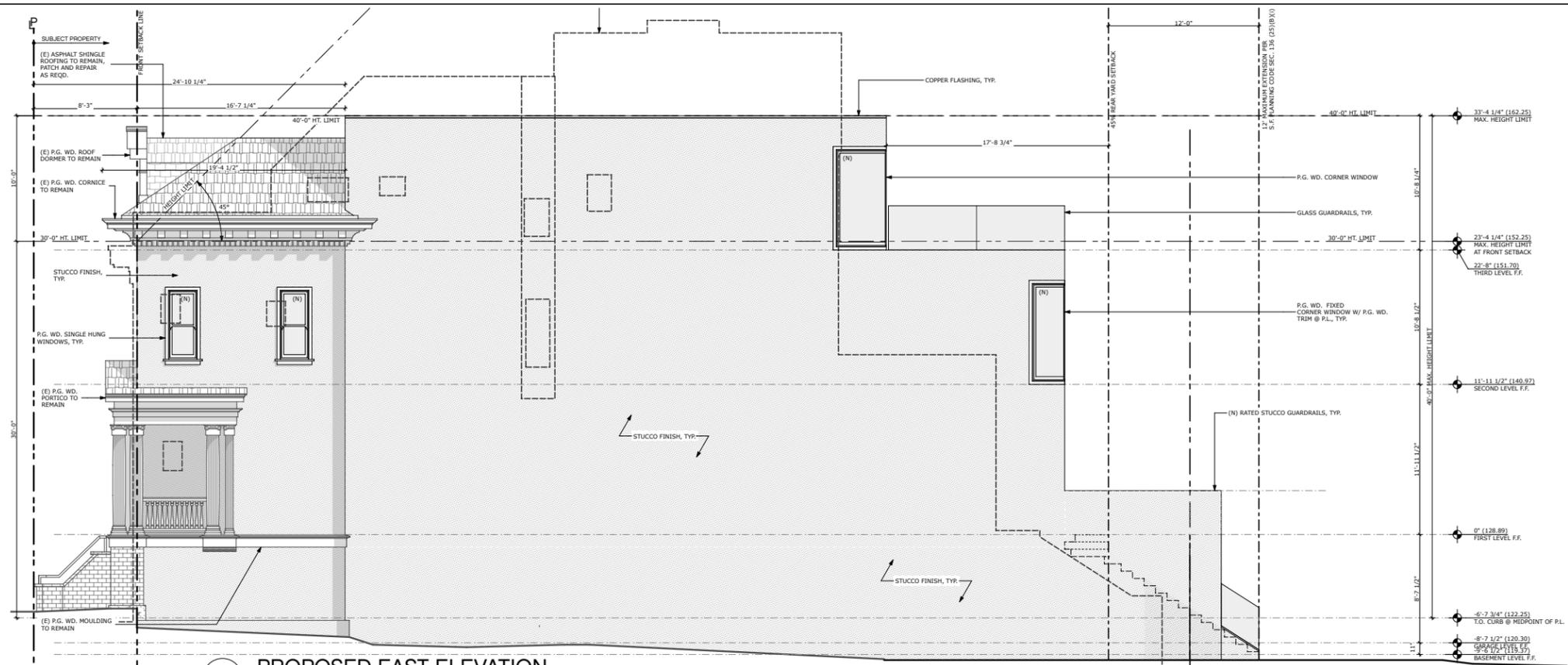
**311 NOTIFICATION**

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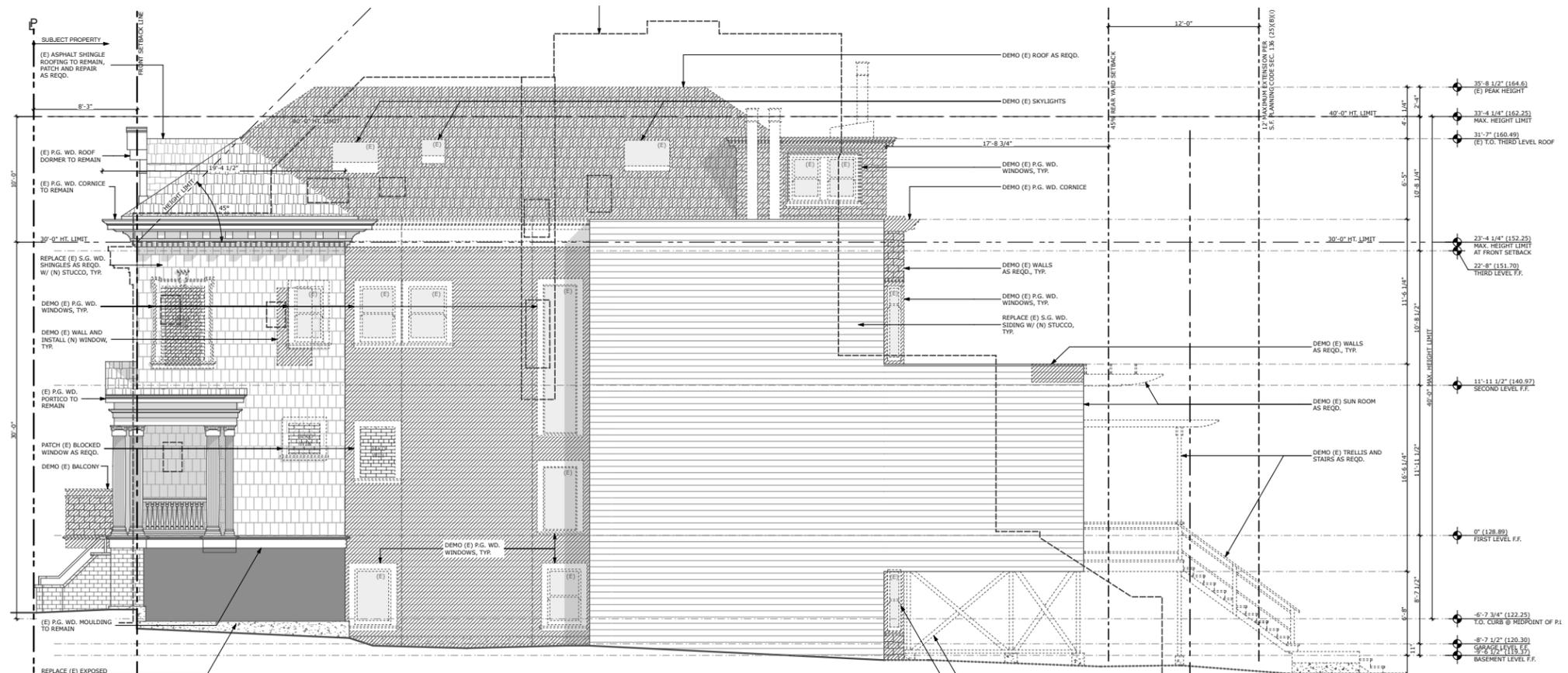
job#:	1225
date:	11/18/2013
drawn:	MM
checked:	GF
scale:	AS NOTED

**FRONT & REAR ELEVATIONS**





**2** PROPOSED EAST ELEVATION  
SCALE: 1" = 5'



**1** EXISTING EAST ELEVATION  
SCALE: 1" = 5'

**311 NOTIFICATION**

revisions	by:

job#:	1225
date:	11/18/2013
drawn:	MM
checked:	GF
scale:	AS NOTED

EAST EXISTING  
& PROPOSED  
ELEVATIONS

# Shadow Analysis Report

Review of shading generated by the proposed  
renovation and expansion of 2430 Vallejo Street

January 13, 2014 **Date**

Burke Norton & Phoebe White **Client**  
2430 Vallejo Street  
San Francisco, CA 94123

Adam Phillips, Principal **Preparer**  
PreVision Design  
149 9<sup>th</sup> Street, Suite 402  
San Francisco, CA 94103

## 2430 Vallejo Shadow Analysis Findings

The proposed renovation of 2430 Vallejo changes the exterior envelope of the existing building which results in the addition of some new shadows falling on existing properties as well as some previously shaded areas receiving new sunlight.

The analysis conducted followed established methodologies for shadow analysis established under section 295 of the San Francisco Planning Code, though it should be noted that the protections under that section do not apply to new shading cast upon properties under private ownership.

A shadow modeling study was completed by PreVision Design using a 3D computer model of the project and the surrounding properties to simulate and calculate levels of shading. The model calculated both existing and proposed amounts of shading on the open spaces (decks and rear yards) on the two adjacent properties at 2440 & 2426 Vallejo Street, from one hour after sunrise to one hour before sunset. Between these times, analyses were performed at 15-minute intervals, every 7 days, between the summer and winter solstices'. The data taken from these 27 sample dates was then extrapolated to calculate the full-year shading. The difference between the current level of shading and the level of shading that would be present due to the proposed renovation yielded the total annual increase in square-foot-hours of shade.

The analysis found that the open areas are currently shaded 50.1% of the year, and that total cumulative amount of shading will increase due to the project.

This increase in shading has been represented in two ways:

1. Taken as a percentage of total theoretical square-foot-hours of available sunlight (TAAS) on the affected areas. This method indicated that the project would result in an increase of **1.27%** of the TAAS. This is the method of measurement typically used by the San Francisco Planning Department.
2. The analysis also looked at the percentage change in shading *as compared to the current level of shading*. This measurement resulted in a relative increase in shading by **2.5%**.

The full analysis report detailing all the quantitative measurements are included in this report.

Shadow diagrams were also generated to graphically show the shadows cast by the existing built conditions as compared the conditions after the project. Diagrams were generated on an hour basis starting one hour after sunrise until one hour before sunset on the following days: Summer Solstice, Vernal/Autumnal Equinoxes, Winter Solstice and the day of maximum quantitative shading impact (August 2<sup>nd</sup> for this project). The area of focus for this project was the adjoining properties at 2440 & 2426 Vallejo Street, so these areas were enlarged to show greater detail with a reference map of the entire midblock area above.

The diagrams show that various times throughout the day and throughout the year there are typically areas of both new shadows and new sunlight, though cumulatively there is more new shading.

It should be noted that certain features that do result in shading were not considered as part of this report, such as trees/vegetation or wood fences which are considered by the city to be "impermanent" features and therefore are not typically included in shading analyses. That said, the shadows cast by these features do contribute to the experience of shading and will typically serve to lessen the impact and quantity of the new shadows contributed by the proposed renovation.

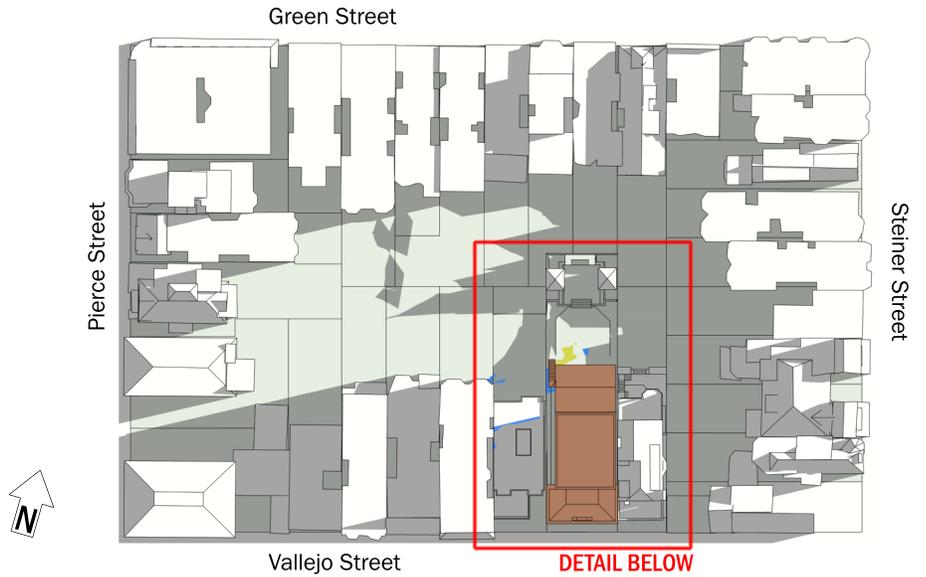
I hope this analysis helps clarify the impact of the proposed renovation with respect to shading, please don't hesitate to contact me with any questions or if clarifications are needed.

Adam Phillips

# **SHADOW DIAGRAMS FOR SUMMER SOLSTICE**

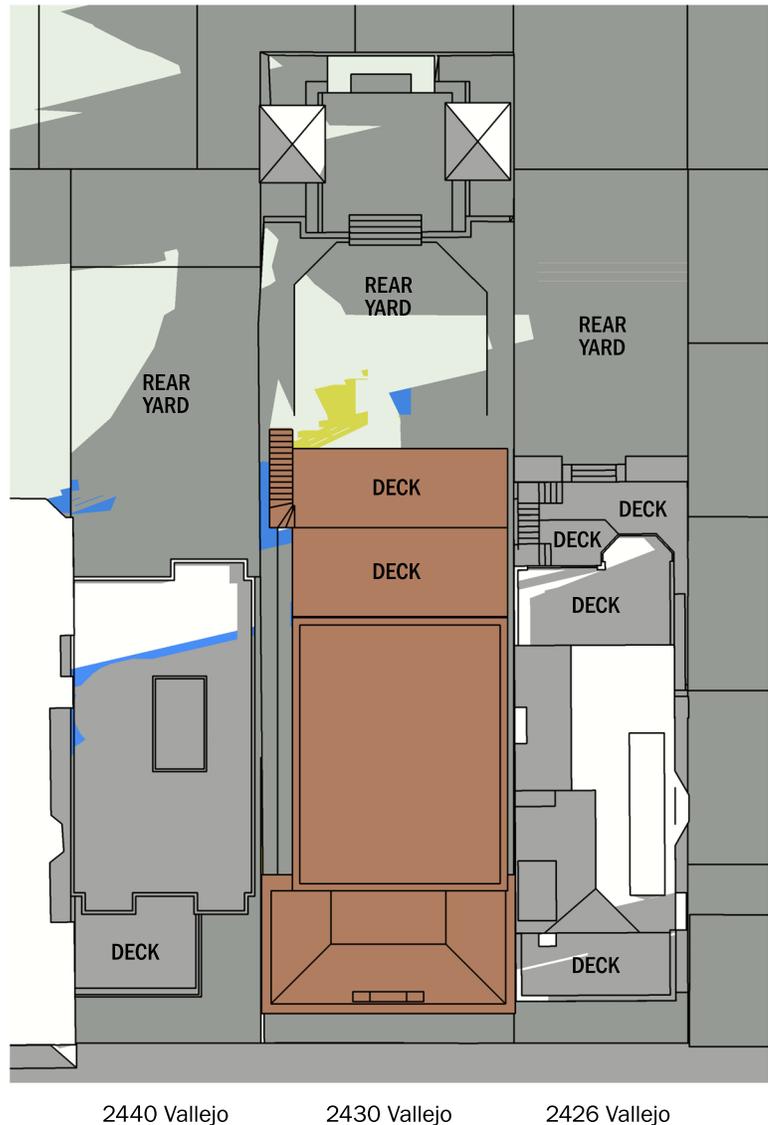
**June 21<sup>st</sup>**

**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



**6:48am**

**SUMMER SOLSTACE  
JUNE 21ST**



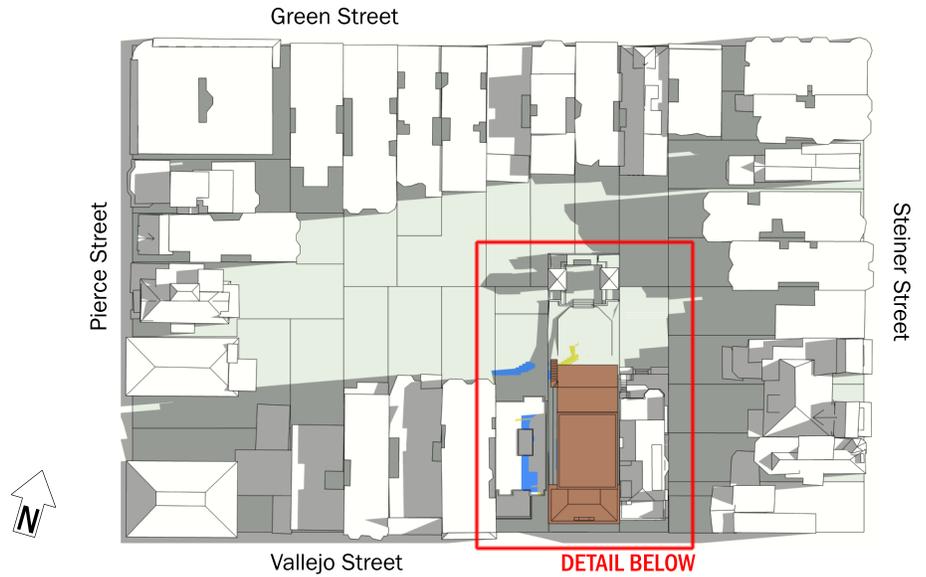
- 2430 VALLEJO (RENOVATION SHOWN)
- NEW SUNLIGHT DUE TO RENOVATION
- NEW SHADOWS DUE TO RENOVATION
- EXISTING SHADOWS (NO CHANGE)

2440 Vallejo

2430 Vallejo

2426 Vallejo

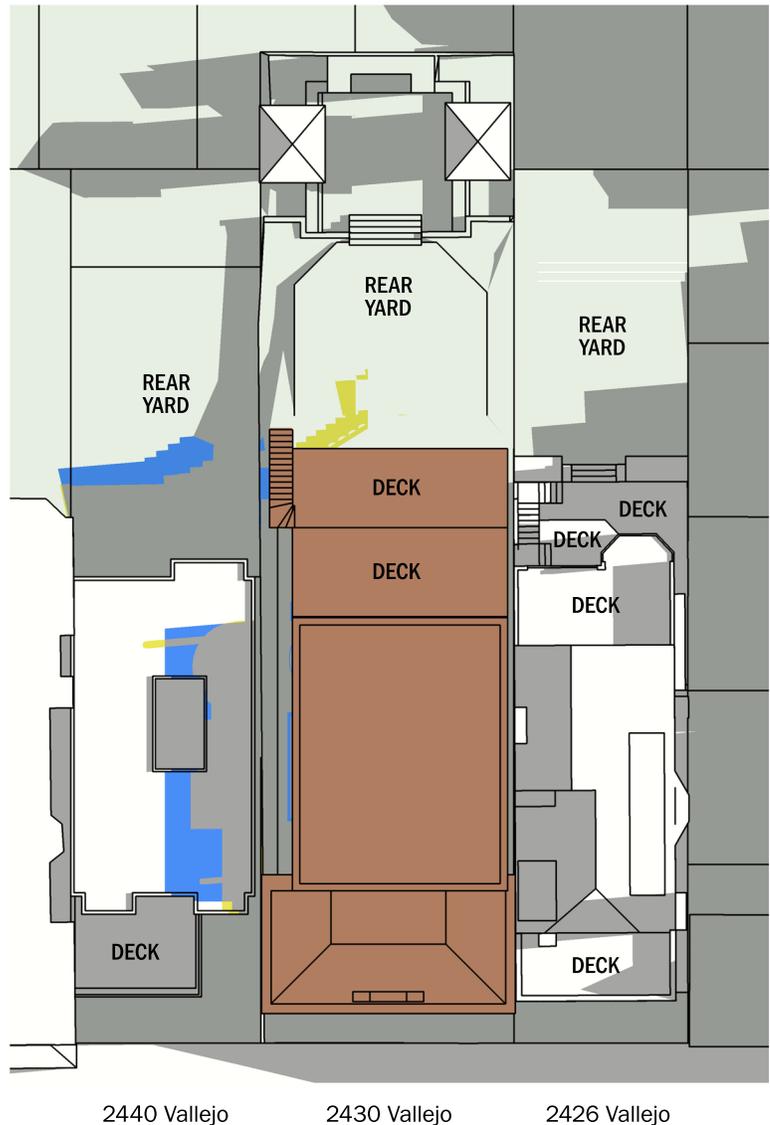
SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET



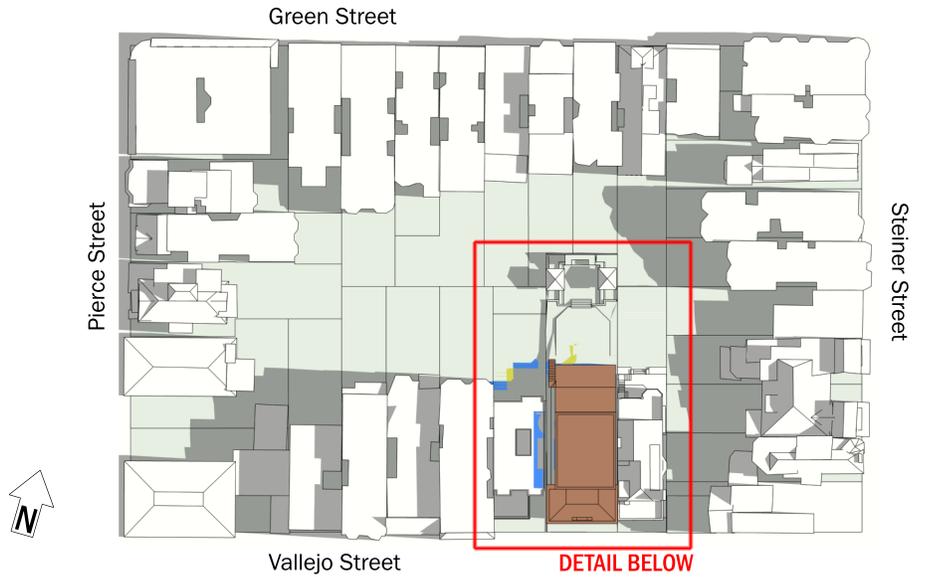
7:48am

SUMMER SOLSTACE  
JUNE 21ST

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

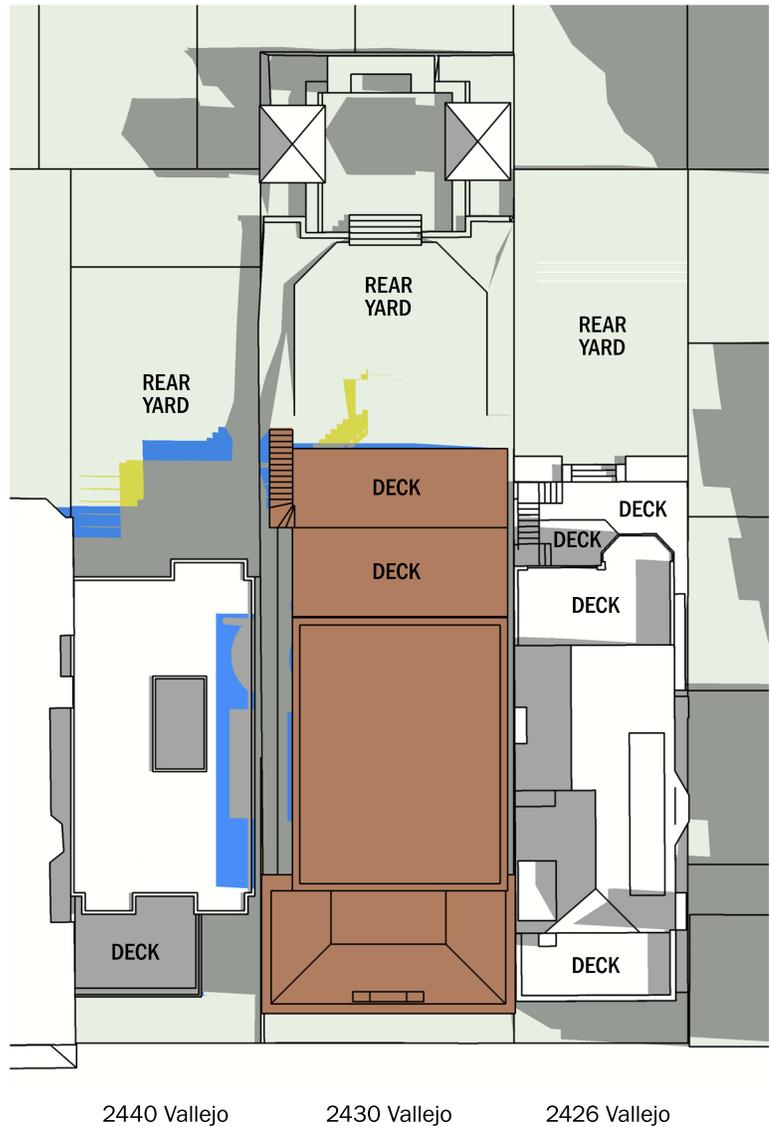


**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



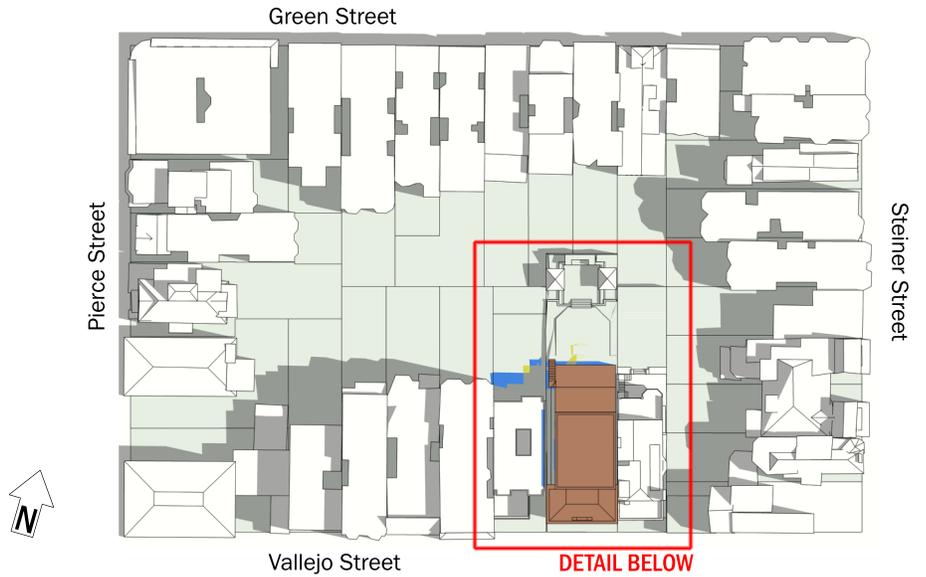
**8:48am**

**SUMMER SOLSTACE  
JUNE 21ST**



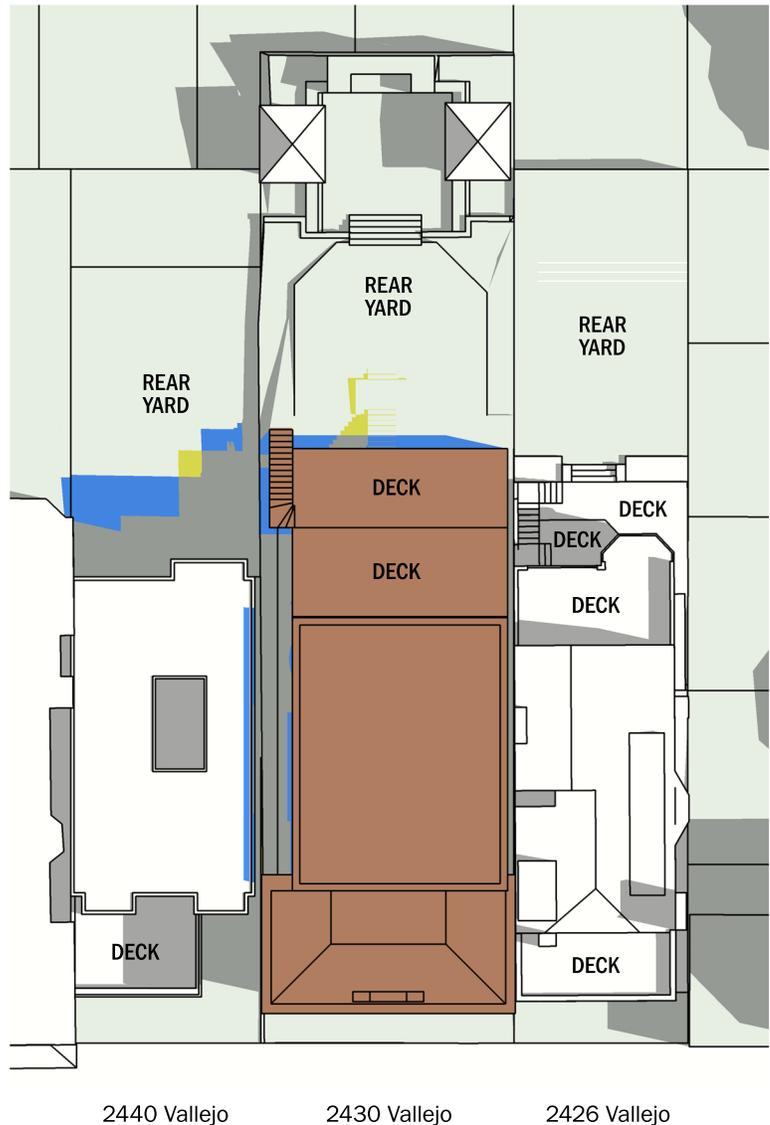
- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

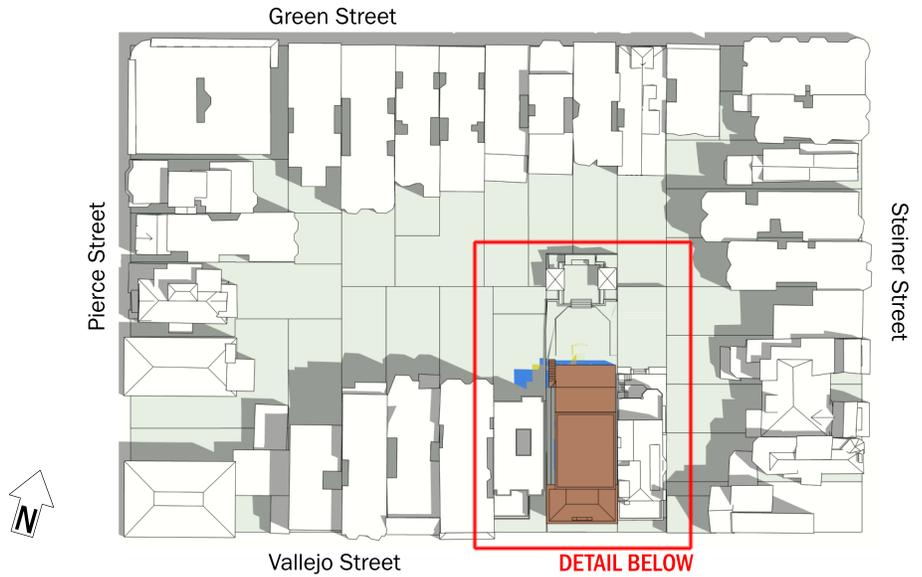


**9:48am**  
SUMMER SOLSTACE  
JUNE 21ST

- 2430 VALLEJO (RENOVATION SHOWN)
- NEW SUNLIGHT DUE TO RENOVATION
- NEW SHADOWS DUE TO RENOVATION
- EXISTING SHADOWS (NO CHANGE)



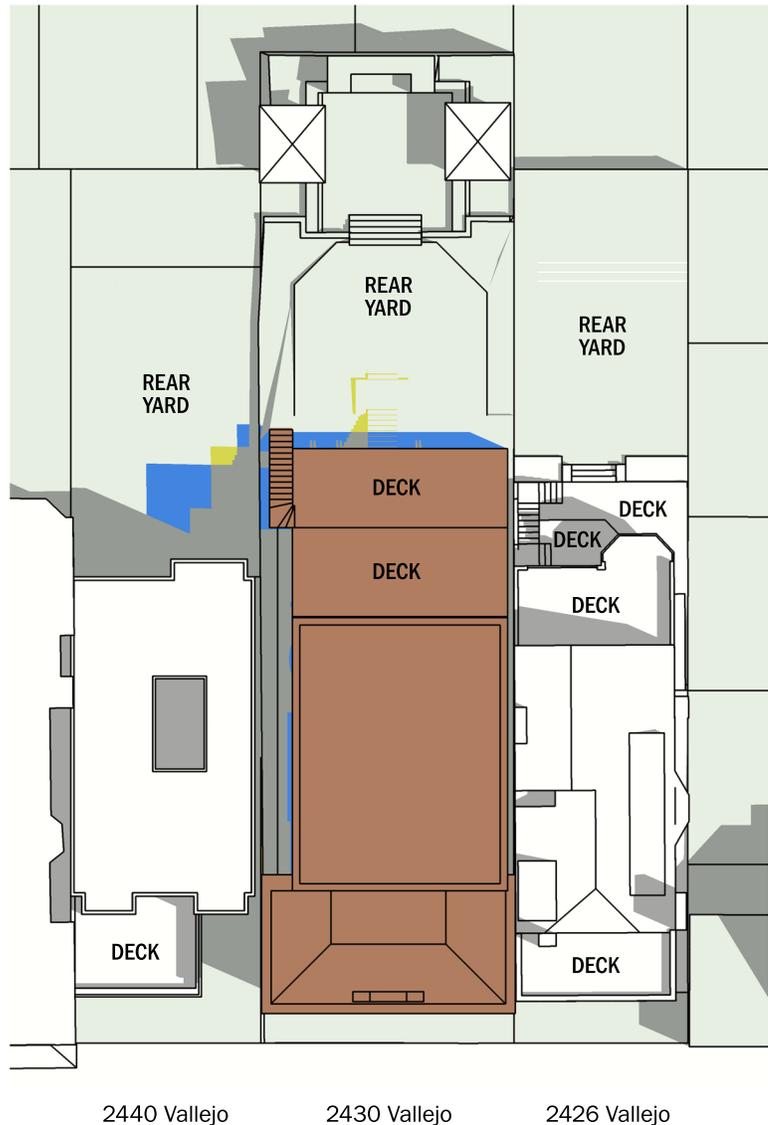
SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET



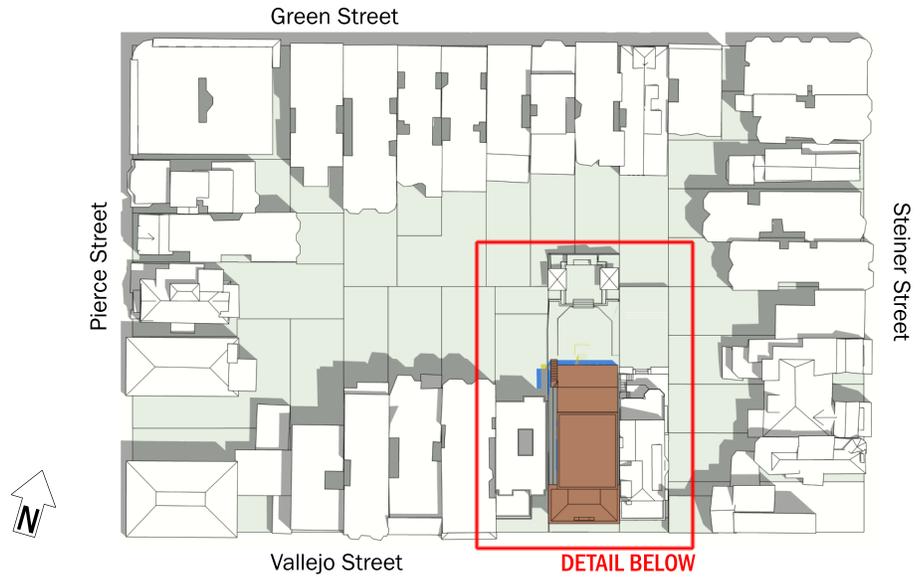
10:48am

SUMMER SOLSTACE  
JUNE 21ST

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

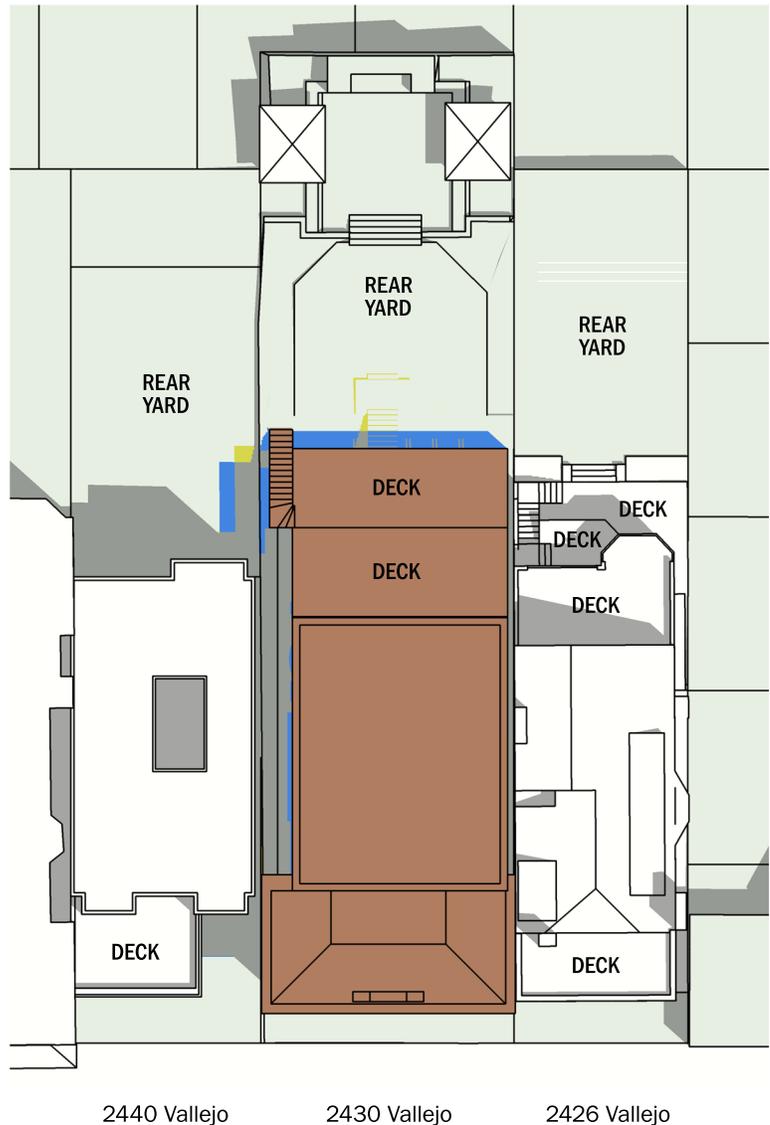


**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



**11:48am**

**SUMMER SOLSTACE  
JUNE 21ST**



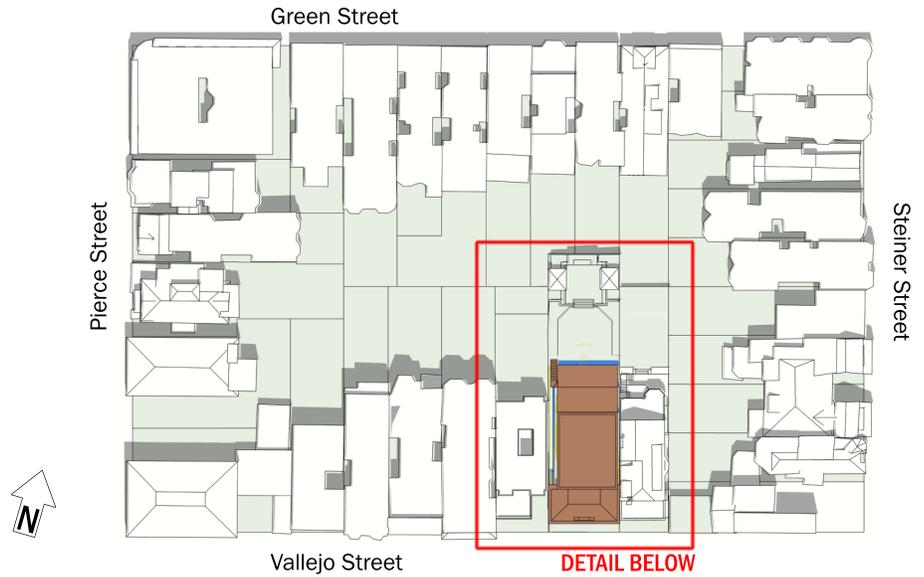
- 2430 VALLEJO (RENOVATION SHOWN)
- NEW SUNLIGHT DUE TO RENOVATION
- NEW SHADOWS DUE TO RENOVATION
- EXISTING SHADOWS (NO CHANGE)

2440 Vallejo

2430 Vallejo

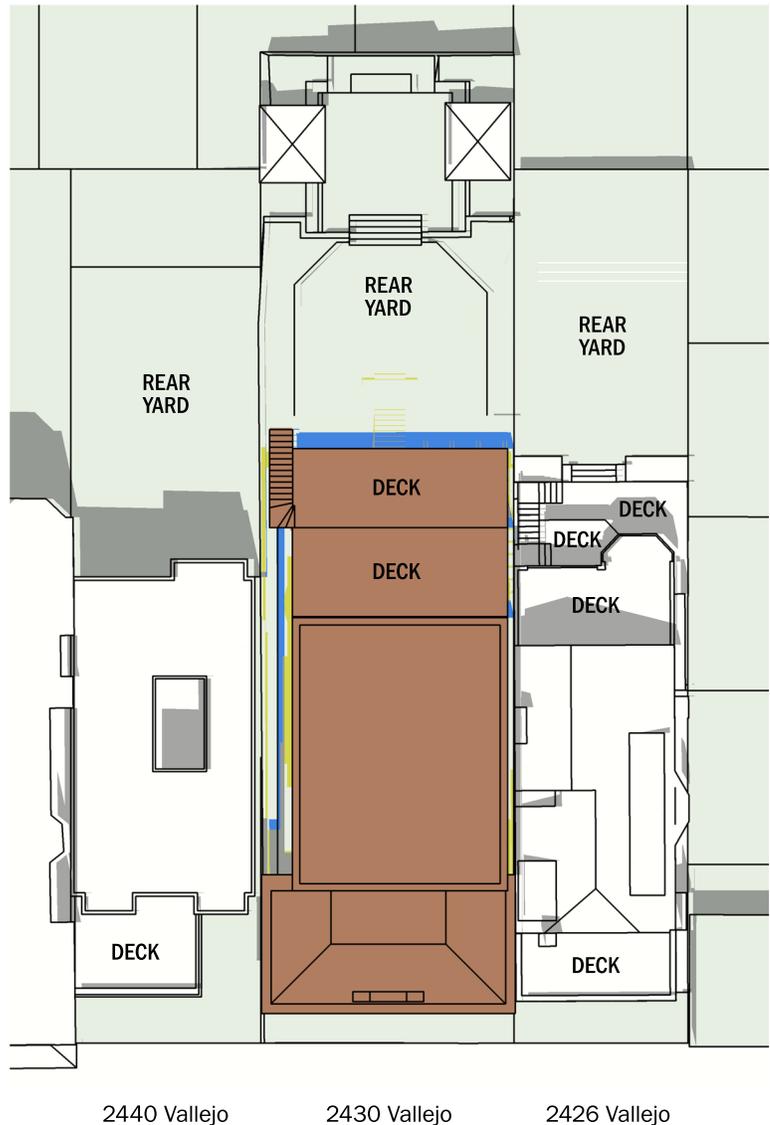
2426 Vallejo

**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

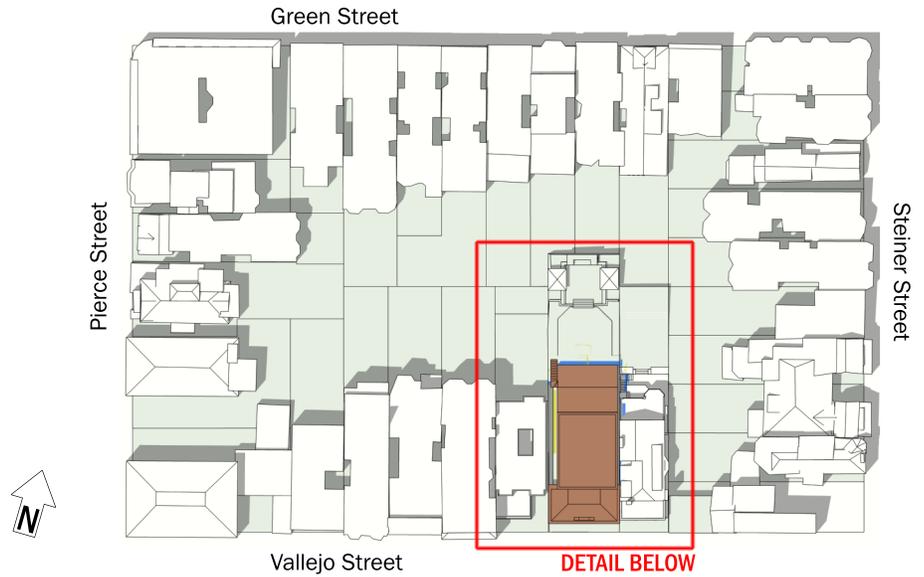


**12:48pm**  
SUMMER SOLSTACE  
JUNE 21ST

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

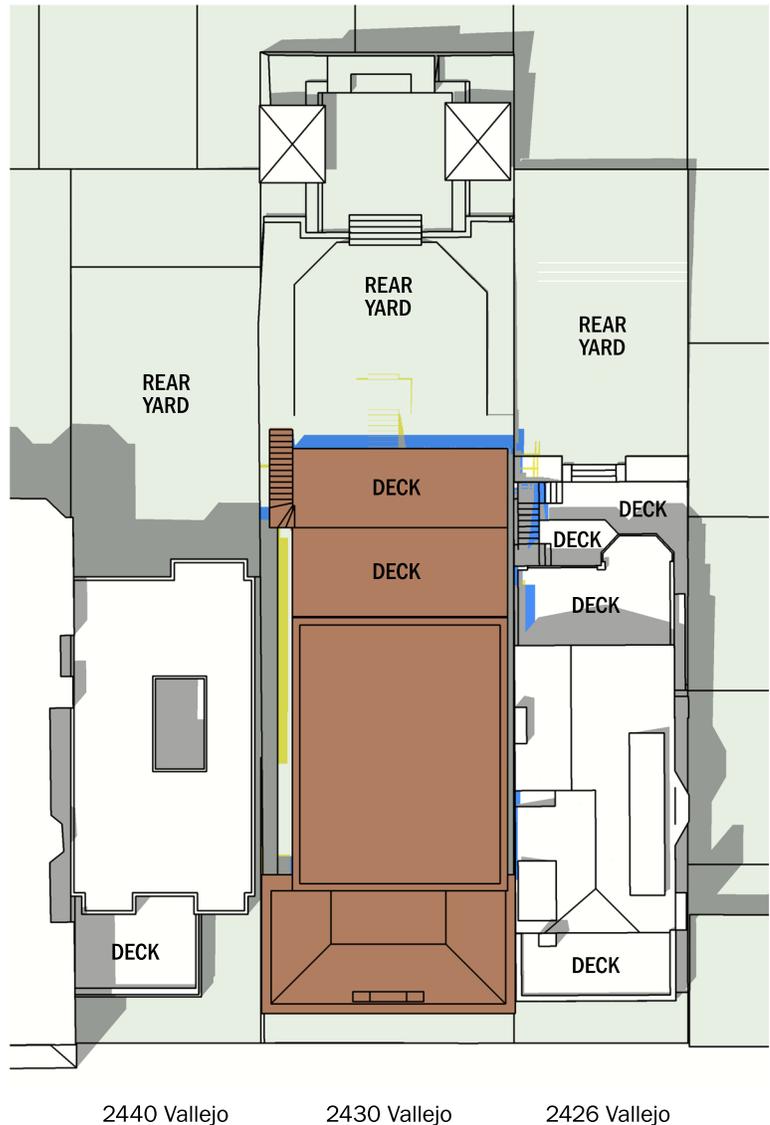


SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET

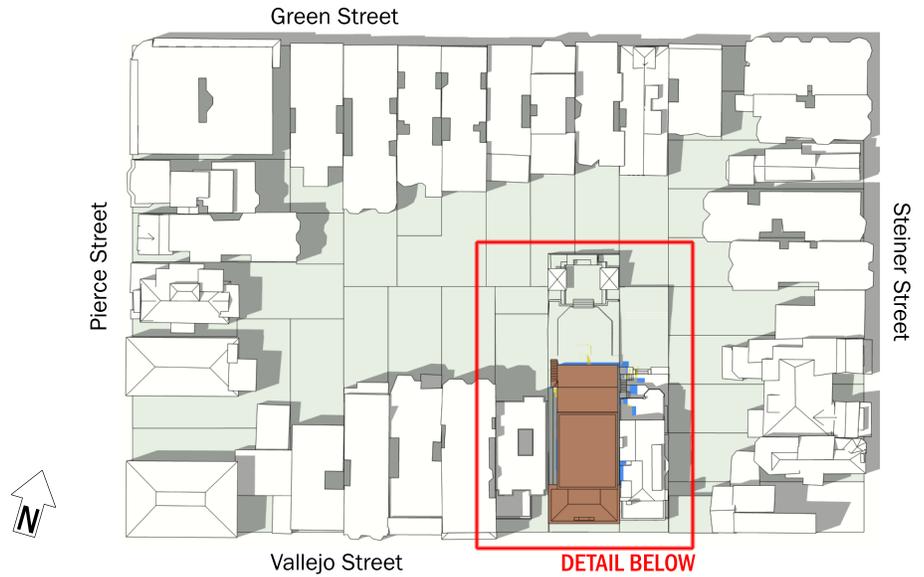


**1:48pm**  
SUMMER SOLSTACE  
JUNE 21ST

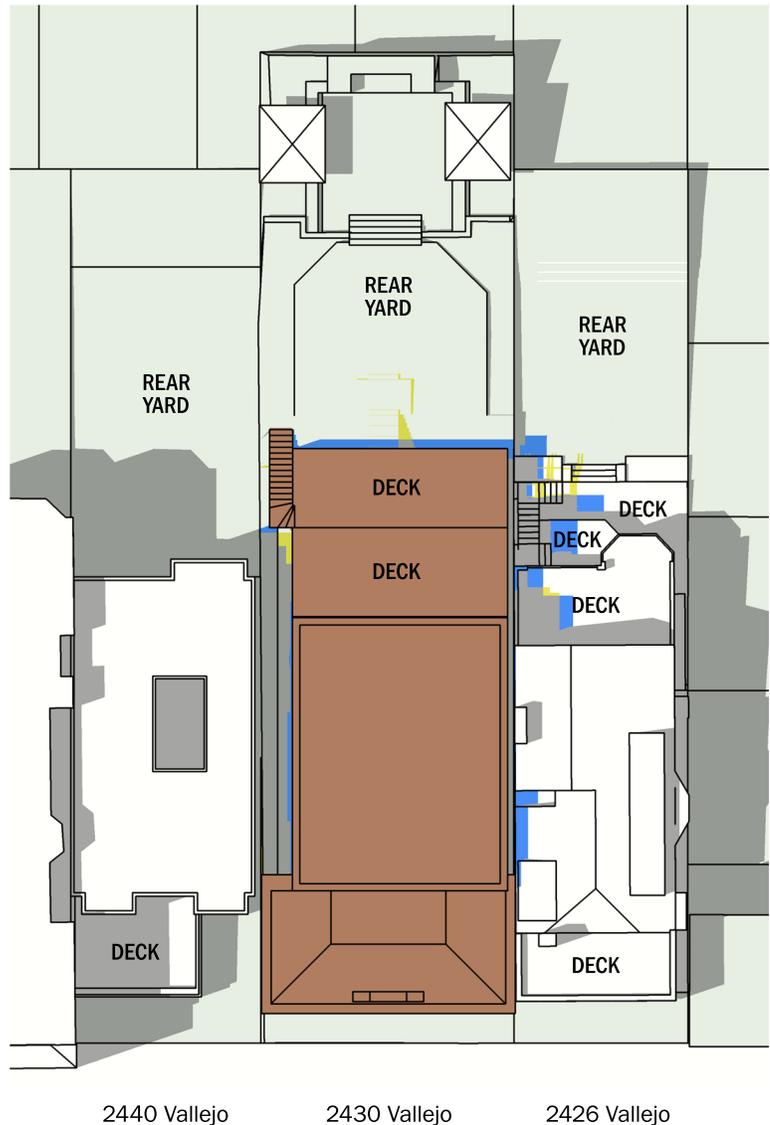
- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET

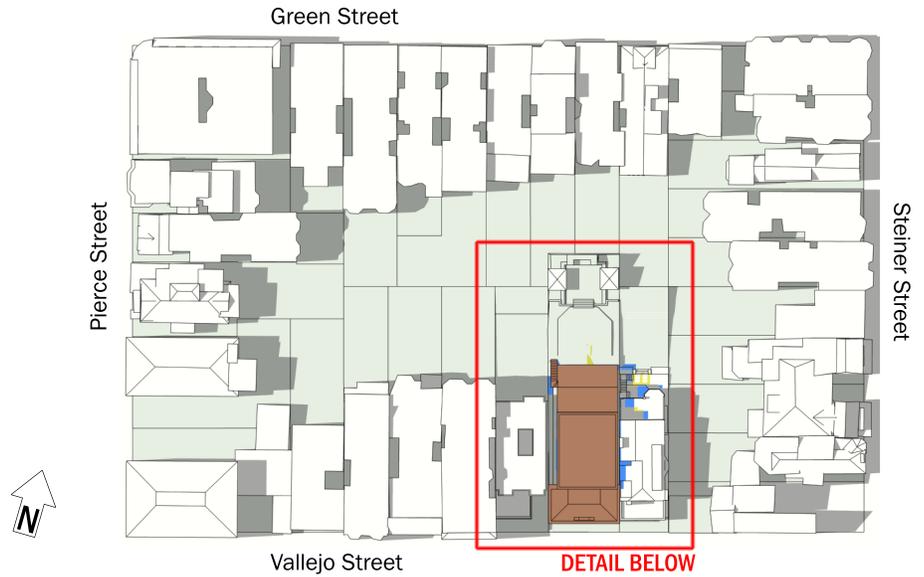


**2:48pm**  
SUMMER SOLSTACE  
JUNE 21ST

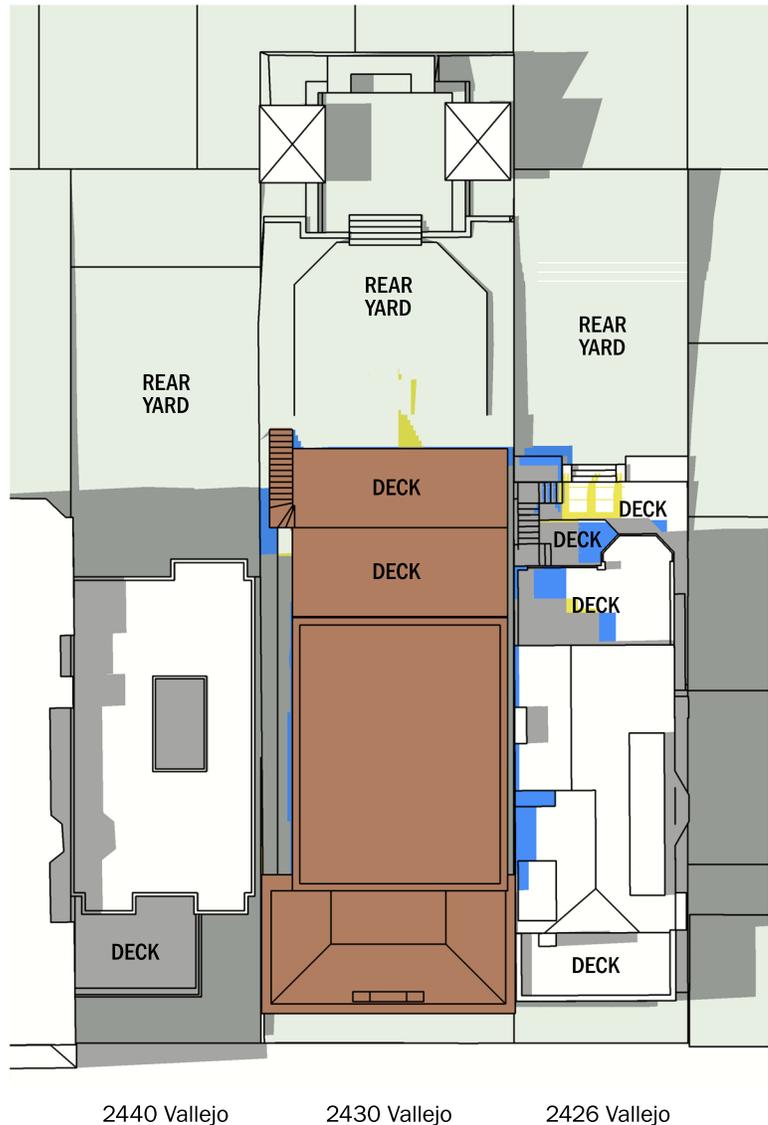


- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET



**3:48pm**  
SUMMER SOLSTACE  
JUNE 21ST



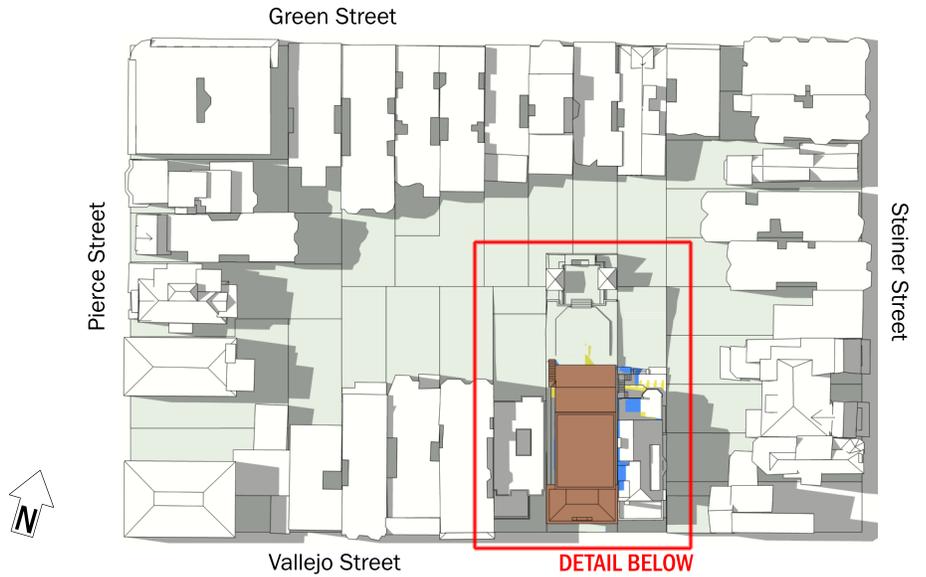
- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

2440 Vallejo

2430 Vallejo

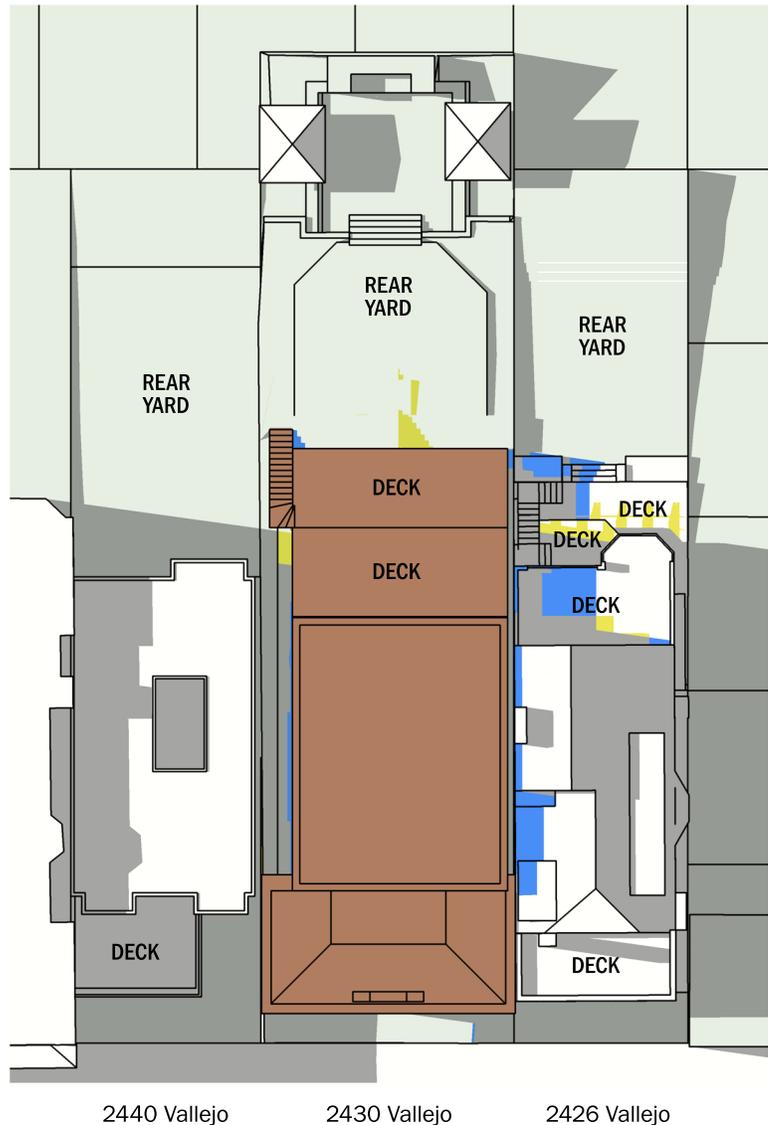
2426 Vallejo

**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

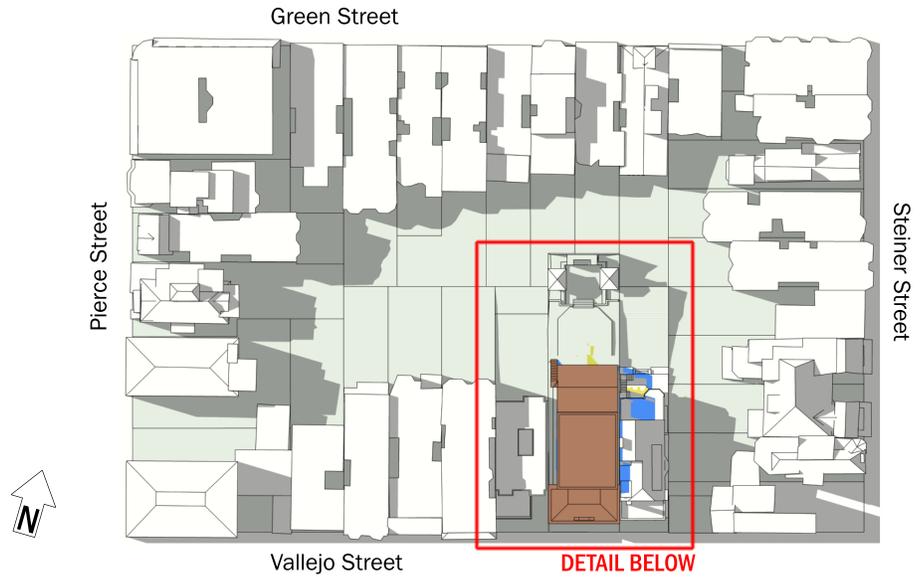


**4:48pm**  
SUMMER SOLSTACE  
JUNE 21ST

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

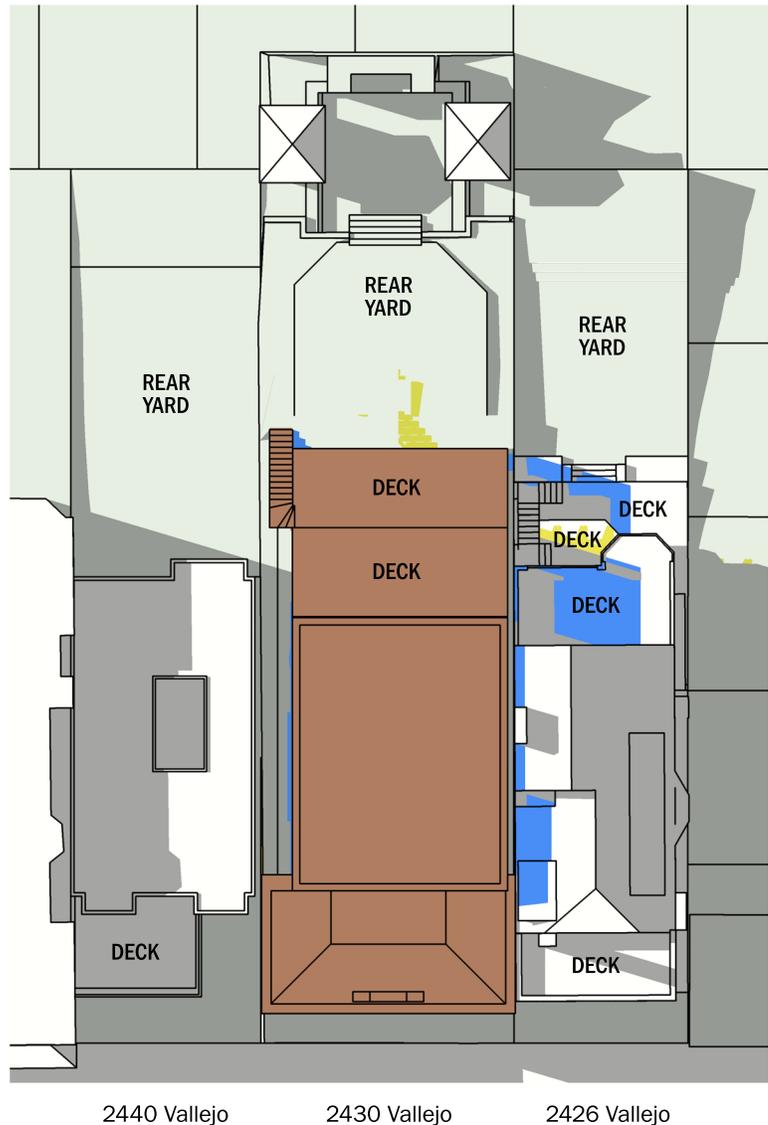


**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

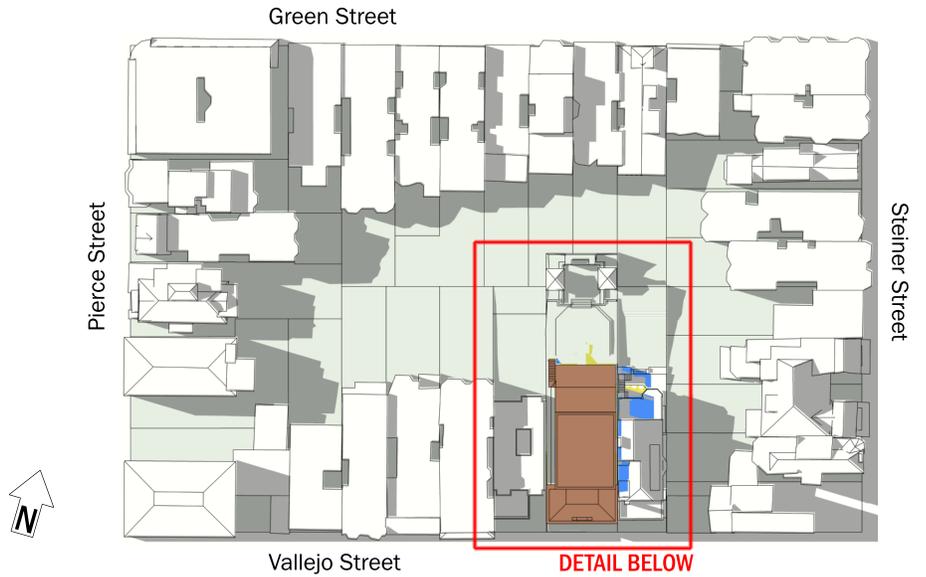


**5:48pm**  
SUMMER SOLSTACE  
JUNE 21ST

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

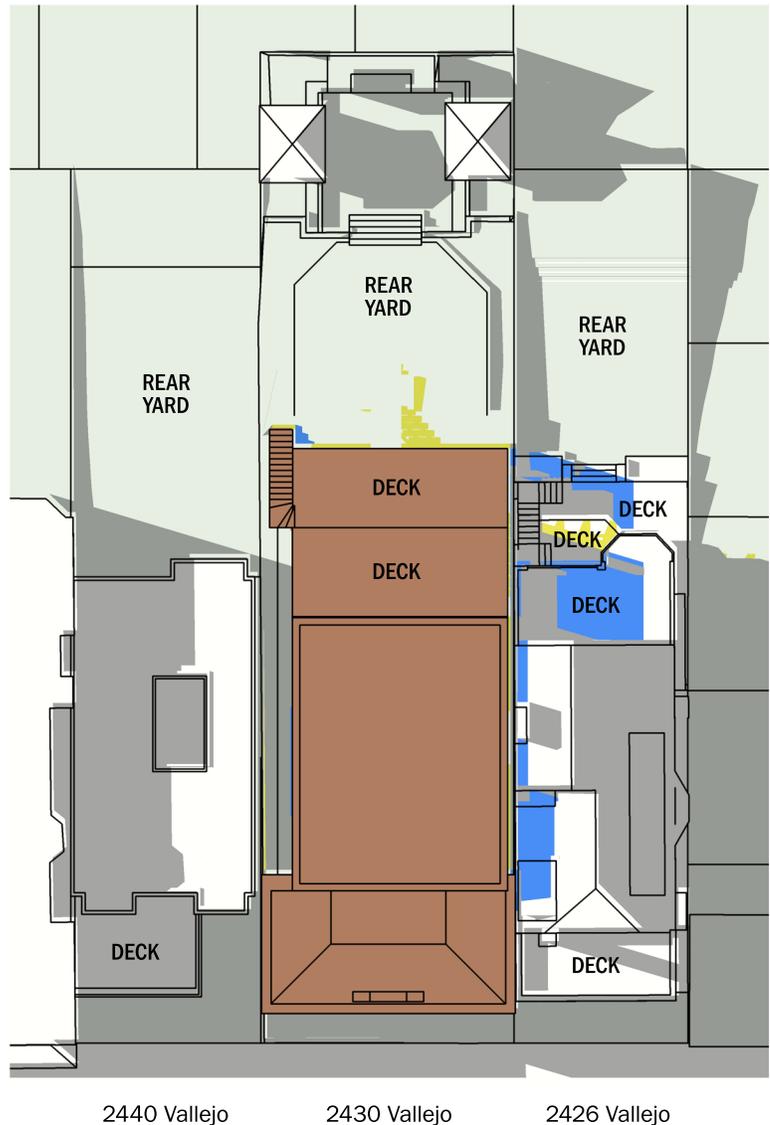


**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



**6:48pm**

**SUMMER SOLSTACE  
JUNE 21ST**



- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

2440 Vallejo

2430 Vallejo

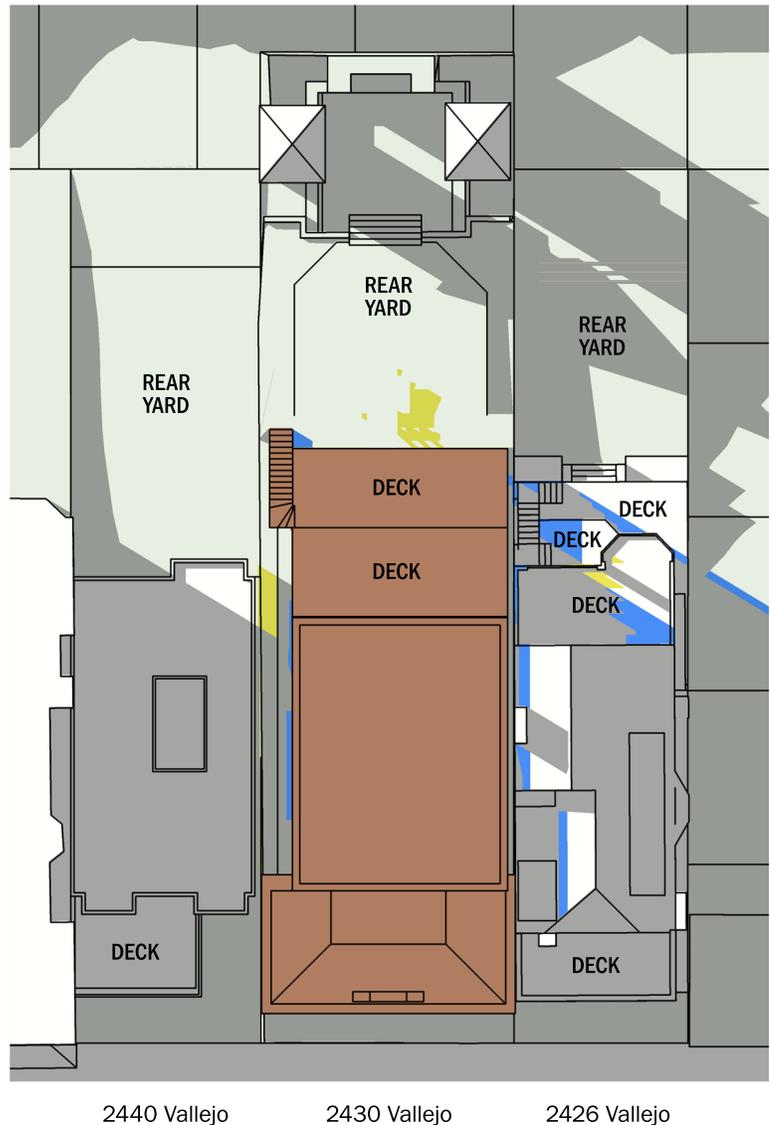
2426 Vallejo

**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



**7:35pm**

SUMMER SOLSTACE  
JUNE 21ST



- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

# **SHADOW DIAGRAMS FOR VERNAL & AUTUMNAL EQUINOXES**

**March 20<sup>th</sup>  
September 22<sup>nd</sup>**

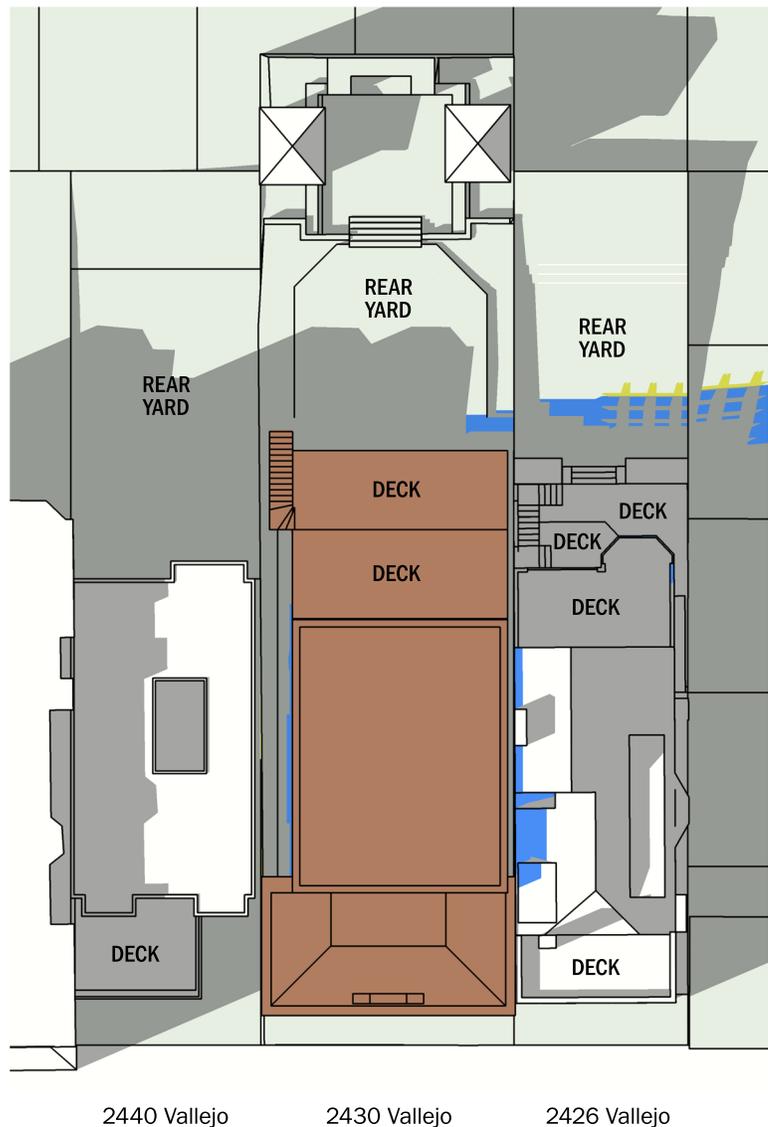
SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET



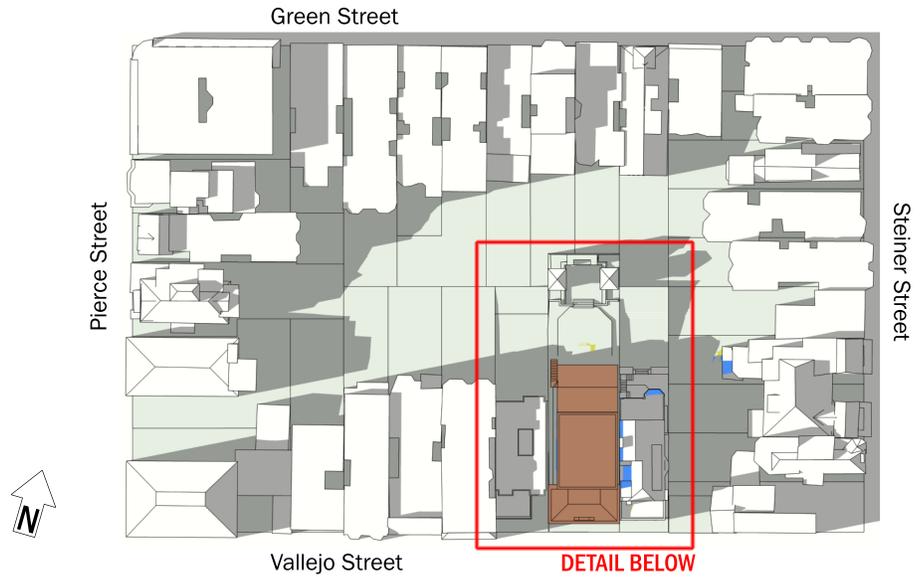
**3:58pm**

VERNAL & AUTUMNAL  
EQUINOXES  
SEPT 22ND & MARCH 20TH

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



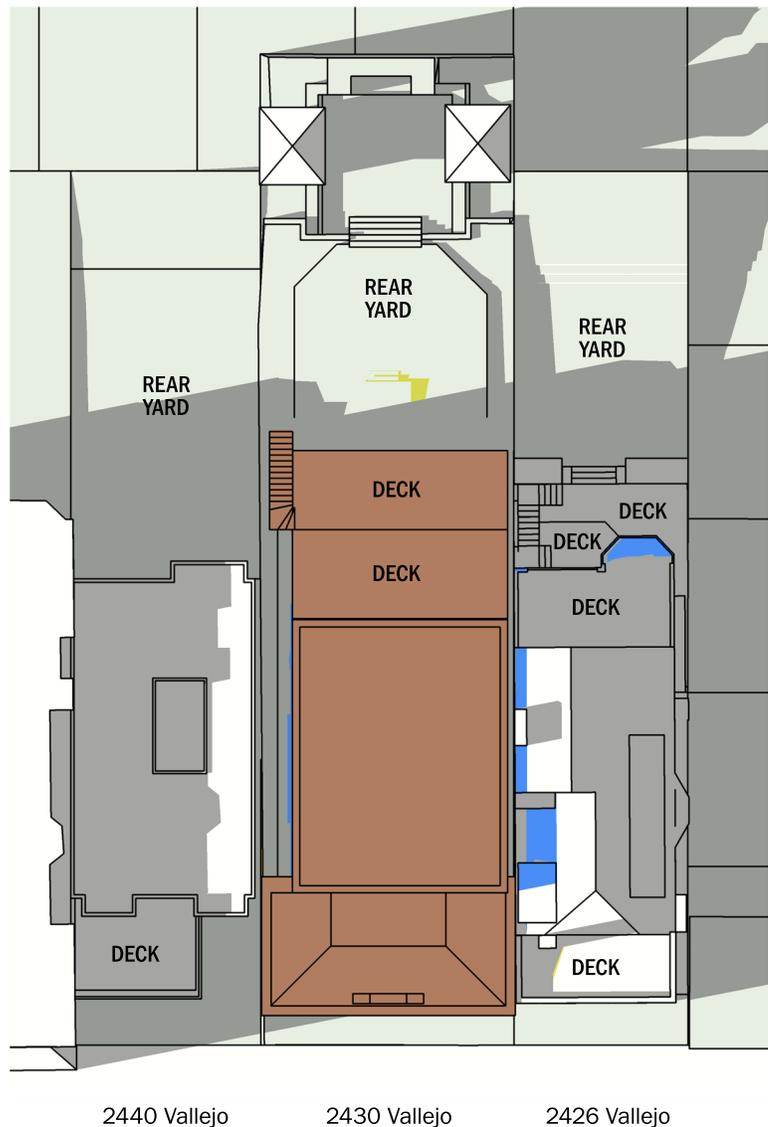
**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



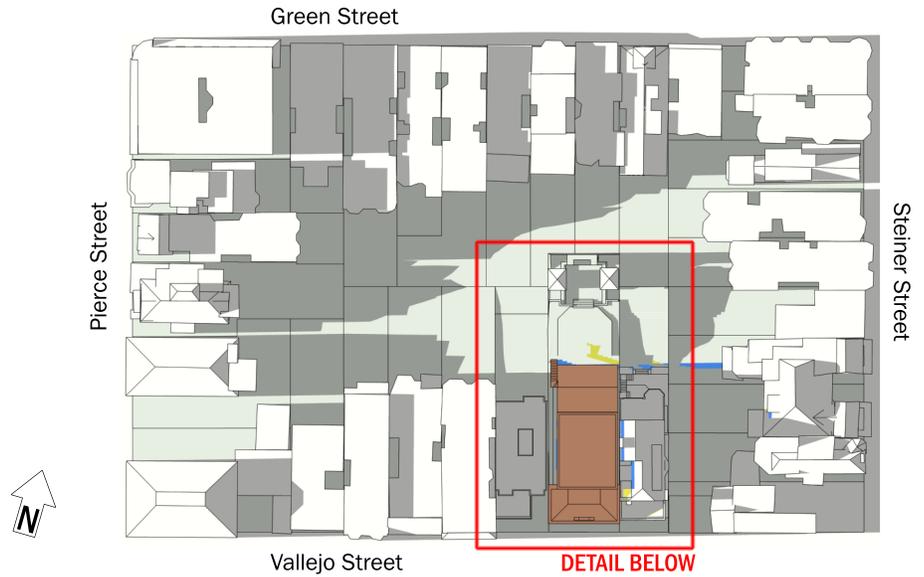
**4:58pm**

**VERNAL & AUTUMNAL  
EQUINOXES  
SEPT 22ND & MARCH 20TH**

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



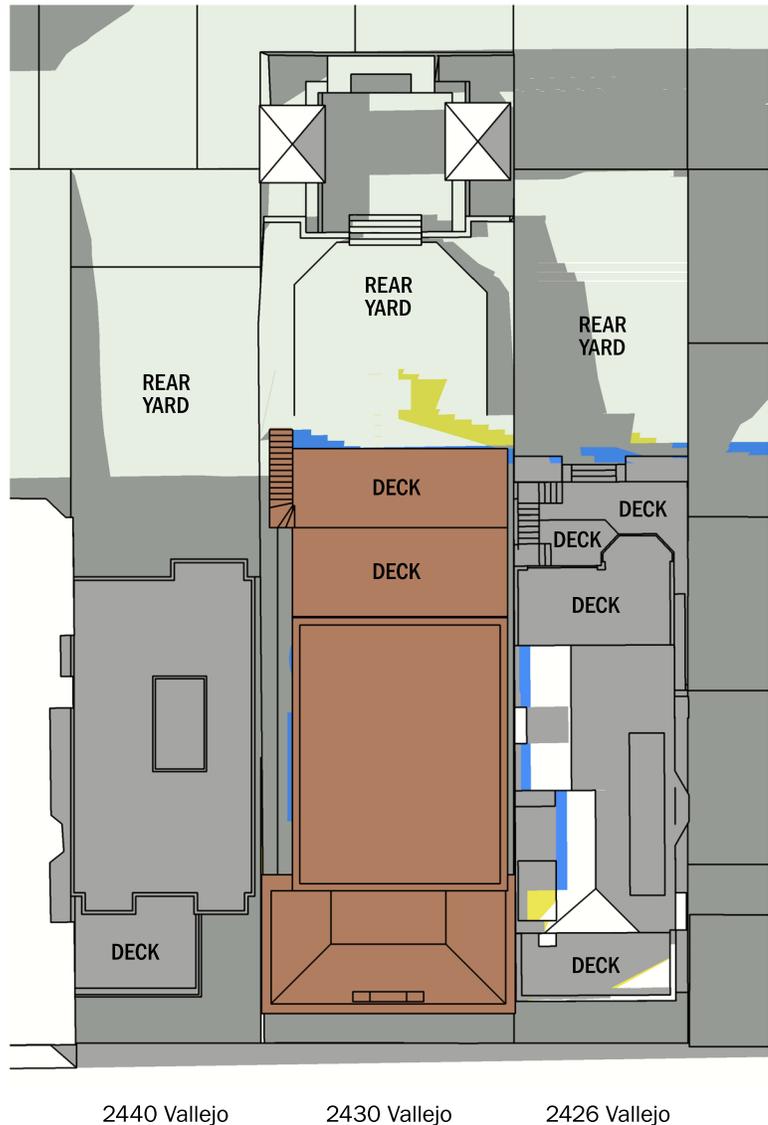
SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET



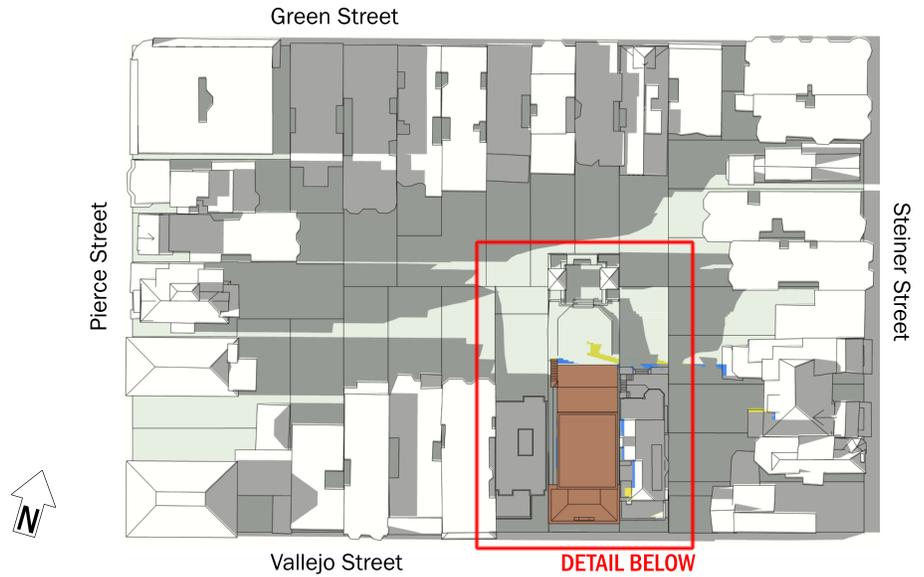
5:58pm

VERNAL & AUTUMNAL  
EQUINOXES  
SEPT 22ND & MARCH 20TH

-  2430 VALLEJO  
(RENOVATION SHOWN)
-  NEW SUNLIGHT DUE  
TO RENOVATION
-  NEW SHADOWS DUE  
TO RENOVATION
-  EXISTING SHADOWS  
(NO CHANGE)



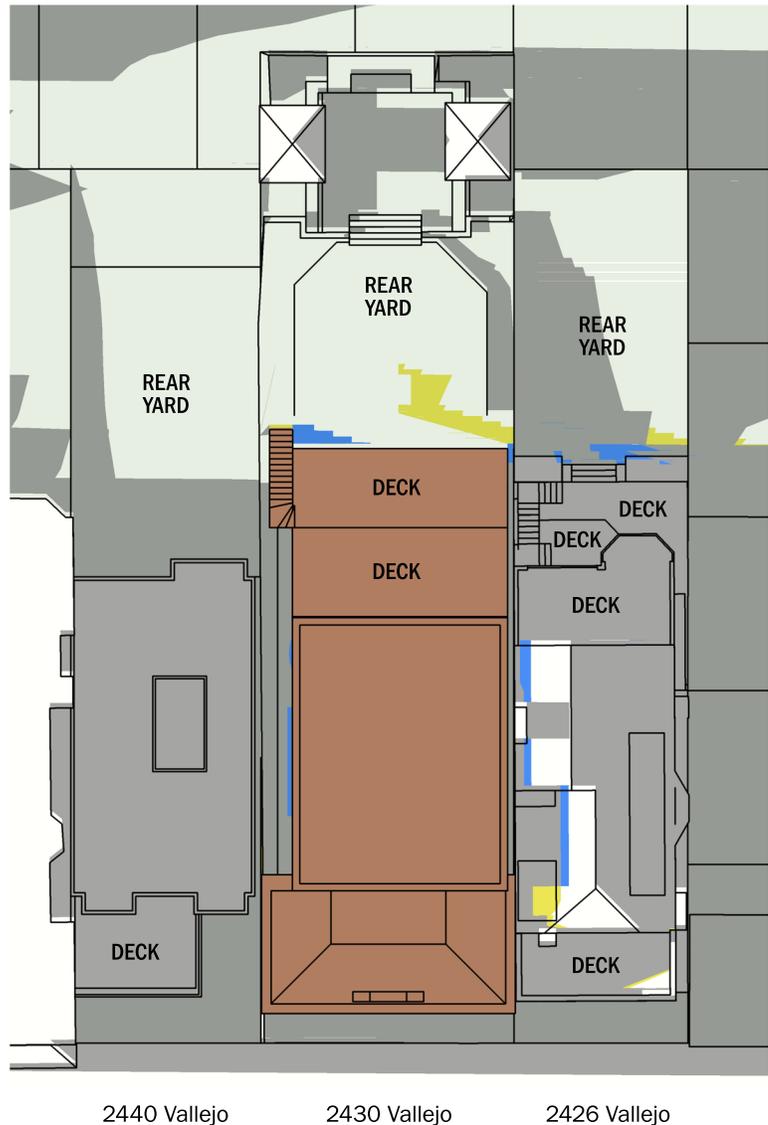
SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET



6:06pm

VERNAL & AUTUMNAL  
EQUINOXES  
SEPT 22ND & MARCH 20TH

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

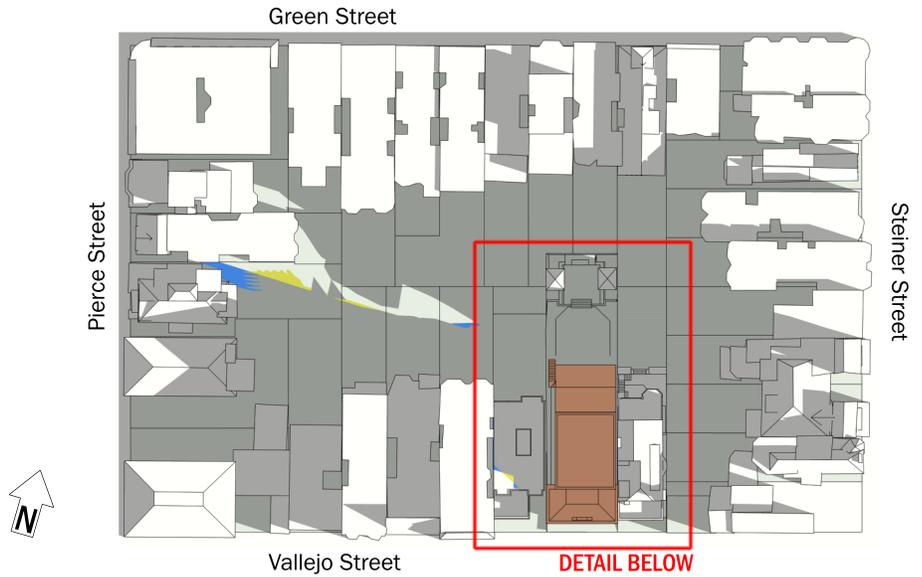


2440 Vallejo

2430 Vallejo

2426 Vallejo

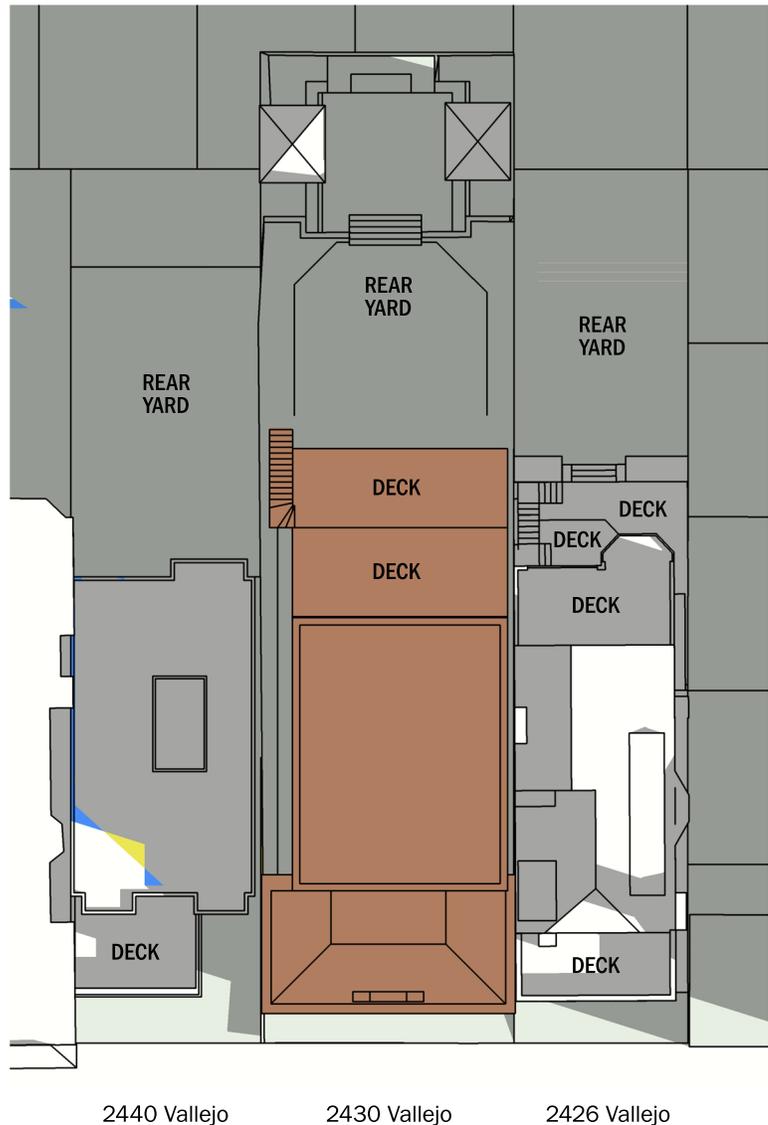
**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



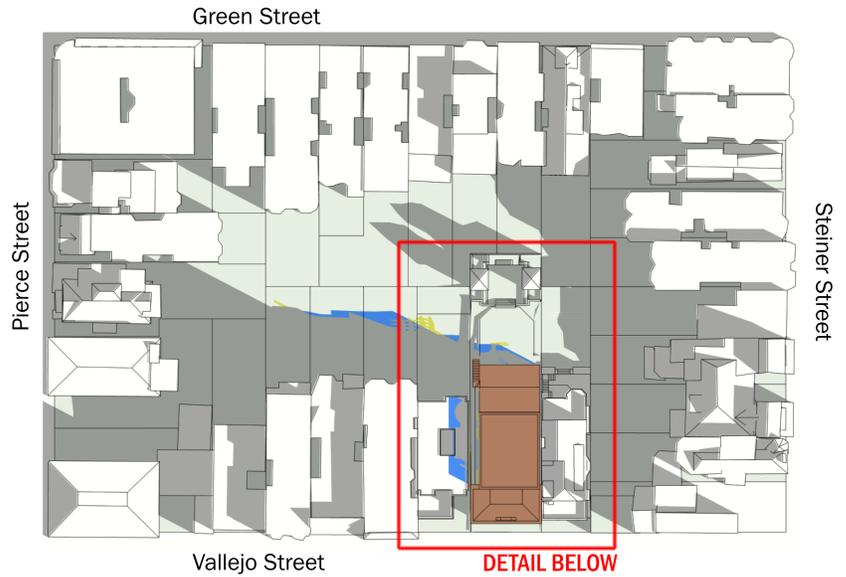
**7:58am**

**VERNAL & AUTUMNAL  
EQUINOXES  
SEPT 22ND & MARCH 20TH**

- 2430 VALLEJO (RENOVATION SHOWN)
- NEW SUNLIGHT DUE TO RENOVATION
- NEW SHADOWS DUE TO RENOVATION
- EXISTING SHADOWS (NO CHANGE)

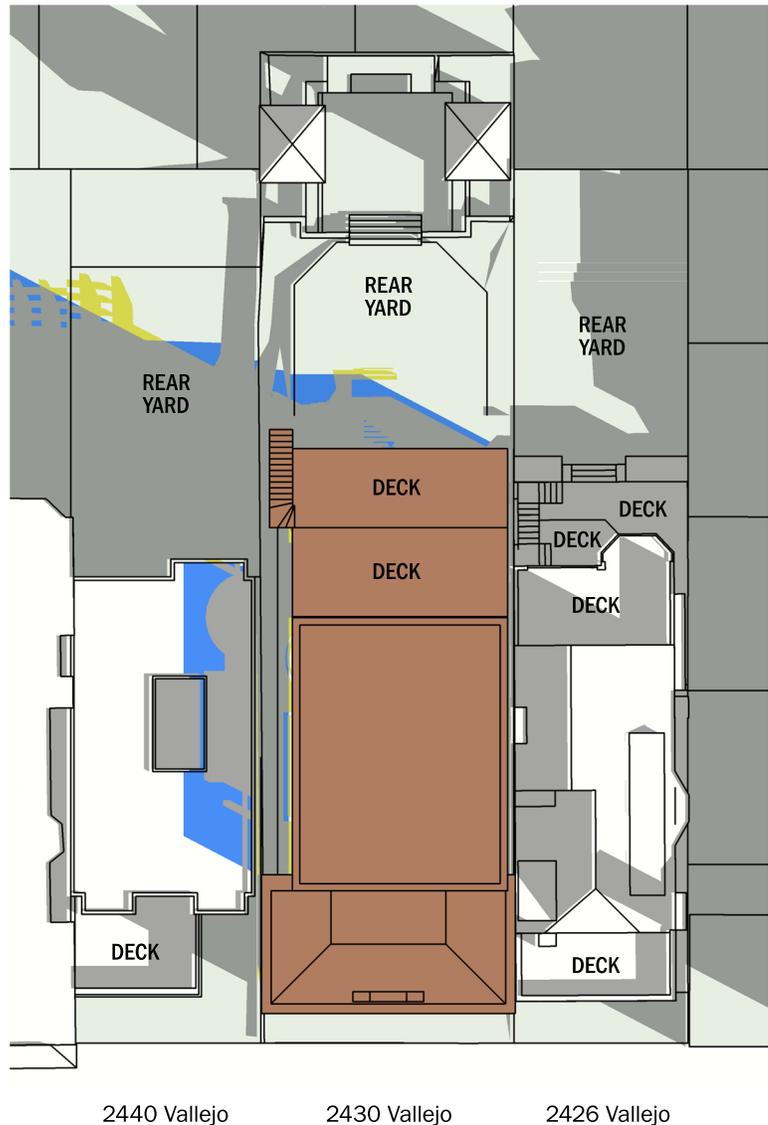


**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



**8:58am**

**VERNAL & AUTUMNAL  
EQUINOXES  
SEPT 22ND & MARCH 20TH**



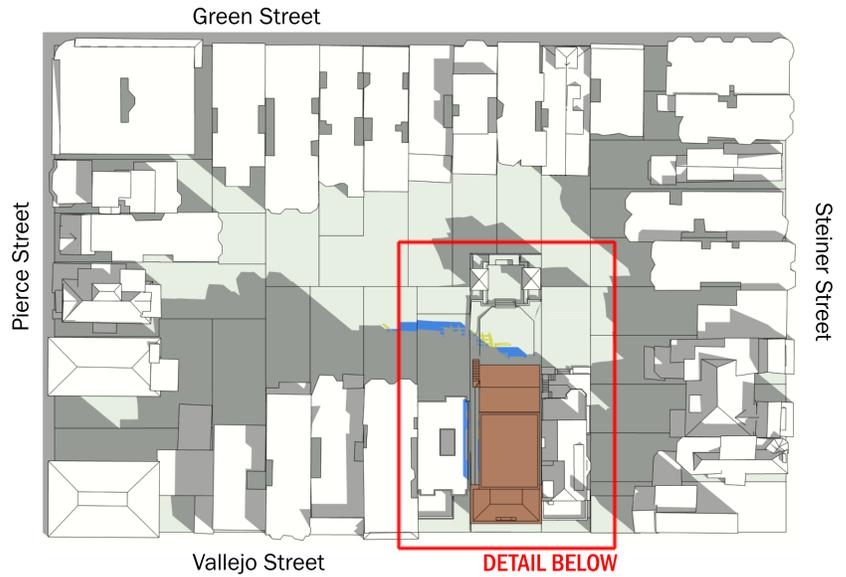
- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

2440 Vallejo

2430 Vallejo

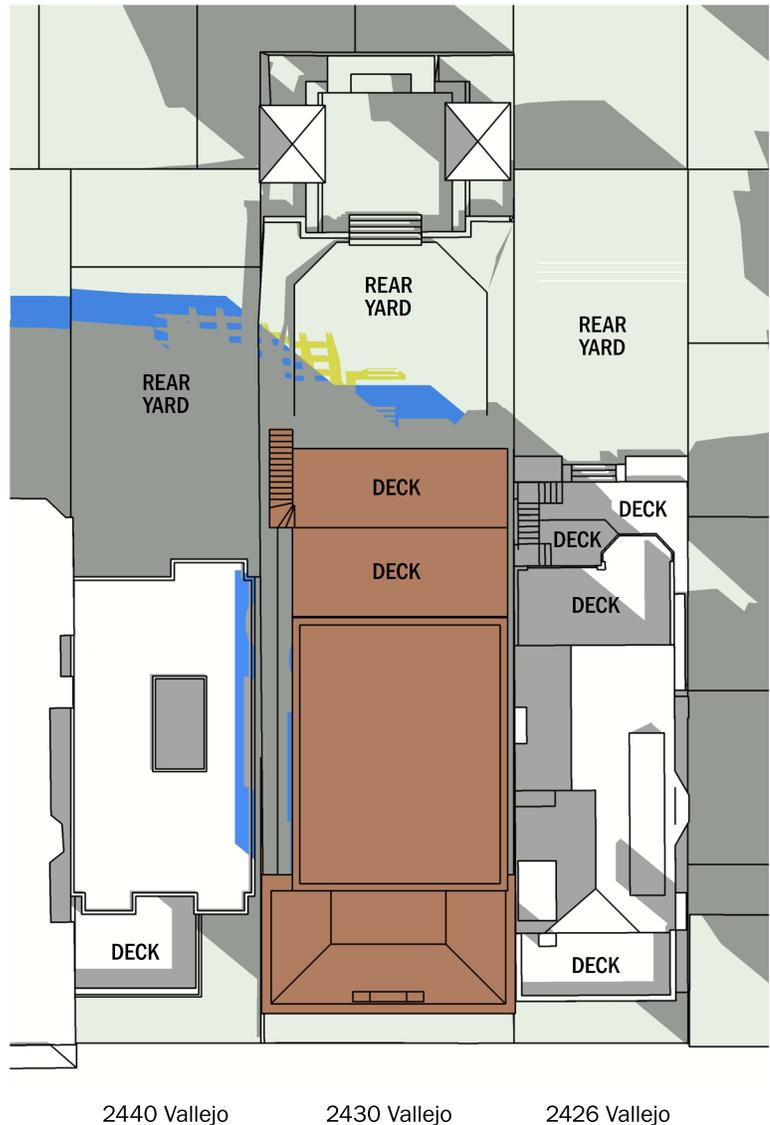
2426 Vallejo

**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



**9:58am**

**VERNAL & AUTUMNAL  
EQUINOXES  
SEPT 22ND & MARCH 20TH**



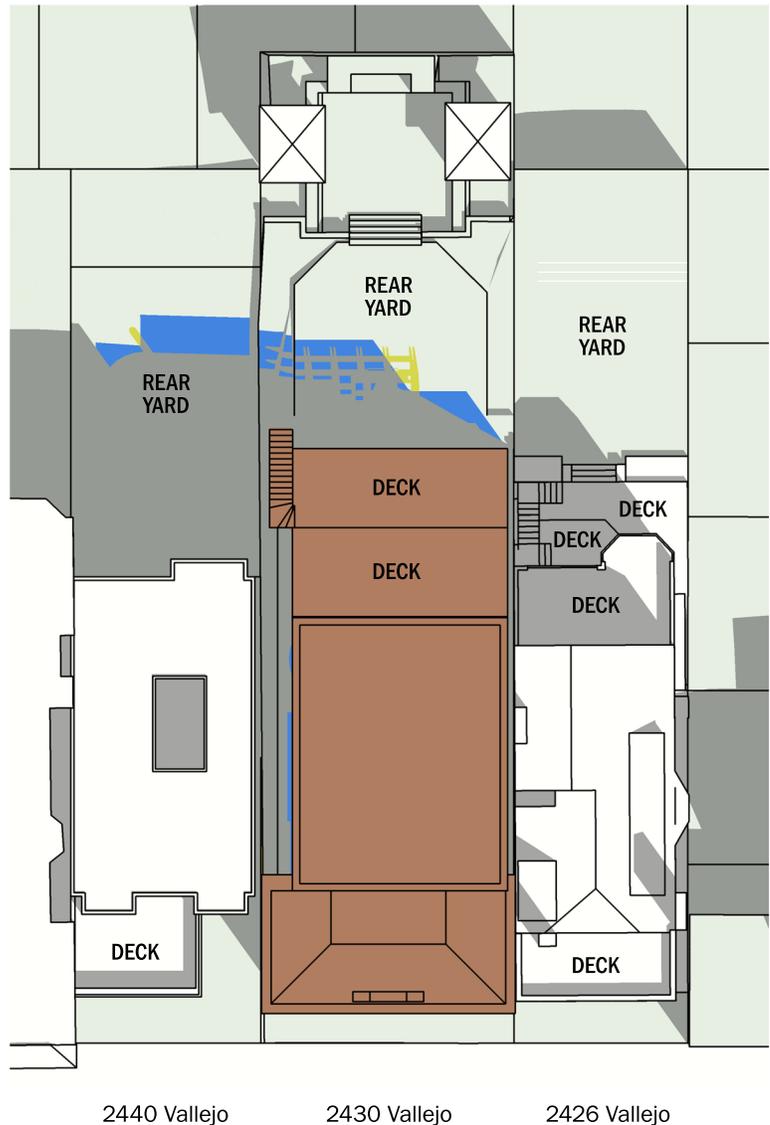
- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



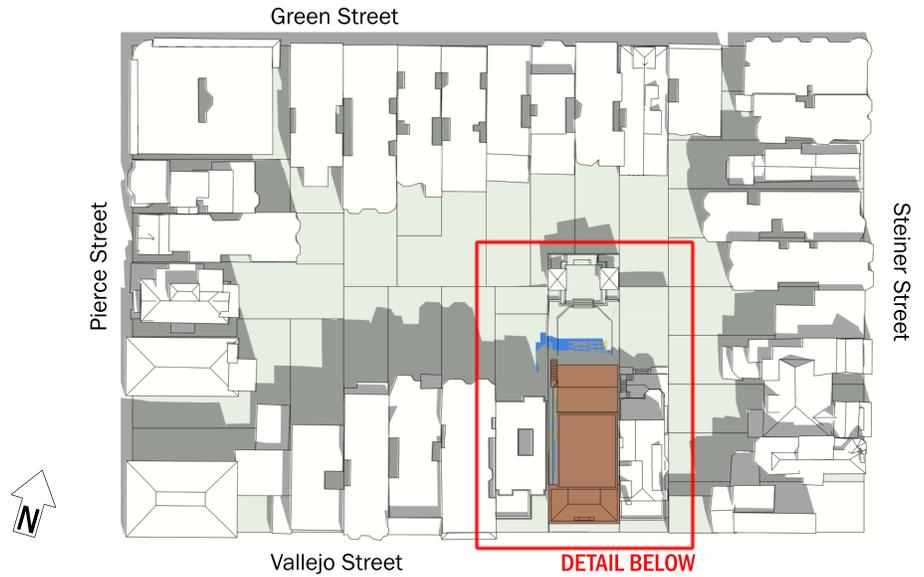
**10:58am**

**VERNAL & AUTUMNAL  
EQUINOXES  
SEPT 22ND & MARCH 20TH**



- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

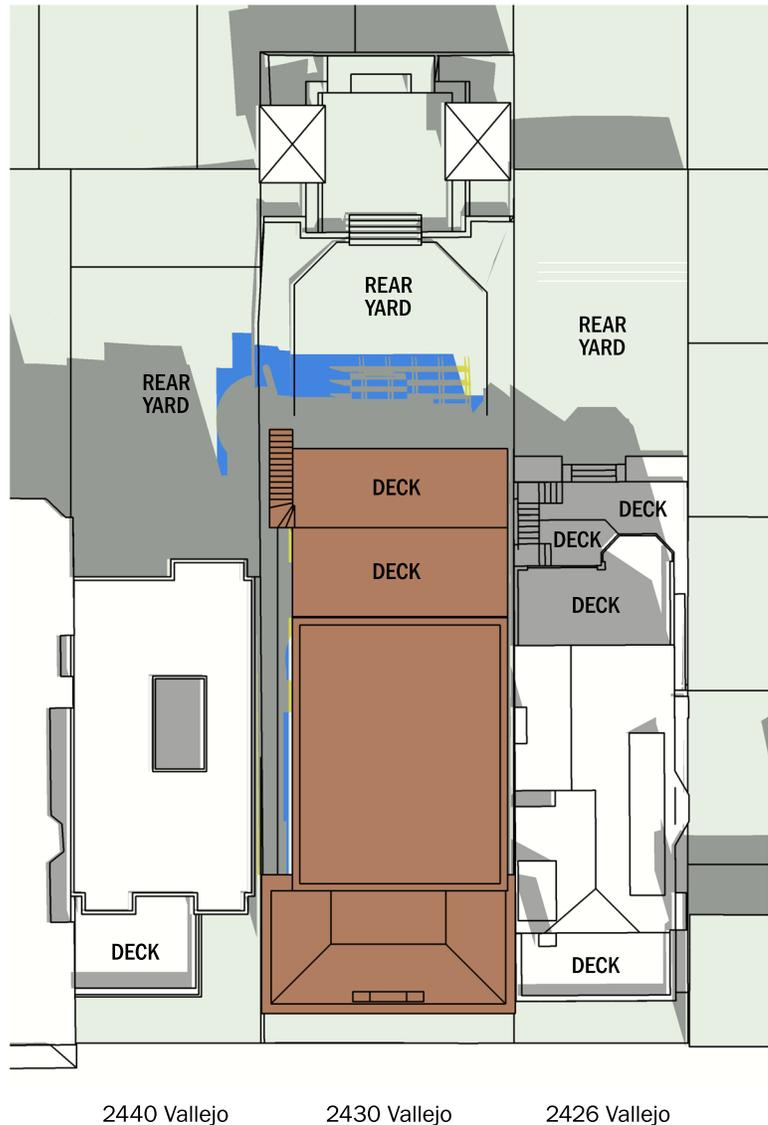
SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET



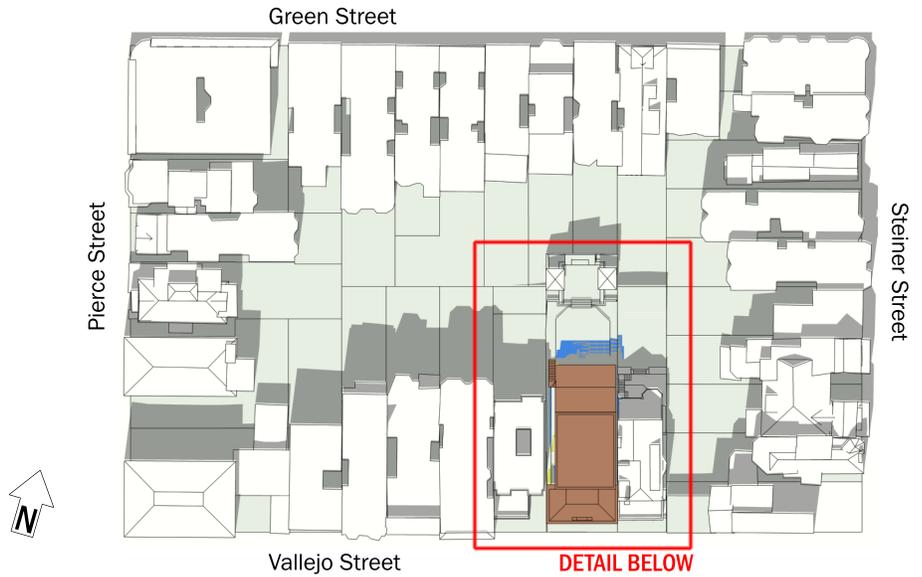
11:58am

VERNAL & AUTUMNAL  
EQUINOXES  
SEPT 22ND & MARCH 20TH

-  2430 VALLEJO  
(RENOVATION SHOWN)
-  NEW SUNLIGHT DUE  
TO RENOVATION
-  NEW SHADOWS DUE  
TO RENOVATION
-  EXISTING SHADOWS  
(NO CHANGE)



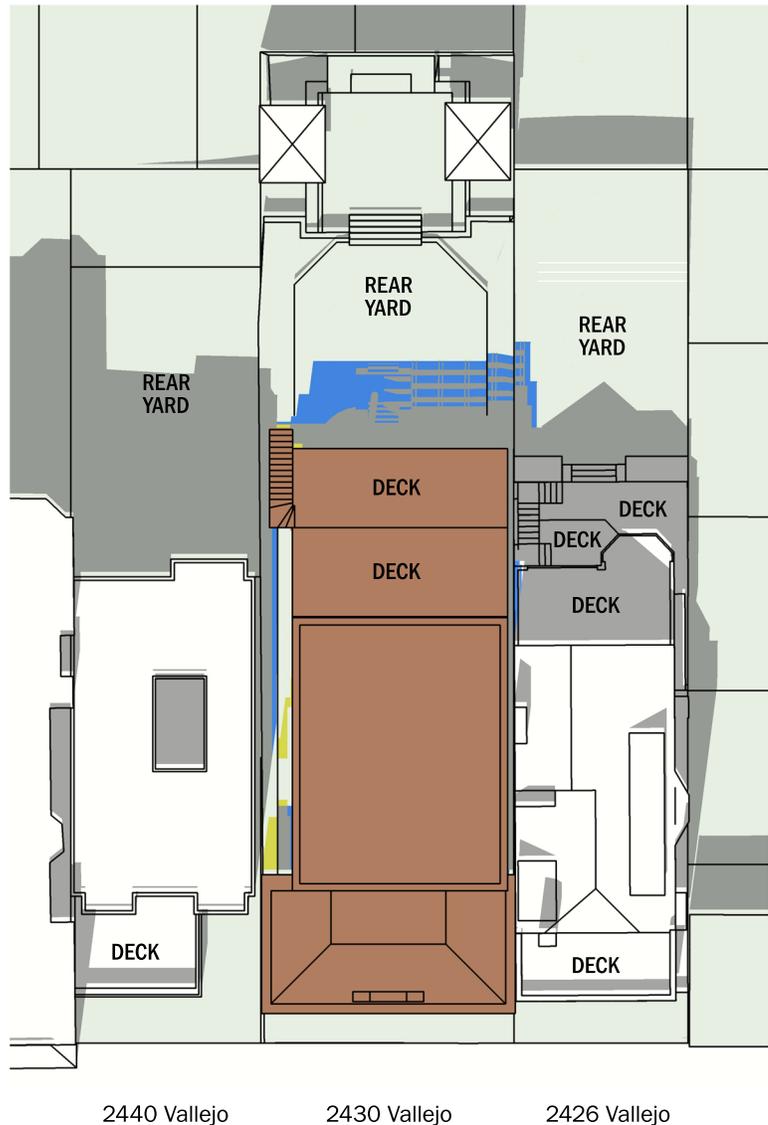
**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



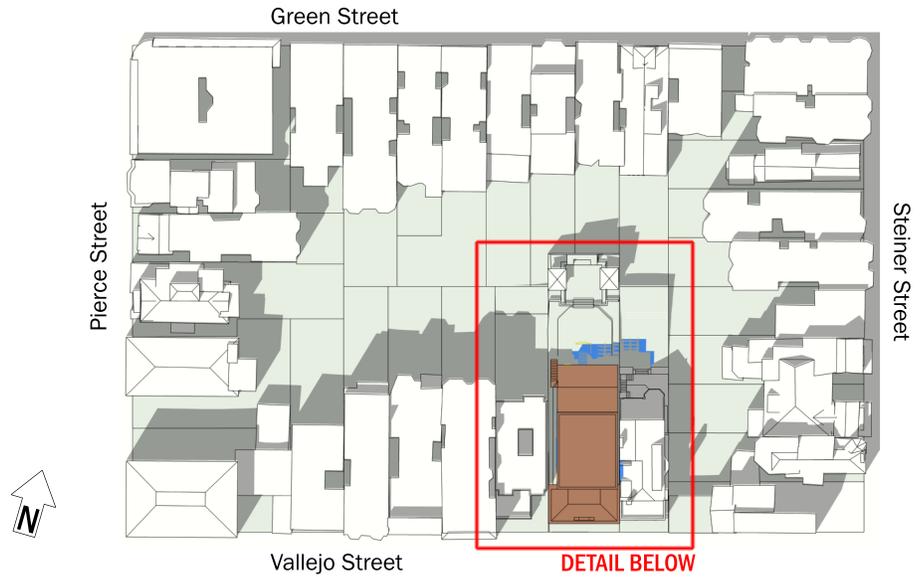
**12:58pm**

**VERNAL & AUTUMNAL  
EQUINOXES  
SEPT 22ND & MARCH 20TH**

- 2430 VALLEJO (RENOVATION SHOWN)
- NEW SUNLIGHT DUE TO RENOVATION
- NEW SHADOWS DUE TO RENOVATION
- EXISTING SHADOWS (NO CHANGE)



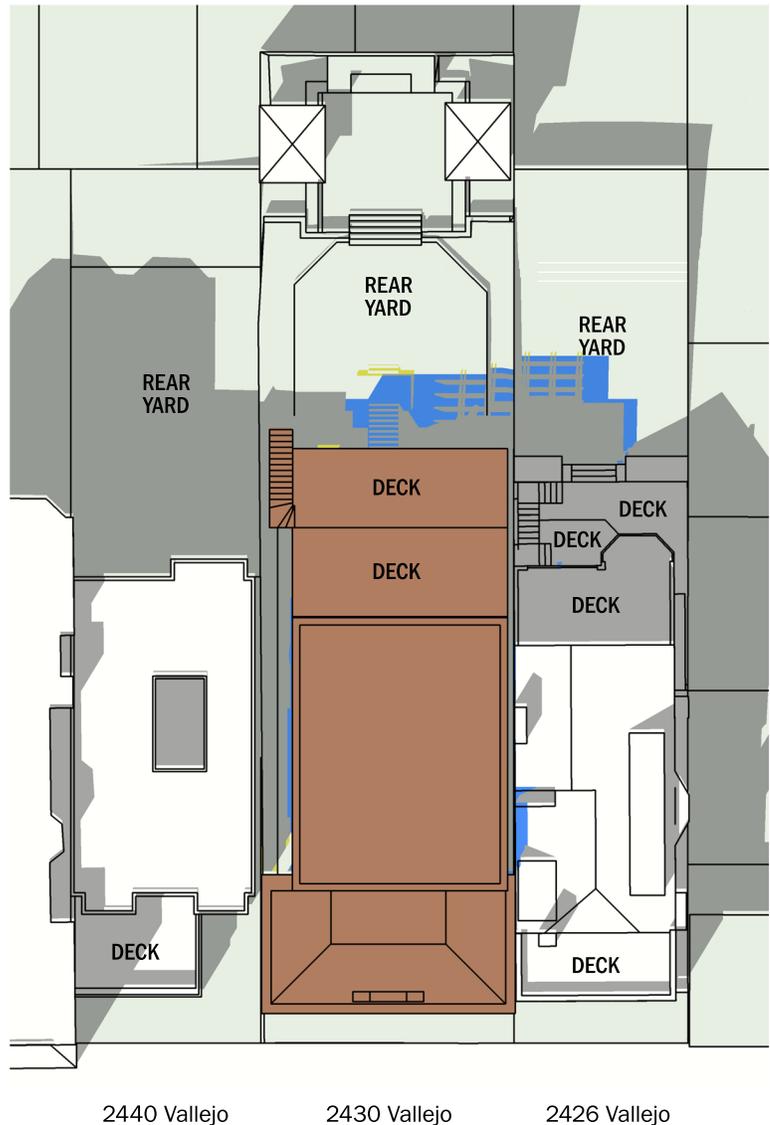
**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



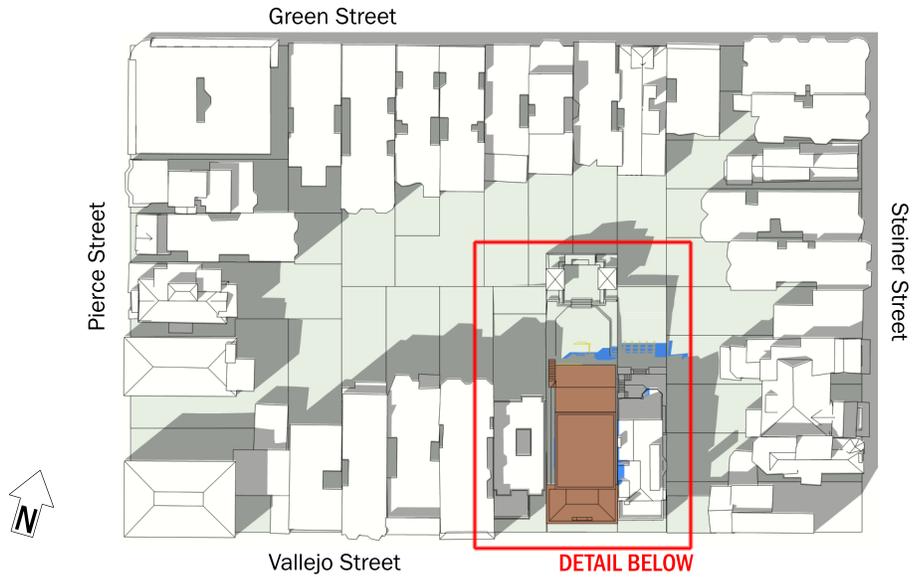
**1:58pm**

**VERNAL & AUTUMNAL  
EQUINOXES  
SEPT 22ND & MARCH 20TH**

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



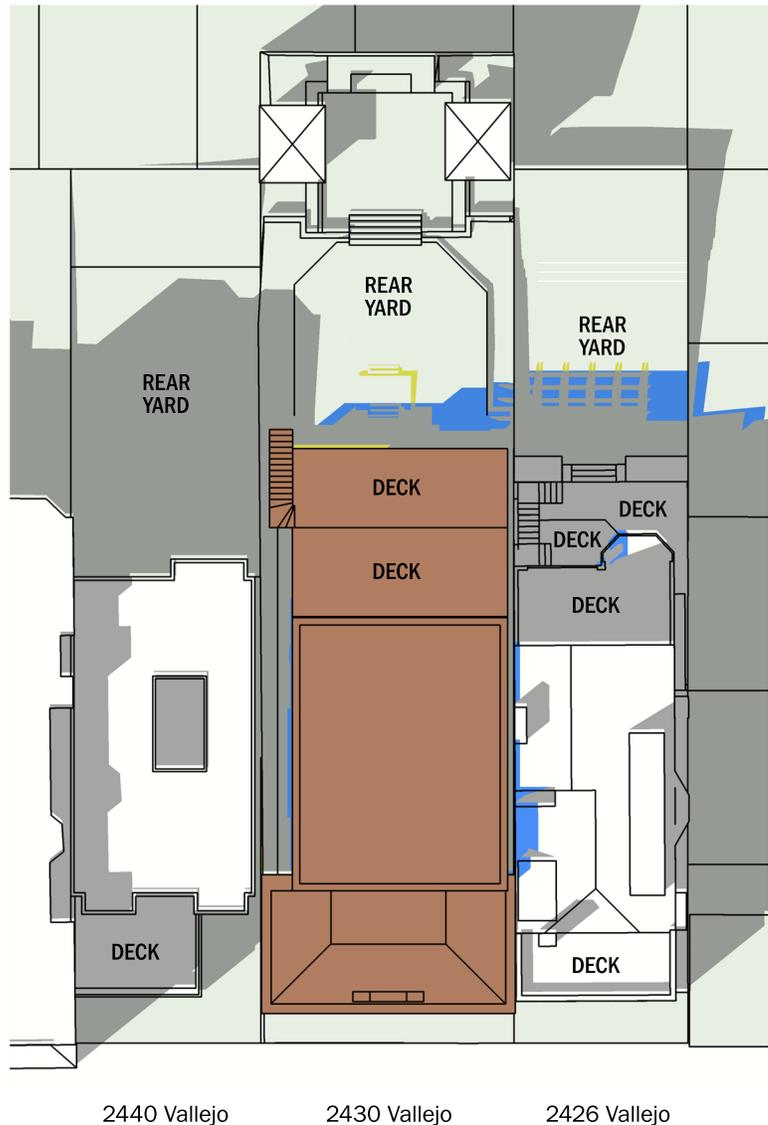
**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



**2:58pm**

**VERNAL & AUTUMNAL  
EQUINOXES  
SEPT 22ND & MARCH 20TH**

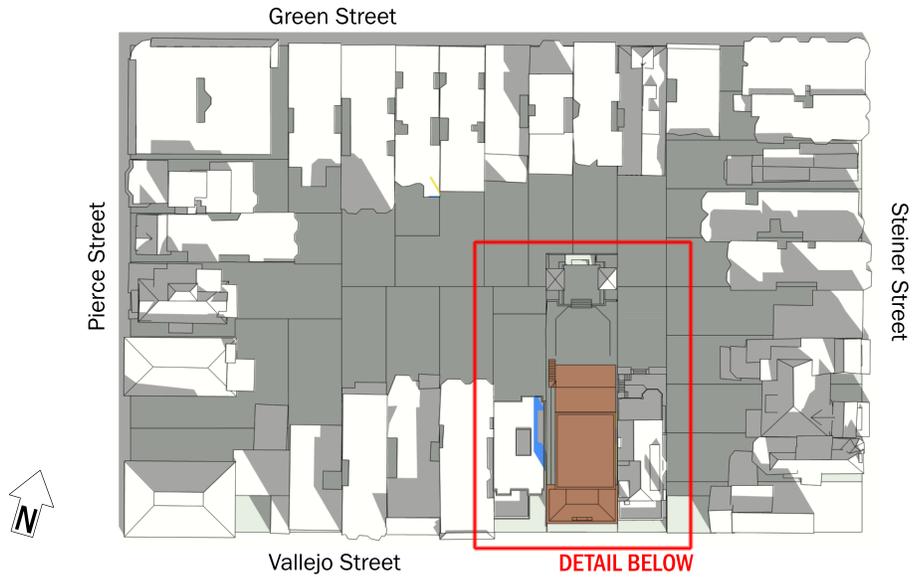
- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



# **SHADOW DIAGRAMS FOR WINTER SOLSTICE**

**December 21st**

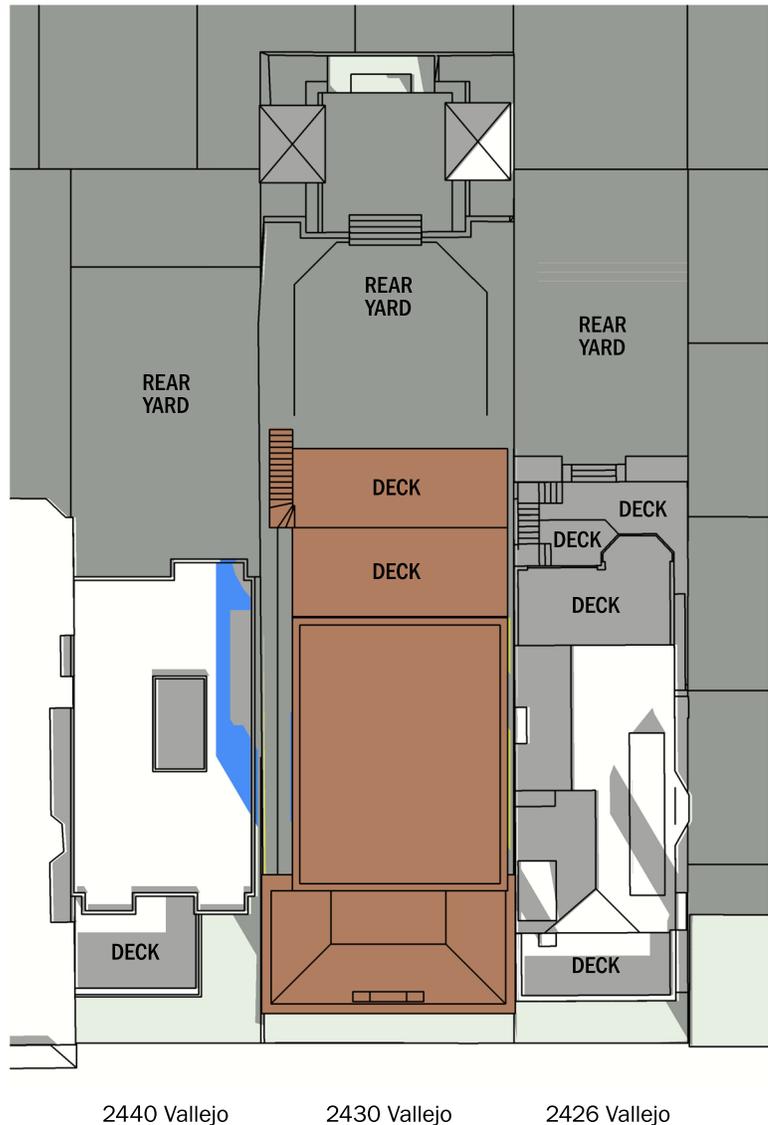
**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



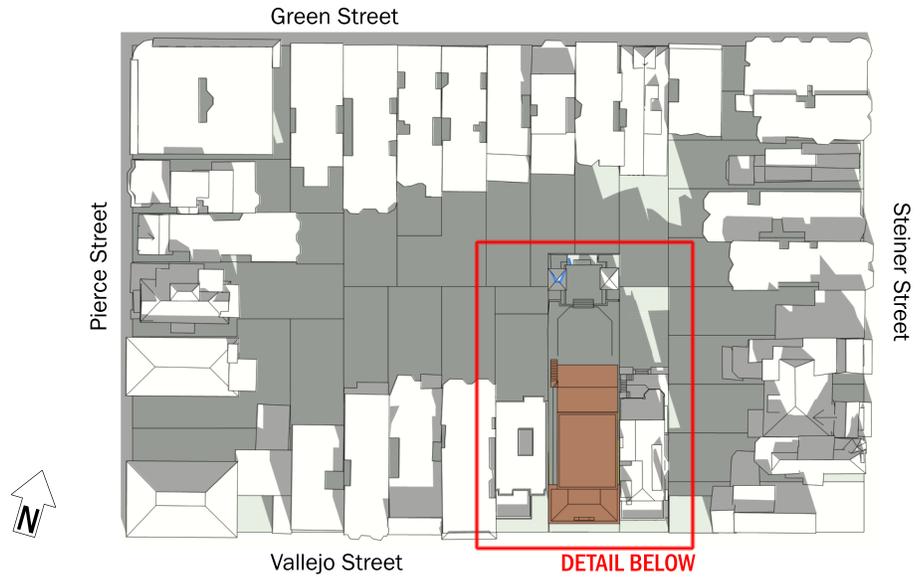
**9:22am**

**WINTER SOLSTICE  
DECEMBER 21ST**

- 2430 VALLEJO (RENOVATION SHOWN)
- NEW SUNLIGHT DUE TO RENOVATION
- NEW SHADOWS DUE TO RENOVATION
- EXISTING SHADOWS (NO CHANGE)



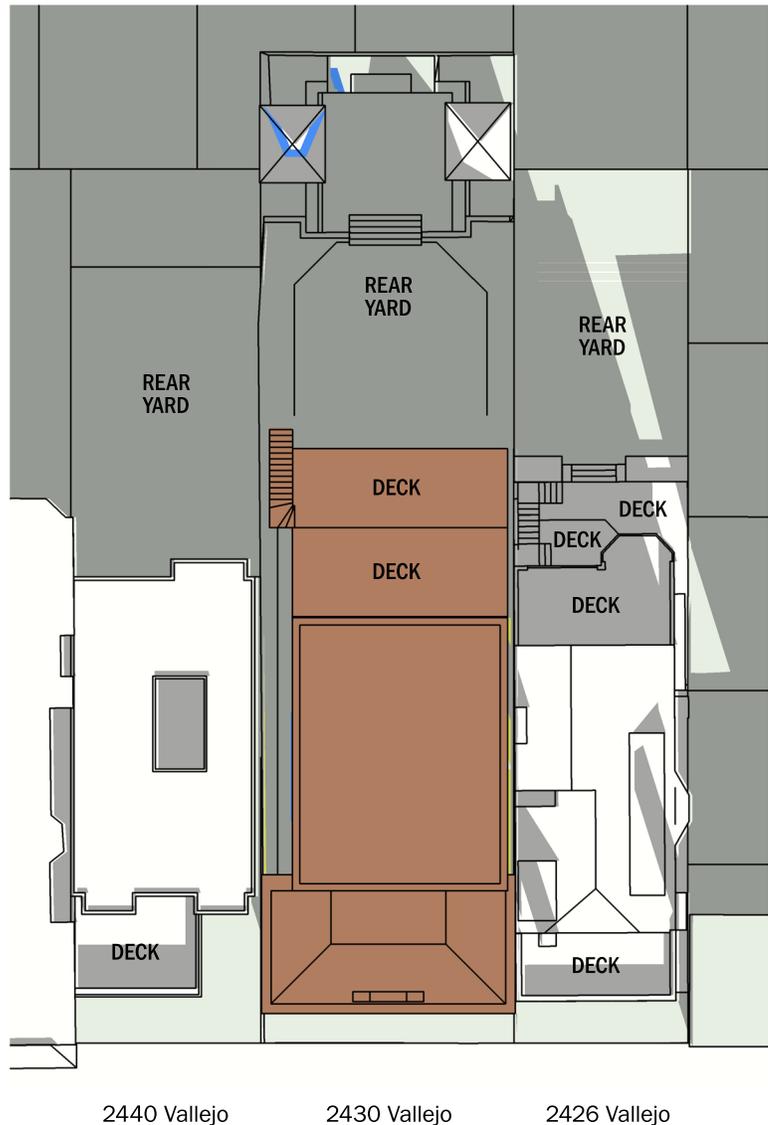
**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



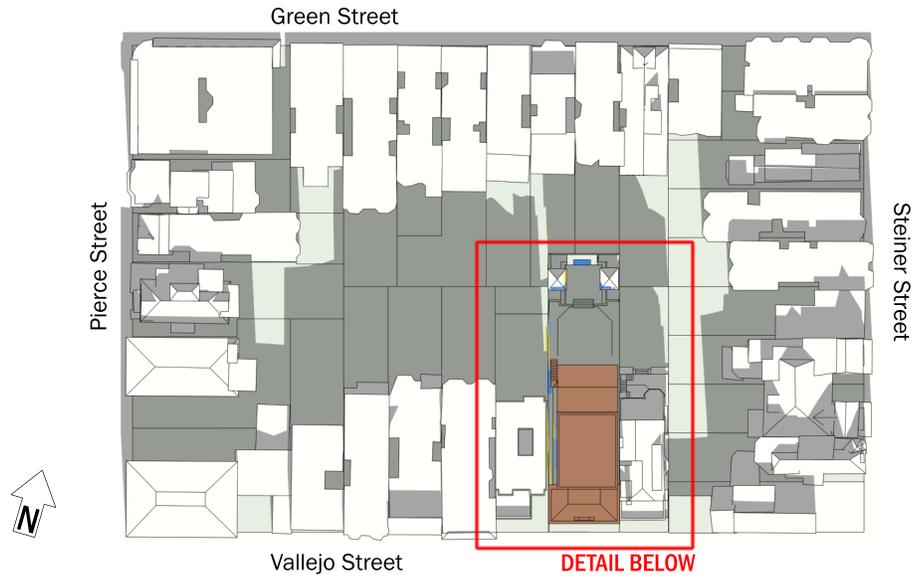
**10:22am**

WINTER SOLSTICE  
DECEMBER 21ST

- 2430 VALLEJO (RENOVATION SHOWN)
- NEW SUNLIGHT DUE TO RENOVATION
- NEW SHADOWS DUE TO RENOVATION
- EXISTING SHADOWS (NO CHANGE)



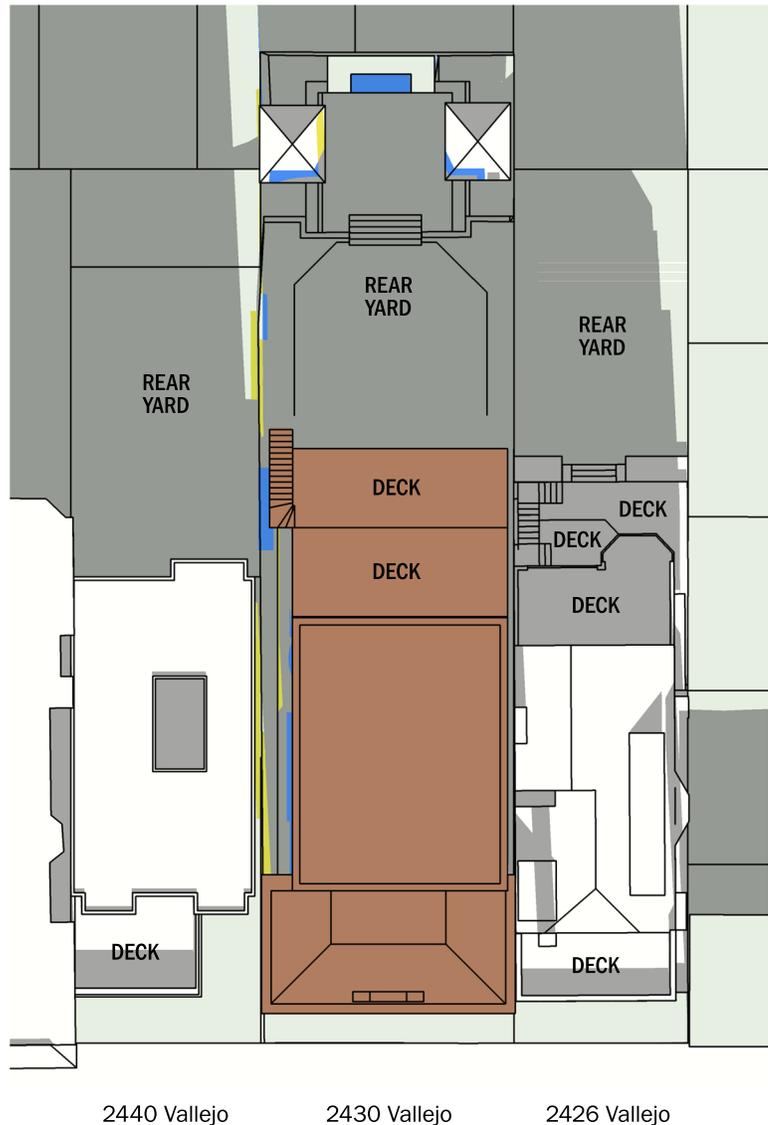
SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET



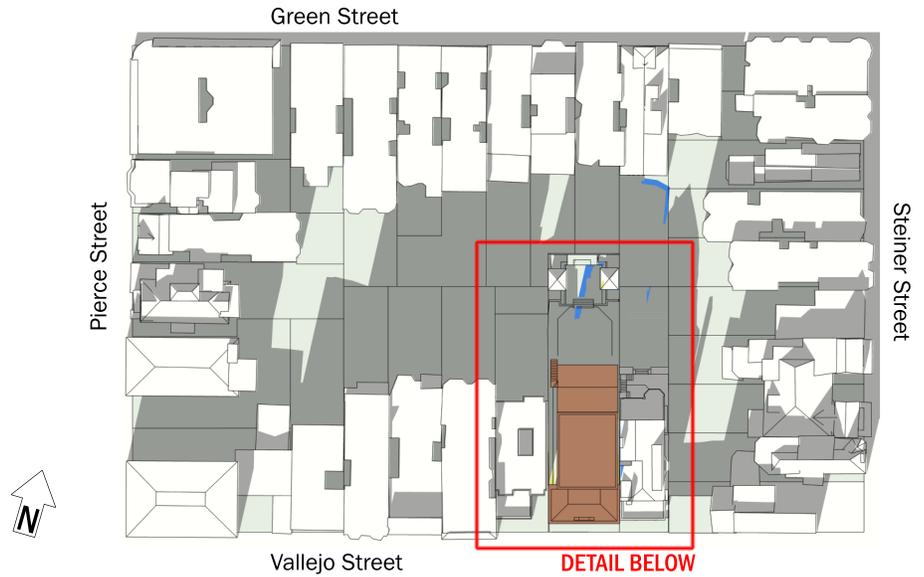
11:22am

WINTER SOLSTICE  
DECEMBER 21ST

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



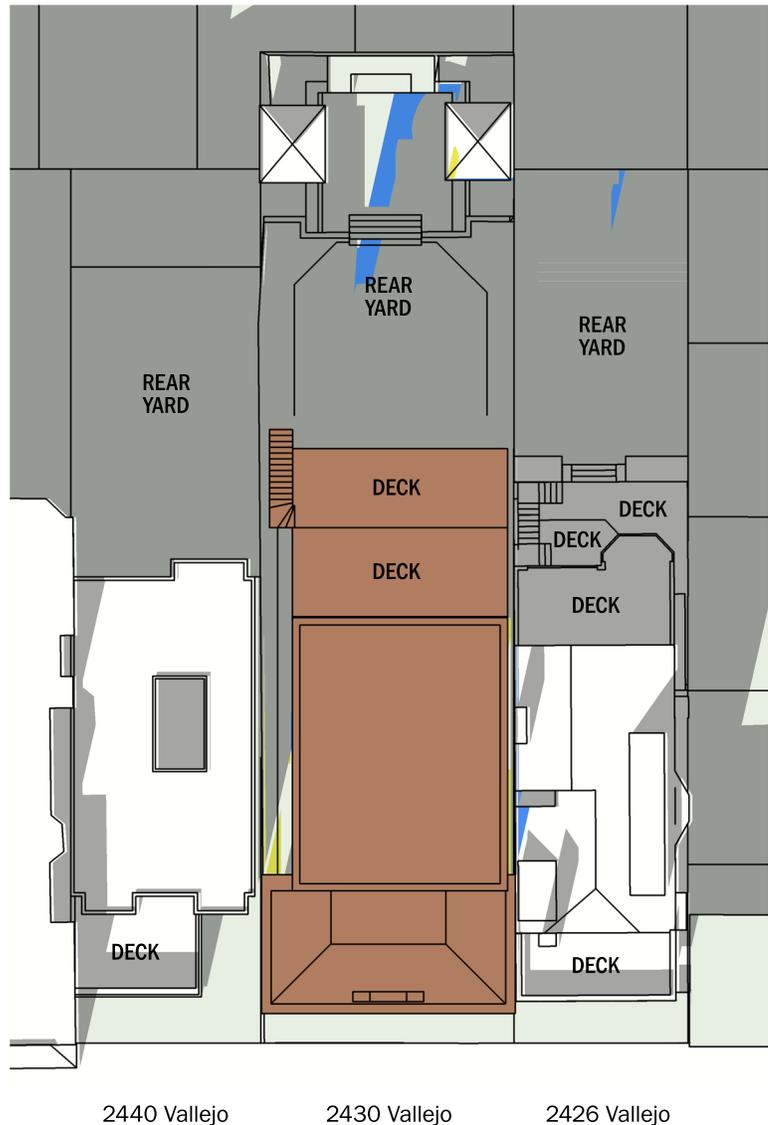
SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET



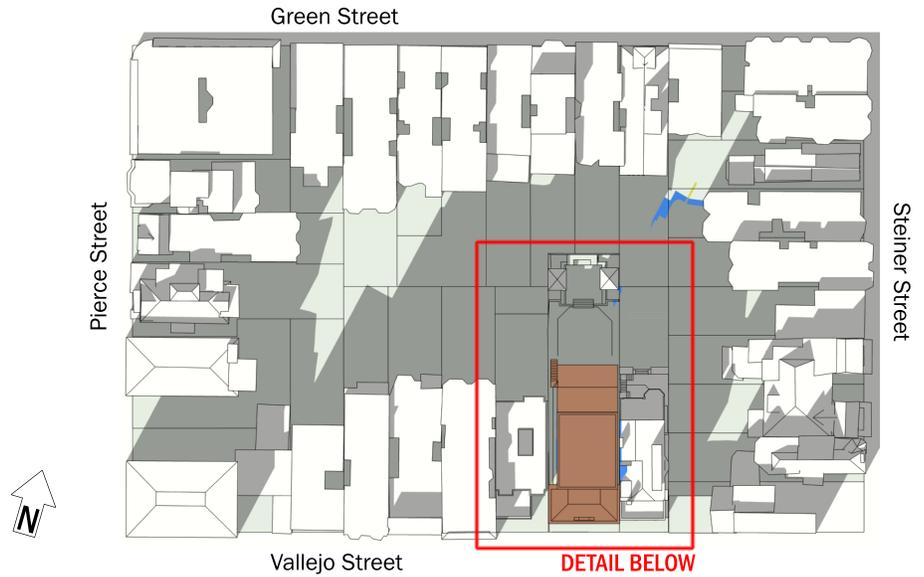
12:22pm

WINTER SOLSTICE  
DECEMBER 21ST

-  2430 VALLEJO (RENOVATION SHOWN)
-  NEW SUNLIGHT DUE TO RENOVATION
-  NEW SHADOWS DUE TO RENOVATION
-  EXISTING SHADOWS (NO CHANGE)



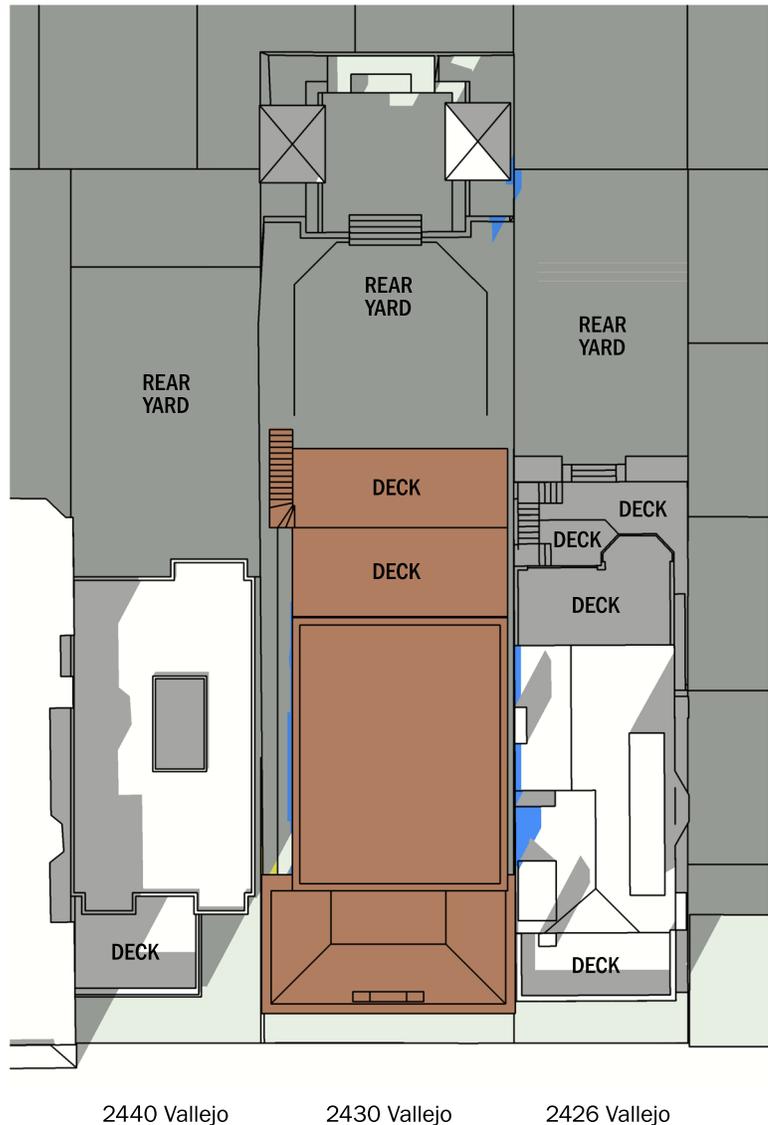
**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



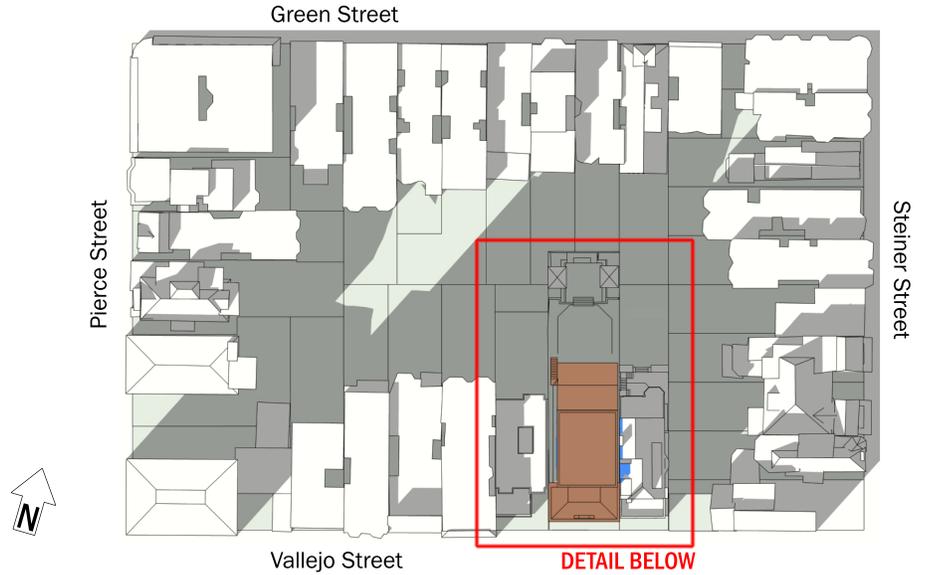
**1:22pm**

**WINTER SOLSTICE  
DECEMBER 21ST**

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



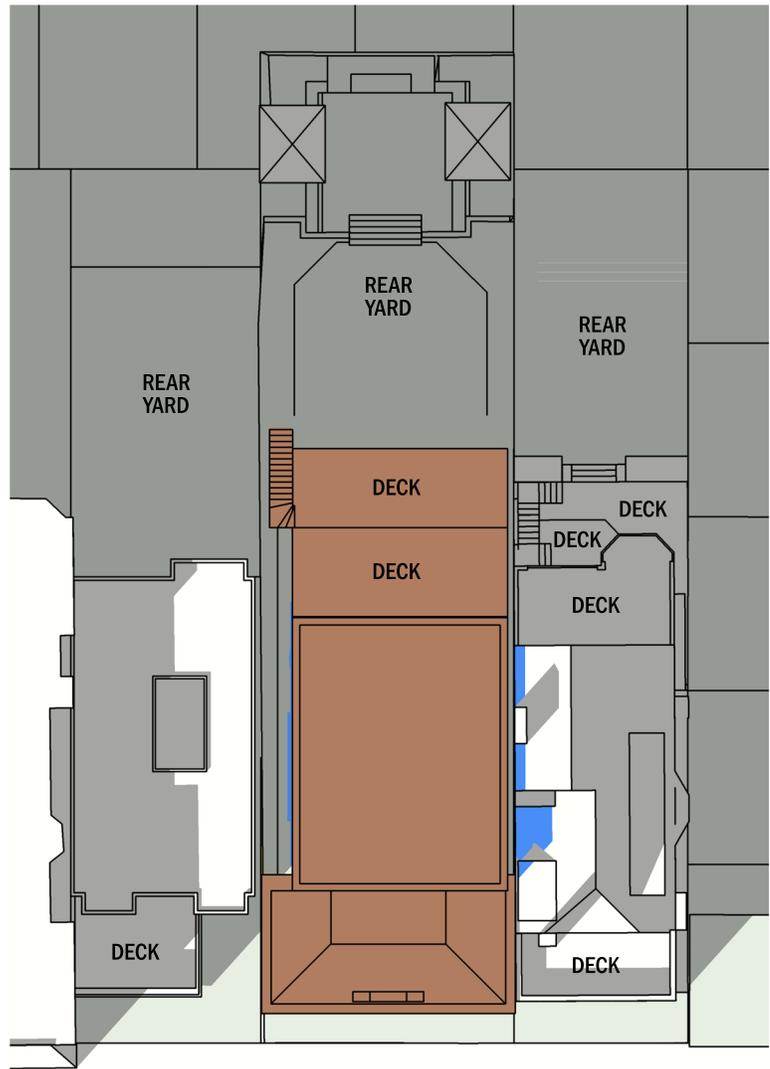
SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET



2:22pm

WINTER SOLSTICE  
DECEMBER 21ST

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

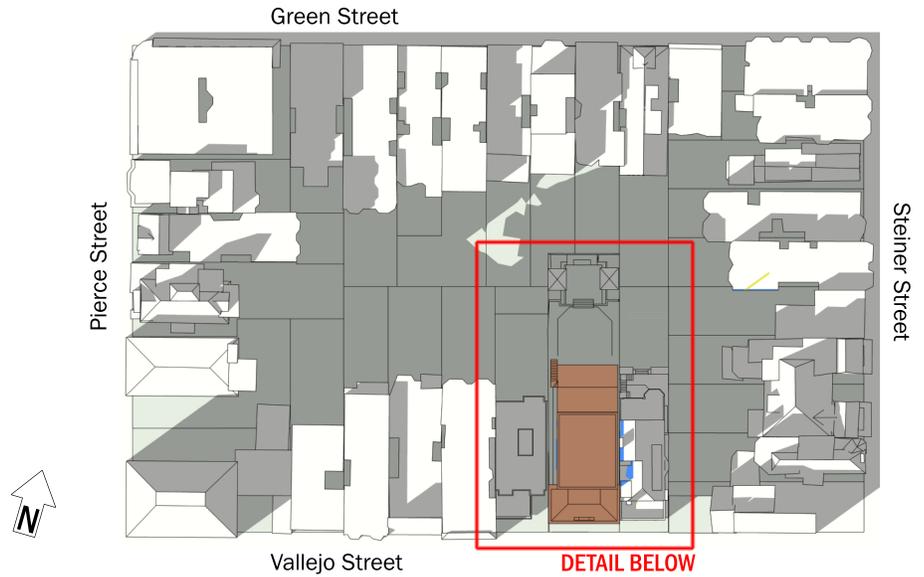


2440 Vallejo

2430 Vallejo

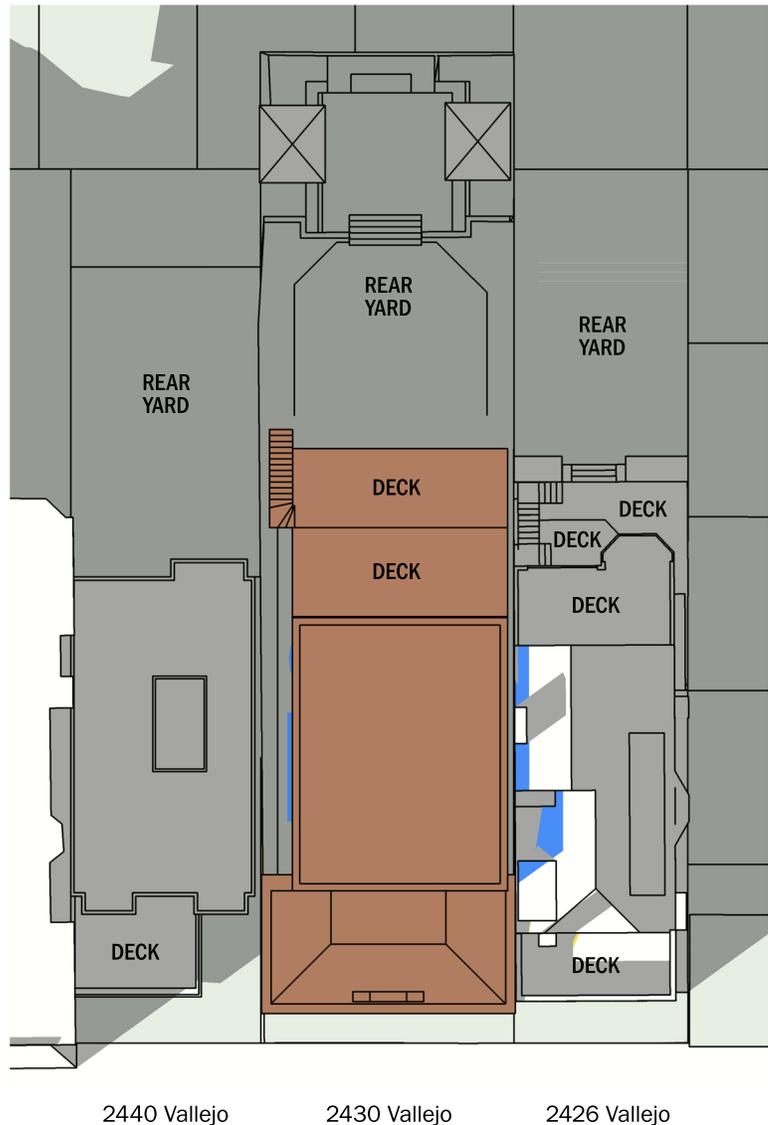
2426 Vallejo

**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

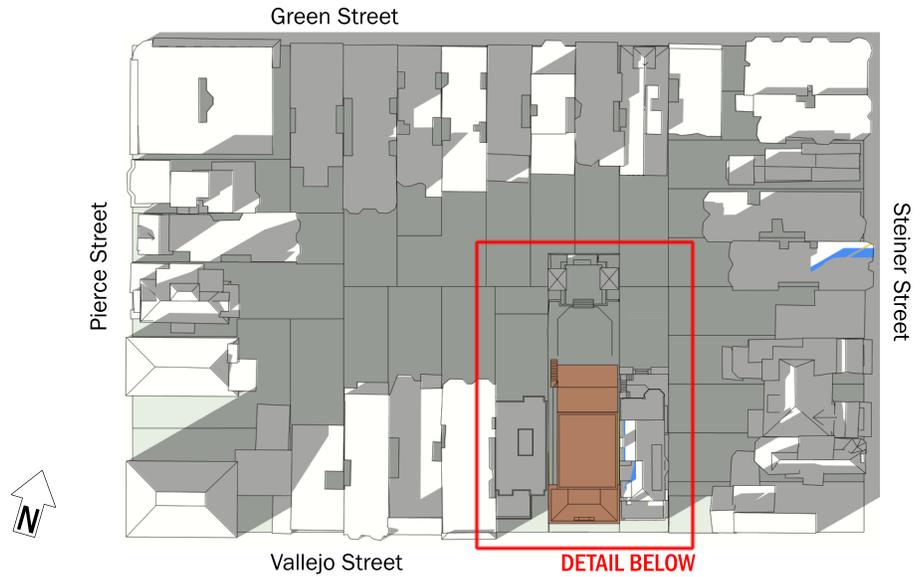


**3:22pm**  
WINTER SOLSTICE  
DECEMBER 21ST

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



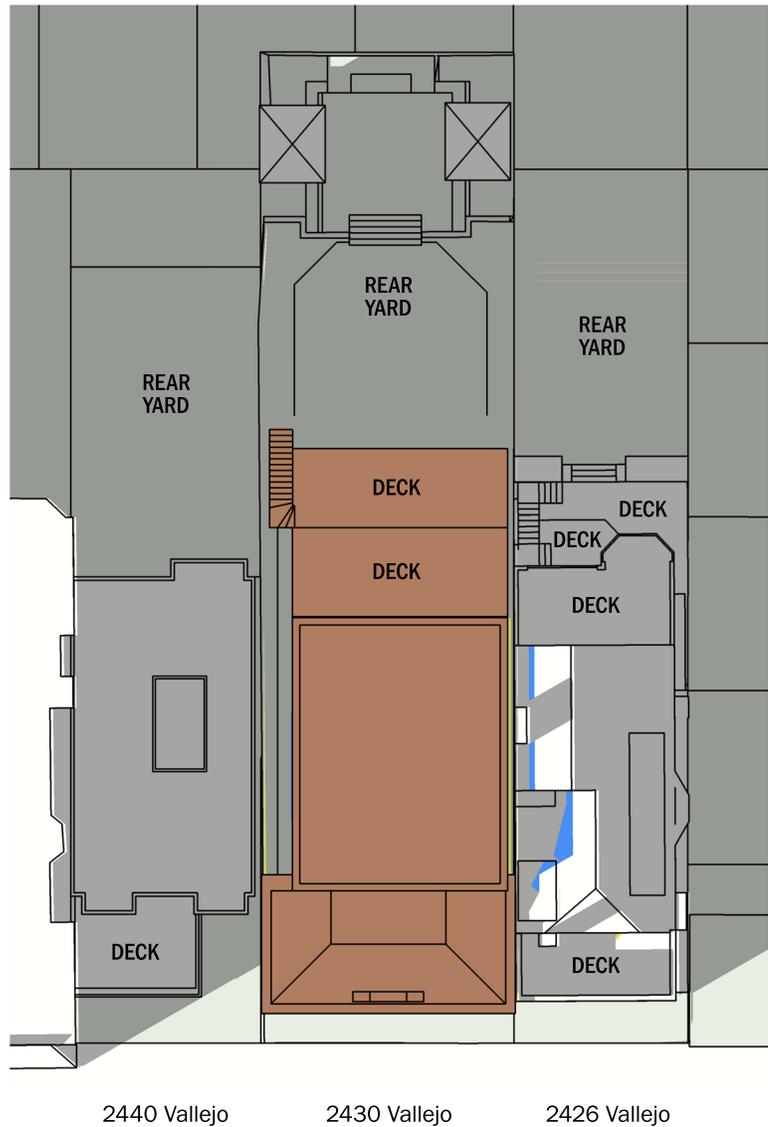
SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET



**3:55pm**

WINTER SOLSTICE  
DECEMBER 21ST

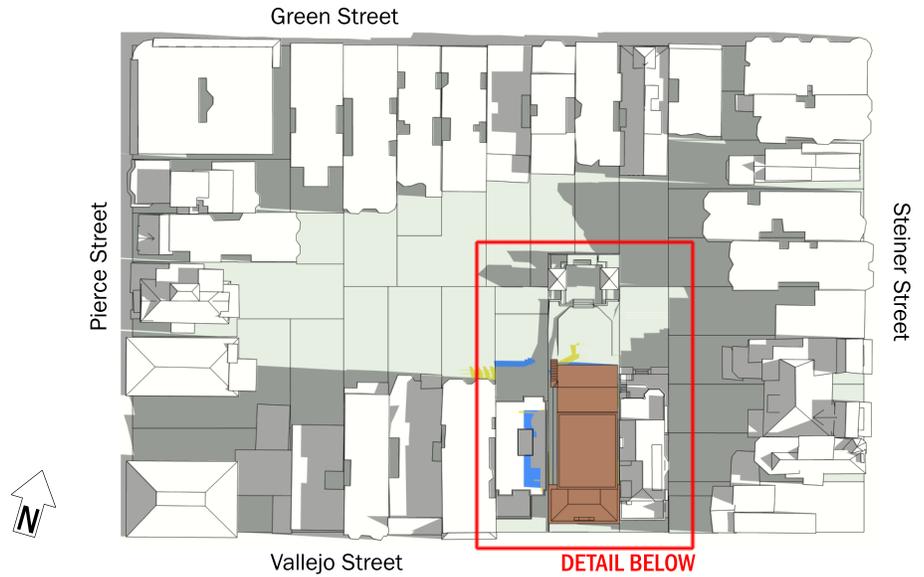
- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



**SHADOW DIAGRAMS FOR  
DAY OF MAXIMUM NEW SHADING IMPACT  
ON OPEN SPACES OF ADJACENT PROPERTIES**

**August 2nd**

**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

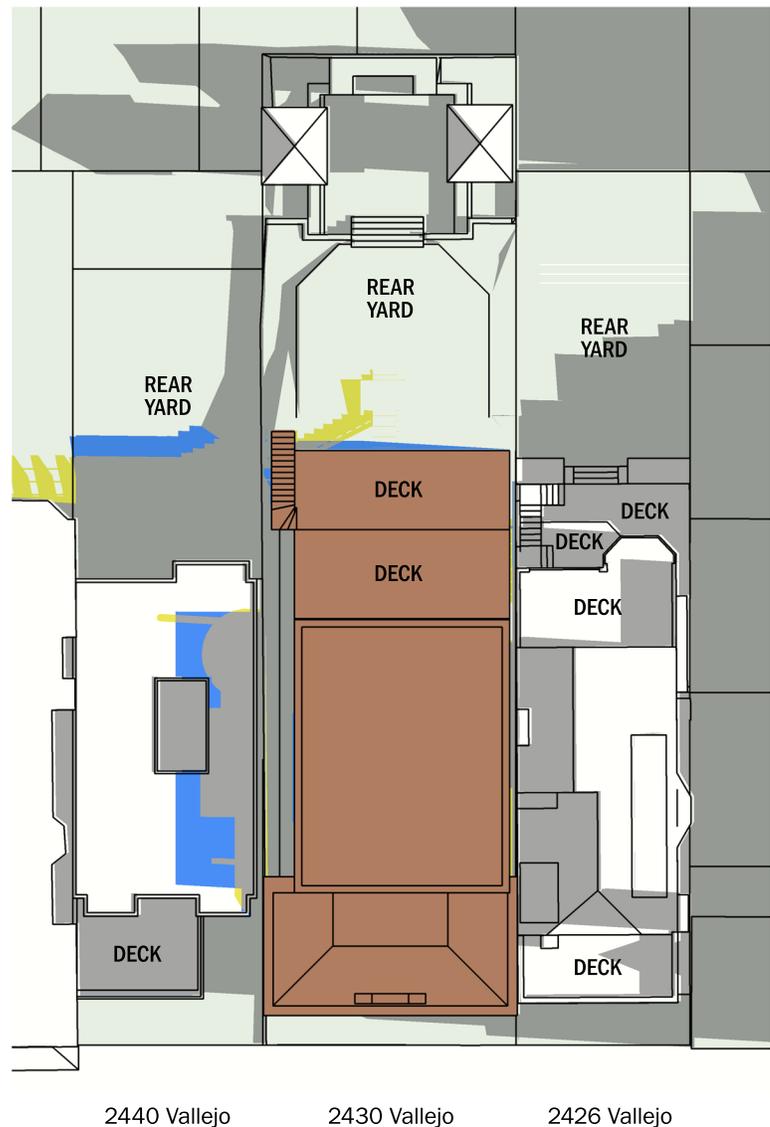


**8:14am**

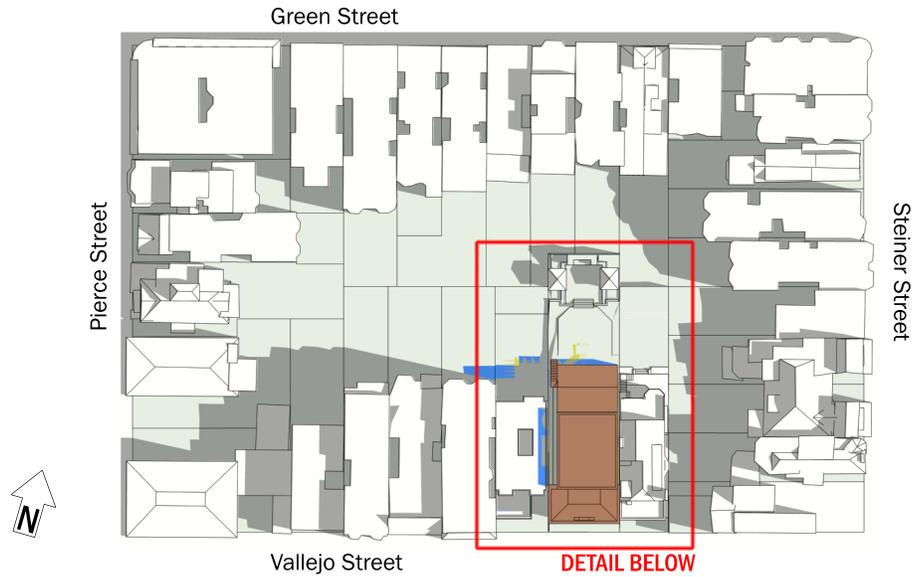
**AUGUST 2nd**

**DAY OF MAXIMUM NEW  
SHADING ON OPEN SPACES  
OF ADJACENT PROPERTIES**

-  2430 VALLEJO (RENOVATION SHOWN)
-  NEW SUNLIGHT DUE TO RENOVATION
-  NEW SHADOWS DUE TO RENOVATION
-  EXISTING SHADOWS (NO CHANGE)



**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

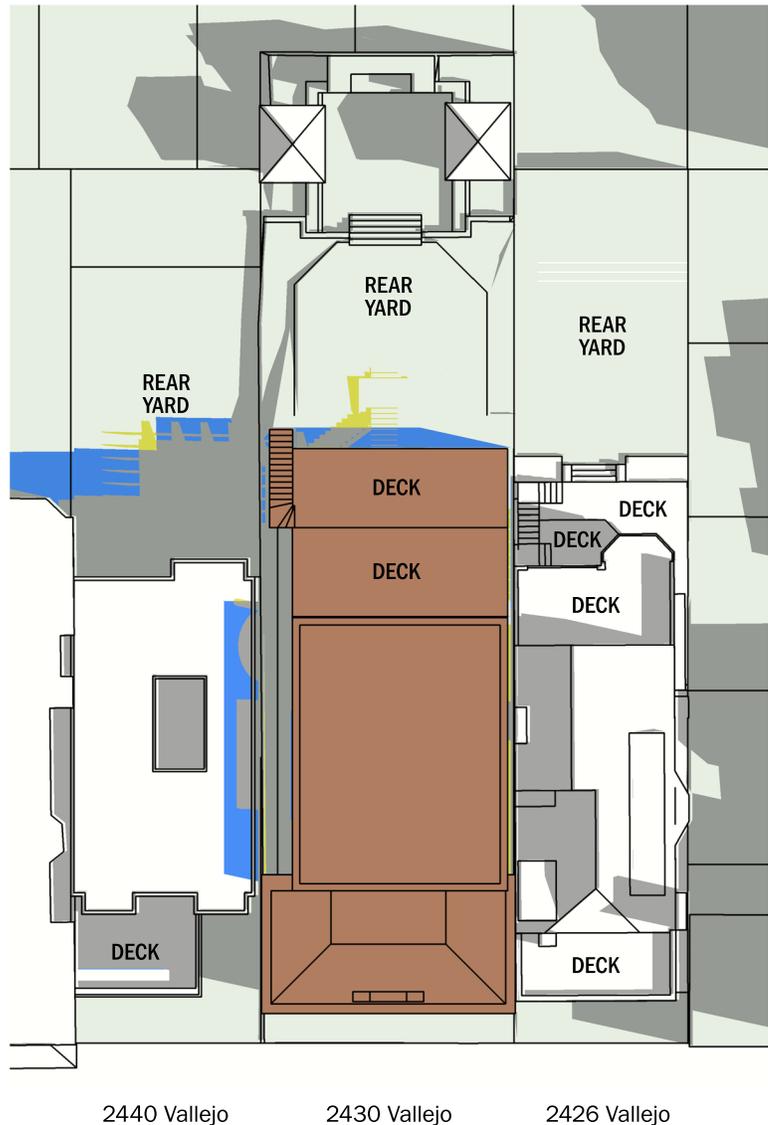


**9:14am**

**AUGUST 2nd**

**DAY OF MAXIMUM NEW  
SHADING ON OPEN SPACES  
OF ADJACENT PROPERTIES**

-  2430 VALLEJO (RENOVATION SHOWN)
-  NEW SUNLIGHT DUE TO RENOVATION
-  NEW SHADOWS DUE TO RENOVATION
-  EXISTING SHADOWS (NO CHANGE)



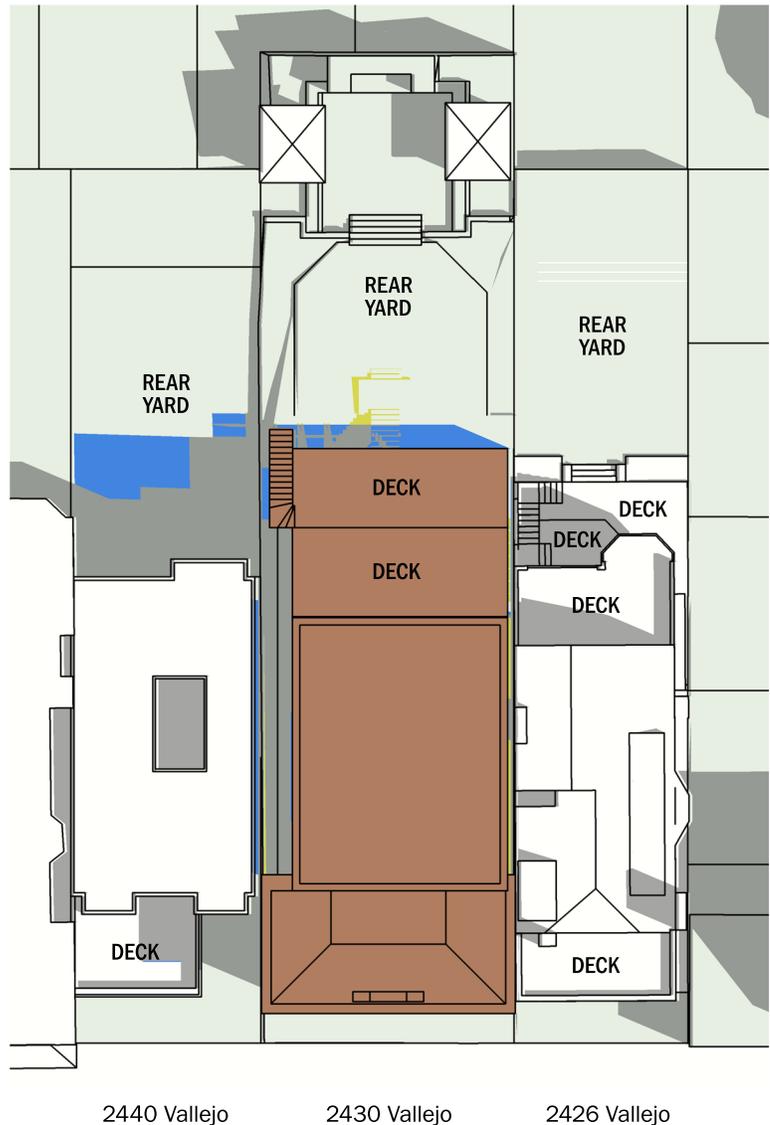
**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



**10:14am**

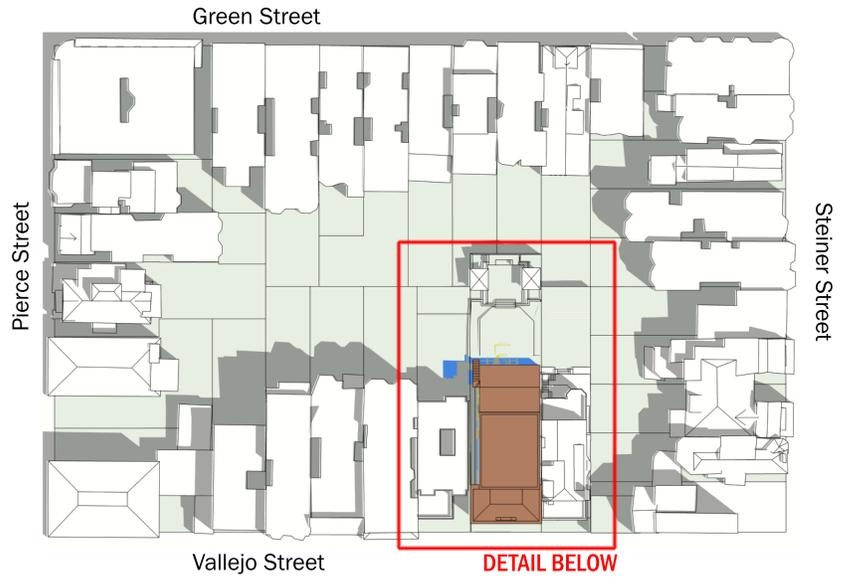
**AUGUST 2nd**

**DAY OF MAXIMUM NEW  
SHADING ON OPEN SPACES  
OF ADJACENT PROPERTIES**



- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

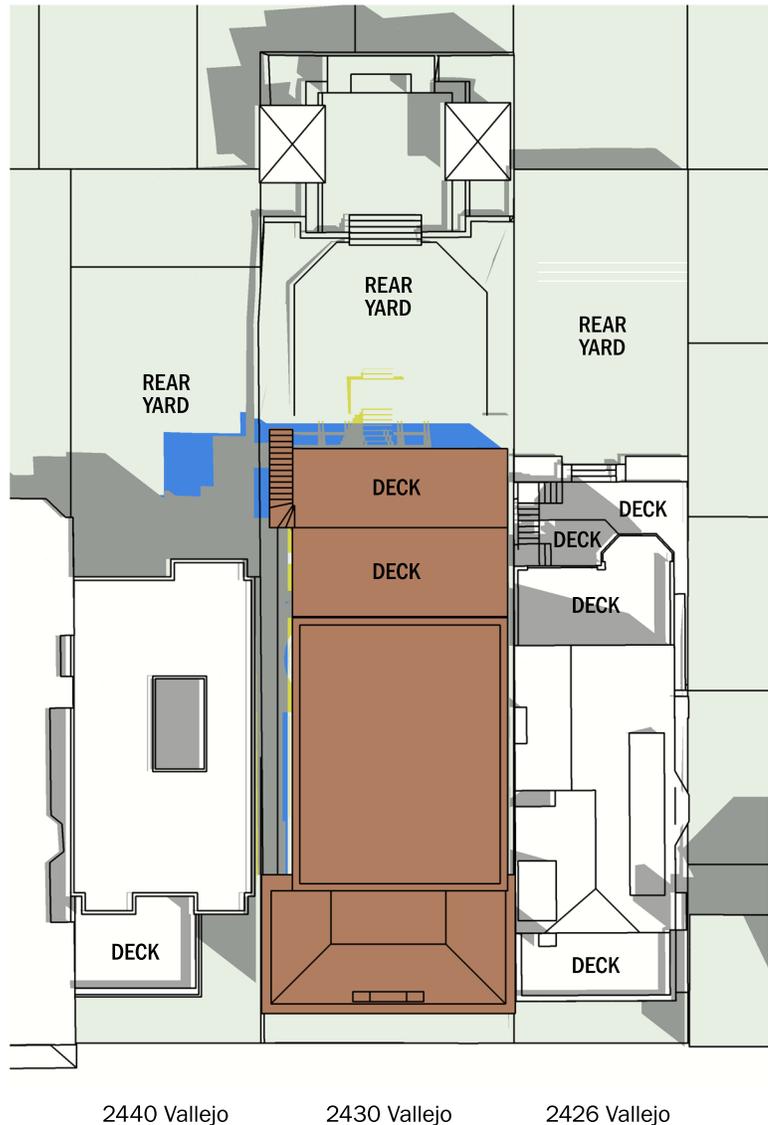
**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



**11:14am**

**AUGUST 2nd**

**DAY OF MAXIMUM NEW  
SHADING ON OPEN SPACES  
OF ADJACENT PROPERTIES**



- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)

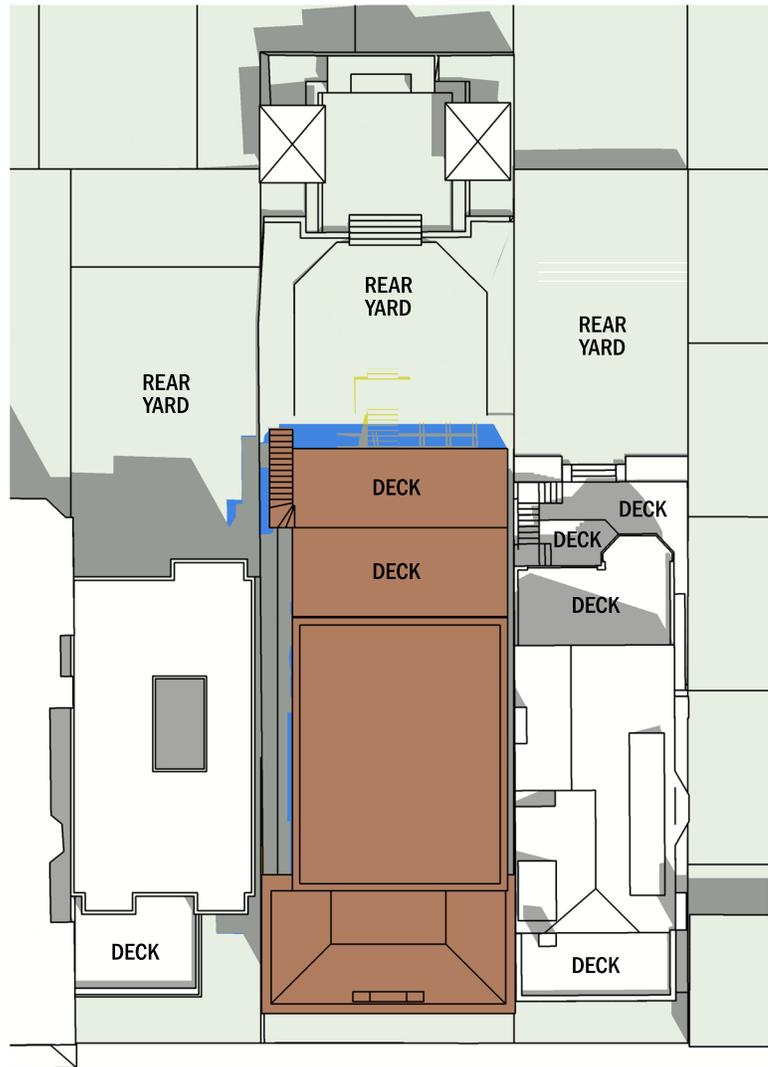
**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**



**12:14pm**

**AUGUST 2nd**

**DAY OF MAXIMUM NEW  
SHADING ON OPEN SPACES  
OF ADJACENT PROPERTIES**



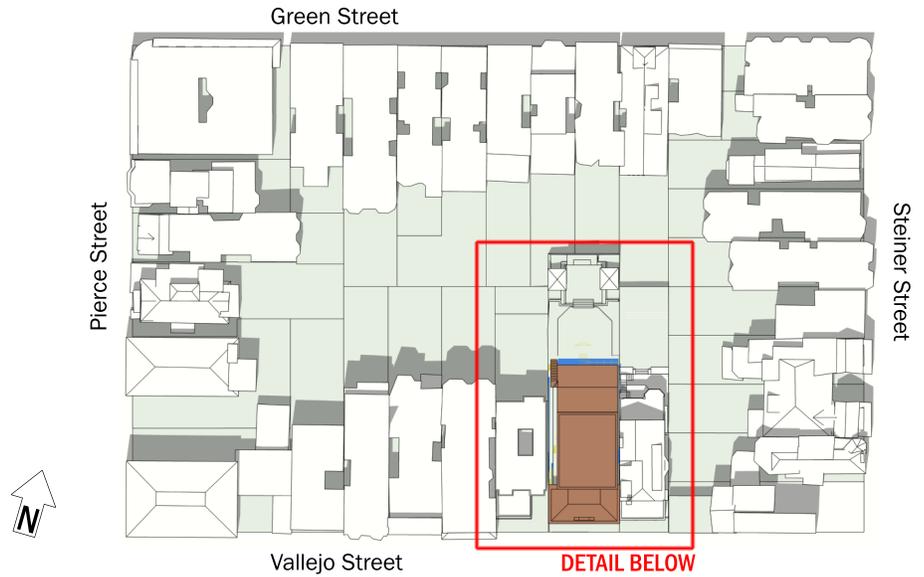
- 2430 VALLEJO (RENOVATION SHOWN)
- NEW SUNLIGHT DUE TO RENOVATION
- NEW SHADOWS DUE TO RENOVATION
- EXISTING SHADOWS (NO CHANGE)

2440 Vallejo

2430 Vallejo

2426 Vallejo

**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

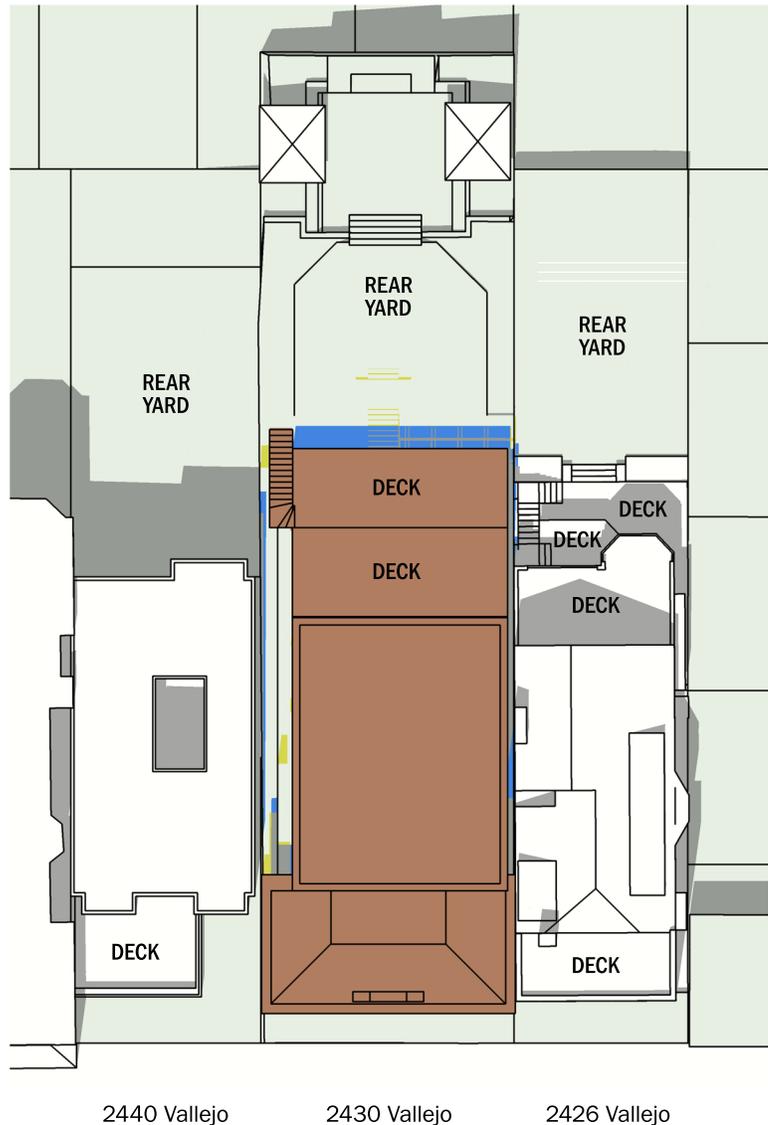


**1:14pm**

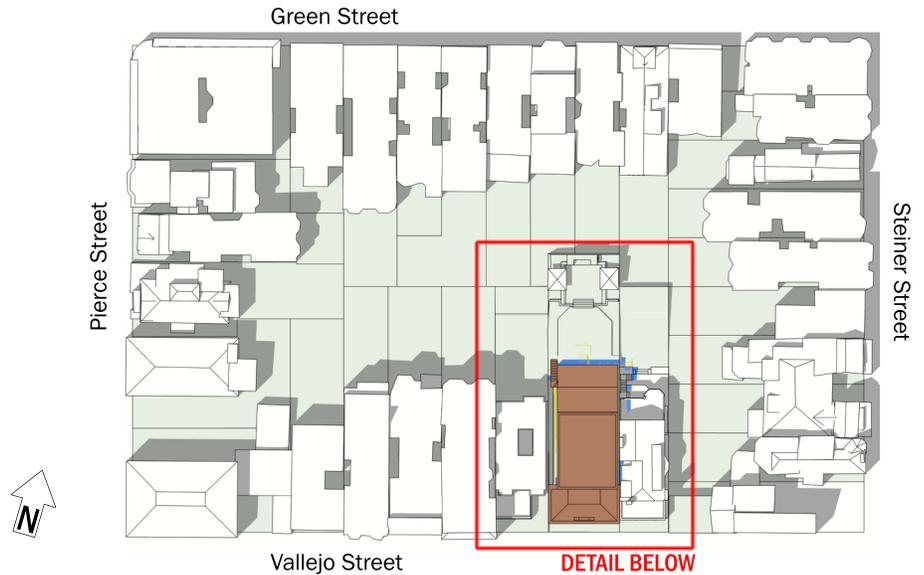
**AUGUST 2nd**

**DAY OF MAXIMUM NEW  
SHADING ON OPEN SPACES  
OF ADJACENT PROPERTIES**

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

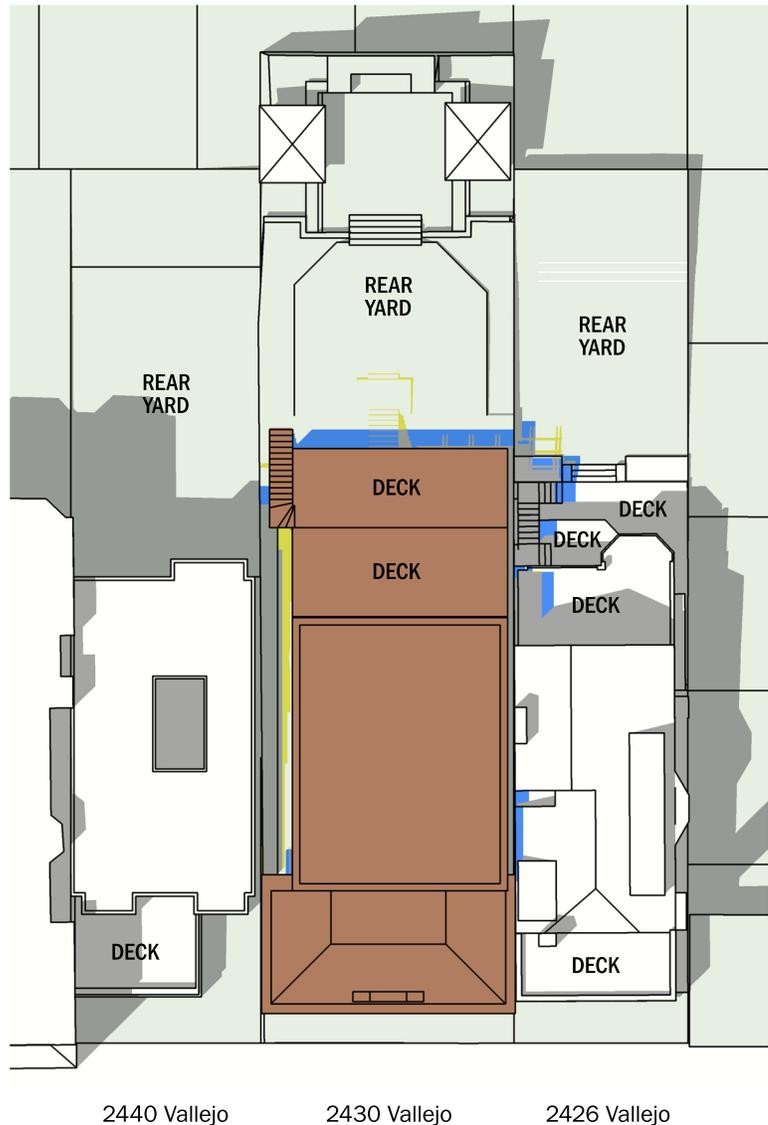


**2:14pm**

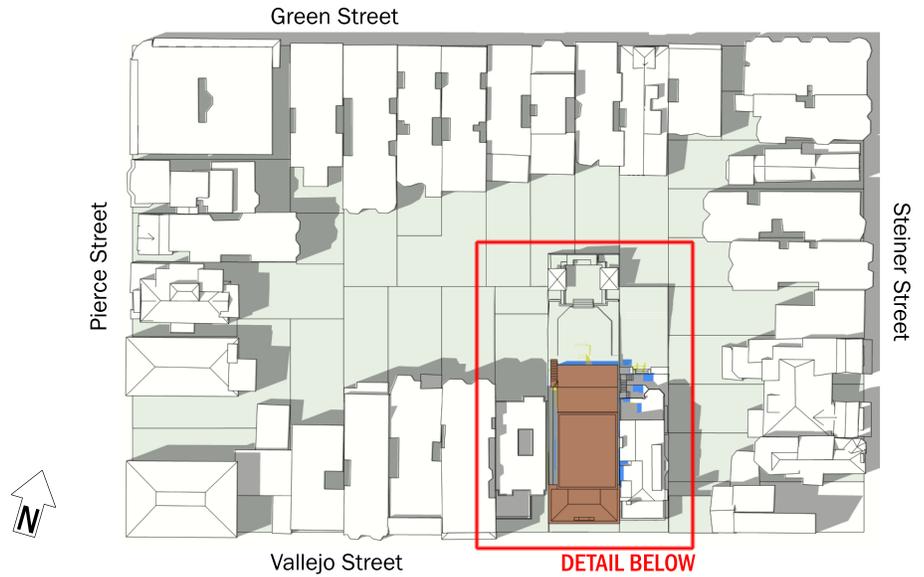
**AUGUST 2nd**

**DAY OF MAXIMUM NEW  
SHADING ON OPEN SPACES  
OF ADJACENT PROPERTIES**

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

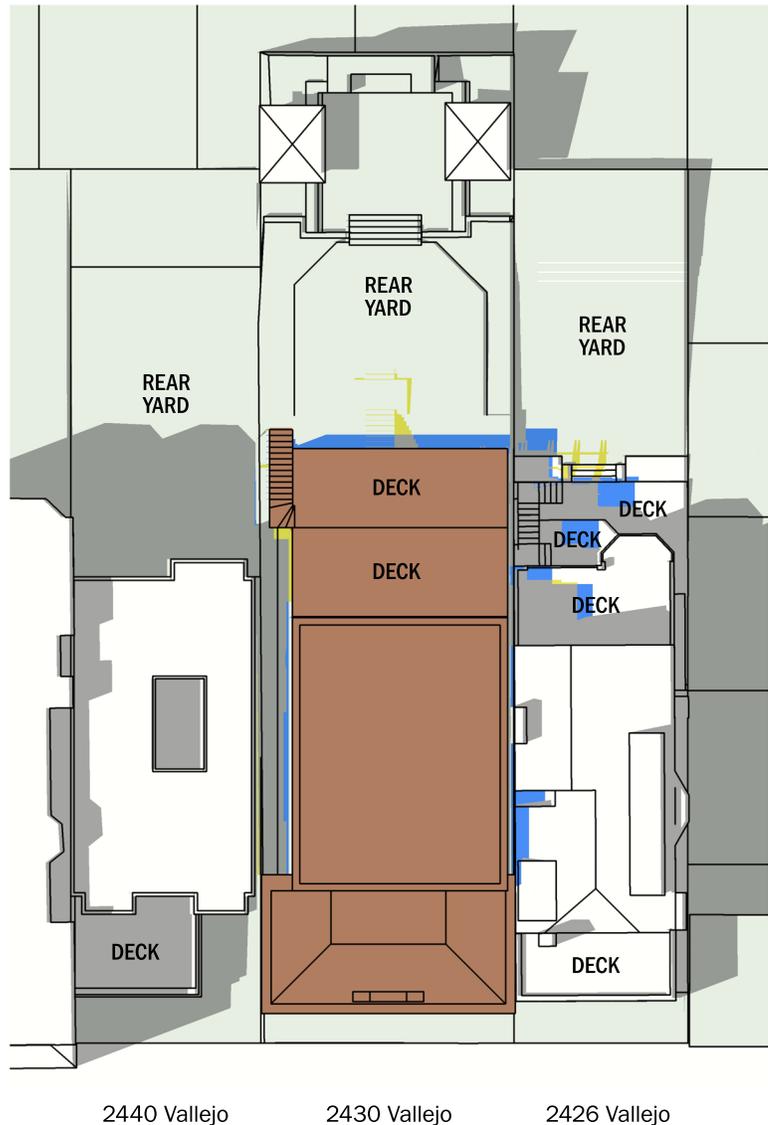


**3:14pm**

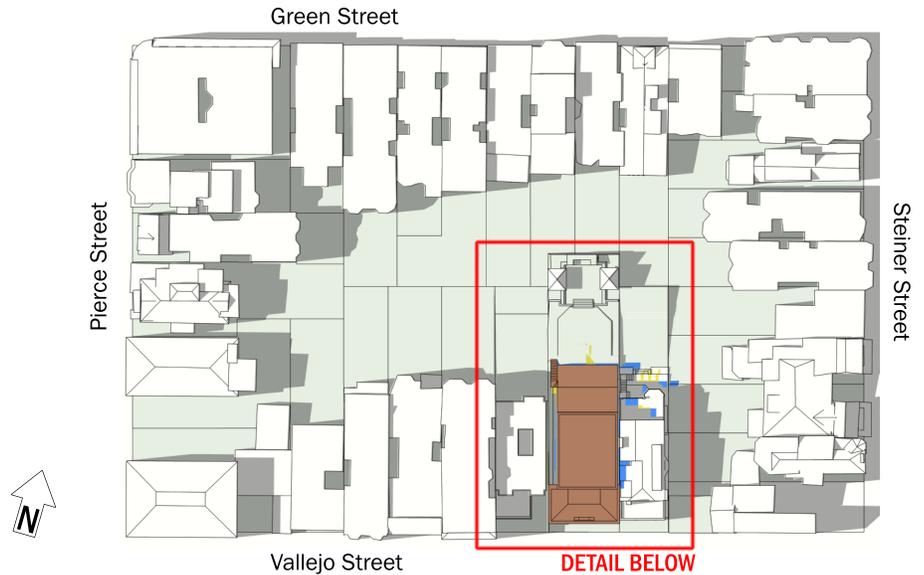
AUGUST 2nd

**DAY OF MAXIMUM NEW  
SHADING ON OPEN SPACES  
OF ADJACENT PROPERTIES**

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

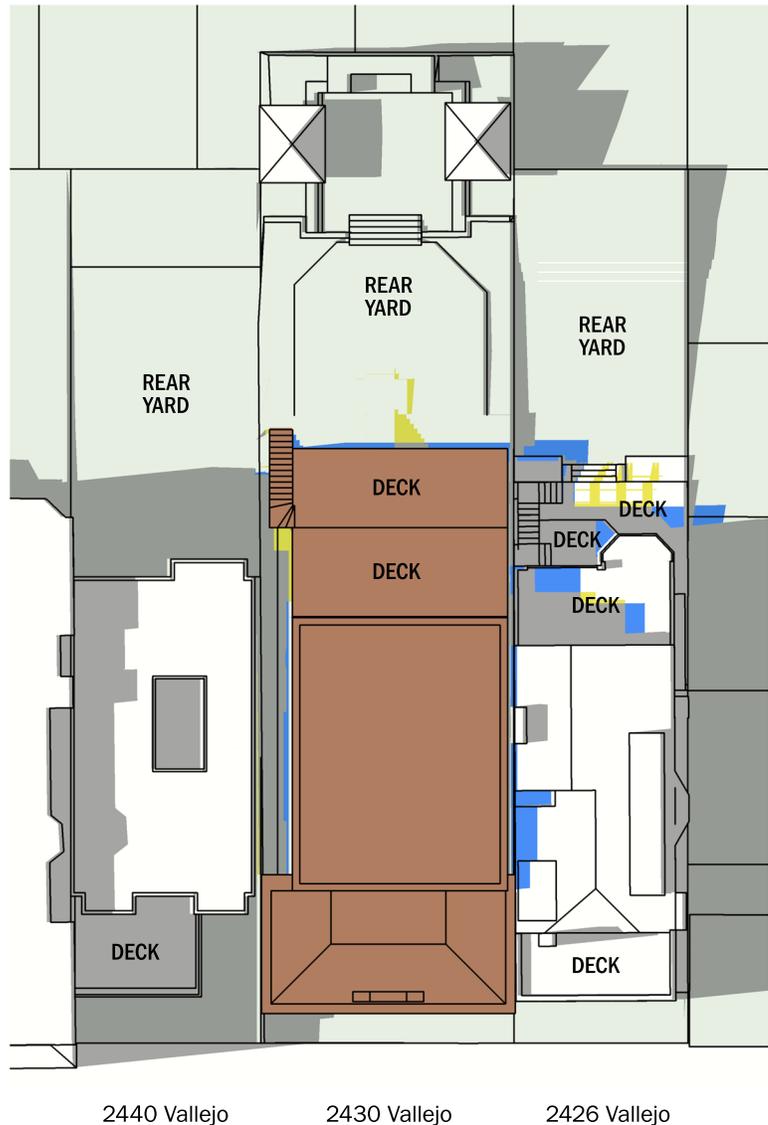


**4:14pm**

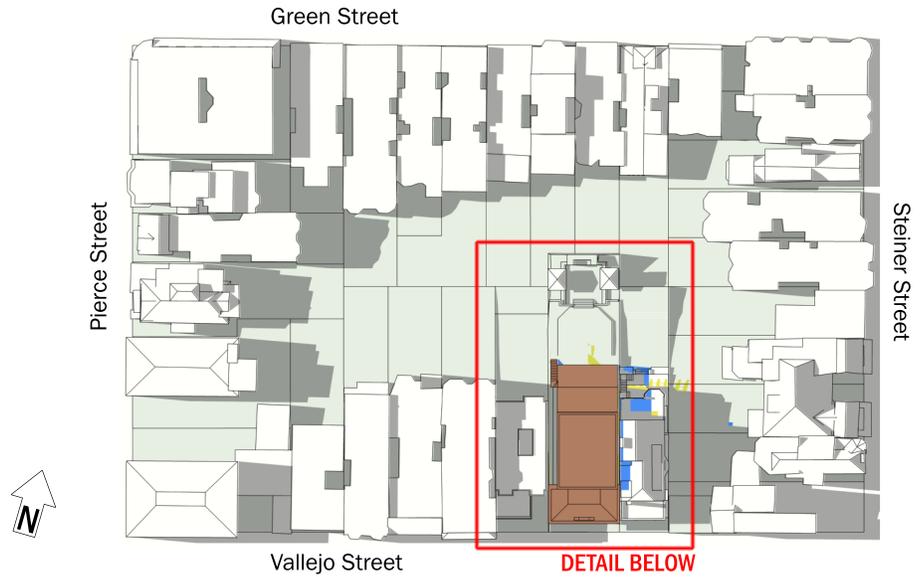
AUGUST 2nd

**DAY OF MAXIMUM NEW  
SHADING ON OPEN SPACES  
OF ADJACENT PROPERTIES**

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

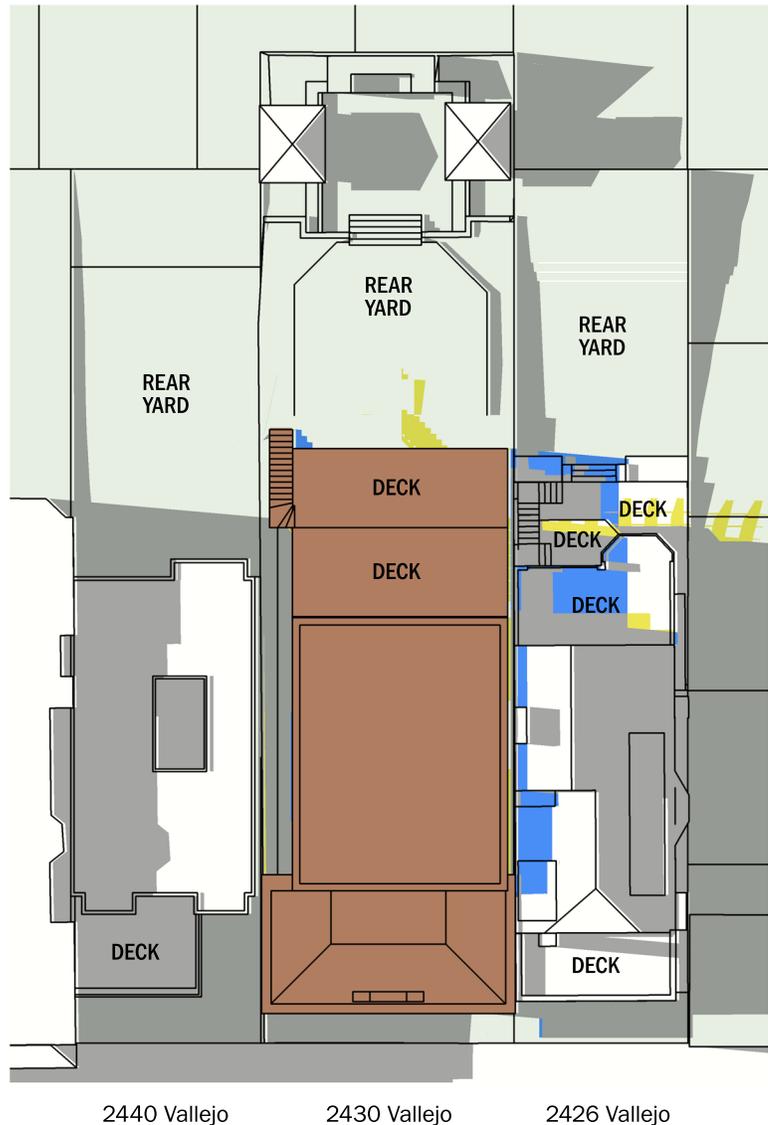


**5:14pm**

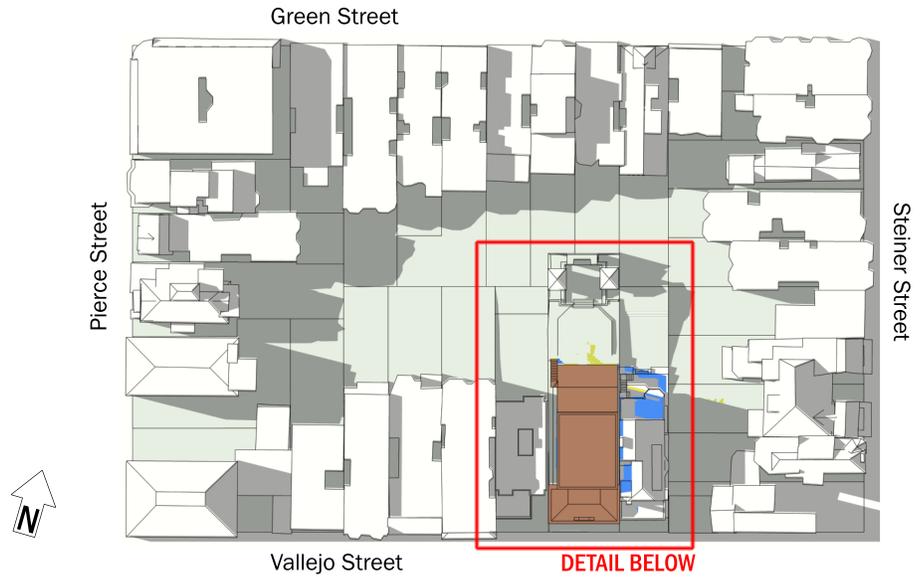
AUGUST 2nd

**DAY OF MAXIMUM NEW  
SHADING ON OPEN SPACES  
OF ADJACENT PROPERTIES**

-  2430 VALLEJO (RENOVATION SHOWN)
-  NEW SUNLIGHT DUE TO RENOVATION
-  NEW SHADOWS DUE TO RENOVATION
-  EXISTING SHADOWS (NO CHANGE)



**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

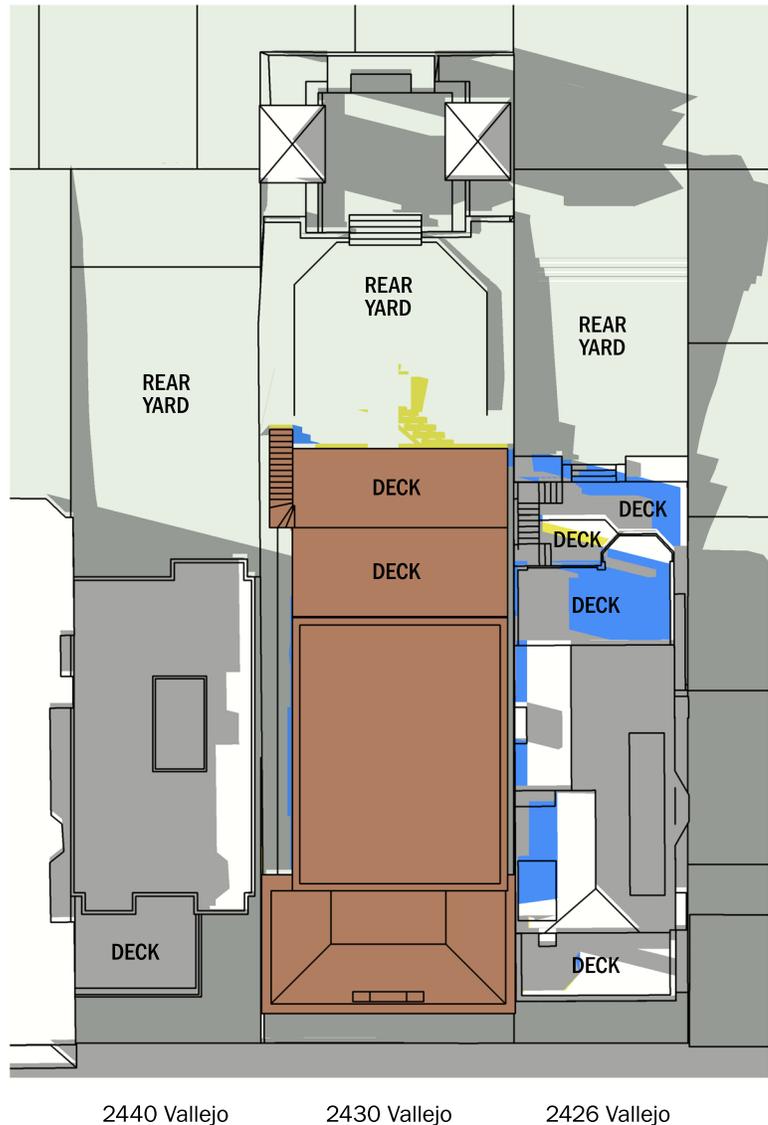


**6:14pm**

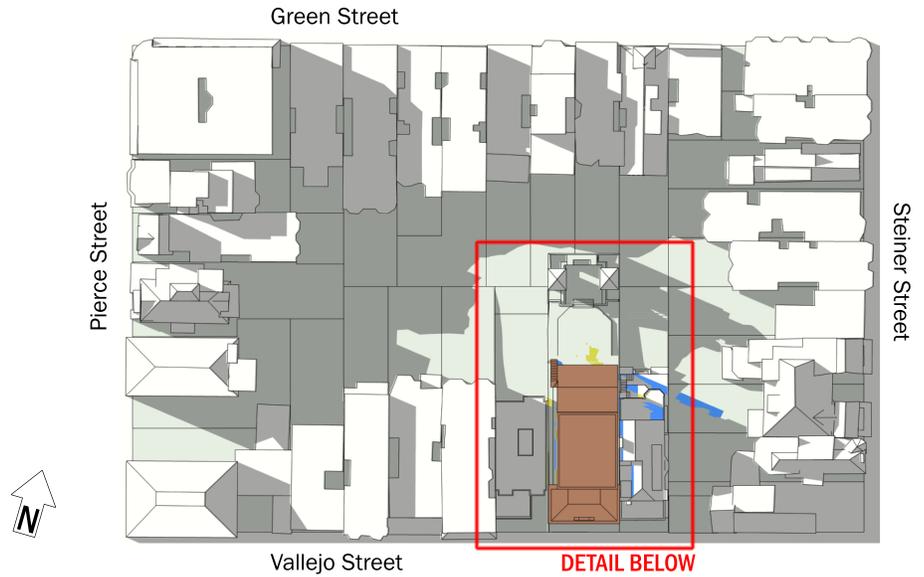
AUGUST 2nd

**DAY OF MAXIMUM NEW  
SHADING ON OPEN SPACES  
OF ADJACENT PROPERTIES**

- 2430 VALLEJO  
(RENOVATION SHOWN)
- NEW SUNLIGHT DUE  
TO RENOVATION
- NEW SHADOWS DUE  
TO RENOVATION
- EXISTING SHADOWS  
(NO CHANGE)



**SHADOW DIAGRAMS  
OF CHANGES IN SHADING  
CONDITIONS DUE TO  
THE PROPOSED  
RENOVATION AT  
2430 VALLEJO STREET**

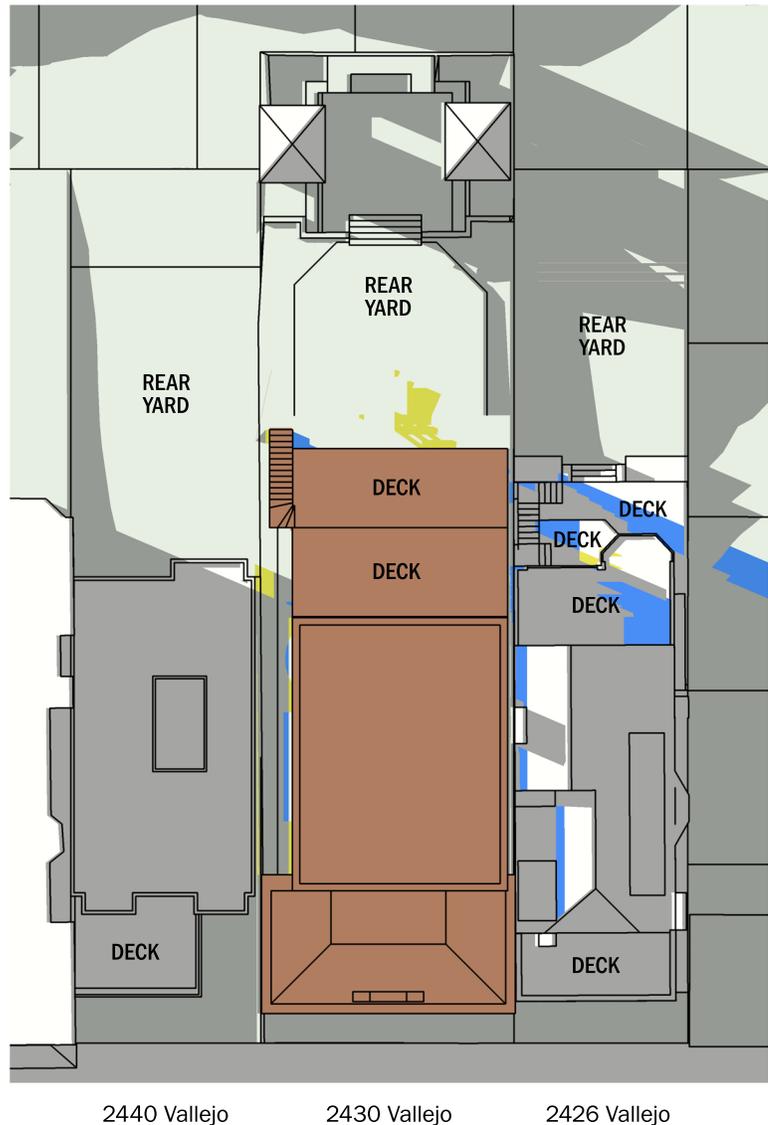


**6:12pm**

AUGUST 2nd

**DAY OF MAXIMUM NEW  
SHADING ON OPEN SPACES  
OF ADJACENT PROPERTIES**

-  2430 VALLEJO  
(RENOVATION SHOWN)
-  NEW SUNLIGHT DUE  
TO RENOVATION
-  NEW SHADOWS DUE  
TO RENOVATION
-  EXISTING SHADOWS  
(NO CHANGE)



2440 Vallejo

2430 Vallejo

2426 Vallejo

# **SHADOW ANALYSIS QUANTITATIVE DATA**

**Full Year**

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

1/14/2014

Analysis Area (sf): 4499.92

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
21-Jun	6:48 AM	0.20	3,805.80	719.31	13.99	5.50	0.8%
21-Jun	7:00 AM	0.25	3,387.33	787.34	41.05	13.82	1.8%
21-Jun	7:15 AM	0.25	2,911.35	657.27	69.51	19.73	3.0%
21-Jun	7:30 AM	0.25	2,346.78	530.58	88.30	22.45	4.2%
21-Jun	7:45 AM	0.25	1,897.83	439.66	91.34	22.46	5.1%
21-Jun	8:00 AM	0.25	1,619.49	371.28	88.33	18.76	5.1%
21-Jun	8:15 AM	0.25	1,350.75	311.15	61.72	10.82	3.5%
21-Jun	8:30 AM	0.25	1,138.47	273.07	24.83	9.58	3.5%
21-Jun	8:45 AM	0.25	1,046.10	255.30	51.84	16.71	6.5%
21-Jun	9:00 AM	0.25	996.33	244.28	81.81	21.89	9.0%
21-Jun	9:15 AM	0.25	957.88	232.68	93.31	25.59	11.0%
21-Jun	9:30 AM	0.25	903.52	220.26	111.40	29.97	13.6%
21-Jun	9:45 AM	0.25	858.56	209.69	128.33	33.90	16.2%
21-Jun	10:00 AM	0.25	818.96	200.43	142.84	33.57	16.7%
21-Jun	10:15 AM	0.25	784.48	192.37	125.72	29.22	15.2%
21-Jun	10:30 AM	0.25	754.51	186.15	108.01	24.93	13.4%
21-Jun	10:45 AM	0.25	734.66	181.37	91.47	20.88	11.5%
21-Jun	11:00 AM	0.25	716.31	178.53	75.61	16.88	9.5%
21-Jun	11:15 AM	0.25	711.94	177.23	59.40	13.02	7.3%
21-Jun	11:30 AM	0.25	705.87	175.01	44.78	9.00	5.1%
21-Jun	11:45 AM	0.25	694.23	171.50	27.19	4.52	2.6%
21-Jun	12:00 PM	0.25	677.76	166.85	9.00	0.82	0.5%
21-Jun	12:15 PM	0.25	657.06	161.57	-2.47	-2.50	-1.5%
21-Jun	12:30 PM	0.25	635.51	156.08	-17.51	-3.68	-2.4%
21-Jun	12:45 PM	0.25	613.11	151.08	-11.90	-1.53	-1.0%
21-Jun	1:00 PM	0.25	595.50	157.67	-0.31	0.26	0.2%
21-Jun	1:15 PM	0.25	665.83	173.57	2.40	1.16	0.7%
21-Jun	1:30 PM	0.25	722.76	186.86	6.85	2.72	1.5%
21-Jun	1:45 PM	0.25	772.15	198.88	14.90	4.96	2.5%
21-Jun	2:00 PM	0.25	818.92	210.04	24.81	7.87	3.7%
21-Jun	2:15 PM	0.25	861.42	221.55	38.17	11.05	5.0%
21-Jun	2:30 PM	0.25	910.96	234.83	50.23	13.46	5.7%
21-Jun	2:45 PM	0.25	967.70	249.01	57.46	15.17	6.1%
21-Jun	3:00 PM	0.25	1,024.37	262.67	63.88	16.03	6.1%
21-Jun	3:15 PM	0.25	1,076.99	267.37	64.36	16.19	6.1%
21-Jun	3:30 PM	0.25	1,061.98	262.10	65.13	14.75	5.6%
21-Jun	3:45 PM	0.25	1,034.84	255.82	52.88	11.83	4.6%
21-Jun	4:00 PM	0.25	1,011.75	254.12	41.76	9.25	3.6%
21-Jun	4:15 PM	0.25	1,021.24	257.45	32.26	7.32	2.8%
21-Jun	4:30 PM	0.25	1,038.37	260.94	26.26	6.93	2.7%
21-Jun	4:45 PM	0.25	1,049.12	262.29	29.14	8.97	3.4%
21-Jun	5:00 PM	0.25	1,049.19	262.66	42.61	14.34	5.5%
21-Jun	5:15 PM	0.25	1,052.07	264.18	72.12	23.32	8.8%
21-Jun	5:30 PM	0.25	1,061.38	267.80	114.45	34.51	12.9%
21-Jun	5:45 PM	0.25	1,081.02	275.77	161.62	45.28	16.4%
21-Jun	6:00 PM	0.25	1,125.13	290.45	200.58	53.71	18.5%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

1/14/2014

Analysis Area (sf): 4499.92

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
21-Jun	6:15 PM	0.25	1,198.49	313.52	229.09	56.84	18.1%
21-Jun	6:30 PM	0.25	1,309.70	343.67	225.60	54.80	15.9%
21-Jun	6:45 PM	0.25	1,439.67	376.86	212.81	49.37	13.1%
21-Jun	7:00 PM	0.25	1,575.17	412.73	182.13	40.80	9.9%
21-Jun	7:15 PM	0.25	1,726.67	461.93	144.26	30.22	6.5%
21-Jun	7:30 PM	0.09	1,968.74	181.45	97.48	8.08	4.5%
21-Jun	7:35 PM	0.00	2,063.49		81.97		
28-Jun	6:50 AM	0.17	3,816.23	618.91	14.22	4.17	0.7%
28-Jun	7:00 AM	0.25	3,465.10	806.18	34.80	12.41	1.5%
28-Jun	7:15 AM	0.25	2,984.31	676.00	64.48	18.78	2.8%
28-Jun	7:30 AM	0.25	2,423.66	546.99	85.76	22.05	4.0%
28-Jun	7:45 AM	0.25	1,952.26	451.41	90.60	22.36	5.0%
28-Jun	8:00 AM	0.25	1,658.99	381.33	88.28	19.01	5.0%
28-Jun	8:15 AM	0.25	1,391.67	318.18	63.77	11.66	3.7%
28-Jun	8:30 AM	0.25	1,153.76	276.53	29.50	9.75	3.5%
28-Jun	8:45 AM	0.25	1,058.51	258.04	48.47	16.14	6.3%
28-Jun	9:00 AM	0.25	1,005.78	247.01	80.61	21.59	8.7%
28-Jun	9:15 AM	0.25	970.26	235.62	92.14	25.33	10.7%
28-Jun	9:30 AM	0.25	914.74	222.82	110.49	29.84	13.4%
28-Jun	9:45 AM	0.25	867.80	211.91	128.19	33.89	16.0%
28-Jun	10:00 AM	0.25	827.45	202.56	142.95	33.99	16.8%
28-Jun	10:15 AM	0.25	793.01	194.53	128.99	30.04	15.4%
28-Jun	10:30 AM	0.25	763.19	188.32	111.31	25.71	13.7%
28-Jun	10:45 AM	0.25	743.40	183.49	94.35	21.53	11.7%
28-Jun	11:00 AM	0.25	724.49	180.48	77.87	17.45	9.7%
28-Jun	11:15 AM	0.25	719.38	179.18	61.71	13.52	7.5%
28-Jun	11:30 AM	0.25	714.03	177.00	46.44	9.44	5.3%
28-Jun	11:45 AM	0.25	701.98	173.45	29.11	4.99	2.9%
28-Jun	12:00 PM	0.25	685.63	169.05	10.81	1.15	0.7%
28-Jun	12:15 PM	0.25	666.78	163.89	-1.63	-2.20	-1.3%
28-Jun	12:30 PM	0.25	644.33	158.66	-16.00	-3.59	-2.3%
28-Jun	12:45 PM	0.25	624.98	153.53	-12.72	-1.64	-1.1%
28-Jun	1:00 PM	0.25	603.22	159.03	-0.42	0.22	0.1%
28-Jun	1:15 PM	0.25	669.00	174.74	2.20	1.01	0.6%
28-Jun	1:30 PM	0.25	728.88	188.33	5.84	2.45	1.3%
28-Jun	1:45 PM	0.25	777.76	200.23	13.76	4.67	2.3%
28-Jun	2:00 PM	0.25	824.09	211.58	23.60	7.46	3.5%
28-Jun	2:15 PM	0.25	868.52	222.91	36.10	10.74	4.8%
28-Jun	2:30 PM	0.25	914.78	235.87	49.82	13.43	5.7%
28-Jun	2:45 PM	0.25	972.15	250.23	57.60	15.14	6.0%
28-Jun	3:00 PM	0.25	1,029.67	264.06	63.49	16.14	6.1%
28-Jun	3:15 PM	0.25	1,082.81	269.50	65.62	16.56	6.1%
28-Jun	3:30 PM	0.25	1,073.21	265.06	66.88	15.17	5.7%
28-Jun	3:45 PM	0.25	1,047.31	258.77	54.49	12.12	4.7%
28-Jun	4:00 PM	0.25	1,022.85	255.73	42.44	9.72	3.8%
28-Jun	4:15 PM	0.25	1,022.97	258.28	35.28	7.59	2.9%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

1/14/2014

Analysis Area (sf): 4499.92

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
28-Jun	4:30 PM	0.25	1,043.25	262.33	25.42	6.55	2.5%
28-Jun	4:45 PM	0.25	1,055.37	263.86	26.96	8.32	3.2%
28-Jun	5:00 PM	0.25	1,055.49	263.85	39.60	13.74	5.2%
28-Jun	5:15 PM	0.25	1,055.27	265.06	70.34	22.36	8.4%
28-Jun	5:30 PM	0.25	1,065.24	268.66	108.53	33.26	12.4%
28-Jun	5:45 PM	0.25	1,084.01	276.04	157.58	44.62	16.2%
28-Jun	6:00 PM	0.25	1,124.33	289.96	199.39	53.42	18.4%
28-Jun	6:15 PM	0.25	1,195.35	312.55	227.94	56.81	18.2%
28-Jun	6:30 PM	0.25	1,305.06	342.13	226.51	55.17	16.1%
28-Jun	6:45 PM	0.25	1,431.94	375.21	214.85	50.03	13.3%
28-Jun	7:00 PM	0.25	1,569.70	411.26	185.40	41.83	10.2%
28-Jun	7:15 PM	0.25	1,720.36	459.46	149.22	31.59	6.9%
28-Jun	7:30 PM	0.10	1,955.31	201.32	103.47	9.33	4.6%
28-Jun	7:36 PM	0.00	2,071.17		83.21		
5-Jul	6:45 AM	0.25	4,209.67	973.53	3.73	3.84	0.4%
5-Jul	7:00 AM	0.25	3,578.55	831.34	27.01	10.53	1.3%
5-Jul	7:15 AM	0.25	3,072.16	701.43	57.19	17.03	2.4%
5-Jul	7:30 AM	0.25	2,539.30	572.33	79.06	20.89	3.7%
5-Jul	7:45 AM	0.25	2,039.33	469.55	88.08	21.93	4.7%
5-Jul	8:00 AM	0.25	1,717.03	396.33	87.39	19.61	4.9%
5-Jul	8:15 AM	0.25	1,453.61	331.63	69.52	13.23	4.0%
5-Jul	8:30 AM	0.25	1,199.44	285.56	36.31	10.14	3.6%
5-Jul	8:45 AM	0.25	1,085.06	263.73	44.81	15.59	5.9%
5-Jul	9:00 AM	0.25	1,024.81	252.34	79.92	21.56	8.5%
5-Jul	9:15 AM	0.25	993.92	241.56	92.53	25.42	10.5%
5-Jul	9:30 AM	0.25	938.56	228.19	110.83	30.18	13.2%
5-Jul	9:45 AM	0.25	886.99	216.71	130.64	34.41	15.9%
5-Jul	10:00 AM	0.25	846.67	207.18	144.65	34.96	16.9%
5-Jul	10:15 AM	0.25	810.77	199.20	135.05	31.51	15.8%
5-Jul	10:30 AM	0.25	782.83	192.85	117.00	27.05	14.0%
5-Jul	10:45 AM	0.25	759.97	187.63	99.41	22.70	12.1%
5-Jul	11:00 AM	0.25	741.03	184.66	82.18	18.41	10.0%
5-Jul	11:15 AM	0.25	736.28	183.78	65.13	14.27	7.8%
5-Jul	11:30 AM	0.25	733.94	182.23	49.07	10.12	5.6%
5-Jul	11:45 AM	0.25	723.91	178.89	31.86	5.65	3.2%
5-Jul	12:00 PM	0.25	707.23	174.44	13.31	1.62	0.9%
5-Jul	12:15 PM	0.25	688.29	169.42	-0.33	-1.87	-1.1%
5-Jul	12:30 PM	0.25	667.03	164.40	-14.62	-3.56	-2.2%
5-Jul	12:45 PM	0.25	648.20	159.78	-13.87	-1.99	-1.2%
5-Jul	1:00 PM	0.25	630.01	164.83	-2.02	0.01	0.0%
5-Jul	1:15 PM	0.25	688.66	179.77	2.13	0.88	0.5%
5-Jul	1:30 PM	0.25	749.50	193.54	4.95	2.26	1.2%
5-Jul	1:45 PM	0.25	798.78	205.79	13.17	4.37	2.1%
5-Jul	2:00 PM	0.25	847.56	217.27	21.81	7.25	3.3%
5-Jul	2:15 PM	0.25	890.57	228.55	36.17	10.82	4.7%
5-Jul	2:30 PM	0.25	937.84	241.80	50.42	13.43	5.6%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
5-Jul	2:45 PM	0.25	996.56	256.25	57.03	15.14	5.9%
5-Jul	3:00 PM	0.25	1,053.42	270.36	64.06	16.38	6.1%
5-Jul	3:15 PM	0.25	1,109.49	276.40	66.97	16.92	6.1%
5-Jul	3:30 PM	0.25	1,101.72	271.86	68.39	16.01	5.9%
5-Jul	3:45 PM	0.25	1,073.14	265.17	59.69	13.23	5.0%
5-Jul	4:00 PM	0.25	1,048.19	260.44	46.17	10.50	4.0%
5-Jul	4:15 PM	0.25	1,035.37	261.53	37.81	7.95	3.0%
5-Jul	4:30 PM	0.25	1,056.88	265.70	25.81	6.68	2.5%
5-Jul	4:45 PM	0.25	1,068.74	267.46	27.61	8.14	3.0%
5-Jul	5:00 PM	0.25	1,070.98	267.62	37.48	12.82	4.8%
5-Jul	5:15 PM	0.25	1,069.96	268.53	65.06	21.18	7.9%
5-Jul	5:30 PM	0.25	1,078.30	271.66	104.40	32.24	11.9%
5-Jul	5:45 PM	0.25	1,094.97	278.55	153.53	44.20	15.9%
5-Jul	6:00 PM	0.25	1,133.40	292.11	200.10	53.89	18.4%
5-Jul	6:15 PM	0.25	1,203.45	314.38	231.01	57.51	18.3%
5-Jul	6:30 PM	0.25	1,311.57	343.61	229.07	55.58	16.2%
5-Jul	6:45 PM	0.25	1,437.34	376.75	215.58	50.65	13.4%
5-Jul	7:00 PM	0.25	1,576.64	413.87	189.61	43.09	10.4%
5-Jul	7:15 PM	0.25	1,734.33	463.52	155.11	32.98	7.1%
5-Jul	7:30 PM	0.09	1,973.87	182.00	108.71	9.00	4.9%
5-Jul	7:35 PM	0.00	2,070.60		91.22		
12-Jul	6:58 AM	0.04	3,788.73	150.02	18.23	0.77	0.5%
12-Jul	7:00 AM	0.25	3,712.18	862.74	20.47	8.39	1.0%
12-Jul	7:15 AM	0.25	3,189.76	732.80	46.67	14.25	1.9%
12-Jul	7:30 AM	0.25	2,672.67	604.59	67.35	18.71	3.1%
12-Jul	7:45 AM	0.25	2,164.03	494.73	82.35	20.87	4.2%
12-Jul	8:00 AM	0.25	1,793.79	415.81	84.63	21.20	5.1%
12-Jul	8:15 AM	0.25	1,532.72	352.69	84.97	15.58	4.4%
12-Jul	8:30 AM	0.25	1,288.82	302.23	39.69	10.26	3.4%
12-Jul	8:45 AM	0.25	1,129.06	273.28	42.36	15.03	5.5%
12-Jul	9:00 AM	0.25	1,057.16	260.61	77.92	21.53	8.3%
12-Jul	9:15 AM	0.25	1,027.69	249.75	94.29	25.93	10.4%
12-Jul	9:30 AM	0.25	970.33	235.64	113.15	30.91	13.1%
12-Jul	9:45 AM	0.25	914.76	223.69	134.15	35.22	15.7%
12-Jul	10:00 AM	0.25	874.79	214.37	147.58	36.43	17.0%
12-Jul	10:15 AM	0.25	840.19	206.01	143.85	33.63	16.3%
12-Jul	10:30 AM	0.25	807.90	199.46	125.18	28.94	14.5%
12-Jul	10:45 AM	0.25	787.76	195.00	106.33	24.20	12.4%
12-Jul	11:00 AM	0.25	772.28	192.28	87.29	19.54	10.2%
12-Jul	11:15 AM	0.25	765.96	191.19	68.99	15.08	7.9%
12-Jul	11:30 AM	0.25	763.54	190.10	51.63	10.72	5.6%
12-Jul	11:45 AM	0.25	757.25	187.47	34.10	6.28	3.4%
12-Jul	12:00 PM	0.25	742.50	183.27	16.17	2.28	1.2%
12-Jul	12:15 PM	0.25	723.67	178.33	2.07	-1.32	-0.7%
12-Jul	12:30 PM	0.25	703.00	173.47	-12.63	-3.39	-2.0%
12-Jul	12:45 PM	0.25	684.72	168.82	-14.49	-2.07	-1.2%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
12-Jul	1:00 PM	0.25	665.86	174.14	-2.05	0.02	0.0%
12-Jul	1:15 PM	0.25	727.24	189.55	2.21	0.93	0.5%
12-Jul	1:30 PM	0.25	789.15	203.51	5.19	2.28	1.1%
12-Jul	1:45 PM	0.25	838.97	215.89	13.02	4.35	2.0%
12-Jul	2:00 PM	0.25	888.15	227.55	21.75	7.07	3.1%
12-Jul	2:15 PM	0.25	932.26	239.01	34.77	10.77	4.5%
12-Jul	2:30 PM	0.25	979.78	252.33	51.42	13.67	5.4%
12-Jul	2:45 PM	0.25	1,038.85	267.02	57.92	15.72	5.9%
12-Jul	3:00 PM	0.25	1,097.31	281.61	67.83	17.31	6.1%
12-Jul	3:15 PM	0.25	1,155.58	287.13	70.62	18.09	6.3%
12-Jul	3:30 PM	0.25	1,141.45	281.79	74.10	17.66	6.3%
12-Jul	3:45 PM	0.25	1,112.87	275.02	67.19	14.91	5.4%
12-Jul	4:00 PM	0.25	1,087.31	269.05	52.11	11.26	4.2%
12-Jul	4:15 PM	0.25	1,065.11	268.28	37.93	8.06	3.0%
12-Jul	4:30 PM	0.25	1,081.14	272.06	26.51	6.39	2.3%
12-Jul	4:45 PM	0.25	1,095.33	273.80	24.60	7.69	2.8%
12-Jul	5:00 PM	0.25	1,095.08	273.63	36.92	12.50	4.6%
12-Jul	5:15 PM	0.25	1,093.97	274.18	63.05	20.57	7.5%
12-Jul	5:30 PM	0.25	1,099.43	276.82	101.49	31.73	11.5%
12-Jul	5:45 PM	0.25	1,115.14	283.71	152.32	44.43	15.7%
12-Jul	6:00 PM	0.25	1,154.57	297.27	203.08	54.57	18.4%
12-Jul	6:15 PM	0.25	1,223.62	319.56	233.49	58.30	18.2%
12-Jul	6:30 PM	0.25	1,332.83	348.92	232.94	55.81	16.0%
12-Jul	6:45 PM	0.25	1,458.51	382.32	213.51	50.78	13.3%
12-Jul	7:00 PM	0.25	1,600.01	421.30	192.74	44.11	10.5%
12-Jul	7:15 PM	0.25	1,770.37	474.18	160.13	34.10	7.2%
12-Jul	7:30 PM	0.04	2,023.03	81.70	112.70	4.37	5.4%
12-Jul	7:32 PM	0.00	2,062.08		106.03		
19-Jul	7:03 AM	0.20	3,761.24	709.61	20.94	5.71	0.8%
19-Jul	7:15 AM	0.25	3,334.85	772.84	36.17	11.36	1.5%
19-Jul	7:30 AM	0.25	2,847.86	646.80	54.70	15.96	2.5%
19-Jul	7:45 AM	0.25	2,326.51	527.96	72.94	19.05	3.6%
19-Jul	8:00 AM	0.25	1,897.16	442.23	79.49	20.60	4.7%
19-Jul	8:15 AM	0.25	1,640.67	378.03	85.30	17.15	4.5%
19-Jul	8:30 AM	0.25	1,383.60	322.00	51.88	11.12	3.5%
19-Jul	8:45 AM	0.25	1,192.44	287.05	37.09	13.52	4.7%
19-Jul	9:00 AM	0.25	1,103.97	271.13	71.06	21.01	7.7%
19-Jul	9:15 AM	0.25	1,065.08	259.36	97.03	26.51	10.2%
19-Jul	9:30 AM	0.25	1,009.83	245.74	115.06	31.32	12.7%
19-Jul	9:45 AM	0.25	956.10	233.45	135.53	36.17	15.5%
19-Jul	10:00 AM	0.25	911.46	223.22	153.82	38.77	17.4%
19-Jul	10:15 AM	0.25	874.31	214.83	156.35	36.55	17.0%
19-Jul	10:30 AM	0.25	844.32	208.66	136.08	31.34	15.0%
19-Jul	10:45 AM	0.25	825.00	204.75	114.67	26.05	12.7%
19-Jul	11:00 AM	0.25	813.03	202.67	93.76	20.88	10.3%
19-Jul	11:15 AM	0.25	808.33	201.99	73.29	15.98	7.9%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
19-Jul	11:30 AM	0.25	807.63	201.22	54.54	11.47	5.7%
19-Jul	11:45 AM	0.25	802.15	198.87	37.18	7.11	3.6%
19-Jul	12:00 PM	0.25	788.78	194.95	19.68	3.03	1.6%
19-Jul	12:15 PM	0.25	770.80	190.21	4.56	-0.85	-0.4%
19-Jul	12:30 PM	0.25	750.88	185.44	-11.38	-3.30	-1.8%
19-Jul	12:45 PM	0.25	732.65	181.17	-15.03	-2.14	-1.2%
19-Jul	1:00 PM	0.25	716.71	187.26	-2.10	0.03	0.0%
19-Jul	1:15 PM	0.25	781.40	203.03	2.35	0.90	0.4%
19-Jul	1:30 PM	0.25	842.85	217.39	4.86	2.39	1.1%
19-Jul	1:45 PM	0.25	896.28	230.18	14.24	4.51	2.0%
19-Jul	2:00 PM	0.25	945.17	242.10	21.83	6.92	2.9%
19-Jul	2:15 PM	0.25	991.64	254.29	33.57	10.26	4.0%
19-Jul	2:30 PM	0.25	1,042.69	268.26	48.48	13.56	5.1%
19-Jul	2:45 PM	0.25	1,103.38	283.43	59.97	16.02	5.7%
19-Jul	3:00 PM	0.25	1,164.06	298.01	68.21	17.93	6.0%
19-Jul	3:15 PM	0.25	1,219.98	302.41	75.27	19.41	6.4%
19-Jul	3:30 PM	0.25	1,199.31	295.95	80.01	19.32	6.5%
19-Jul	3:45 PM	0.25	1,168.32	288.55	74.52	17.11	5.9%
19-Jul	4:00 PM	0.25	1,140.11	282.04	62.33	13.18	4.7%
19-Jul	4:15 PM	0.25	1,116.24	278.58	43.08	8.85	3.2%
19-Jul	4:30 PM	0.25	1,112.42	279.72	27.73	6.85	2.4%
19-Jul	4:45 PM	0.25	1,125.36	281.89	27.07	7.80	2.8%
19-Jul	5:00 PM	0.25	1,129.78	281.88	35.35	12.28	4.4%
19-Jul	5:15 PM	0.25	1,125.30	281.65	62.89	20.52	7.3%
19-Jul	5:30 PM	0.25	1,127.88	284.14	101.28	31.69	11.2%
19-Jul	5:45 PM	0.25	1,145.21	291.27	152.21	45.41	15.6%
19-Jul	6:00 PM	0.25	1,184.96	305.11	211.10	55.97	18.3%
19-Jul	6:15 PM	0.25	1,255.88	327.86	236.69	59.43	18.1%
19-Jul	6:30 PM	0.25	1,366.99	357.55	238.78	55.92	15.6%
19-Jul	6:45 PM	0.25	1,493.39	392.26	208.60	50.24	12.8%
19-Jul	7:00 PM	0.25	1,644.72	434.76	193.30	44.61	10.3%
19-Jul	7:15 PM	0.24	1,833.35	470.02	163.56	33.74	7.2%
19-Jul	7:29 PM	0.00	2,083.46		117.65		
26-Jul	7:09 AM	0.10	3,703.00	360.57	21.23	2.52	0.7%
26-Jul	7:15 AM	0.25	3,508.34	815.22	29.13	9.10	1.1%
26-Jul	7:30 AM	0.25	3,013.44	688.83	43.70	13.05	1.9%
26-Jul	7:45 AM	0.25	2,497.20	568.55	60.70	16.47	2.9%
26-Jul	8:00 AM	0.25	2,051.19	479.77	71.04	19.02	4.0%
26-Jul	8:15 AM	0.25	1,786.94	411.38	81.09	18.12	4.4%
26-Jul	8:30 AM	0.25	1,504.13	347.23	63.87	11.78	3.4%
26-Jul	8:45 AM	0.25	1,273.67	304.02	30.40	11.81	3.9%
26-Jul	9:00 AM	0.25	1,158.49	283.54	64.12	19.88	7.0%
26-Jul	9:15 AM	0.25	1,109.80	271.28	94.94	26.26	9.7%
26-Jul	9:30 AM	0.25	1,060.47	257.69	115.18	31.97	12.4%
26-Jul	9:45 AM	0.25	1,001.09	244.48	140.56	37.85	15.5%
26-Jul	10:00 AM	0.25	954.74	234.29	162.23	41.58	17.7%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
26-Jul	10:15 AM	0.25	919.59	226.42	170.38	39.70	17.5%
26-Jul	10:30 AM	0.25	891.74	220.71	147.19	33.85	15.3%
26-Jul	10:45 AM	0.25	873.91	217.35	123.64	27.97	12.9%
26-Jul	11:00 AM	0.25	864.92	215.91	100.08	22.18	10.3%
26-Jul	11:15 AM	0.25	862.33	215.74	77.40	16.82	7.8%
26-Jul	11:30 AM	0.25	863.58	215.48	57.16	12.12	5.6%
26-Jul	11:45 AM	0.25	860.24	213.57	39.82	7.95	3.7%
26-Jul	12:00 PM	0.25	848.33	209.99	23.82	3.90	1.9%
26-Jul	12:15 PM	0.25	831.60	205.44	7.42	-0.38	-0.2%
26-Jul	12:30 PM	0.25	811.94	201.24	-10.44	-3.17	-1.6%
26-Jul	12:45 PM	0.25	798.01	197.63	-14.90	-2.13	-1.1%
26-Jul	1:00 PM	0.25	783.03	204.26	-2.11	0.08	0.0%
26-Jul	1:15 PM	0.25	851.07	220.69	2.74	1.07	0.5%
26-Jul	1:30 PM	0.25	914.49	235.74	5.78	2.56	1.1%
26-Jul	1:45 PM	0.25	971.42	249.21	14.68	4.48	1.8%
26-Jul	2:00 PM	0.25	1,022.28	261.43	21.13	6.72	2.6%
26-Jul	2:15 PM	0.25	1,069.12	274.00	32.63	9.75	3.6%
26-Jul	2:30 PM	0.25	1,122.92	288.98	45.39	12.63	4.4%
26-Jul	2:45 PM	0.25	1,188.92	305.29	55.69	15.68	5.1%
26-Jul	3:00 PM	0.25	1,253.42	319.07	69.79	18.58	5.8%
26-Jul	3:15 PM	0.25	1,299.16	321.20	78.83	20.54	6.4%
26-Jul	3:30 PM	0.25	1,270.44	313.50	85.51	20.92	6.7%
26-Jul	3:45 PM	0.25	1,237.56	305.50	81.88	19.37	6.3%
26-Jul	4:00 PM	0.25	1,206.47	298.73	73.10	15.56	5.2%
26-Jul	4:15 PM	0.25	1,183.38	293.61	51.40	10.23	3.5%
26-Jul	4:30 PM	0.25	1,165.47	291.89	30.45	6.81	2.3%
26-Jul	4:45 PM	0.25	1,169.63	292.67	24.03	7.25	2.5%
26-Jul	5:00 PM	0.25	1,171.72	292.19	33.99	12.36	4.2%
26-Jul	5:15 PM	0.25	1,165.78	291.60	64.85	21.05	7.2%
26-Jul	5:30 PM	0.25	1,167.01	293.78	103.54	32.59	11.1%
26-Jul	5:45 PM	0.25	1,183.21	300.92	157.19	47.24	15.7%
26-Jul	6:00 PM	0.25	1,224.17	315.67	220.70	57.93	18.4%
26-Jul	6:15 PM	0.25	1,301.16	339.54	242.76	59.95	17.7%
26-Jul	6:30 PM	0.25	1,415.13	371.15	236.84	54.66	14.7%
26-Jul	6:45 PM	0.25	1,554.06	407.92	200.41	49.11	12.0%
26-Jul	7:00 PM	0.25	1,709.30	454.43	192.47	44.24	9.7%
26-Jul	7:15 PM	0.14	1,926.11	280.04	161.42	20.88	7.5%
26-Jul	7:23 PM	0.00	2,074.42		136.89		
2-Aug	7:14 AM	0.02	3,712.44	73.90	3.74	0.08	0.1%
2-Aug	7:15 AM	0.25	3,677.34	853.57	3.93	5.48	0.6%
2-Aug	7:30 AM	0.25	3,151.22	727.51	39.92	11.00	1.5%
2-Aug	7:45 AM	0.25	2,668.86	612.56	48.09	13.83	2.3%
2-Aug	8:00 AM	0.25	2,231.58	524.67	62.55	17.32	3.3%
2-Aug	8:15 AM	0.25	1,965.77	453.93	75.97	18.18	4.0%
2-Aug	8:30 AM	0.25	1,665.65	379.38	69.51	13.35	3.5%
2-Aug	8:45 AM	0.25	1,369.35	324.57	37.27	10.72	3.3%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
2-Aug	9:00 AM	0.25	1,227.17	298.77	48.49	17.73	5.9%
2-Aug	9:15 AM	0.25	1,163.00	285.00	93.32	26.36	9.2%
2-Aug	9:30 AM	0.25	1,117.00	271.57	117.53	32.96	12.1%
2-Aug	9:45 AM	0.25	1,055.58	257.92	146.11	39.63	15.4%
2-Aug	10:00 AM	0.25	1,007.78	247.72	170.90	44.27	17.9%
2-Aug	10:15 AM	0.25	973.94	240.19	183.24	42.54	17.7%
2-Aug	10:30 AM	0.25	947.58	234.96	157.08	36.18	15.4%
2-Aug	10:45 AM	0.25	932.08	232.18	132.35	29.85	12.9%
2-Aug	11:00 AM	0.25	925.33	231.17	106.47	23.53	10.2%
2-Aug	11:15 AM	0.25	924.06	231.42	81.81	17.82	7.7%
2-Aug	11:30 AM	0.25	927.30	231.69	60.79	13.06	5.6%
2-Aug	11:45 AM	0.25	926.24	230.28	43.69	8.97	3.9%
2-Aug	12:00 PM	0.25	916.03	226.91	28.04	4.74	2.1%
2-Aug	12:15 PM	0.25	899.21	222.62	9.88	-0.05	0.0%
2-Aug	12:30 PM	0.25	881.77	219.28	-10.25	-3.12	-1.4%
2-Aug	12:45 PM	0.25	872.47	216.73	-14.74	-1.91	-0.9%
2-Aug	1:00 PM	0.25	861.40	225.15	-0.51	0.46	0.2%
2-Aug	1:15 PM	0.25	939.82	243.20	4.20	1.87	0.8%
2-Aug	1:30 PM	0.25	1,005.76	258.66	10.73	3.61	1.4%
2-Aug	1:45 PM	0.25	1,063.48	272.57	18.11	5.01	1.8%
2-Aug	2:00 PM	0.25	1,117.12	285.27	21.99	6.92	2.4%
2-Aug	2:15 PM	0.25	1,165.06	298.93	33.34	9.62	3.2%
2-Aug	2:30 PM	0.25	1,226.39	315.53	43.63	11.63	3.7%
2-Aug	2:45 PM	0.25	1,297.89	332.73	49.38	14.01	4.2%
2-Aug	3:00 PM	0.25	1,363.96	344.27	62.67	17.57	5.1%
2-Aug	3:15 PM	0.25	1,390.17	343.55	77.86	21.07	6.1%
2-Aug	3:30 PM	0.25	1,358.22	334.64	90.66	22.89	6.8%
2-Aug	3:45 PM	0.25	1,318.90	325.40	92.47	22.03	6.8%
2-Aug	4:00 PM	0.25	1,284.28	317.99	83.76	18.23	5.7%
2-Aug	4:15 PM	0.25	1,259.67	312.28	62.08	12.61	4.0%
2-Aug	4:30 PM	0.25	1,238.53	308.09	38.78	7.64	2.5%
2-Aug	4:45 PM	0.25	1,226.15	305.67	22.33	7.17	2.3%
2-Aug	5:00 PM	0.25	1,219.23	303.88	35.06	13.09	4.3%
2-Aug	5:15 PM	0.25	1,211.80	303.26	69.67	22.38	7.4%
2-Aug	5:30 PM	0.25	1,214.26	305.94	109.38	34.13	11.2%
2-Aug	5:45 PM	0.25	1,233.28	313.47	163.69	49.01	15.6%
2-Aug	6:00 PM	0.25	1,274.49	329.23	228.40	59.97	18.2%
2-Aug	6:15 PM	0.25	1,359.39	355.34	251.40	59.97	16.9%
2-Aug	6:30 PM	0.25	1,483.34	388.92	228.36	53.13	13.7%
2-Aug	6:45 PM	0.25	1,628.03	428.52	196.64	48.04	11.2%
2-Aug	7:00 PM	0.25	1,800.10	481.27	187.72	42.22	8.8%
2-Aug	7:15 PM	0.04	2,050.03	82.77	150.02	5.88	7.1%
2-Aug	7:17 PM	0.00	2,088.50		143.81		
9-Aug	7:20 AM	0.18	3,667.35	635.08	3.73	0.91	0.1%
9-Aug	7:30 AM	0.25	3,389.14	782.03	6.35	5.17	0.7%
9-Aug	7:45 AM	0.25	2,867.11	666.58	34.99	11.00	1.7%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

1/14/2014

Analysis Area (sf): 4499.92

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
9-Aug	8:00 AM	0.25	2,465.55	577.93	53.01	15.57	2.7%
9-Aug	8:15 AM	0.25	2,157.87	502.09	71.56	17.87	3.6%
9-Aug	8:30 AM	0.25	1,858.88	422.48	71.43	12.93	3.1%
9-Aug	8:45 AM	0.25	1,520.97	354.82	32.00	8.65	2.4%
9-Aug	9:00 AM	0.25	1,317.56	318.24	37.20	15.43	4.8%
9-Aug	9:15 AM	0.25	1,228.39	301.46	86.26	25.16	8.3%
9-Aug	9:30 AM	0.25	1,183.31	288.07	115.01	32.71	11.4%
9-Aug	9:45 AM	0.25	1,121.25	274.52	146.66	39.94	14.5%
9-Aug	10:00 AM	0.25	1,074.92	264.47	172.87	45.51	17.2%
9-Aug	10:15 AM	0.25	1,040.88	256.79	191.18	44.79	17.4%
9-Aug	10:30 AM	0.25	1,013.42	251.50	167.12	38.36	15.3%
9-Aug	10:45 AM	0.25	998.58	249.36	139.78	31.36	12.6%
9-Aug	11:00 AM	0.25	996.26	248.87	111.06	24.74	9.9%
9-Aug	11:15 AM	0.25	994.70	249.27	86.85	19.01	7.6%
9-Aug	11:30 AM	0.25	999.47	249.99	65.26	14.16	5.7%
9-Aug	11:45 AM	0.25	1,000.42	248.87	48.04	10.02	4.0%
9-Aug	12:00 PM	0.25	990.55	245.90	32.13	5.50	2.2%
9-Aug	12:15 PM	0.25	976.68	242.13	11.88	0.11	0.0%
9-Aug	12:30 PM	0.25	960.34	239.30	-11.00	-3.09	-1.3%
9-Aug	12:45 PM	0.25	954.06	238.26	-13.74	-1.76	-0.7%
9-Aug	1:00 PM	0.25	951.99	249.40	-0.33	0.58	0.2%
9-Aug	1:15 PM	0.25	1,043.22	269.17	5.00	2.48	0.9%
9-Aug	1:30 PM	0.25	1,110.17	285.46	14.81	4.85	1.7%
9-Aug	1:45 PM	0.25	1,173.48	300.14	24.01	6.66	2.2%
9-Aug	2:00 PM	0.25	1,227.61	313.53	29.24	8.71	2.8%
9-Aug	2:15 PM	0.25	1,280.60	328.75	40.47	11.10	3.4%
9-Aug	2:30 PM	0.25	1,349.38	346.89	48.33	12.64	3.6%
9-Aug	2:45 PM	0.25	1,425.71	365.19	52.80	13.72	3.8%
9-Aug	3:00 PM	0.25	1,495.81	373.86	56.94	15.36	4.1%
9-Aug	3:15 PM	0.25	1,495.05	369.02	65.96	18.92	5.1%
9-Aug	3:30 PM	0.25	1,457.08	359.48	85.38	23.21	6.5%
9-Aug	3:45 PM	0.25	1,418.76	349.83	100.27	23.85	6.8%
9-Aug	4:00 PM	0.25	1,379.88	341.43	90.56	20.10	5.9%
9-Aug	4:15 PM	0.25	1,351.56	334.91	70.24	15.22	4.5%
9-Aug	4:30 PM	0.25	1,327.76	329.97	51.49	10.12	3.1%
9-Aug	4:45 PM	0.25	1,312.03	323.96	29.44	9.34	2.9%
9-Aug	5:00 PM	0.25	1,279.63	317.54	45.31	15.51	4.9%
9-Aug	5:15 PM	0.25	1,260.73	315.81	78.79	25.16	8.0%
9-Aug	5:30 PM	0.25	1,265.74	319.29	122.51	38.01	11.9%
9-Aug	5:45 PM	0.25	1,288.61	329.09	181.55	50.57	15.4%
9-Aug	6:00 PM	0.25	1,344.11	347.34	222.99	58.60	16.9%
9-Aug	6:15 PM	0.25	1,434.63	376.21	245.81	57.29	15.2%
9-Aug	6:30 PM	0.25	1,575.03	411.98	212.54	51.02	12.4%
9-Aug	6:45 PM	0.25	1,720.78	456.38	195.64	46.07	10.1%
9-Aug	7:00 PM	0.14	1,930.24	280.90	172.92	22.60	8.0%
9-Aug	7:09 PM	0.00	2,082.55		149.90		

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
16-Aug	7:26 AM	0.07	3,665.19	255.19	3.73	0.26	0.1%
16-Aug	7:30 AM	0.25	3,626.08	845.37	3.73	1.13	0.1%
16-Aug	7:45 AM	0.25	3,136.90	730.94	5.31	6.24	0.9%
16-Aug	8:00 AM	0.25	2,710.62	637.40	44.65	14.02	2.2%
16-Aug	8:15 AM	0.25	2,388.57	559.07	67.51	17.26	3.1%
16-Aug	8:30 AM	0.25	2,084.03	470.75	70.59	13.27	2.8%
16-Aug	8:45 AM	0.25	1,682.01	388.09	35.60	7.12	1.8%
16-Aug	9:00 AM	0.25	1,422.72	341.39	21.33	12.01	3.5%
16-Aug	9:15 AM	0.25	1,308.40	320.13	74.74	23.94	7.5%
16-Aug	9:30 AM	0.25	1,252.63	305.31	116.78	33.53	11.0%
16-Aug	9:45 AM	0.25	1,189.86	292.10	151.47	41.04	14.0%
16-Aug	10:00 AM	0.25	1,146.96	283.17	176.83	46.22	16.3%
16-Aug	10:15 AM	0.25	1,118.37	276.13	192.92	45.92	16.6%
16-Aug	10:30 AM	0.25	1,090.67	271.02	174.45	39.88	14.7%
16-Aug	10:45 AM	0.25	1,077.49	269.13	144.63	32.65	12.1%
16-Aug	11:00 AM	0.25	1,075.51	269.08	116.58	26.10	9.7%
16-Aug	11:15 AM	0.25	1,077.10	270.23	92.20	20.31	7.5%
16-Aug	11:30 AM	0.25	1,084.72	271.39	70.26	15.38	5.7%
16-Aug	11:45 AM	0.25	1,086.41	270.23	52.76	11.00	4.1%
16-Aug	12:00 PM	0.25	1,075.42	266.85	35.26	6.05	2.3%
16-Aug	12:15 PM	0.25	1,059.39	263.03	13.15	-0.08	0.0%
16-Aug	12:30 PM	0.25	1,044.89	261.16	-13.78	-3.26	-1.2%
16-Aug	12:45 PM	0.25	1,044.40	263.51	-12.30	-1.52	-0.6%
16-Aug	1:00 PM	0.25	1,063.68	277.88	0.10	0.75	0.3%
16-Aug	1:15 PM	0.25	1,159.36	298.56	5.89	3.20	1.1%
16-Aug	1:30 PM	0.25	1,229.13	315.58	19.72	6.13	1.9%
16-Aug	1:45 PM	0.25	1,295.53	331.50	29.32	8.15	2.5%
16-Aug	2:00 PM	0.25	1,356.44	346.67	35.91	10.54	3.0%
16-Aug	2:15 PM	0.25	1,416.94	363.94	48.40	12.91	3.5%
16-Aug	2:30 PM	0.25	1,494.58	383.58	54.89	14.40	3.8%
16-Aug	2:45 PM	0.25	1,574.09	401.12	60.31	15.43	3.8%
16-Aug	3:00 PM	0.25	1,634.90	405.43	63.11	15.97	3.9%
16-Aug	3:15 PM	0.25	1,608.56	397.13	64.67	17.15	4.3%
16-Aug	3:30 PM	0.25	1,568.51	387.29	72.50	19.67	5.1%
16-Aug	3:45 PM	0.25	1,529.80	377.86	84.84	21.62	5.7%
16-Aug	4:00 PM	0.25	1,493.09	368.53	88.15	20.67	5.6%
16-Aug	4:15 PM	0.25	1,455.16	361.73	77.17	16.31	4.5%
16-Aug	4:30 PM	0.25	1,438.67	355.81	53.32	12.68	3.6%
16-Aug	4:45 PM	0.25	1,407.78	346.82	48.12	13.59	3.9%
16-Aug	5:00 PM	0.25	1,366.76	337.37	60.60	18.79	5.6%
16-Aug	5:15 PM	0.25	1,332.24	331.84	89.72	28.91	8.7%
16-Aug	5:30 PM	0.25	1,322.50	334.71	141.55	42.00	12.5%
16-Aug	5:45 PM	0.25	1,355.21	347.26	194.43	51.87	14.9%
16-Aug	6:00 PM	0.25	1,422.88	369.08	220.49	54.74	14.8%
16-Aug	6:15 PM	0.25	1,529.76	400.04	217.44	52.45	13.1%
16-Aug	6:30 PM	0.25	1,670.58	438.51	202.15	49.42	11.3%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
16-Aug	6:45 PM	0.25	1,837.48	490.71	193.24	43.35	8.8%
16-Aug	7:00 PM	0.02	2,088.23	41.94	153.56	3.04	7.2%
16-Aug	7:01 PM	0.00	2,105.85		150.51		
23-Aug	7:32 AM	0.05	3,767.33	188.14	3.73	0.19	0.1%
23-Aug	7:35 AM	0.25	3,758.28	888.84	3.73	1.21	0.1%
23-Aug	7:50 AM	0.25	3,352.41	777.90	5.96	7.04	0.9%
23-Aug	8:05 AM	0.25	2,870.81	675.94	50.38	15.56	2.3%
23-Aug	8:20 AM	0.25	2,536.74	590.30	74.07	17.45	3.0%
23-Aug	8:35 AM	0.25	2,185.63	492.87	65.56	11.07	2.2%
23-Aug	8:50 AM	0.25	1,757.37	406.47	22.99	4.92	1.2%
23-Aug	9:05 AM	0.25	1,494.43	359.20	16.40	11.85	3.3%
23-Aug	9:20 AM	0.25	1,379.16	338.32	78.42	24.57	7.3%
23-Aug	9:35 AM	0.25	1,327.42	324.86	118.17	33.01	10.2%
23-Aug	9:50 AM	0.25	1,271.45	313.28	145.94	39.72	12.7%
23-Aug	10:05 AM	0.25	1,234.81	305.12	171.83	45.35	14.9%
23-Aug	10:20 AM	0.25	1,206.14	298.61	190.99	44.31	14.8%
23-Aug	10:35 AM	0.25	1,182.74	294.41	163.53	37.60	12.8%
23-Aug	10:50 AM	0.25	1,172.57	293.26	137.30	31.11	10.6%
23-Aug	11:05 AM	0.25	1,173.47	293.77	111.57	25.05	8.5%
23-Aug	11:20 AM	0.25	1,176.71	295.01	88.83	19.71	6.7%
23-Aug	11:35 AM	0.25	1,183.38	294.89	68.83	15.09	5.1%
23-Aug	11:50 AM	0.25	1,175.76	292.32	51.92	10.23	3.5%
23-Aug	12:05 PM	0.25	1,162.81	288.22	29.89	4.61	1.6%
23-Aug	12:20 PM	0.25	1,142.92	285.71	7.03	-1.60	-0.6%
23-Aug	12:35 PM	0.25	1,142.78	286.18	-19.80	-3.02	-1.1%
23-Aug	12:50 PM	0.25	1,146.65	297.13	-4.38	0.19	0.1%
23-Aug	1:05 PM	0.25	1,230.37	317.80	5.90	2.71	0.9%
23-Aug	1:20 PM	0.25	1,312.06	337.04	15.79	5.53	1.6%
23-Aug	1:35 PM	0.25	1,384.24	355.51	28.43	8.19	2.3%
23-Aug	1:50 PM	0.25	1,459.85	373.27	37.08	10.58	2.8%
23-Aug	2:05 PM	0.25	1,526.29	391.55	47.53	13.11	3.3%
23-Aug	2:20 PM	0.25	1,606.13	412.61	57.33	14.96	3.6%
23-Aug	2:35 PM	0.25	1,694.76	433.15	62.38	16.09	3.7%
23-Aug	2:50 PM	0.25	1,770.47	441.36	66.31	16.56	3.8%
23-Aug	3:05 PM	0.25	1,760.40	435.07	66.15	17.20	4.0%
23-Aug	3:20 PM	0.25	1,720.19	424.92	71.43	17.54	4.1%
23-Aug	3:35 PM	0.25	1,679.17	414.96	68.86	16.56	4.0%
23-Aug	3:50 PM	0.25	1,640.49	405.71	63.60	15.69	3.9%
23-Aug	4:05 PM	0.25	1,605.20	398.43	61.89	15.53	3.9%
23-Aug	4:20 PM	0.25	1,582.21	390.97	62.33	15.74	4.0%
23-Aug	4:35 PM	0.25	1,545.52	381.25	63.56	17.28	4.5%
23-Aug	4:50 PM	0.25	1,504.45	370.56	74.66	21.35	5.8%
23-Aug	5:05 PM	0.25	1,460.06	359.82	96.17	28.05	7.8%
23-Aug	5:20 PM	0.25	1,418.50	351.65	128.19	38.77	11.0%
23-Aug	5:35 PM	0.25	1,394.74	356.48	181.98	47.08	13.2%
23-Aug	5:50 PM	0.25	1,457.14	376.29	194.69	47.94	12.7%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
23-Aug	6:05 PM	0.25	1,553.21	406.67	188.84	44.64	11.0%
23-Aug	6:20 PM	0.25	1,700.13	447.00	168.26	41.72	9.3%
23-Aug	6:35 PM	0.25	1,875.84	494.80	165.49	40.40	8.2%
23-Aug	6:50 PM	0.02	2,082.59	41.83	157.71	3.12	7.5%
23-Aug	6:51 PM	0.00	2,100.83		154.72		
30-Aug	7:38 AM	0.12	3,929.60	470.42	3.73	0.45	0.1%
30-Aug	7:45 AM	0.25	3,910.73	890.67	3.73	5.34	0.6%
30-Aug	8:00 AM	0.25	3,214.60	765.74	38.97	13.61	1.8%
30-Aug	8:15 AM	0.25	2,911.33	687.00	69.91	19.62	2.9%
30-Aug	8:30 AM	0.25	2,584.67	586.31	87.01	15.57	2.7%
30-Aug	8:45 AM	0.25	2,105.83	480.33	37.53	4.57	1.0%
30-Aug	9:00 AM	0.25	1,736.84	407.27	-1.01	3.80	0.9%
30-Aug	9:15 AM	0.25	1,521.32	371.89	31.40	15.86	4.3%
30-Aug	9:30 AM	0.25	1,453.81	356.00	95.47	28.99	8.1%
30-Aug	9:45 AM	0.25	1,394.17	343.26	136.44	37.54	10.9%
30-Aug	10:00 AM	0.25	1,351.90	334.47	163.88	43.68	13.1%
30-Aug	10:15 AM	0.25	1,323.83	327.68	185.55	45.81	14.0%
30-Aug	10:30 AM	0.25	1,297.65	322.66	180.91	41.73	12.9%
30-Aug	10:45 AM	0.25	1,283.63	320.88	152.91	34.91	10.9%
30-Aug	11:00 AM	0.25	1,283.43	320.95	126.38	28.55	8.9%
30-Aug	11:15 AM	0.25	1,284.21	321.69	101.99	22.83	7.1%
30-Aug	11:30 AM	0.25	1,289.32	321.49	80.68	17.76	5.5%
30-Aug	11:45 AM	0.25	1,282.56	318.59	61.39	12.63	4.0%
30-Aug	12:00 PM	0.25	1,266.14	313.97	39.65	7.01	2.2%
30-Aug	12:15 PM	0.25	1,245.63	310.93	16.47	-0.79	-0.3%
30-Aug	12:30 PM	0.25	1,241.81	311.42	-22.77	-3.81	-1.2%
30-Aug	12:45 PM	0.25	1,249.58	323.05	-7.74	-0.27	-0.1%
30-Aug	1:00 PM	0.25	1,334.80	344.93	5.58	2.83	0.8%
30-Aug	1:15 PM	0.25	1,424.66	366.48	17.06	5.93	1.6%
30-Aug	1:30 PM	0.25	1,507.17	386.79	30.42	8.76	2.3%
30-Aug	1:45 PM	0.25	1,587.15	406.95	39.63	11.23	2.8%
30-Aug	2:00 PM	0.25	1,668.47	429.00	50.20	13.53	3.2%
30-Aug	2:15 PM	0.25	1,763.52	453.05	58.00	15.16	3.3%
30-Aug	2:30 PM	0.25	1,860.88	475.34	63.28	16.35	3.4%
30-Aug	2:45 PM	0.25	1,941.83	482.81	67.52	16.52	3.4%
30-Aug	3:00 PM	0.25	1,920.63	473.78	64.67	17.32	3.7%
30-Aug	3:15 PM	0.25	1,869.60	461.83	73.88	18.53	4.0%
30-Aug	3:30 PM	0.25	1,825.08	451.54	74.36	16.38	3.6%
30-Aug	3:45 PM	0.25	1,787.21	442.74	56.70	12.43	2.8%
30-Aug	4:00 PM	0.25	1,754.72	435.76	42.71	9.85	2.3%
30-Aug	4:15 PM	0.25	1,731.38	428.74	36.06	11.28	2.6%
30-Aug	4:30 PM	0.25	1,698.50	418.61	54.15	17.71	4.2%
30-Aug	4:45 PM	0.25	1,650.34	407.47	87.56	24.50	6.0%
30-Aug	5:00 PM	0.25	1,609.42	396.28	108.42	31.20	7.9%
30-Aug	5:15 PM	0.25	1,560.83	385.53	141.19	39.63	10.3%
30-Aug	5:30 PM	0.25	1,523.44	380.91	175.82	45.21	11.9%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
30-Aug	5:45 PM	0.25	1,523.82	394.57	185.85	41.95	10.6%
30-Aug	6:00 PM	0.25	1,632.72	432.30	149.75	29.27	6.8%
30-Aug	6:15 PM	0.25	1,825.66	476.96	84.38	24.10	5.1%
30-Aug	6:30 PM	0.19	1,990.01	392.03	108.46	21.54	5.5%
30-Aug	6:41 PM	0.00	2,136.61		118.27		
6-Sep	7:44 AM	0.02	4,114.67	82.23	3.73	0.07	0.1%
6-Sep	7:45 AM	0.25	4,108.34	980.13	3.73	2.41	0.2%
6-Sep	8:00 AM	0.25	3,732.69	859.72	15.55	11.28	1.3%
6-Sep	8:15 AM	0.25	3,145.07	749.70	74.72	20.36	2.7%
6-Sep	8:30 AM	0.25	2,852.55	657.66	88.17	14.84	2.3%
6-Sep	8:45 AM	0.25	2,408.74	550.10	30.53	1.25	0.2%
6-Sep	9:00 AM	0.25	1,992.04	462.67	-20.51	-1.78	-0.4%
6-Sep	9:15 AM	0.25	1,709.31	414.30	6.30	10.06	2.4%
6-Sep	9:30 AM	0.25	1,605.08	392.22	74.19	25.01	6.4%
6-Sep	9:45 AM	0.25	1,532.64	375.78	125.90	35.48	9.4%
6-Sep	10:00 AM	0.25	1,473.58	364.89	157.97	42.22	11.6%
6-Sep	10:15 AM	0.25	1,445.51	358.59	179.78	45.05	12.6%
6-Sep	10:30 AM	0.25	1,423.19	353.63	180.58	42.25	11.9%
6-Sep	10:45 AM	0.25	1,405.88	351.41	157.40	36.27	10.3%
6-Sep	11:00 AM	0.25	1,405.40	351.43	132.77	30.18	8.6%
6-Sep	11:15 AM	0.25	1,406.08	351.48	108.64	24.27	6.9%
6-Sep	11:30 AM	0.25	1,405.75	350.03	85.56	18.62	5.3%
6-Sep	11:45 AM	0.25	1,394.46	346.35	63.43	12.98	3.7%
6-Sep	12:00 PM	0.25	1,376.33	342.10	40.40	7.03	2.1%
6-Sep	12:15 PM	0.25	1,360.44	341.50	15.81	-0.56	-0.2%
6-Sep	12:30 PM	0.25	1,371.53	343.90	-20.29	-2.85	-0.8%
6-Sep	12:45 PM	0.25	1,379.68	358.88	-2.51	0.99	0.3%
6-Sep	1:00 PM	0.25	1,491.37	384.53	10.47	4.67	1.2%
6-Sep	1:15 PM	0.25	1,584.90	407.13	26.87	8.39	2.1%
6-Sep	1:30 PM	0.25	1,672.10	429.39	40.25	11.09	2.6%
6-Sep	1:45 PM	0.25	1,763.03	452.28	48.46	13.22	2.9%
6-Sep	2:00 PM	0.25	1,855.24	477.04	57.28	14.64	3.1%
6-Sep	2:15 PM	0.25	1,961.07	502.63	59.85	16.22	3.2%
6-Sep	2:30 PM	0.25	2,059.97	520.99	69.88	17.59	3.4%
6-Sep	2:45 PM	0.25	2,107.92	522.93	70.87	17.43	3.3%
6-Sep	3:00 PM	0.25	2,075.49	512.25	68.56	17.86	3.5%
6-Sep	3:15 PM	0.25	2,022.54	499.96	74.31	17.21	3.4%
6-Sep	3:30 PM	0.25	1,977.14	488.69	63.41	14.39	2.9%
6-Sep	3:45 PM	0.25	1,932.40	479.20	51.72	12.19	2.5%
6-Sep	4:00 PM	0.25	1,901.21	473.12	45.84	9.75	2.1%
6-Sep	4:15 PM	0.25	1,883.76	466.09	32.19	10.24	2.2%
6-Sep	4:30 PM	0.25	1,844.95	459.02	49.74	14.61	3.2%
6-Sep	4:45 PM	0.25	1,827.24	452.96	67.17	18.74	4.1%
6-Sep	5:00 PM	0.25	1,796.42	437.99	82.74	29.16	6.7%
6-Sep	5:15 PM	0.25	1,707.52	421.04	150.58	38.45	9.1%
6-Sep	5:30 PM	0.25	1,660.83	415.75	157.00	38.62	9.3%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
6-Sep	5:45 PM	0.25	1,665.14	432.06	151.99	29.25	6.8%
6-Sep	6:00 PM	0.25	1,791.38	472.76	81.99	14.12	3.0%
6-Sep	6:15 PM	0.25	1,990.71	521.82	30.95	11.29	2.2%
6-Sep	6:30 PM	0.02	2,183.85	43.83	59.39	1.19	2.7%
6-Sep	6:31 PM	0.00	2,199.41		59.68		
13-Sep	7:50 AM	0.17	4,133.02	697.43	3.73	1.16	0.2%
13-Sep	8:00 AM	0.25	4,072.06	918.80	9.87	9.97	1.1%
13-Sep	8:15 AM	0.25	3,278.38	798.84	69.87	19.82	2.5%
13-Sep	8:30 AM	0.25	3,112.37	738.65	88.65	14.80	2.0%
13-Sep	8:45 AM	0.25	2,796.87	637.46	29.78	0.32	0.0%
13-Sep	9:00 AM	0.25	2,302.83	530.72	-27.24	-4.40	-0.8%
13-Sep	9:15 AM	0.25	1,942.95	468.68	-7.94	6.45	1.4%
13-Sep	9:30 AM	0.25	1,806.47	438.39	59.56	21.38	4.9%
13-Sep	9:45 AM	0.25	1,700.62	415.09	111.47	32.11	7.7%
13-Sep	10:00 AM	0.25	1,620.14	401.23	145.40	38.56	9.6%
13-Sep	10:15 AM	0.25	1,589.67	395.05	163.10	41.04	10.4%
13-Sep	10:30 AM	0.25	1,570.77	390.38	165.19	38.99	10.0%
13-Sep	10:45 AM	0.25	1,552.29	388.14	146.75	33.91	8.7%
13-Sep	11:00 AM	0.25	1,552.84	387.90	124.56	28.43	7.3%
13-Sep	11:15 AM	0.25	1,550.35	386.74	102.85	23.07	6.0%
13-Sep	11:30 AM	0.25	1,543.53	384.52	81.69	17.64	4.6%
13-Sep	11:45 AM	0.25	1,532.60	380.62	59.44	12.79	3.4%
13-Sep	12:00 PM	0.25	1,512.33	378.02	42.89	6.48	1.7%
13-Sep	12:15 PM	0.25	1,511.83	380.50	8.95	-1.02	-0.3%
13-Sep	12:30 PM	0.25	1,532.17	387.11	-17.14	-2.19	-0.6%
13-Sep	12:45 PM	0.25	1,564.70	405.91	-0.41	2.01	0.5%
13-Sep	1:00 PM	0.25	1,682.60	432.72	16.49	6.46	1.5%
13-Sep	1:15 PM	0.25	1,779.13	455.94	35.22	10.37	2.3%
13-Sep	1:30 PM	0.25	1,868.41	478.07	47.74	13.06	2.7%
13-Sep	1:45 PM	0.25	1,956.16	503.11	56.71	15.28	3.0%
13-Sep	2:00 PM	0.25	2,068.72	531.69	65.57	16.72	3.1%
13-Sep	2:15 PM	0.25	2,184.81	558.32	68.23	18.43	3.3%
13-Sep	2:30 PM	0.25	2,281.73	568.83	79.20	19.91	3.5%
13-Sep	2:45 PM	0.25	2,268.89	560.41	80.08	21.33	3.8%
13-Sep	3:00 PM	0.25	2,214.42	548.61	90.53	20.83	3.8%
13-Sep	3:15 PM	0.25	2,174.46	537.98	76.10	17.05	3.2%
13-Sep	3:30 PM	0.25	2,129.41	527.72	60.33	14.18	2.7%
13-Sep	3:45 PM	0.25	2,092.35	519.90	53.15	11.96	2.3%
13-Sep	4:00 PM	0.25	2,066.83	513.31	42.56	11.37	2.2%
13-Sep	4:15 PM	0.25	2,039.67	509.35	48.43	13.39	2.6%
13-Sep	4:30 PM	0.25	2,035.10	513.09	58.69	13.02	2.5%
13-Sep	4:45 PM	0.25	2,069.64	512.08	45.51	12.29	2.4%
13-Sep	5:00 PM	0.25	2,027.02	491.52	52.83	15.23	3.1%
13-Sep	5:15 PM	0.25	1,905.13	463.07	69.01	25.51	5.5%
13-Sep	5:30 PM	0.25	1,799.42	452.96	135.06	30.90	6.8%
13-Sep	5:45 PM	0.25	1,824.26	478.31	112.16	14.64	3.1%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

1/14/2014

Analysis Area (sf): 4499.92

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
13-Sep	6:00 PM	0.25	2,002.19	520.70	5.00	0.87	0.2%
13-Sep	6:15 PM	0.09	2,163.44	197.50	1.93	0.78	0.4%
13-Sep	6:20 PM	0.00	2,225.49		15.42		
20-Sep	7:56 AM	0.08	4,128.53	329.92	3.73	0.31	0.1%
20-Sep	8:00 AM	0.25	4,119.43	958.43	3.90	8.72	0.9%
20-Sep	8:15 AM	0.25	3,548.03	855.01	65.88	15.66	1.8%
20-Sep	8:30 AM	0.25	3,292.08	802.59	59.38	12.85	1.6%
20-Sep	8:45 AM	0.25	3,128.67	722.05	43.46	0.87	0.1%
20-Sep	9:00 AM	0.25	2,647.69	608.19	-36.51	-7.04	-1.2%
20-Sep	9:15 AM	0.25	2,217.83	527.52	-19.83	3.48	0.7%
20-Sep	9:30 AM	0.25	2,002.32	484.61	47.64	18.17	3.7%
20-Sep	9:45 AM	0.25	1,874.55	456.89	97.73	28.41	6.2%
20-Sep	10:00 AM	0.25	1,780.56	441.27	129.58	34.21	7.8%
20-Sep	10:15 AM	0.25	1,749.60	434.99	144.07	36.47	8.4%
20-Sep	10:30 AM	0.25	1,730.33	430.46	147.65	35.27	8.2%
20-Sep	10:45 AM	0.25	1,713.37	428.00	134.49	31.26	7.3%
20-Sep	11:00 AM	0.25	1,710.61	427.26	115.62	26.39	6.2%
20-Sep	11:15 AM	0.25	1,707.44	426.06	95.47	21.26	5.0%
20-Sep	11:30 AM	0.25	1,701.06	423.90	74.64	16.00	3.8%
20-Sep	11:45 AM	0.25	1,690.14	420.39	53.35	11.80	2.8%
20-Sep	12:00 PM	0.25	1,672.99	419.36	41.07	5.16	1.2%
20-Sep	12:15 PM	0.25	1,681.86	424.48	0.20	-1.66	-0.4%
20-Sep	12:30 PM	0.25	1,713.97	438.50	-13.49	-1.30	-0.3%
20-Sep	12:45 PM	0.25	1,794.01	462.10	3.10	3.38	0.7%
20-Sep	1:00 PM	0.25	1,902.77	487.85	23.96	8.47	1.7%
20-Sep	1:15 PM	0.25	2,000.01	511.87	43.77	12.57	2.5%
20-Sep	1:30 PM	0.25	2,094.92	535.02	56.75	15.57	2.9%
20-Sep	1:45 PM	0.25	2,185.24	560.44	67.82	17.76	3.2%
20-Sep	2:00 PM	0.25	2,298.26	589.29	74.28	19.86	3.4%
20-Sep	2:15 PM	0.25	2,416.05	612.93	84.58	22.07	3.6%
20-Sep	2:30 PM	0.25	2,487.36	617.18	91.99	22.96	3.7%
20-Sep	2:45 PM	0.25	2,450.08	605.30	91.70	23.14	3.8%
20-Sep	3:00 PM	0.25	2,392.35	591.88	93.45	21.70	3.7%
20-Sep	3:15 PM	0.25	2,342.70	580.62	80.17	17.48	3.0%
20-Sep	3:30 PM	0.25	2,302.25	570.98	59.68	14.15	2.5%
20-Sep	3:45 PM	0.25	2,265.56	563.94	53.55	12.69	2.2%
20-Sep	4:00 PM	0.25	2,245.93	559.84	47.94	14.00	2.5%
20-Sep	4:15 PM	0.25	2,232.83	570.57	64.04	13.06	2.3%
20-Sep	4:30 PM	0.25	2,331.74	587.42	40.41	7.99	1.4%
20-Sep	4:45 PM	0.25	2,367.65	576.32	23.53	6.87	1.2%
20-Sep	5:00 PM	0.25	2,242.93	542.97	31.47	8.92	1.6%
20-Sep	5:15 PM	0.25	2,100.82	511.95	39.86	14.18	2.8%
20-Sep	5:30 PM	0.25	1,994.77	507.59	73.57	11.26	2.2%
20-Sep	5:45 PM	0.25	2,065.99	527.38	16.52	3.35	0.6%
20-Sep	6:00 PM	0.14	2,153.08	309.08	10.24	0.93	0.3%
20-Sep	6:09 PM	0.00	2,262.38		2.99		

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
27-Sep	8:02 AM	0.22	4,146.19	879.75	3.73	0.82	0.1%
27-Sep	8:15 AM	0.25	3,851.50	917.72	3.73	2.01	0.2%
27-Sep	8:30 AM	0.25	3,490.22	853.43	12.35	4.07	0.5%
27-Sep	8:45 AM	0.25	3,337.26	792.59	20.17	-2.46	-0.3%
27-Sep	9:00 AM	0.25	3,003.45	701.53	-39.86	-8.50	-1.2%
27-Sep	9:15 AM	0.25	2,608.79	611.41	-28.15	0.28	0.0%
27-Sep	9:30 AM	0.25	2,282.47	547.59	30.40	13.70	2.5%
27-Sep	9:45 AM	0.25	2,098.24	508.69	79.24	24.12	4.7%
27-Sep	10:00 AM	0.25	1,971.28	488.48	113.69	29.87	6.1%
27-Sep	10:15 AM	0.25	1,936.55	481.47	125.28	31.96	6.6%
27-Sep	10:30 AM	0.25	1,915.20	476.17	130.42	31.33	6.6%
27-Sep	10:45 AM	0.25	1,894.15	472.38	120.22	28.18	6.0%
27-Sep	11:00 AM	0.25	1,884.90	470.28	105.26	24.04	5.1%
27-Sep	11:15 AM	0.25	1,877.33	468.75	87.06	19.33	4.1%
27-Sep	11:30 AM	0.25	1,872.69	467.27	67.57	14.80	3.2%
27-Sep	11:45 AM	0.25	1,865.48	465.00	50.83	10.84	2.3%
27-Sep	12:00 PM	0.25	1,854.55	465.97	35.85	2.67	0.6%
27-Sep	12:15 PM	0.25	1,873.25	473.92	-14.51	-3.04	-0.6%
27-Sep	12:30 PM	0.25	1,918.13	493.22	-9.84	0.30	0.1%
27-Sep	12:45 PM	0.25	2,027.64	521.25	12.20	5.53	1.1%
27-Sep	1:00 PM	0.25	2,142.35	548.49	32.03	10.42	1.9%
27-Sep	1:15 PM	0.25	2,245.60	573.64	51.35	14.20	2.5%
27-Sep	1:30 PM	0.25	2,343.51	597.32	62.27	17.42	2.9%
27-Sep	1:45 PM	0.25	2,435.06	623.59	77.08	20.58	3.3%
27-Sep	2:00 PM	0.25	2,553.65	654.06	87.58	23.53	3.6%
27-Sep	2:15 PM	0.25	2,678.86	671.78	100.69	24.34	3.6%
27-Sep	2:30 PM	0.25	2,695.42	666.66	94.06	24.76	3.7%
27-Sep	2:45 PM	0.25	2,637.86	652.68	104.01	24.54	3.8%
27-Sep	3:00 PM	0.25	2,583.57	638.15	92.29	22.17	3.5%
27-Sep	3:15 PM	0.25	2,521.63	623.39	85.09	21.35	3.4%
27-Sep	3:30 PM	0.25	2,465.52	614.92	85.72	18.15	3.0%
27-Sep	3:45 PM	0.25	2,453.83	613.00	59.52	12.86	2.1%
27-Sep	4:00 PM	0.25	2,450.17	628.53	43.33	8.52	1.4%
27-Sep	4:15 PM	0.25	2,578.11	656.28	24.83	4.22	0.6%
27-Sep	4:30 PM	0.25	2,672.12	660.80	8.94	1.78	0.3%
27-Sep	4:45 PM	0.25	2,614.31	633.54	5.31	2.74	0.4%
27-Sep	5:00 PM	0.25	2,454.03	592.65	16.58	5.36	0.9%
27-Sep	5:15 PM	0.25	2,287.15	573.90	26.31	4.55	0.8%
27-Sep	5:30 PM	0.25	2,304.03	572.14	10.07	1.40	0.2%
27-Sep	5:45 PM	0.22	2,273.09	506.79	1.13	1.03	0.2%
27-Sep	5:58 PM	0.00	2,334.07		8.21		
4-Oct	8:08 AM	0.12	4,150.62	496.51	3.73	0.45	0.1%
4-Oct	8:15 AM	0.25	4,124.59	993.37	3.73	0.93	0.1%
4-Oct	8:30 AM	0.25	3,822.34	921.58	3.73	0.39	0.0%
4-Oct	8:45 AM	0.25	3,550.30	858.51	-0.63	-4.67	-0.5%
4-Oct	9:00 AM	0.25	3,317.81	788.30	-36.72	-10.00	-1.3%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
4-Oct	9:15 AM	0.25	2,988.58	696.91	-43.29	-3.28	-0.5%
4-Oct	9:30 AM	0.25	2,586.69	620.89	17.02	8.21	1.3%
4-Oct	9:45 AM	0.25	2,380.40	573.86	48.63	16.82	2.9%
4-Oct	10:00 AM	0.25	2,210.51	544.95	85.95	23.38	4.3%
4-Oct	10:15 AM	0.25	2,149.08	533.74	101.07	26.67	5.0%
4-Oct	10:30 AM	0.25	2,120.85	526.48	112.28	27.07	5.1%
4-Oct	10:45 AM	0.25	2,090.97	520.71	104.25	24.82	4.8%
4-Oct	11:00 AM	0.25	2,074.74	517.42	94.29	21.53	4.2%
4-Oct	11:15 AM	0.25	2,064.63	515.96	77.97	17.32	3.4%
4-Oct	11:30 AM	0.25	2,063.04	514.91	60.59	13.64	2.6%
4-Oct	11:45 AM	0.25	2,056.22	514.09	48.53	9.73	1.9%
4-Oct	12:00 PM	0.25	2,056.52	517.71	29.33	0.29	0.1%
4-Oct	12:15 PM	0.25	2,085.17	528.38	-27.03	-3.99	-0.8%
4-Oct	12:30 PM	0.25	2,141.90	553.33	-4.89	1.71	0.3%
4-Oct	12:45 PM	0.25	2,284.72	586.10	18.55	7.15	1.2%
4-Oct	1:00 PM	0.25	2,404.07	614.70	38.62	11.79	1.9%
4-Oct	1:15 PM	0.25	2,513.51	639.73	55.68	15.57	2.4%
4-Oct	1:30 PM	0.25	2,604.31	664.31	68.88	18.81	2.8%
4-Oct	1:45 PM	0.25	2,710.18	693.20	81.63	22.43	3.2%
4-Oct	2:00 PM	0.25	2,835.38	720.15	97.83	24.86	3.5%
4-Oct	2:15 PM	0.25	2,925.83	727.89	101.06	25.36	3.5%
4-Oct	2:30 PM	0.25	2,897.33	717.23	101.83	25.26	3.5%
4-Oct	2:45 PM	0.25	2,840.48	701.52	100.23	24.61	3.5%
4-Oct	3:00 PM	0.25	2,771.71	683.75	96.61	25.26	3.7%
4-Oct	3:15 PM	0.25	2,698.26	671.81	105.48	23.84	3.5%
4-Oct	3:30 PM	0.25	2,676.18	670.84	85.26	17.15	2.6%
4-Oct	3:45 PM	0.25	2,690.58	686.72	51.97	9.52	1.4%
4-Oct	4:00 PM	0.25	2,803.20	719.04	24.22	3.75	0.5%
4-Oct	4:15 PM	0.25	2,949.09	740.25	5.78	1.15	0.2%
4-Oct	4:30 PM	0.25	2,972.88	727.26	3.42	0.73	0.1%
4-Oct	4:45 PM	0.25	2,845.21	688.21	2.40	0.78	0.1%
4-Oct	5:00 PM	0.25	2,660.47	657.41	3.83	1.38	0.2%
4-Oct	5:15 PM	0.25	2,598.83	640.11	7.22	1.05	0.2%
4-Oct	5:30 PM	0.25	2,522.03	626.74	1.17	0.33	0.1%
4-Oct	5:45 PM	0.05	2,491.87	125.70	1.43	0.08	0.1%
4-Oct	5:48 PM	0.00	2,536.30		1.87		
11-Oct	8:15 AM	0.25	4,158.92	1031.45	3.73	0.93	0.1%
11-Oct	8:30 AM	0.25	4,092.66	986.38	3.73	0.31	0.0%
11-Oct	8:45 AM	0.25	3,798.40	920.57	-1.27	-2.66	-0.3%
11-Oct	9:00 AM	0.25	3,566.13	863.81	-19.98	-7.86	-0.9%
11-Oct	9:15 AM	0.25	3,344.32	789.70	-42.93	-4.90	-0.6%
11-Oct	9:30 AM	0.25	2,973.31	715.23	3.73	3.22	0.4%
11-Oct	9:45 AM	0.25	2,748.50	661.29	22.01	9.32	1.4%
11-Oct	10:00 AM	0.25	2,541.85	619.85	52.53	15.64	2.5%
11-Oct	10:15 AM	0.25	2,416.91	596.77	72.62	20.27	3.4%
11-Oct	10:30 AM	0.25	2,357.22	583.01	89.56	21.62	3.7%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
11-Oct	10:45 AM	0.25	2,306.86	573.38	83.38	20.64	3.6%
11-Oct	11:00 AM	0.25	2,280.19	568.83	81.75	18.78	3.3%
11-Oct	11:15 AM	0.25	2,270.45	567.36	68.51	15.73	2.8%
11-Oct	11:30 AM	0.25	2,268.41	566.79	57.35	12.84	2.3%
11-Oct	11:45 AM	0.25	2,265.88	567.70	45.40	8.62	1.5%
11-Oct	12:00 PM	0.25	2,275.76	574.17	23.58	-0.04	0.0%
11-Oct	12:15 PM	0.25	2,317.63	589.93	-23.89	-3.05	-0.5%
11-Oct	12:30 PM	0.25	2,401.83	620.24	-0.47	3.03	0.5%
11-Oct	12:45 PM	0.25	2,560.06	655.50	24.68	8.77	1.3%
11-Oct	1:00 PM	0.25	2,683.97	684.89	45.48	13.45	2.0%
11-Oct	1:15 PM	0.25	2,795.18	709.88	62.13	17.30	2.4%
11-Oct	1:30 PM	0.25	2,883.88	736.20	76.28	20.49	2.8%
11-Oct	1:45 PM	0.25	3,005.70	768.62	87.63	23.49	3.1%
11-Oct	2:00 PM	0.25	3,143.24	789.03	100.26	23.98	3.0%
11-Oct	2:15 PM	0.25	3,169.01	785.42	91.57	23.78	3.0%
11-Oct	2:30 PM	0.25	3,114.34	770.42	98.63	24.97	3.2%
11-Oct	2:45 PM	0.25	3,049.05	751.83	101.11	26.38	3.5%
11-Oct	3:00 PM	0.25	2,965.61	733.85	109.94	28.58	3.9%
11-Oct	3:15 PM	0.25	2,905.18	729.41	118.72	24.80	3.4%
11-Oct	3:30 PM	0.25	2,930.08	744.18	79.71	14.79	2.0%
11-Oct	3:45 PM	0.25	3,023.36	780.26	38.61	5.83	0.7%
11-Oct	4:00 PM	0.25	3,218.68	820.06	8.06	1.47	0.2%
11-Oct	4:15 PM	0.25	3,341.79	822.22	3.73	0.83	0.1%
11-Oct	4:30 PM	0.25	3,235.94	786.23	2.93	0.62	0.1%
11-Oct	4:45 PM	0.25	3,053.92	747.94	2.02	0.42	0.1%
11-Oct	5:00 PM	0.25	2,929.63	722.62	1.32	0.37	0.1%
11-Oct	5:15 PM	0.25	2,851.30	697.45	1.63	0.33	0.0%
11-Oct	5:30 PM	0.12	2,728.31	328.61	0.98	0.15	0.0%
11-Oct	5:37 PM	0.00	2,748.49		1.45		
18-Oct	8:21 AM	0.16	4,167.95	664.84	3.73	0.60	0.1%
18-Oct	8:30 AM	0.25	4,142.56	1030.26	3.74	0.93	0.1%
18-Oct	8:45 AM	0.25	4,099.55	991.81	3.73	0.75	0.1%
18-Oct	9:00 AM	0.25	3,834.95	938.31	2.29	-1.50	-0.2%
18-Oct	9:15 AM	0.25	3,671.56	888.28	-14.31	-4.30	-0.5%
18-Oct	9:30 AM	0.25	3,434.72	821.93	-20.05	-3.19	-0.4%
18-Oct	9:45 AM	0.25	3,140.74	754.93	-5.47	1.07	0.1%
18-Oct	10:00 AM	0.25	2,898.71	701.11	14.06	8.62	1.2%
18-Oct	10:15 AM	0.25	2,710.15	666.49	54.90	15.75	2.4%
18-Oct	10:30 AM	0.25	2,621.76	646.79	71.10	16.20	2.5%
18-Oct	10:45 AM	0.25	2,552.58	632.94	58.47	15.72	2.5%
18-Oct	11:00 AM	0.25	2,510.90	625.82	67.31	15.70	2.5%
18-Oct	11:15 AM	0.25	2,495.62	623.20	58.29	13.93	2.2%
18-Oct	11:30 AM	0.25	2,489.96	623.21	53.15	11.68	1.9%
18-Oct	11:45 AM	0.25	2,495.73	625.75	40.28	7.45	1.2%
18-Oct	12:00 PM	0.25	2,510.28	634.85	19.28	-0.20	0.0%
18-Oct	12:15 PM	0.25	2,568.52	658.80	-20.89	-2.53	-0.4%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
18-Oct	12:30 PM	0.25	2,701.88	690.54	0.65	3.84	0.6%
18-Oct	12:45 PM	0.25	2,822.44	719.47	30.08	10.14	1.4%
18-Oct	1:00 PM	0.25	2,933.35	746.03	51.03	14.49	1.9%
18-Oct	1:15 PM	0.25	3,034.87	770.67	64.89	17.49	2.3%
18-Oct	1:30 PM	0.25	3,130.51	799.02	75.07	20.77	2.6%
18-Oct	1:45 PM	0.25	3,261.62	830.78	91.11	23.84	2.9%
18-Oct	2:00 PM	0.25	3,384.60	845.06	99.59	24.03	2.8%
18-Oct	2:15 PM	0.25	3,375.85	837.59	92.62	23.87	2.8%
18-Oct	2:30 PM	0.25	3,324.87	822.04	98.35	25.97	3.2%
18-Oct	2:45 PM	0.25	3,251.49	801.26	109.38	31.94	4.0%
18-Oct	3:00 PM	0.25	3,158.63	791.11	146.14	32.61	4.1%
18-Oct	3:15 PM	0.25	3,170.21	800.08	114.74	22.93	2.9%
18-Oct	3:30 PM	0.25	3,230.42	837.98	68.68	11.11	1.3%
18-Oct	3:45 PM	0.25	3,473.42	892.90	20.21	2.99	0.3%
18-Oct	4:00 PM	0.25	3,669.75	915.49	3.73	0.90	0.1%
18-Oct	4:15 PM	0.25	3,654.20	893.07	3.44	0.74	0.1%
18-Oct	4:30 PM	0.25	3,490.37	847.51	2.49	0.50	0.1%
18-Oct	4:45 PM	0.25	3,289.75	818.97	1.51	0.38	0.0%
18-Oct	5:00 PM	0.25	3,262.01	792.62	1.54	0.32	0.0%
18-Oct	5:15 PM	0.22	3,078.97	678.36	1.01	0.18	0.0%
18-Oct	5:28 PM	0.00	3,087.94		0.61		
25-Oct	8:28 AM	0.04	4,184.74	167.27	3.73	0.15	0.1%
25-Oct	8:30 AM	0.25	4,178.55	1039.27	3.73	0.93	0.1%
25-Oct	8:45 AM	0.25	4,135.63	1028.22	3.73	0.93	0.1%
25-Oct	9:00 AM	0.25	4,090.14	1007.50	3.73	0.93	0.1%
25-Oct	9:15 AM	0.25	3,969.90	971.94	3.73	0.93	0.1%
25-Oct	9:30 AM	0.25	3,805.61	912.53	3.73	0.57	0.1%
25-Oct	9:45 AM	0.25	3,494.66	837.69	0.81	0.57	0.1%
25-Oct	10:00 AM	0.25	3,206.86	774.13	3.73	1.22	0.2%
25-Oct	10:15 AM	0.25	2,986.22	736.64	6.02	3.70	0.5%
25-Oct	10:30 AM	0.25	2,906.91	716.79	23.54	10.60	1.5%
25-Oct	10:45 AM	0.25	2,827.38	699.14	61.24	15.80	2.3%
25-Oct	11:00 AM	0.25	2,765.72	687.26	65.15	14.44	2.1%
25-Oct	11:15 AM	0.25	2,732.34	682.53	50.40	12.15	1.8%
25-Oct	11:30 AM	0.25	2,727.91	683.50	46.84	10.13	1.5%
25-Oct	11:45 AM	0.25	2,740.06	686.78	34.23	6.58	1.0%
25-Oct	12:00 PM	0.25	2,754.21	697.88	18.40	0.01	0.0%
25-Oct	12:15 PM	0.25	2,828.87	725.59	<b>-18.35</b>	<b>-0.76</b>	<b>-0.1%</b>
25-Oct	12:30 PM	0.25	2,975.81	756.97	12.31	5.70	0.8%
25-Oct	12:45 PM	0.25	3,079.99	780.84	33.31	10.47	1.3%
25-Oct	1:00 PM	0.25	3,166.72	801.03	50.44	13.58	1.7%
25-Oct	1:15 PM	0.25	3,241.49	820.19	58.24	15.80	1.9%
25-Oct	1:30 PM	0.25	3,320.00	844.49	68.19	18.56	2.2%
25-Oct	1:45 PM	0.25	3,435.89	869.85	80.27	18.39	2.1%
25-Oct	2:00 PM	0.25	3,522.90	879.11	66.81	18.05	2.1%
25-Oct	2:15 PM	0.25	3,510.00	873.64	77.60	20.60	2.4%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

1/14/2014

Analysis Area (sf): 4499.92

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
25-Oct	2:30 PM	0.25	3,479.10	864.27	87.18	25.28	2.9%
25-Oct	2:45 PM	0.25	3,435.09	856.73	115.04	30.65	3.6%
25-Oct	3:00 PM	0.25	3,418.76	860.74	130.17	27.75	3.2%
25-Oct	3:15 PM	0.25	3,467.15	888.50	91.82	16.62	1.9%
25-Oct	3:30 PM	0.25	3,640.88	936.61	41.14	5.61	0.6%
25-Oct	3:45 PM	0.25	3,851.96	973.60	3.76	0.94	0.1%
25-Oct	4:00 PM	0.25	3,936.81	975.94	3.73	0.87	0.1%
25-Oct	4:15 PM	0.25	3,870.72	947.17	3.19	0.67	0.1%
25-Oct	4:30 PM	0.25	3,706.60	917.87	2.20	0.43	0.0%
25-Oct	4:45 PM	0.25	3,636.32	892.28	1.24	0.25	0.0%
25-Oct	5:00 PM	0.25	3,501.91	854.32	0.78	0.10	0.0%
25-Oct	5:15 PM	0.07	3,332.67	237.06	0.01	-0.01	0.0%
25-Oct	5:19 PM	0.00	3,440.59		-0.19		
1-Nov	8:35 AM	0.17	4,197.93	711.10	3.73	0.63	0.1%
1-Nov	8:45 AM	0.25	4,167.95	1037.14	3.73	0.93	0.1%
1-Nov	9:00 AM	0.25	4,129.19	1027.39	3.73	0.93	0.1%
1-Nov	9:15 AM	0.25	4,089.97	1016.65	3.73	0.93	0.1%
1-Nov	9:30 AM	0.25	4,043.21	984.60	3.73	0.93	0.1%
1-Nov	9:45 AM	0.25	3,833.57	918.47	3.73	0.93	0.1%
1-Nov	10:00 AM	0.25	3,514.23	842.22	3.73	0.93	0.1%
1-Nov	10:15 AM	0.25	3,223.55	788.30	3.73	1.00	0.1%
1-Nov	10:30 AM	0.25	3,082.86	762.33	4.27	1.00	0.1%
1-Nov	10:45 AM	0.25	3,015.81	753.38	3.73	1.62	0.2%
1-Nov	11:00 AM	0.25	3,011.22	747.83	9.24	5.69	0.8%
1-Nov	11:15 AM	0.25	2,971.43	742.61	36.31	11.39	1.5%
1-Nov	11:30 AM	0.25	2,969.42	745.18	54.82	11.09	1.5%
1-Nov	11:45 AM	0.25	2,991.99	750.00	33.93	6.47	0.9%
1-Nov	12:00 PM	0.25	3,008.02	763.61	17.81	0.25	0.0%
1-Nov	12:15 PM	0.25	3,100.84	794.72	-15.78	0.34	0.0%
1-Nov	12:30 PM	0.25	3,256.88	823.58	18.49	6.86	0.8%
1-Nov	12:45 PM	0.25	3,331.79	840.29	36.41	10.78	1.3%
1-Nov	1:00 PM	0.25	3,390.53	852.81	49.79	13.61	1.6%
1-Nov	1:15 PM	0.25	3,431.95	865.61	59.05	15.88	1.8%
1-Nov	1:30 PM	0.25	3,492.92	885.93	67.97	17.69	2.0%
1-Nov	1:45 PM	0.25	3,594.53	904.18	73.56	16.92	1.9%
1-Nov	2:00 PM	0.25	3,638.90	910.31	61.77	16.96	1.9%
1-Nov	2:15 PM	0.25	3,643.57	910.06	73.94	20.68	2.3%
1-Nov	2:30 PM	0.25	3,636.91	905.41	91.50	28.64	3.2%
1-Nov	2:45 PM	0.25	3,606.34	905.17	137.62	32.58	3.6%
1-Nov	3:00 PM	0.25	3,635.01	919.23	123.03	25.39	2.8%
1-Nov	3:15 PM	0.25	3,718.87	954.08	80.10	13.20	1.4%
1-Nov	3:30 PM	0.25	3,913.77	997.74	25.47	3.65	0.4%
1-Nov	3:45 PM	0.25	4,068.17	1018.09	3.73	0.93	0.1%
1-Nov	4:00 PM	0.25	4,076.58	1010.85	3.72	0.82	0.1%
1-Nov	4:15 PM	0.25	4,010.19	986.18	2.83	0.58	0.1%
1-Nov	4:30 PM	0.25	3,879.26	953.34	1.82	0.38	0.0%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
1-Nov	4:45 PM	0.25	3,747.42	924.58	1.19	0.22	0.0%
1-Nov	5:00 PM	0.19	3,649.22	698.05	0.56	0.06	0.0%
1-Nov	5:11 PM	0.00	3,698.72		0.11		
8-Nov	7:43 AM	0.04	4,207.71	168.21	3.73	0.15	0.1%
8-Nov	7:45 AM	0.25	4,202.57	1045.57	3.73	0.93	0.1%
8-Nov	8:00 AM	0.25	4,161.97	1035.33	3.73	0.93	0.1%
8-Nov	8:15 AM	0.25	4,120.64	1025.67	3.73	0.93	0.1%
8-Nov	8:30 AM	0.25	4,084.70	1013.31	3.73	0.93	0.1%
8-Nov	8:45 AM	0.25	4,021.78	978.93	3.73	0.93	0.1%
8-Nov	9:00 AM	0.25	3,809.64	914.95	3.73	0.93	0.1%
8-Nov	9:15 AM	0.25	3,509.99	849.29	3.73	0.93	0.1%
8-Nov	9:30 AM	0.25	3,284.37	807.13	3.73	0.93	0.1%
8-Nov	9:45 AM	0.25	3,172.68	786.79	3.73	0.97	0.1%
8-Nov	10:00 AM	0.25	3,121.67	775.56	4.05	2.11	0.3%
8-Nov	10:15 AM	0.25	3,082.78	777.33	12.85	3.87	0.5%
8-Nov	10:30 AM	0.25	3,135.88	793.81	18.11	4.25	0.5%
8-Nov	10:45 AM	0.25	3,214.60	809.24	15.92	3.69	0.5%
8-Nov	11:00 AM	0.25	3,259.33	829.71	13.57	0.07	0.0%
8-Nov	11:15 AM	0.25	3,378.34	864.33	-13.01	1.28	0.1%
8-Nov	11:30 AM	0.25	3,536.33	889.55	23.27	7.77	0.9%
8-Nov	11:45 AM	0.25	3,580.10	899.01	38.89	11.07	1.2%
8-Nov	12:00 PM	0.25	3,611.96	903.96	49.68	13.36	1.5%
8-Nov	12:15 PM	0.25	3,619.69	910.05	57.19	15.02	1.7%
8-Nov	12:30 PM	0.25	3,660.74	925.14	63.00	15.75	1.7%
8-Nov	12:45 PM	0.25	3,740.40	939.50	62.98	13.39	1.4%
8-Nov	1:00 PM	0.25	3,775.63	944.32	44.15	13.56	1.4%
8-Nov	1:15 PM	0.25	3,778.95	943.67	64.34	20.57	2.2%
8-Nov	1:30 PM	0.25	3,770.38	940.51	100.19	29.31	3.1%
8-Nov	1:45 PM	0.25	3,753.69	943.31	134.26	31.58	3.3%
8-Nov	2:00 PM	0.25	3,792.82	962.59	118.40	22.81	2.4%
8-Nov	2:15 PM	0.25	3,907.88	994.11	64.10	8.63	0.9%
8-Nov	2:30 PM	0.25	4,044.99	1018.33	4.96	1.09	0.1%
8-Nov	2:45 PM	0.25	4,101.65	1025.92	3.73	0.92	0.1%
8-Nov	3:00 PM	0.25	4,105.73	1022.09	3.66	0.79	0.1%
8-Nov	3:15 PM	0.25	4,070.97	1006.45	2.67	0.56	0.1%
8-Nov	3:30 PM	0.25	3,980.65	978.71	1.77	0.38	0.0%
8-Nov	3:45 PM	0.25	3,849.04	957.58	1.26	0.26	0.0%
8-Nov	4:00 PM	0.07	3,811.60	269.28	0.80	0.05	0.0%
8-Nov	4:04 PM	0.00	3,882.22		0.75		
15-Nov	7:50 AM	0.17	4,215.19	714.93	3.73	0.63	0.1%
15-Nov	8:00 AM	0.25	4,195.76	1043.83	3.73	0.93	0.1%
15-Nov	8:15 AM	0.25	4,154.85	1033.68	3.73	0.93	0.1%
15-Nov	8:30 AM	0.25	4,114.63	1024.37	3.73	0.93	0.1%
15-Nov	8:45 AM	0.25	4,080.36	1010.20	3.73	0.93	0.1%
15-Nov	9:00 AM	0.25	4,001.20	973.26	3.73	0.93	0.1%
15-Nov	9:15 AM	0.25	3,784.90	911.14	3.73	0.93	0.1%

# 2430 Vallejo Street

1/14/2014

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
15-Nov	9:30 AM	0.25	3,504.24	858.48	3.73	0.93	0.1%
15-Nov	9:45 AM	0.25	3,363.57	828.17	3.75	0.94	0.1%
15-Nov	10:00 AM	0.25	3,261.81	805.22	3.75	1.67	0.2%
15-Nov	10:15 AM	0.25	3,179.97	800.87	9.58	3.14	0.4%
15-Nov	10:30 AM	0.25	3,226.99	820.01	15.52	3.21	0.4%
15-Nov	10:45 AM	0.25	3,333.06	840.98	10.14	2.14	0.3%
15-Nov	11:00 AM	0.25	3,394.77	868.45	6.95	-0.54	-0.1%
15-Nov	11:15 AM	0.25	3,552.86	913.98	-11.26	1.47	0.2%
15-Nov	11:30 AM	0.25	3,758.98	945.19	23.01	7.86	0.8%
15-Nov	11:45 AM	0.25	3,802.56	952.50	39.85	11.87	1.2%
15-Nov	12:00 PM	0.25	3,817.47	952.48	55.08	14.78	1.6%
15-Nov	12:15 PM	0.25	3,802.36	952.55	63.17	16.82	1.8%
15-Nov	12:30 PM	0.25	3,818.06	962.12	71.37	17.11	1.8%
15-Nov	12:45 PM	0.25	3,878.93	972.96	65.48	15.45	1.6%
15-Nov	1:00 PM	0.25	3,904.73	975.06	58.10	17.76	1.8%
15-Nov	1:15 PM	0.25	3,895.76	970.41	84.01	26.81	2.8%
15-Nov	1:30 PM	0.25	3,867.50	968.66	130.48	33.74	3.5%
15-Nov	1:45 PM	0.25	3,881.81	976.52	139.45	31.84	3.3%
15-Nov	2:00 PM	0.25	3,930.33	996.60	115.25	20.40	2.0%
15-Nov	2:15 PM	0.25	4,042.51	1018.37	47.97	6.46	0.6%
15-Nov	2:30 PM	0.25	4,104.44	1026.74	3.73	0.93	0.1%
15-Nov	2:45 PM	0.25	4,109.45	1028.29	3.73	0.92	0.1%
15-Nov	3:00 PM	0.25	4,116.89	1028.45	3.62	0.77	0.1%
15-Nov	3:15 PM	0.25	4,110.74	1020.99	2.52	0.55	0.1%
15-Nov	3:30 PM	0.25	4,057.14	1002.69	1.90	0.43	0.0%
15-Nov	3:45 PM	0.22	3,964.40	891.70	1.52	0.32	0.0%
15-Nov	3:58 PM	0.00	4,141.92		1.38		
22-Nov	7:58 AM	0.04	4,219.75	168.73	3.73	0.15	0.1%
22-Nov	8:00 AM	0.25	4,216.88	1050.53	3.73	0.93	0.1%
22-Nov	8:15 AM	0.25	4,187.38	1041.48	3.73	0.93	0.1%
22-Nov	8:30 AM	0.25	4,144.49	1031.47	3.73	0.93	0.1%
22-Nov	8:45 AM	0.25	4,107.30	1022.93	3.73	0.93	0.1%
22-Nov	9:00 AM	0.25	4,076.14	1011.68	3.73	0.93	0.1%
22-Nov	9:15 AM	0.25	4,017.32	969.58	3.73	0.93	0.1%
22-Nov	9:30 AM	0.25	3,739.33	911.99	3.73	0.93	0.1%
22-Nov	9:45 AM	0.25	3,556.63	872.94	3.74	0.93	0.1%
22-Nov	10:00 AM	0.25	3,426.89	838.67	3.73	0.93	0.1%
22-Nov	10:15 AM	0.25	3,282.47	823.20	3.74	1.21	0.1%
22-Nov	10:30 AM	0.25	3,303.10	839.39	5.97	1.80	0.2%
22-Nov	10:45 AM	0.25	3,411.99	860.27	8.40	2.92	0.3%
22-Nov	11:00 AM	0.25	3,470.16	885.30	14.98	0.56	0.1%
22-Nov	11:15 AM	0.25	3,612.24	930.56	-10.51	1.00	0.1%
22-Nov	11:30 AM	0.25	3,832.22	965.95	18.55	5.62	0.6%
22-Nov	11:45 AM	0.25	3,895.35	977.26	26.40	6.75	0.7%
22-Nov	12:00 PM	0.25	3,922.70	981.86	27.57	6.79	0.7%
22-Nov	12:15 PM	0.25	3,932.21	984.64	26.76	6.39	0.6%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	SAMPLE	Decrease in total shadow %	SAMPLE
No change in total shading (sf)	SAMPLE	Shadow increase of 0-5%	SAMPLE
Increase in total shading (sf)	SAMPLE	Shadow increase of 5-10%	SAMPLE
		Shadow increase above 10%	SAMPLE

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
22-Nov	12:30 PM	0.25	3,944.94	992.08	24.33	4.11	0.4%
22-Nov	12:45 PM	0.25	3,991.69	1000.21	8.59	2.38	0.2%
22-Nov	1:00 PM	0.25	4,010.02	1000.07	10.41	7.72	0.8%
22-Nov	1:15 PM	0.25	3,990.57	992.99	51.32	19.89	2.0%
22-Nov	1:30 PM	0.25	3,953.36	992.21	107.76	26.03	2.6%
22-Nov	1:45 PM	0.25	3,984.29	1001.41	100.47	21.71	2.2%
22-Nov	2:00 PM	0.25	4,026.98	1014.72	73.22	11.48	1.1%
22-Nov	2:15 PM	0.25	4,090.74	1025.22	18.60	2.79	0.3%
22-Nov	2:30 PM	0.25	4,111.03	1028.47	3.73	0.93	0.1%
22-Nov	2:45 PM	0.25	4,116.74	1030.18	3.73	0.90	0.1%
22-Nov	3:00 PM	0.25	4,124.67	1032.37	3.51	0.74	0.1%
22-Nov	3:15 PM	0.25	4,134.28	1030.51	2.45	0.57	0.1%
22-Nov	3:30 PM	0.25	4,109.76	1035.58	2.08	0.50	0.0%
22-Nov	3:45 PM	0.15	4,174.89	627.33	1.89	0.28	0.0%
22-Nov	3:54 PM	0.00	4,189.52		1.90		
29-Nov	8:05 AM	0.17	4,223.12	716.85	3.73	0.63	0.1%
29-Nov	8:15 AM	0.25	4,210.44	1048.19	3.73	0.93	0.1%
29-Nov	8:30 AM	0.25	4,175.06	1038.67	3.73	0.93	0.1%
29-Nov	8:45 AM	0.25	4,134.33	1029.25	3.73	0.93	0.1%
29-Nov	9:00 AM	0.25	4,099.64	1021.34	3.73	0.93	0.1%
29-Nov	9:15 AM	0.25	4,071.09	1009.26	3.73	0.93	0.1%
29-Nov	9:30 AM	0.25	4,003.01	968.37	3.73	0.93	0.1%
29-Nov	9:45 AM	0.25	3,743.95	917.38	3.74	0.93	0.1%
29-Nov	10:00 AM	0.25	3,595.08	872.43	3.74	0.93	0.1%
29-Nov	10:15 AM	0.25	3,384.35	841.73	3.73	0.94	0.1%
29-Nov	10:30 AM	0.25	3,349.53	851.88	3.77	0.78	0.1%
29-Nov	10:45 AM	0.25	3,465.53	874.21	2.49	2.16	0.2%
29-Nov	11:00 AM	0.25	3,528.17	896.09	14.79	0.50	0.1%
29-Nov	11:15 AM	0.25	3,640.56	938.35	-10.78	0.61	0.1%
29-Nov	11:30 AM	0.25	3,866.26	974.22	15.68	4.67	0.5%
29-Nov	11:45 AM	0.25	3,927.52	984.11	21.72	5.52	0.6%
29-Nov	12:00 PM	0.25	3,945.33	987.83	22.42	5.34	0.5%
29-Nov	12:15 PM	0.25	3,957.29	991.16	20.26	4.66	0.5%
29-Nov	12:30 PM	0.25	3,971.98	996.49	17.05	2.75	0.3%
29-Nov	12:45 PM	0.25	3,999.94	1002.43	4.96	1.15	0.1%
29-Nov	1:00 PM	0.25	4,019.49	1004.47	4.22	4.00	0.4%
29-Nov	1:15 PM	0.25	4,016.24	1002.19	27.80	11.56	1.2%
29-Nov	1:30 PM	0.25	4,001.28	1004.64	64.72	14.54	1.4%
29-Nov	1:45 PM	0.25	4,035.87	1014.18	51.61	9.67	1.0%
29-Nov	2:00 PM	0.25	4,077.54	1023.15	25.72	3.99	0.4%
29-Nov	2:15 PM	0.25	4,107.68	1028.02	6.23	1.24	0.1%
29-Nov	2:30 PM	0.25	4,116.45	1029.89	3.73	0.93	0.1%
29-Nov	2:45 PM	0.25	4,122.70	1031.74	3.73	0.91	0.1%
29-Nov	3:00 PM	0.25	4,131.26	1034.45	3.58	0.77	0.1%
29-Nov	3:15 PM	0.25	4,144.38	1038.27	2.59	0.61	0.1%
29-Nov	3:30 PM	0.25	4,161.82	1043.07	2.31	0.58	0.1%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

1/14/2014

Analysis Area (sf): 4499.92

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
29-Nov	3:45 PM	0.10	4,182.72	418.73	2.31	0.23	0.1%
29-Nov	3:51 PM	0.00	4,191.96		2.37		
6-Dec	8:11 AM	0.08	4,223.12	337.85	3.73	0.30	0.1%
6-Dec	8:15 AM	0.25	4,223.12	1053.04	3.73	0.93	0.1%
6-Dec	8:30 AM	0.25	4,201.19	1045.07	3.73	0.93	0.1%
6-Dec	8:45 AM	0.25	4,159.38	1035.10	3.73	0.93	0.1%
6-Dec	9:00 AM	0.25	4,121.39	1026.48	3.73	0.93	0.1%
6-Dec	9:15 AM	0.25	4,090.49	1019.20	3.73	0.93	0.1%
6-Dec	9:30 AM	0.25	4,063.13	1000.85	3.73	0.93	0.1%
6-Dec	9:45 AM	0.25	3,943.67	959.77	3.75	0.94	0.1%
6-Dec	10:00 AM	0.25	3,734.47	902.15	3.74	0.93	0.1%
6-Dec	10:15 AM	0.25	3,482.71	858.61	3.73	0.93	0.1%
6-Dec	10:30 AM	0.25	3,386.17	858.77	3.74	0.92	0.1%
6-Dec	10:45 AM	0.25	3,483.99	881.08	3.60	2.55	0.3%
6-Dec	11:00 AM	0.25	3,564.68	901.18	16.81	0.36	0.0%
6-Dec	11:15 AM	0.25	3,644.73	940.23	-13.89	-0.38	0.0%
6-Dec	11:30 AM	0.25	3,877.10	977.44	10.87	3.59	0.4%
6-Dec	11:45 AM	0.25	3,942.46	987.24	17.88	4.47	0.5%
6-Dec	12:00 PM	0.25	3,955.47	990.53	17.85	4.16	0.4%
6-Dec	12:15 PM	0.25	3,968.80	993.97	15.45	3.37	0.3%
6-Dec	12:30 PM	0.25	3,982.96	997.97	11.53	2.19	0.2%
6-Dec	12:45 PM	0.25	4,000.79	1002.71	6.03	1.22	0.1%
6-Dec	1:00 PM	0.25	4,020.88	1006.97	3.73	1.72	0.2%
6-Dec	1:15 PM	0.25	4,034.92	1008.20	10.01	5.67	0.6%
6-Dec	1:30 PM	0.25	4,030.71	1011.74	35.39	7.51	0.7%
6-Dec	1:45 PM	0.25	4,063.20	1019.79	24.69	4.33	0.4%
6-Dec	2:00 PM	0.25	4,095.12	1026.01	9.94	1.71	0.2%
6-Dec	2:15 PM	0.25	4,112.97	1029.14	3.73	0.93	0.1%
6-Dec	2:30 PM	0.25	4,120.19	1030.89	3.73	0.93	0.1%
6-Dec	2:45 PM	0.25	4,126.94	1032.82	3.73	0.92	0.1%
6-Dec	3:00 PM	0.25	4,135.64	1035.57	3.64	0.79	0.1%
6-Dec	3:15 PM	0.25	4,148.94	1039.42	2.72	0.66	0.1%
6-Dec	3:30 PM	0.25	4,166.42	1044.20	2.53	0.64	0.1%
6-Dec	3:45 PM	0.10	4,187.17	419.18	2.61	0.27	0.1%
6-Dec	3:51 PM	0.00	4,196.38		2.77		
13-Dec	8:17 AM	0.22	4,223.12	927.97	3.73	0.82	0.1%
13-Dec	8:30 AM	0.25	4,212.95	1049.18	3.73	0.93	0.1%
13-Dec	8:45 AM	0.25	4,180.52	1040.04	3.73	0.93	0.1%
13-Dec	9:00 AM	0.25	4,139.76	1030.66	3.73	0.93	0.1%
13-Dec	9:15 AM	0.25	4,105.53	1022.86	3.73	0.93	0.1%
13-Dec	9:30 AM	0.25	4,077.31	1013.29	3.74	0.94	0.1%
13-Dec	9:45 AM	0.25	4,029.03	987.31	3.76	0.94	0.1%
13-Dec	10:00 AM	0.25	3,869.45	929.75	3.74	0.93	0.1%
13-Dec	10:15 AM	0.25	3,568.56	873.65	3.73	0.93	0.1%
13-Dec	10:30 AM	0.25	3,420.63	862.49	3.73	0.93	0.1%
13-Dec	10:45 AM	0.25	3,479.26	882.07	3.73	2.22	0.3%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

Analysis Area (sf): 4499.92

1/14/2014

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	<b>SAMPLE</b>	Decrease in total shadow %	<b>SAMPLE</b>
No change in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 0-5%	<b>SAMPLE</b>
Increase in total shading (sf)	<b>SAMPLE</b>	Shadow increase of 5-10%	<b>SAMPLE</b>
		Shadow increase above 10%	<b>SAMPLE</b>

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
13-Dec	11:00 AM	0.25	3,577.27	902.62	14.07	-0.82	-0.1%
13-Dec	11:15 AM	0.25	3,643.71	939.51	-20.65	-2.42	-0.3%
13-Dec	11:30 AM	0.25	3,872.35	977.63	1.26	2.12	0.2%
13-Dec	11:45 AM	0.25	3,948.65	988.72	15.67	3.88	0.4%
13-Dec	12:00 PM	0.25	3,961.13	991.79	15.35	3.62	0.4%
13-Dec	12:15 PM	0.25	3,973.17	994.97	13.62	2.95	0.3%
13-Dec	12:30 PM	0.25	3,986.57	998.57	9.99	2.02	0.2%
13-Dec	12:45 PM	0.25	4,002.01	1002.84	6.19	1.24	0.1%
13-Dec	1:00 PM	0.25	4,020.71	1007.56	3.74	0.93	0.1%
13-Dec	1:15 PM	0.25	4,039.74	1009.52	3.74	3.94	0.4%
13-Dec	1:30 PM	0.25	4,036.41	1012.91	27.80	5.92	0.6%
13-Dec	1:45 PM	0.25	4,066.90	1020.54	19.54	3.29	0.3%
13-Dec	2:00 PM	0.25	4,097.45	1026.43	6.81	1.32	0.1%
13-Dec	2:15 PM	0.25	4,113.95	1029.55	3.73	0.93	0.1%
13-Dec	2:30 PM	0.25	4,122.46	1031.42	3.73	0.93	0.1%
13-Dec	2:45 PM	0.25	4,128.87	1033.30	3.73	0.93	0.1%
13-Dec	3:00 PM	0.25	4,137.54	1036.00	3.70	0.82	0.1%
13-Dec	3:15 PM	0.25	4,150.46	1039.77	2.84	0.69	0.1%
13-Dec	3:30 PM	0.25	4,167.73	1044.49	2.69	0.68	0.1%
13-Dec	3:45 PM	0.10	4,188.19	419.25	2.77	0.28	0.1%
13-Dec	3:51 PM	0.00	4,196.85		2.92		
21-Dec	8:22 AM	0.14	4,223.12	591.07	3.73	0.52	0.1%
21-Dec	8:30 AM	0.25	4,220.79	1052.14	3.73	0.93	0.1%
21-Dec	8:45 AM	0.25	4,196.34	1043.82	3.73	0.93	0.1%
21-Dec	9:00 AM	0.25	4,154.25	1034.00	3.73	0.93	0.1%
21-Dec	9:15 AM	0.25	4,117.74	1025.65	3.73	0.93	0.1%
21-Dec	9:30 AM	0.25	4,087.44	1018.09	3.74	0.93	0.1%
21-Dec	9:45 AM	0.25	4,057.29	1000.68	3.73	0.94	0.1%
21-Dec	10:00 AM	0.25	3,948.15	953.04	3.76	0.94	0.1%
21-Dec	10:15 AM	0.25	3,676.19	891.78	3.73	0.93	0.1%
21-Dec	10:30 AM	0.25	3,458.08	864.38	3.73	0.93	0.1%
21-Dec	10:45 AM	0.25	3,456.98	878.21	3.73	1.56	0.2%
21-Dec	11:00 AM	0.25	3,568.67	899.39	8.75	1.01	0.1%
21-Dec	11:15 AM	0.25	3,626.47	929.39	-0.65	0.03	0.0%
21-Dec	11:30 AM	0.25	3,808.67	969.48	0.90	1.81	0.2%
21-Dec	11:45 AM	0.25	3,947.19	988.57	13.58	3.57	0.4%
21-Dec	12:00 PM	0.25	3,961.40	991.83	14.94	3.47	0.3%
21-Dec	12:15 PM	0.25	3,973.21	994.83	12.81	2.91	0.3%
21-Dec	12:30 PM	0.25	3,985.45	998.23	10.44	2.14	0.2%
21-Dec	12:45 PM	0.25	4,000.40	1002.27	6.70	1.30	0.1%
21-Dec	1:00 PM	0.25	4,017.74	1006.75	3.73	0.93	0.1%
21-Dec	1:15 PM	0.25	4,036.25	1008.95	3.73	3.56	0.4%
21-Dec	1:30 PM	0.25	4,035.38	1012.29	24.73	5.46	0.5%
21-Dec	1:45 PM	0.25	4,062.94	1019.50	18.92	3.39	0.3%
21-Dec	2:00 PM	0.25	4,093.08	1025.64	8.19	1.50	0.1%
21-Dec	2:15 PM	0.25	4,112.00	1029.22	3.82	0.94	0.1%

# 2430 Vallejo Street

2426 & 2440 Vallejo Street Open Spaces

1/14/2014

Analysis Area (sf): 4499.92

## ADDITIONAL SHADING INFORMATION LEGEND

Increase in total shading (sf)	SAMPLE	Decrease in total shadow %	SAMPLE
No change in total shading (sf)	SAMPLE	Shadow increase of 0-5%	SAMPLE
Increase in total shading (sf)	SAMPLE	Shadow increase of 5-10%	SAMPLE
		Shadow increase above 10%	SAMPLE

Date	Start Time	Duration	Current Shading		Additional Shading by Project		Percent Increase
			Shading (sf)	Shading (sf/hr)	Shading (sf)	Shading (sf/hr)	
21-Dec	2:30 PM	0.25	4,121.77	1031.28	3.73	0.93	0.1%
21-Dec	2:45 PM	0.25	4,128.45	1033.13	3.73	0.93	0.1%
21-Dec	3:00 PM	0.25	4,136.57	1035.64	3.73	0.86	0.1%
21-Dec	3:15 PM	0.25	4,148.59	1039.17	3.11	0.73	0.1%
21-Dec	3:30 PM	0.25	4,164.75	1043.67	2.70	0.69	0.1%
21-Dec	3:45 PM	0.17	4,184.62	712.65	2.79	0.50	0.1%
21-Dec	3:55 PM	0.00	4,199.51		3.07		