BOARD OF APPEALS, CITY & COUNTY OF SAN FRANCISCO

Appeal of	Appeal No. 21-101
KEIKO TSUYUKI and VLADIMIR YAFASOV,	
Appellant(s)	
)	
vs.)	
DEPARTMENT OF BUILDING INSPECTION,	
PLANNING DEPARTMENT APPROVAL Respondent	

NOTICE OF APPEAL

NOTICE IS HEREBY GIVEN THAT on November 8, 2021, the above named appellant(s) filed an appeal with the Board of Appeals of the City and County of San Francisco from the decision or order of the above named department(s), commission, or officer.

The substance or effect of the decision or order appealed from is the ISSUANCE on October 22, 2021 to Matt Bailey, of an Alteration Permit (New 230 square foot deck, two new windows and two new doors at rear, Warren Drive side of lot; 78 square foot addition at level one under existing cantilever at rear of residence; new bathroom and new half bathroom at level one; plumbing and electrical as required) at 355 Oak Park Drive.

APPLICATION NO. 2021/10/14/0495

FOR HEARING ON December 15, 2021

Address of Appellant(s):	Address of Other Parties:
Keiko Tsuyuki and Vladimir Yafasov, Appellant(s) c/o Ryan Patterson, Attorney for Appellant(s) Zacks Freedman & Patterson, P.C. 601 Montgomery Street, Suite 400 San Francisco, CA 94111	Matt Bailey, Permit Holder(s) 505 14th Avenue San Francisco, CA 94118



Date Filed:

BOARD OF APPEALS

NOV 0 8 2021

APPEAL # 21-101

CITY & COUNTY OF SAN FRANCISCO BOARD OF APPEALS

PRELIMINARY STATEMENT FOR APPEAL NO. 21-101

I / We, Kelko Tsuyukl and Vladimir Yafasov, hereby appeal the following departmental action: ISSUANCE of Alteration

Permit No. 2021/10/14/0495 by the Department of Building Inspection which was issued or became effective on: October

22, 2021, to: Matt Bailey, for the property located at: 355 Oak Park Drive.

BRIEFING SCHEDULE:

The Appellant may, but is not required to, submit a one page (double-spaced) supplementary statement with this Preliminary Statement of Appeal. No exhibits or other submissions are allowed at this time.

Appellant's Brief is due on or before: 4:30 p.m. on **November 24, 2021**, **(Due to the Thanksgiving Holiday the brief submission is no later than three Wednesday prior to the hearing date)**. The brief may be up to 12 pages in length with unlimited exhibits. It shall be double-spaced with a minimum 12-point font. An electronic copy should be emailed to: boardofappeals@sfgov.org, julie.rosenberg@sfgov.org scott.sanchez@sfgov.org and permit holder(s)

Respondent's and Other Parties' Briefs are due on or before: 4:30 p.m. on **December 9, 2021**, (no later than one Thursday prior to hearing date). The brief may be up to 12 pages in length with unlimited exhibits. It shall be doubled-spaced with a minimum 12-point font. An electronic copy should be emailed to: boardofappeals@sfgov.org, julie.rosenberg@sfgov.org scott.sanchez@sfgov.org and appellant(s)

Please note briefs can be submitted via email and hard copies of the brief do NOT need to be submitted.

Only photographs and drawings may be submitted by the parties at the hearing.

Hearing Date: **Wednesday, December 15, 2021, 5:00 p.m.,** via Zoom. Information for access to the hearing will be provided before the hearing date.

All parties to this appeal must adhere to the briefing schedule above, however if the hearing date is changed, the briefing schedule MAY also be changed. Written notice will be provided of any change to the briefing schedule.

In order to have their documents sent to the Board members prior to hearing, **members of the public** should email all documents of support/opposition no later than one Thursday prior to hearing date by 4:30 p.m. to <u>boardofappeals@sfgov.org</u>. Please note that names and contact information included in submittals from members of the public will become part of the public record. Submittals from members of the public may be made anonymously.

Please note that in addition to the parties' briefs, any materials that the Board receives relevant to this appeal, including letters of support/opposition from members of the public, are distributed to Board members prior to hearing. All such materials are available for inspection on the Board's website at www.sfgov.org/boaYou may also request a copy of the packet of materials that are provided to Board members at a cost of 10 cents per page, per S.F. Admin. Code Ch. 67.28.

The reasons for this appeal are as follows:

See attachment to the preliminary statement of appeal.

Appellant or Agent (Circle One):

Signature:

Print Name: KEIKO TSULY

NOV 0 8 2021 APPEAL # 2/-/0/

To:

Board of Appeals

Re:

Appeal for Notification of Structural Addition - Application Number: 202110140495

Permit No. 1547243

Permit Issue Date: 10-22-2021

Property Address: 355 Oak Park Drive, San Francisco, CA 94131

Owners: Matt Bailey and Cindy Chen

From: Vladimir Yafasov

Keiko (Kay) Tsuyuki

347 Oak Park Drive

361 Oak Park Drive

San Francisco, CA 94131

San Francisco, CA 94131

415 244-2954

415 370-3163

We, Vladimir (Vlad) Yafasov, property owner of 347 Oak Park Drive, SF, CA and Keiko (Kay) Tsuyuki, Tsuyuki Living Trust, Keiko Tsuyuki, Trustee, of 361 Oak Park Drive, neighbors on both sides of 355 Oak Park Drive, SF, CA, are filing an appeal for Permit No. 1547243.

The issue is a 10 feet depth deck (10′ x 28′) that is planned to be built from the permit holder's second level (from their living and dining rooms) facing Warren Drive. The Notification of Structural Addition states "(N) 230 SF Deck, 2 (N) Windows and 2 (N) doors @ Rear. Warren Drive side of lot. 78 SF Addition @ 1* Level under (E) cantilever@ Rear of Residence." Notice states the deck will be on the 1* level, but building plans reads 2*nd level. This is totally misleading. It was not until Kay went to DBI that she discovered deck plan is for 2*nd level. Due to the size and very close proximity to both Vlad and Kay's homes, we are adamant that our privacies will be invaded and impacted by this deck. Anyone standing on the deck have a bird's eye view directly into our living rooms, dining rooms, and downstairs bedrooms. Their deck and our picture windows upstairs will be approximately 9 to 10 feet apart at the closest distance. This is too close! Also, because their planned deck is on the 2*nd level, their viewing angle becomes wider, more visible into our private living spaces, as they step further out. Noise is another issue we are concerned about. We are most definitely opposed to this10 feet depth deck being built on the 2*nd level. We are willing to negotiate with Matt and Cindy to build a 5' depth deck (5' x 28') instead of 10' depth (10' x 28').

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OWNER'S AUTHORIZED AGENT

Number of attachments

CONDITIONS AND STIPULATIONS

BOARD OF APPEALS

Permit Details Report

Report Date:

11/8/2021 10:37:10 AM

NOV 08 2021

APPEAL # 21-101

Application Number:

202110140495

Q

Form Number: Address(es):

2678 / 008 / 0 355 OAK PARK DR

Description:

(N) 230 SF DECK, 2(N) WINDOWS & 2(N) DOORS @ REAR. WARREN DRIVE SIDE OF LOT. 78 SF ADDITION @ 1ST LEVEL UNDER (E) CANTILEVER @ REAR OF RESIDENCE. (N) BATH AND (N) HALF BATH @ LEVEL 1. PLUMBING AND ELECTRICAL AS REQ

Cost:

\$100,000.00

Occupancy Code:

Building Use:

R-3

27 - 1 FAMILY DWELLING

Disposition / Stage:

Action Date	Stage	Comments
10/14/2021	TRIAGE	
10/14/2021	FILING	
10/14/2021	FILED	
10/22/2021	APPROVED	
10/22/2021	ISSUED	

Contact Details:

Contractor Details:

License Number:

917919

Name:

MATT BAILEY

Company Name:

BAILEY GENERAL CONTRACTING CO INC 505 14TH AV * SAN FRANCISCO CA 94118-

Address:

0000

Phone:

Addenda Details:

Description:

Step	Station			In Hold	Out Hold	Finish	Checked By	Hold Description
1	INTAKE	10/14/21	10/14/21			10/14/21	JINGJING LU	
2	CP-ZOC	10/14/21	10/14/21			10/14/21	TAYLOR MICHELLE	OTC approval. Interior T.I. to SFD - no added units. 78sf horizontal infill under cantilever. 23osf deck at rear within buildable area and less than 10' in height. Work is not visible from POW. Michelle Taylor 10.14.21
3	BLDG	10/14/21	10/14/21	10/14/21	10/20/21	10/20/21	CHAN PHILIP	OTC Approved. 10/20/2021 OTC hold comments issued
4	месн	10/20/21	10/20/21			10/20/21	NAGATA TIMOTHY	Project approved OTC. Plans given to permit applicant.
5	SFPUC	10/20/21	10/20/21			10/20/21	IMSON GRACE	Capacity Charge not applicable. No change in meter size, not enough fixtures added to warrant a larger meter. Plans with the applicant. Route to CPB - 10/20/2021
6	CPB	10/22/21	10/22/21			10/22/21	JINGJING LU	

This permit has been issued. For information pertaining to this permit, please call 628-652-3450.

Appointments:

Appointment Date	Appointme AM/PM	ent Appointment Code	Appointment Type	Description	Tim Slot
10/26/2021	AM	VS	IVR Scheduled	OK TO POUR	1

Inspections:

Activity Date Inspector		Inspection Description	Inspection Status	
10/26/2021	Carl Weaver	OK TO POUR	REINFORCING STEEL	

Special Inspections:

	Completed Date	Inspected By	Inspection Code	Description	Remarks
0				CONCRETE (PLACEMENT & SAMPLING)	
0				REINFORCING STEEL AND PRETRESSING TENDONS	

Department of Building Inspection

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o	19		SHEAR WALLS AND FLOOR SYSTEMS USED AS SHEAR DIAPHRAGMS	

For information, or to schedule an inspection, call 628-652-3400 between 8:30 am and 3:00 pm,

Station Code Descriptions and Phone Numbers

BOARD OF APPEALS

NOV 0 8 2021

APPEAL #21-10/

Online Permit and Complaint Tracking home page.

Technical Support for Online Services

If you need help or have a question about this service, please visit our FAQ area.

Contact SFGov Accessibility Policies
City and County of San Francisco © 2021

BRIEF(S) SUBMITTED BY APPELLANT(S)

1 2	RYAN J. PATTERSON (SBN 277971) LAURA F. STRAZZO (SBN 312593) ZACKS, FREEDMAN & PATTERSON, PC	
3	601 Montgomery Street, Suite 400 San Francisco, CA 94111	
4	Tel: (415) 956-8100 Fax: (415) 288-9755	
5	Attorneys for Appellants, Vladimir Yafasov and Keiko (Kay) Tsuyuki	
6		
7		
8	SAN FRANCISCO B	OARD OF APPEALS
9	VLADIMIR YAFASOV and KEIKO (KAY)	Appeal No.: 21-101
10	TSUYUKI	APPELLANTS' BRIEF
11	Appellant,	ATTELLANTS BRIEF
12	vs.	DDA Na . 202110140405
13	CITY AND COUNTY OF SAN FRANCISCO and SAN FRANCISCO DEPARTMENT OF	BPA No.: 202110140495 Subject Address: 355 Oak Park Drive Hearing Date: December 15, 2021
14	BUILDING INSPECTION,	Hearing Date. December 13, 2021
15	Respondents.	
16	MATT BAILEY and CINDY CHEN,	
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18	Permit Holders.	
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T. INTRODUCTION

The question in this case is whether a deck larger than those in the neighborhood should be permitted when the deck would create significant privacy impacts. The answer to this question is "no." Furthermore, this deck does not fall under Planning Code § 136's exception for permitted obstructions in the rear yard open space because it would be built more than 10 feet above grade. Therefore, the Board of Appeals should deny the permit or reduce the deck size to protect the neighboring properties' privacy.

II. **FACTS**

This appeal concerns Matt Bailey and Cindy Chen's (the "Permit Holders") proposal to build a 78-square-foot addition on the first level at the rear of 355 Oak Park Drive (the "Property") and build a large 230-square-foot deck on the second story of the structure pursuant to BPA No. 1547243 (the "Project"). Appellant Vladimir Yafasov owns the property directly to the east at 347 Oak Park Drive, and Appellant Keiko Tsuyuki owns the property directly to the west at 361 Oak Park Drive.

The rear walls on the homes along Oak Park Drive are aligned. Because the Project proposes to build an unusually deep deck on the second story with a depth of 10 feet, it provides a direct line of sight into the Appellants' private homes. Appellants' primary living areas are at the second story at the rear of their properties, and they have bedrooms at the rear on the first story. Locating a large deck adjacent to their homes would therefore create unreasonable privacy impacts. (Declaration of Michael Garavaglia, AIA; Declaration of Keiko Tsuyuki.)

The permit was issued without a neighborhood 311 notice because the plans indicated that the proposed deck was less than 10' in height. However, the natural grade of the property was raised by a retaining wall, so the deck is actually more than 10' above the natural grade. Prior to filing this appeal, Appellants raised their concerns about the Project directly with the Owners.

Appellants would be fine with a 5-foot-deep deck pulled at least five feet back from the side property lines, which would significantly alleviate their privacy concerns. However, Permit Holders were unwilling to compromise on a smaller deck.

III. LEGAL ARGUMENT

The Project should not have been approved because it does not comply with the Residential Design Guidelines ("RDGs") or the Planning Code.

> a. The Permit Was Issued In Error Because The Project Will Create Unreasonable Privacy Impacts, In Violation of the Residential Design Guidelines.

The Residential Design Guidelines require decks to be sensitively located and designed "with the smallest possible overall dimensions that meet the requirements of the Building and

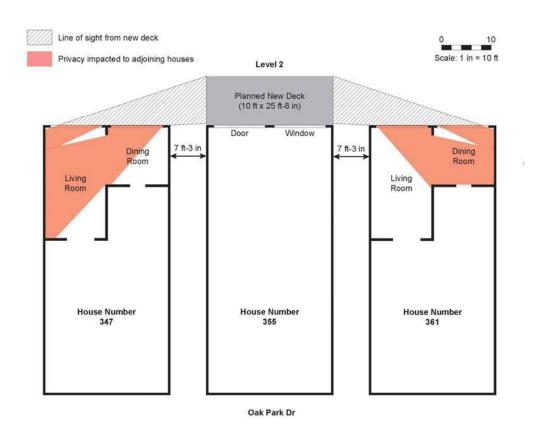


Figure 1: Site Plan Prepared by Appellants

Planning Codes." The Guidelines also require building expansions to "minimize impacts on privacy." (Id., p. 15, 17; Planning Code § 101(c).) Similarly, the Planning Department has recognized that decks may "have an unusual impact on privacy to neighboring interior living spaces," and modifications may be "appropriate depending on the circumstances of a particular project." (*Id.*, p. 17.)

The Project does not comply with these principles because the deck facing the Appellants' Properties will have an unusual impact on their privacy. (Declaration of Michael Garavaglia, AIA; Declaration of Keiko Tsuyuki.) In particular, users of the deck will be able to look directly into the Appellants' primary living areas, as shown in the above diagram. The deck will only be 9-10 feet away from Appellants' second story windows. The deck would also allow people to peer into



Figure 2: Diagram Prepared by Appellants

San Francisco Residential Design Guidelines (December 2003), p. 38.

501 Montgomery Street, Suite 400 SAN FRANCISCO, CALIFORNIA 94111 Appellants' first floor bedrooms. Moreover, at 230 square feet, the deck can be used for large parties and social gatherings, exacerbating its noise and privacy impacts.

Along Oak Park Drive, there are no decks on the second level that are as deep as Permit Holders' proposed deck. For example, 369 Oak Park Drive has a deck on the second level, but the deck is only five-feet-deep because the owner limited the size of the deck to minimize its impacts on the privacy of Appellant Tsuyuki. Permit Holders were unwilling to follow the neighborhood pattern to address these unreasonable privacy impacts, and dismissed Appellants' concerns.



Figure 3: Diagram Prepared by Appellants

b. The Permit was Issued in Error Because the Deck is more than 10 feet above the Natural Grade

The Permit was approved on the basis that the proposed deck is "less than 10' in height." (Planning Department Permit Tracking Notes, avail. at https://dbiweb02.sfgov.org/dbipts/

default.aspx?page=permit&PermitNumber=202110140495.) This is erroneous. The plans incorrectly measured from the artificially raised grade and not the natural grade." "10 feet above grade" must mean natural grade, not artificially raised fill dirt added by the Permit Holders' predecessors with a retaining wall. Otherwise, Owners could build as tall as they like, so long as they pile dirt up around the building before measuring.

This code provision cannot allow a project sponsor to build a retaining wall and add 10 feet of fill dirt, then one week later propose a project based on the additional height; likewise if a month or a year or 20 years passed. The passage of time or sale of the property cannot give an Owner the right to measure from artificially raised grade. Grade cannot simply mean existing on



Figure 4: Photo Taken by Appellants

the date of the permit application; it must mean natural grade. Otherwise, adjacent neighbors would be wrongfully disadvantaged.

c. Appellants Met with Permit Holders to Discuss a Compromise Deck, but those Talks were Unsuccessful

Prior to submitting this appeal, Appellants met several times with Permit Holders to voice their objections to the proposed deck and discuss a shallower 5-foot-deep deck that would alleviate the privacy impacts. However, Permit Holders were unwilling to agree to a smaller deck. 369 Oak Park Drive has a second-floor deck with a five-foot depth and creates minimal privacy impacts on Appellant Tsuyuki while still providing ample space. Permit Holders could have a similar deck that would still allow them ample outdoor space while minimizing the privacy impacts on Appellants.



Figure 5: Photo Taken by Appellants

601 MONTGOMERY STREET, SUITE 400 SAN FRANCISCO, CALIFORNIA 94111

IV. CONCLUSION

The Appellants respectfully request that the permit be revoked or modified to reduce the size of the deck. In particular, the Appellants seek that the deck be reduced to a depth of five feet and pulled at least five feet from the side property line to preserve privacy for the Appellants' Properties.

November 24, 2021

Respectfully submitted,

ZACKS, FREEDMAN & PATTERSON, PC

Ryan J. Patterson

Attorneys for Appellants

1 2	RYAN J. PATTERSON (SBN 277971) LAURA F. STRAZZO (SBN 312593) ZACKS, FREEDMAN & PATTERSON, PC 601 Montgomery Street, Suite 400	
3	601 Montgomery Street, Suite 400 San Francisco, CA 94111 Tel: (415) 956-8100	
4	Fax: (415) 288-9755	
5	Attorneys for Appellants, Vladimir Yafasov and Keiko (Kay) Tsuyuki	
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7	SAN EDANCISCO D	OADD OF ADDEALS
8	SAN FRANCISCO D	OARD OF APPEALS
9	VLADIMIR YAFASOV and KEIKO (KAY)	Appeal No.: 21-101
10	TSUYUKI,	DECLARATION OF KEIKO TSUYUKI
11	Appellants.	IN SUPPORT OF APPELLANTS' BRIEF
12	VS.	
13	CITY AND COUNTY OF SAN FRANCISCO	BPA No.: 202110140495
14	and SAN FRANCISCO DEPARTMENT OF BUILDING INSPECTION,	Subject Address: 355 Oak Park Drive Hearing Date: December 15, 2021
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I, Keiko Tsuyuki, declare as follows:

- I am the owner of 361 Oak Park Drive, which is directly adjacent to 355 Oak Park Drive to the west. Unless otherwise stated, I have personal knowledge of the facts stated herein and, if called as a witness, could and would testify competently thereto.
- Attached hereto as **Exhibit 1** are true and correct copies of photos I took from my property and 369 Oak Park Drive in November 2021. I added the labels to these photos to describe how the proposed deck would impact Appellants' privacy.
- Attached hereto as Exhibit 2 are true and correct copies of photos I took from my property in November 2021. I added the image of the deck using computer software with approximate dimensions of Permit Holders' proposed deck and added the labels to these photos to describe how the proposed deck would impact Appellants' privacy.
- 4. Attached hereto as **Exhibit 3** is a true and correct copy of a site plan for the property. This site plan was designed by a friend and based on measurements I provided.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that this was executed on November 24, 2021.

Keiko Tsuyuki

FAX SIGNATURE

601 MONTGOMERY STREET, SUITE 400 SAN FRANCISCO, CALIFORNIA 94111

EXHIBIT 1

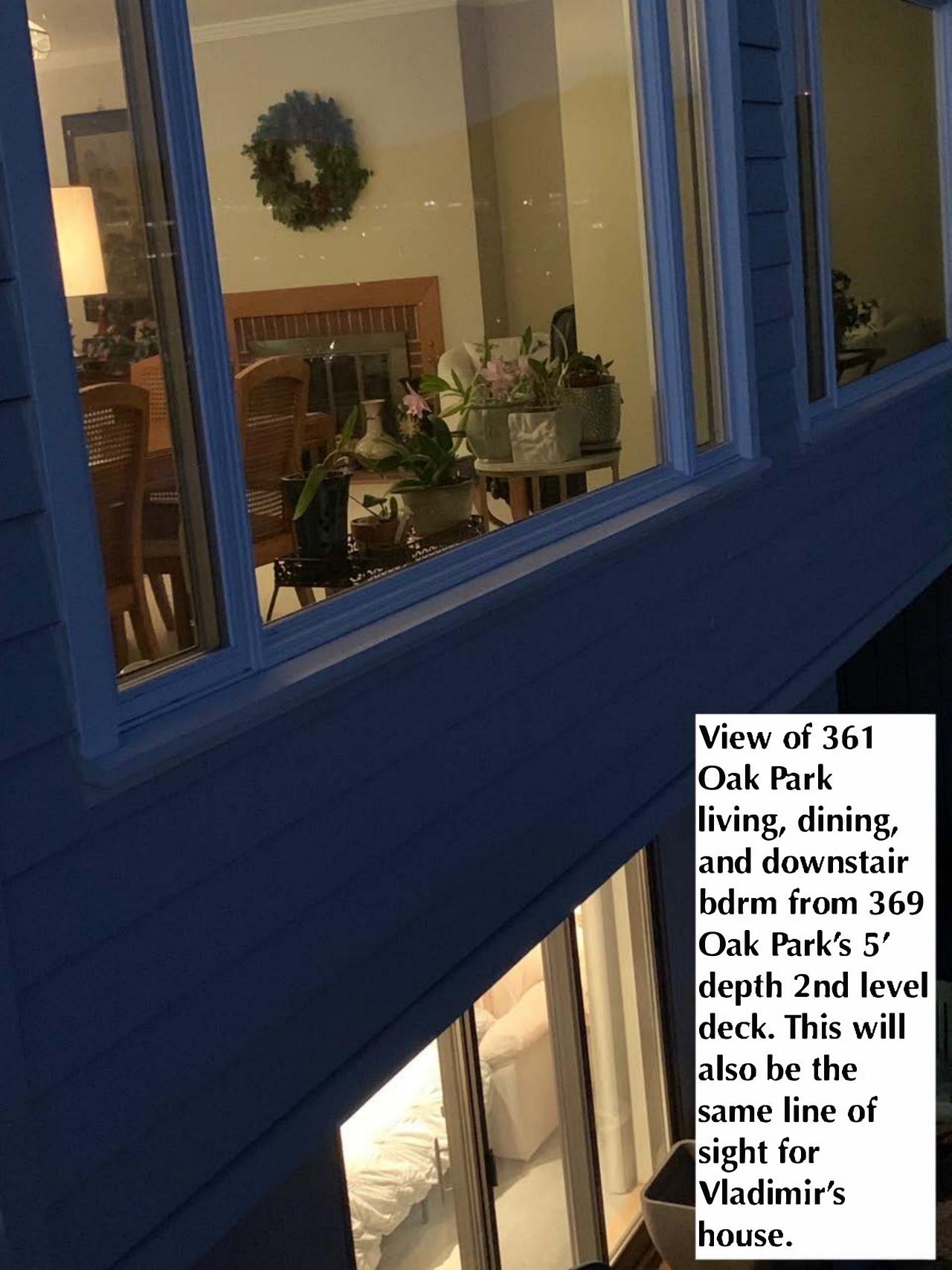


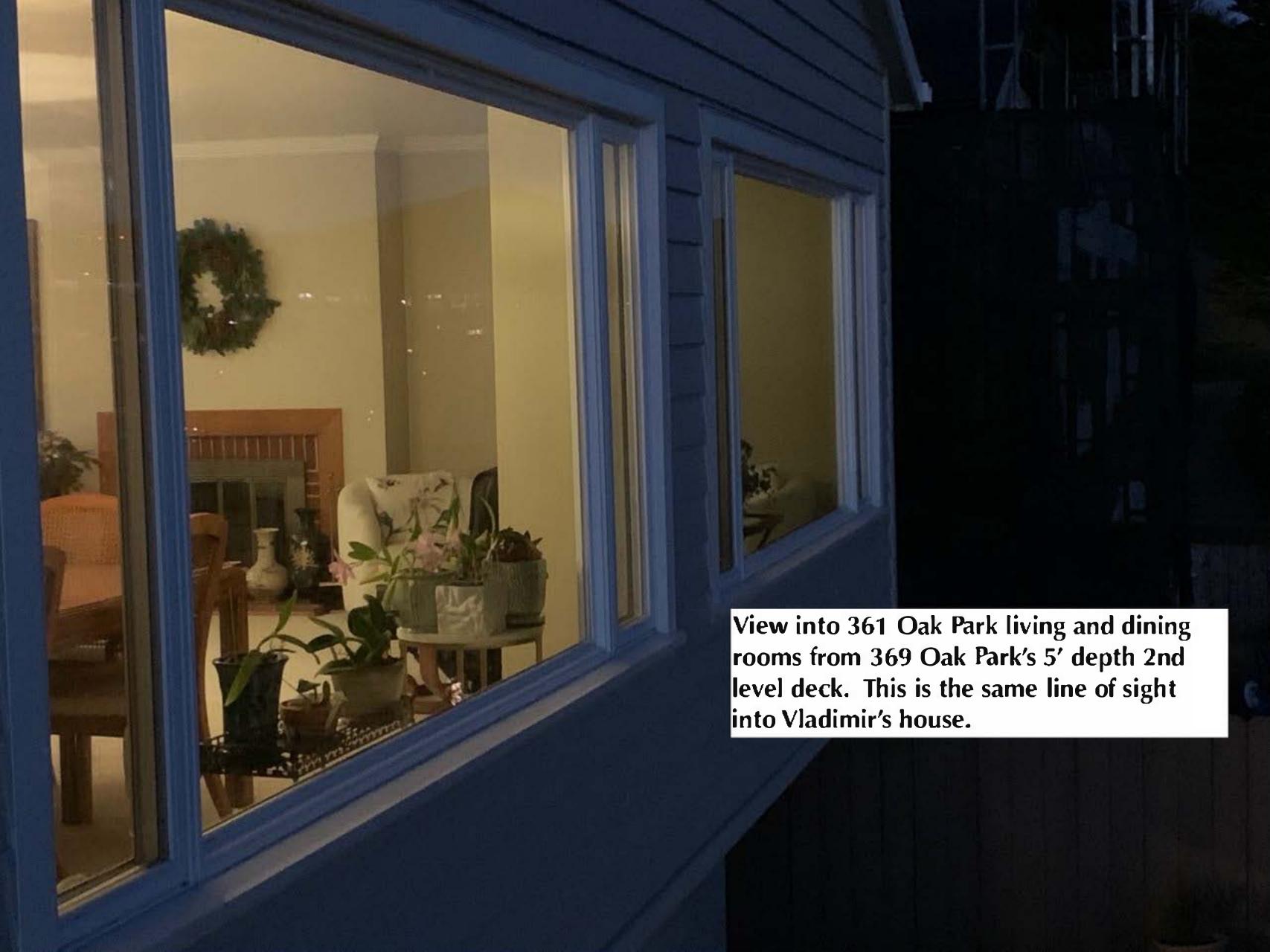












601 MONTGOMERY STREET, SUITE 400 SAN FRANCISCO, CALIFORNIA 94111

EXHIBIT 2

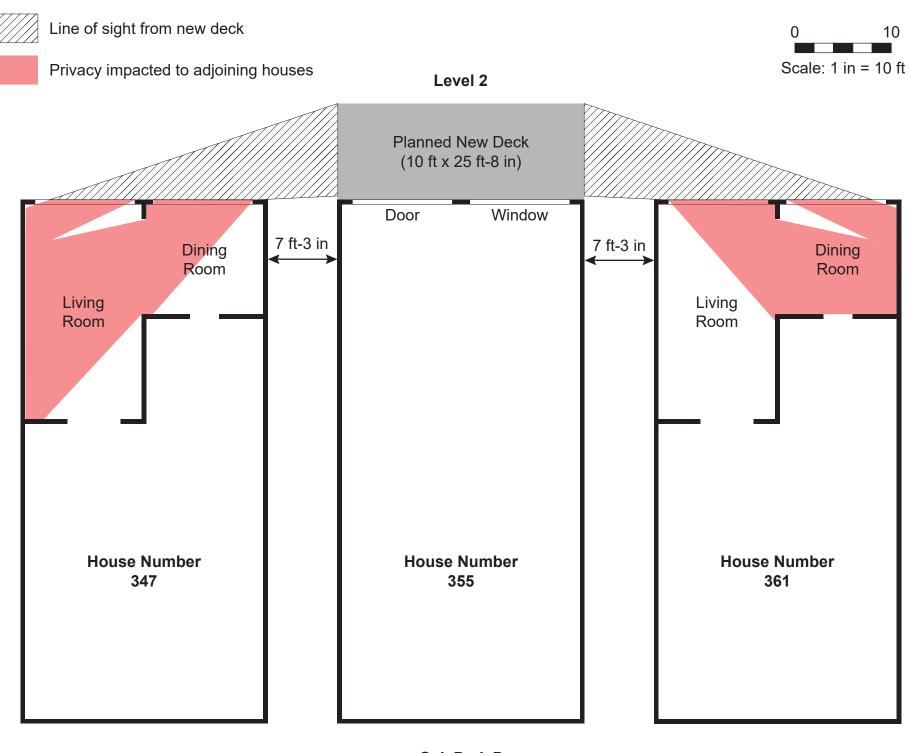






601 MONTGOMERY STREET, SUITE 400 SAN FRANCISCO, CALIFORNIA 94111

EXHIBIT 3



Oak Park Dr

ZACKS, FREEDMAN & PATTERSON, PC 601 MONTGOMERY STREET, SUITE 400 SAN FRANCISCO, CALIFORNIA 94111

1 2 3 4 5 6	RYAN J. PATTERSON (SBN 277971) LAURA F. STRAZZO (SBN 312593) ZACKS, FREEDMAN & PATTERSON, PC 601 Montgomery Street, Suite 400 San Francisco, CA 94111 Tel: (415) 956-8100 Fax: (415) 288-9755 Attorneys for Appellants, Vladimir Yafasov and Keiko (Kay) Tsuyuki	
7 8	SAN FRANCISCO B	SOARD OF APPEALS
9	VLADIMIR YAFASOV and KEIKO (KAY)	Appeal No.: 21-101
10	TSUYUKI	DECLARATION OF MICHAEL
11	Appellant, vs.	GARAVAGLIA IN SUPPORT OF APPELLANTS' BRIEF
13	CITY AND COUNTY OF SAN FRANCISCO	
14	and SAN FRANCISCO DEPARTMENT OF BUILDING INSPECTION,	BPA No.: 202110140495 Subject Address: 355 Oak Park Drive
15	·	Hearing Date: December 15, 2021
16	Respondents.	
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I, Michael Garavaglia, declare as follows:

- I am the principal of Garavaglia Architecture, Inc. Unless otherwise stated, I have personal knowledge of the facts stated herein and, if called as a witness, could and would testify competently thereto.
 - I am a preservation architect, licensed to practice in the State of California. 2.
- 3. I have been asked by the owners of the two directly adjacent properties of the project (361 and 347 Oak Park Drive), to provide analysis and recommendations regarding the impacts created by the proposed deck addition.
- 4. Attached hereto as **Exhibit A** is a true and correct copy of my report regarding 355 Oak Park Drive, and the contents of the report are true and correct.
- 5. I also reviewed the site plan (attached as page three to Exhibit A) and determined that it accurately depicts the privacy impacts from the proposed deck at 355 Oak Park Drive.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that this was executed on November 24, 2021.

Michael Garavaglia

FAX SIGNATURE

EXHIBIT A

ZACKS, FREEDMAN & PATTERSON, PC



582 MARKET ST. SUITE 1800 SAN FRANCISCO, CA 94104

T: 415.391.9633 F: 415.391.9647

www.garavaglia.com

24 November 2021

Mr. Darryl Honda President, San Francisco Board of Appeals 49 South Van Ness, Suite 1475 (14th Floor) San Francisco, CA 94103

RE: Appeal No. 21-101

Exhibit "A"

Dear President Honda,

This appeal is for the project located at 355 Oak Park Drive - specifically for the proposed rear yard deck. Garavaglia Architecture, Inc. has been asked by the owners of the two directly adjacent properties of the project (361 and 347 Oak Park Drive), to provide analysis and recommendations regarding the impacts created by the proposed deck addition.

Rear walls of the homes on Oak Park Drive are all aligned and the homes are on the same level. This creates a condition that all property owners will create privacy issues with deck additions that are not carefully designed. Rear deck additions on Oak Park Drive are generally not present - when they do occur they are very shallow. (See the photo on page 2). The proposed deck maximizes the deck area while avoiding neighborhood notification and Section 311 review. To avoid the notification process decks must not be more than 10' above grade and cannot require firewalls due to their location near property lines. We were not able to gain access to the permit documents as they were with the DBI Records vendor for digitizing. We were not able to assess how the sides of the deck were located as they relate to the property line and what, if any, fire rating of the walls was required by the building plan review.

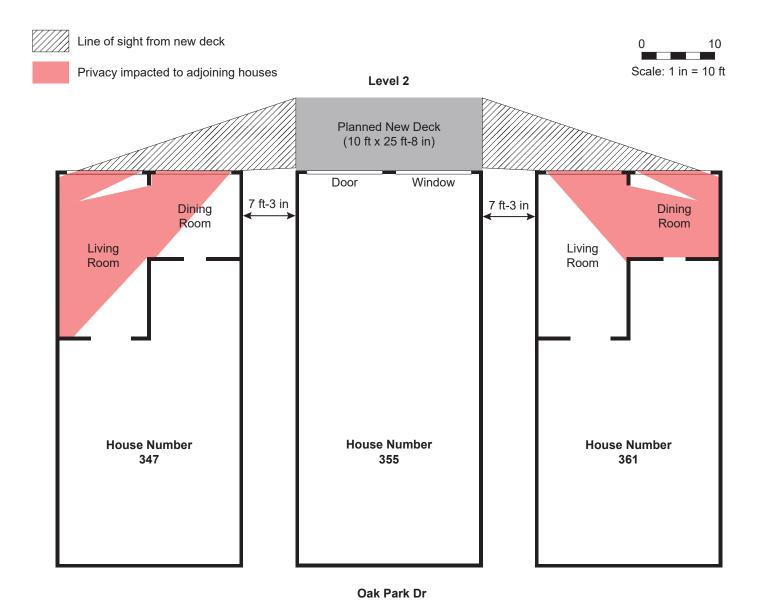
The proposed deck construction for the project creates impacts to the adjacent neighbor's privacy. Anyone standing on the proposed deck will easily be able to look into the adjacent homes' interior spaces facing onto the rear yards. The attached plan on page 3 shows the view angle from the deck and how easy it is to see into the interior private spaces of the neighbors.

We recommend that the deck be pulled at least 5 feet back from the side property lines, and that the deck be no deeper than 5 feet to improve privacy for both neighbors. Under no circumstance should the project design require any firewall requirement at the sides of the deck or the project must go through a formal neighborhood notification.

Sincerely,

Michael Garavaglia, A.I.A., LEED AP BD+C President, Garavaglia Architecture, Inc. C14833

355 Oak Park Drive Appeal No. 21-101 24 November 2021



Page 3 of 3

BRIEF SUBMITTED BY THE PERMIT HOLDER(S)

Matt Bailey & Cindy Chen 355 Oak Park Drive San Francisco, CA 94131

Darryl Honda, President San Francisco Board of Appeals 49 South Van Ness, Suite 1475 San Francisco, CA 94103

Dear President Honda and Members of the Board:

We are Matt Bailey and Cindy Chen, the owners of 355 Oak Park Drive. We have been married a little over 3 years and we have a one-year-old daughter. Shortly after we married, we purchased our home together in April 2019. The two-bedroom house in Forest Knolls was in mostly original condition since it was first constructed in 1959, and so we decided to renovate the interior before moving in to conform to modern living standards.

Matt is an experienced, licensed general contractor in the City and submitted permit application #201912270803 to remodel the main level kitchen and bathrooms in December 2019. Due to COVID closures, that permit was not issued until June 2020. Following the birth of our daughter during the pandemic, we decided to also remodel the downstairs to add a master suite and install a deck off the main level living area in order to accommodate our growing family. The permit before the Board #202110140495 is for that work, and was applied for on October 14 and issued on October 22, 2021. This appeal has caused a great deal of hardship on our young family, as we are presently living in an apartment in the inner Richmond neighborhood and are concurrently paying rent and a mortgage until the renovation of our home is completed.

The Proposed Deck Size is Modest and Similar to Those in the Neighborhood

The appellants' primary claim is that "the deck would create significant privacy

impacts." The San Francisco Residential Design Guidelines, which appellants reference, allow for modifications in situations which may impact privacy, but recommends incorporating landscaping, privacy screens and other measures to abate those alleged privacy concerns. [See, San Francisco Residential Design Guidelines (December 2003), p. 17.] The RDG's do not call for reducing the footprint of a deck. What the appellants reference in their brief regarding reducing "with the smallest possible overall dimensions" is specifically referencing rooftop features, not decks. [See, San Francisco Residential Design Guidelines (December 2003), p. 38.] Our deck is entirely within the buildable area of our large lot, which is more than 140-feet deep. The size of our deck extends only 10-feet out from the rear of our existing structure off the main living area. That does not make this deck any larger than many decks in the neighborhood, or even on our street on Oak Park Drive. Below are photos of various large decks in our neighborhood:





(Photos taken by Cindy Chen, November 2021; there are many large decks built deeper than 10feet deep in the Forest Knolls neighborhood; the ones pictured above are on Christopher Drive
and Crestmont Drive respectively, both neighboring streets of Oak Park Drive)

The Planning Code actually allows for much more than what we plan to construct at the rear of our property. Specifically, Section 136(c)(25) provides that a deck may be placed in the required rear yard to a depth of 12-feet. Our proposal is only 10-feet and importantly, NOT in the required rear yard—it is within the buildable area of the lot. Therefore, this deck is absolutely 100% code compliant. *[Exhibit A - architectural designer Joshua Yoches planning code compliance]* In fact, under the Planning Code, due to the RH-1(D) zoning, we could potentially extend the structure itself (not just a deck) some 30-feet deeper into the rear yard and THEN add a deck to the building extension. Numerous decks larger than our planned deck have been permitted in the Forest Knolls neighborhood at a much greater depth than what we propose:





(Photos taken by Matt Bailey, November 2021; there are six 2nd story decks lined house after

house, measuring 12-feet deep located on Warren Drive, which is directly below Oak Park Drive)

There is a deck just down the street at 229 Oak Park Drive, which measures 14-feet deep: [Exhibit B - neighbor and owner of 229 Oak Park Drive Michael Boyle letter of support]





(Photos taken and provided by neighbor Michael Boyle of 229 Oak Park Drive)

Just a few houses away from us is 279 Oak Park Drive, with a deck clearly built much further out than 10-feet. All of these neighboring decks were permitted and passed inspections.



(Photo taken by Cindy Chen, November 2021 of a large deck at 279 Oak Park Drive)

Accordingly, the appellants' claim that "there are no decks on the second level that are as deep" is patently false. As seen from the numerous examples provided, our deck does NOT exceed the depth and size of all other decks within our own street as the appellants claim. The one example provided by the appellants at 369 Oak Park is just one example but does not represent an accurate depiction of the various decks on Oak Park Drive, as well as numerous other much larger decks in the neighborhood.

The appellants' use of words in their brief such as "unusually deep" or "large deck" does not make it so; these words do not accurately describe a 10-foot deck. The size of our deck is perfectly reasonable. The reason we chose this size was to fit a table and chairs so that our small family may enjoy meals outside when the weather permits. In fact, the size we chose was just small enough to fit this purpose. [Exhibit C – interior designer Susan Burks deck size analysis]

By mentioning that this smaller than average deck could host "large parties and social gatherings," the appellants would like the Board to believe that this neighborhood attracts partygoers and that the residents in this home would host such gatherings. Nothing could be further from the truth. We are both in our 40's with a new baby and busy careers. In fact, the demographics of Forest Knolls reflect exactly who we are, and the type of residents who live here. [Exhibit D – realtor Cynthia Cummins neighborhood demographics]

Forest Knolls is a neighborhood that is strongly family oriented and ideal to raise children in. With an elementary school and park within walking distance and children playing in the streets, it is a neighborhood that feels suburban in the City. Neighbors are open and receptive with each other, even sharing parts of their property with others to bring closeness and a sense of community in the second most densely populated city in the country. Forest Knolls is also known as a popular hiking spot, inviting the public to climb the green stairs that dot the neighborhood created from Mount Sutro Forest. As its name implies, the neighborhood is surrounded by nature and forest. [Exhibit E – photos along Oak Park Drive]

The Forest Knolls neighborhood organization supports our deck proposal and other remodels to improve the neighborhood and make these dated homes suitable for modern living.

[Exhibit F - President of the Forest Knolls neighborhood organization Kristine Zaback statement and letter of support]

The Appellants' Privacy Claims are Unfounded and Made to Protect Views

Appellants' brief provides photos and renderings of how the deck would allegedly impact privacy. We can discern from those photos that some side views may be impacted, thus we believe that this appeal actually has little to do with alleged privacy concerns and more about views. Additionally, the photos clearly show that views will not be unreasonably impacted. Regardless, the San Francisco Residential Design Guidelines declares that: "The General Plan, Planning Code and these Guidelines do not provide for protecting views from private property." [See, San Francisco Residential Design Guidelines (December 2003), p. 18.]

Appellants would also like the Board to believe that the homes are locked in next to each other and therefore a deck would impose significant privacy issues. The truth is that the numbers cited in the appeal are misleading and do not depict the situation accurately. The homes on Oak Park Drive are all completely detached, with side yards separated by more than 7-feet distance from one residence to another. (Google Earth image taken of 355 Oak Park Drive):



Having such substantial distance between buildings is atypical in San Francisco as a whole, with many neighborhoods having very little clearance and space between buildings. The homes in Forest Knolls in contrast have large side yards and plenty of room between buildings, which reduce any potential privacy impacts that may result from new additions, including the new deck we propose. The design is modest and reasonable and well within the character of the neighborhood, and at a scale that is mirrored in the homes around us.

As noted by the appellants, the closest point from our proposed deck to the outside edge of the appellants' closest window is 9-10 feet. Privacy from lower floor bedrooms will not be impacted at all, and the impacts to privacy to the main living areas of the adjacent homes will be minimal as shown in the photos below.





(photos taken by Matt Bailey, December 2021 on deck level scaffolding from 355 Oak Park Drive showing closest viewing angles from proposed deck to both appellants' windows)

Although there will be some visual impacts from the proposed deck, the orientation of the deck to neighboring homes are at a very sharp angle. From that angle, the only view that may be seen is the side of the appellants' windows, with an addition of a strong glare and reflection from those windows, which face west and south.

Appellants also claim that standing at the furthest point of the deck would provide an even wider viewing angle. However, from that angle with a distance of more than 14 feet, that much distance would give even less detail and clarity. Appellants' claim that privacy is a major concern when there is a considerable distance between the homes is not credible. Appellants' alleged "compromise" of reducing the deck size by more than half would force the subjects on the deck closer to the appellants' windows, not further away as preferred for alleged privacy concerns. Moreover, as the views are directly south of all the residences on our street, anyone standing on the deck would be looking out into the distance towards the views rather than looking back into any neighbors' homes.

The Proposed Deck is in Fact Less than 10 feet Above Grade

We disagree with the appellants' claim that "the permit was issued in error because the deck is more than 10 feet above the natural grade." Appellants do not cite anything other than their own opinion and assumptions about how the height of the deck from grade should be measured. Planning Code Section 102.12 specifically "requires heights to be measured from existing grade." This is confirmed elsewhere in the Planning Code at Section 260(a)(1)(c) which states that the starting point for measuring the height of a building is "The ground elevations used shall be either existing elevations or the elevations resulting from new grading operations encompassing an entire block." When the subdivision was originally built, the entire block was graded.

Since the grade around these structures was established when the subdivision was constructed in the 1950's, there is no way to determine what the original grade(s) may have been. As shown in the historical photo below, grading and retaining walls were put in place throughout the neighborhood to hold back the dirt and to support the structures and streets.



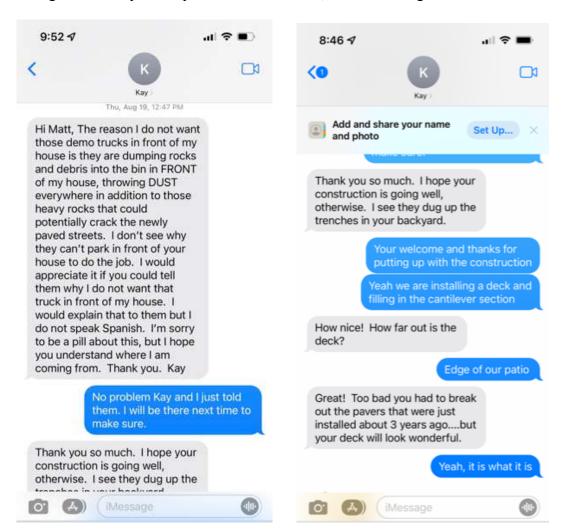
(Photo of the extensive grading and shoring undertaken for a new development to become the Midtown Terrace / Forest Knolls neighborhoods taken on April 13, 1953.

Credit San Francisco History Center, San Francisco Public Library)

To infer that a retaining wall is used to allow property owners to fill in dirt in order to escape a neighborhood review is ludicrous. We are not changing the grade at any portion of the property, and there is no evidence that the retaining wall placed by predecessors raised the grade. Without any measurements or any evidence, appellants' assertion that the height of the deck exceeds 10-feet above a natural grade is unsupported and nonsense. The deck's height measurement from the existing grade was done properly and has been determined at under 9 feet above grade as reflected in the approved plans. [Exhibit G – photo of height measurement]

Appellant was Informed About the Deck and Approved of it

Appellant was informed twice of the plan to install a deck months ahead and before the permit application was submitted. After the first verbal notification through Cindy, another discussion via text about the depth of the deck was brought up, in which Matt clearly informed appellant that the deck would extend to the "edge of the patio." In response Appellant stated that she thought the deck was a "great" idea and did not express any objections to the proposal. We thought we did the right thing and were careful to fully inform the appellant of our plans before submitting the permit application. Below is the text exchange with Appellant expressly informing her not only of the plan to build the deck, but also telling her how far it would extend.



(Screenshot of texts exchanged between Matt Bailey and Appellant regarding the deck plans)

Appellant now states that she was under the impression that the deck was to be built on the ground floor. We cannot understand where the miscommunication occurred. She asked how far out the new deck would be built and was clearly informed that it would be going as far out as the patio. If we had been discussing the existing patio, we would have simply told her that we were replacing the existing patio and not "installing a deck."

Appellants Were Unwilling to Consider Anything Other than a Small Balcony

The appellants' claim that we were the ones "unwilling to compromise" is not true.

Appellant stated on several occasions that she made her other adjacent neighbor at 369 Oak Park

Drive comply with her demands to shorten the depth of their deck to 5-feet and reduce it down to
a balcony. She stated this to inform us of what she expected for our deck. However, she has
complained on at least three separate occasions to us about how she still deeply resents the
neighbor's scaled-down deck. The fact is that the appellant would be dissatisfied with any size
deck we build. Appellants repeatedly presented us with only two unrelenting options- to either
scale back our deck to half its size at 5-feet, or to not build one at all. The latter of which she
repeatedly stated was her first preference. She made that ultimatum clear on each and every
occasion we met with her to discuss the issue; all other suggestions were strongly dismissed.

We initiated every meeting with the appellants and were more than willing to discuss the matter and figure out a compromise but were repeatedly met with unsuitable options. [Exhibit H - screenshots of texts between Matt Bailey and appellants] The reason we are before the Board is because after several attempts of trying to reason with an uncompromising, inflexible individual, we realized that it was impossible to come to an amenable solution for all parties.

Conclusion

The purpose of moving to Forest Knolls is to raise our family here. We intend to be in our home for the long haul. Despite this unfortunate situation with our adjacent neighbors, in this process we have met scores of other neighbors who have expressed their support of us and our reasonably sized deck. [Exhibit I – Forest Knolls neighborhood petition in support of Matt Bailey and Cindy Chen's Deck Permit #202110140495]

In fact, there are many more neighbors in Forest Knolls who have shown us kindness, support, and a sense of community. The Forest Knolls neighborhood organization also agrees with our deck plans and supports the renovation efforts at our home and elsewhere in the neighborhood. We very much look forward to enjoying family meals on the deck, and a depth of 10-feet would enable us to have a table and chairs to do so. If the appellants are open to compromise, we would be willing to consider incorporating landscaping or other privacy screens to assuage their alleged privacy concerns. Planting tall trees to both sides of our property lines would also help blend into the natural forest environment of the neighborhood.

In summary, the appellants have submitted misleading information to try to sway the Board's decision, but we have performed adequate research to present what the situation actually looks like. We have shown that our proposal is code-compliant and does not present any unreasonable impacts. We have also garnered community support to show that our deck is of a reasonable size and that the appellants' claims lack validity and truth. We respectfully ask the Board to affirm our permit approval and remove this suspension so that we may proceed with our building plans and finally move into our home.

Sincerely,

Matt Bailey & Cindy Chen

EXHIBIT A

J D Y D S JDY DESIGN STUDIO

> 655 14TH AVENUE SAN FRANCISCO, CA 94118

To: Mr. Darryl Honda

President, San Francisco Board of Appeals

49 South Van Ness, Suite 1475 (14th Floor)

San Francisco, CA 94103

RE: Appeal No. 21-101

Permit Application Number: 202110140495

December 1, 2021

Dear President Honda,

Thank you for taking the time to read our letter of support for the project at 355 Oak Park Drive. My name is Joshua Yoches and I am the Principal at JDY Design Studio. We were hired by the property owners to design and develop the permit documents for their deck.

I attest to the thorough process the project went through in its development. Please consider the many ways the project has gone above and beyond to satisfy all relevant Planning and Building codes, integrate the guidelines and design principles set forth in the Residential Design Guidelines, mitigate impacts on the neighbor's privacy, and keep the deck size in scale with the various decks in the surrounding neighborhood.

The project proposes a 10-foot depth deck. All proposed work is well within the allowable building area of the lot. The project does not propose any work within the required rear yard setback. In no way does the project maximize its potential footprint, but rather the deck is set back from the required rear yard setback by 9 feet.

Appellants' architect appears to be applying Planning Code section 136(c)(25) to this project.

Section 136(c)(25) applies to obstructions within the required rear yard setback, which this project does not propose. The client's proposed deck is supported by posts, less than 10 feet above grade, and within the "buildable area" of their lot. Furthermore, appellant's Architect has suggested applying 5-foot setbacks, similar to [figure 2] on page 2 of this letter. This is an incorrect translation of the project, as the proposed deck will be located directly above ground level and not above 2-stories. If Planning Section 136(c)(25) is applied to the client's proposed deck, [figure 1] illustrates a code compliant project like the client's deck. The only difference being the example used in [figure 1], shows a 12' foot maximum extension into the required rear yard, whereas the client's project is only proposing a 10' depth into the allowable building area of their lot.

JDYDESIGN STUDIO

EXHIBIT A

655 14TH AVENUE SAN FRANCISCO, CA 94118

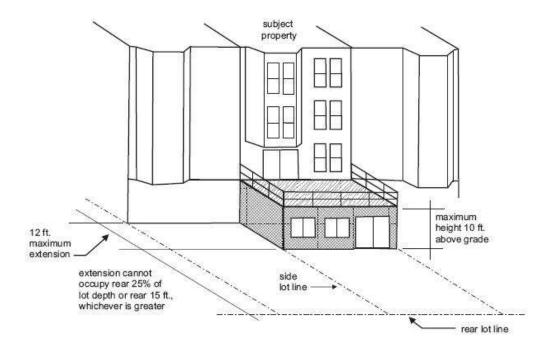


FIGURE 1.

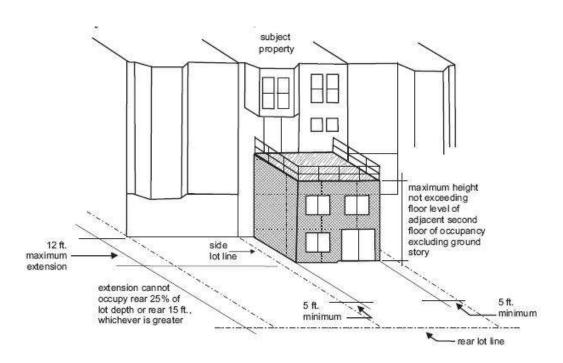


FIGURE 2.

EXHIBIT A



The project proposes a very modestly sized deck that is much less than it could potentially be. Consider the small 10-foot deck in comparison with a potentially much larger, maximized deck of +/- 480 sq. ft.

We recommend no additional changes to the project. We ask you to dismiss this appeal and allow the project to proceed with no further delays. Thank you.

Yours truly,

Joshua Yoches

Principal, JDY Design Studio



JDY Design Studio

JDYDesign.Studio

655 14th Avenue, SF, CA

josh@jdydesign.studio

831-239-0990

EXHIBIT B

12/5/2021

Darryl Honda, President
San Francisco Board of Appeals
49 South Van Ness, Suite 1475
San Francisco, CA 94103

To the Board of Appeals,

Hi, my name is Michael Boyle and I have been the owner of 229 Oak Park Drive since 2010. My home is on the same block as the parties involved in this appeal. I have been asked by Matt Bailey and Cindy Chen to provide my opinion and insight as a neighbor who is the owner of a deck measuring 14-feet in depth.

I built my second floor deck in 2016 with an over-the-counter (OTC) permit and all required inspections were passed and signed off. As part of building my deck, I installed a retaining wall to fulfill engineering requirements to protect the structural integrity of the deck and property. I've inserted a couple pictures below of my deck.

My family and I enjoy our deck very much and go outside to relax, grill and have meals. The use of our deck has not been to host loud parties or large social gatherings. This residential, almost suburban-like neighborhood does not reflect that type of lifestyle.

In my opinion, I don't see any issue with neighbors enhancing their home with main living level decks and feel they're in-line with the feel of the neighborhood allowing a better mix of indoor and outdoor living.

Therefore, I support Matt Bailey and Cindy Chen in their efforts to build a deck that is 10-feet in depth in the rear yard of their property. I believe the size of their deck is more than reasonable and the alleged privacy issue can be easily resolved with curtains or other privacy blocking measures such as landscaping.

If there are any further questions, I would be glad to elaborate and speak out in support of my neighbors Matt and Cindy. Thank you for your attention.

Sincerely,

Michael Boyle

inhand By

EXHIBIT B

229 Oak Park Drive (612) 845-4546

mikeboyle75@gmail.com





EXHIBIT C

INSITE PROJECTS

RE: PROPERTY OWNED BY - CINDY CHEN + MATT BAILEY

Attn: Darryl Honda, President

San Francisco Board of Appeals 49 South Van Ness, Suite 1475 San Francisco, CA 94103

Dear Mr. Honda,

My name is Susan Burks and I have had a design practice in the SF Bay Area and throughout California for over 20 years. I provide consulting and design services to clients who are in the process of remodeling or rebuilding. My expertise includes helping them create spaces within and around their homes that can foster comfort, safety, beauty and efficiency.

I have been asked by Matt Bailey and Cindy Chen to provide my knowledge and analysis of deck space as it specifically pertains to the size of the deck they have been permitted to build on their property. Given that the proposed deck is completely detached from their neighbors and they have a generous setback to build on, I believe that the deck size they have chosen for outdoor dining is on the conservative side.

To make this determination, I consider the table size needed (in this case for a group of at least four) how far the chairs will have to pull out to accommodate people sitting at the table and what space is needed to make sure there is ample room to move around behind the chairs. This is particularly important given that on one side is the deck railing making safety a key issue.

I generally advise clients who want to create a small deck for outdoor dining to plan on a deck that is at least 12' deep. Industry guidelines recommend between 300-400 square feet. In Matt and Cindy's case their proposed deck is considerably smaller.

Matt and Cindy have let me know that there is an appellant to their permit asking them to scale the deck down to five feet in depth and ten feet less in total width. This size is not at all sufficient for outdoor dining and would not only limit them to space for chairs only but would eliminate the possibility of having a barbeque on the deck as well.

INSITE PROJECTS • 38 MILLER AVE, MILL VALLEY CA. 94941 • 415 944 0334

EXHIBIT C

INSITE PROJECTS

I live in the Berkeley Hills in an older mid-century modern home and my deck dining area is 10' deep. I have included photos using a friend as our subject to give you an idea of just how close a normal dining table with a seated diner comes to the edges of that space. As you can see this is the absolute smallest you could build to accommodate a 4-seat dining table, either square or circular, with limited space for walking behind those who are seated.

I hope that my personal example and professional analysis provided here will help explain how reasonable the size of Matt and Cindy's deck is. Please let me know if further clarification may be needed and I would be happy to oblige.

Sincerely,

Susan Burks

InSite Projects

Manle



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EXHIBIT C

INSITE PROJECTS



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EXHIBIT D



Cynthia Cummins
Kindred SF Homes
580 4th Street
San Francisco, CA 94107

December 6, 2021

Darryl Honda, President
San Francisco Board of Appeals
49 South Van Ness, Suite 1475
San Francisco, CA 94103

Dear Board of Appeals,

My name is Cynthia Cummins and I am a licensed Realtor and owner of Kindred SF Homes. I represented the previous, longtime owners of 355 Oak Park Drive and sold the home to Matt Bailey and Cindy Chen in April 2019.

I have been asked by Matt and Cindy to provide my insight and knowledge as a Realtor experienced with selling homes in the Forest Knolls neighborhood. I also have intimate knowledge of the property at 355 Oak Park and have a strong understanding of the demographics of the neighborhood.

Forest Knolls is very different from much of San Francisco (the second most dense metropolitan city in the U.S). In Forest Knolls you'd never know you were in the middle of a city. It has huge lots, with the homes completely detached from each other. It's an ideal "suburban / urban" setting. It feels more like the woods of Marin County than the streets of San Francisco. It's especially attractive to people who wish to raise children, or enjoy a quiet and peaceful, home-centered life away from the commotion of town. It calls to folks who want to "bring the outdoors in." In Forest Knolls, the natural world – trees, sky, the fog rolling in and out – lives alongside its inhabitants.

EXHIBIT D



When this property came to market, it was labeled immediately as a "hot home" on Redfin. A hot home is typically identified after it receives a lot of attention in a short period of time and is likely to sell quickly with multiple offers. (Indeed, we received 8 offers on the property.) That's because of the incredible, breathtaking views of Mount Davidson, the rolling hills and the sky. In fact, Matt and Cindy showed up at every open house to take in the views and to imagine themselves living in this home.

It makes perfect sense that they want to build a deck to enjoy the peaceful, quiet nature right outside the window. As in other desirable neighborhoods in San Francisco, the homes in Forest Knolls that incorporate outdoors with indoors are the most highly prized. The ability to sit outdoors and peacefully sip a cup of morning coffee with ease translates into greatly increased property value. It's also the sort of quiet enjoyment that makes life worth living.

I hope that my insight helps to give an understanding of this neighborhood and what Matt and Cindy's intentions are. If I can be of further service I would be glad to help.

Sincerely,

Cynthia Cummins

Cynthia Cummins

Kindred SF Homes

EXHIBIT E

(All photos taken by Cindy Chen, November and December 2021 of Oak Park Drive; many neighbors on the street above, Christopher Drive, share their family-friendly yard creations with others in the community)



(Child playing in the "Snoopy" backyard of a private home on Christopher Drive open to the public and maintained by the homeowner, who is a former school teacher)

EXHIBIT E



(Hikers climbing the many green stairs that invite the public to explore Forest Knolls)



(Fort built by neighborhood children on private property along Oak Park Drive)

EXHIBIT F

FOREST KNOLLS

Forest Knolls Neighborhood Organization P O Box 31387

San Francisco, CA 94131-0387

www.forestknolls.org

December 6, 2021

To: Board of Appeals

From: Forest Knolls Neighborhood Organization

Subject: Appeal No. 21-101: 355 Oak Park Drive

The Forest Knolls Neighborhood Organization is the neighborhood association which represents the interests of the homeowners and residents of the Forest Knolls neighborhood. We have been in existence ever since the neighborhood was developed by Standard Builders in the early 1960's. Our motto is: serving and improving the FOREST KNOLLS neighborhood for the future. We focus our efforts on a number of issues, among them emergency preparedness, recreation and parks, schools, traffic/parking, zoning/land use, public safety, and Neighborhood Watch. When appropriate from time to time we express our concerns with appropriate city officials, including the Mayor, the Board of Supervisors, and the various boards and commissions in the City and County of San Francisco.

The Forest Knolls Neighborhood Organization is a member of the Coalition of San Francisco Neighborhoods as well as the West of Twin Peaks Central Council.

We fight for neighborhood services, and most recently fought to regain bus service of the MUNI 36 Teresita route through Forest Knolls, something that was discontinued for eighteen months during the height of the pandemic.

We have for many years received and reviewed all City Planning permit applications sought for both new construction and remodeling work to be done here in Forest Knolls, as well as in the surrounding areas.

We have always encouraged owners and residents to improve these homes, all of which are very similar in design and construction, and are all now approximately 60 years old.

Over the years many of these homes have been extensively remodeled, and many reconfigured to meet the changing needs of families in the twenty-first century. We see kitchen remodels, bathroom remodels, reconfigured floor plans, new downstairs ground level construction of bedrooms, master bedroom suites, family rooms, rear decks on both main and lower levels, and even lately new downstairs second living units permitted by recent changes in zoning and planning codes.

To date we cannot recall ever opposing a permit sought to remodel or reconstruct a home in Forest Knolls.

Which bring us to the Appeal No. 21-101 referenced above.

The Forest Knolls Neighborhood Organization supports the issuance of the permit and denial of the appeal.

EXHIBIT F

FOREST KNOLLS

Forest Knolls Neighborhood Organization P O Box 31387

San Francisco, CA 94131-0387

www.forestknolls.org

As these sixty year old homes have changed hands and young families have moved into the neighborhood, they come with the excitement that only a new generation can provide. We now have lots of school age children, as well as an explosion of new babies and infants appearing in the arms of parents on most every block. They all seek maximum function and utility to these structures.

Many of these families have made substantial changes to the floor plans of their Forest Knolls homes, and often chosen to add rear decks to their houses – both on the upper main living floor as well as some on the ground floor below behind the garage. We have always supported both deck options, and in fact encourage the addition of rear decks to these homes for optimal enjoyment of the living spaces at the discretion of the owners.

Kristine Zaback

for the Forest Knolls Neighborhood Organization

EXHIBIT G

(Photo taken by Cindy Chen, December 2021 of deck height measurement above grade)

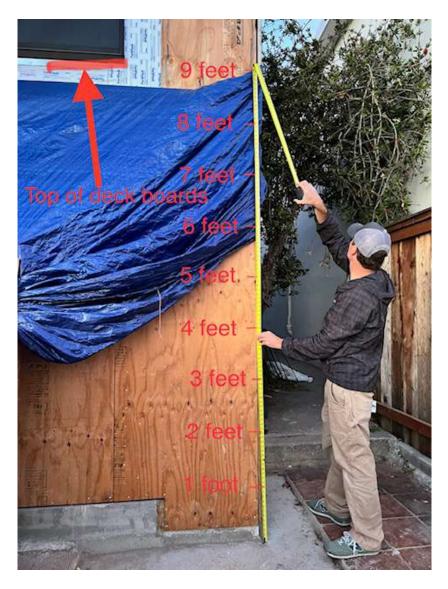


EXHIBIT H

(Screenshots of texts taken from Matt Bailey's cell phone exchanged between Matt Bailey and the appellants trying to set up meetings and to discuss the situation with them; these meetings were all initiated by Matt Bailey)





To the San Francisco Board of Appeals,	Appeal case # 21-101
I am a resident of Forest Knolls and support the issu 2021/1014/0495 to applicants Matt Bailey and Cinc	uance of Alteration Permit No. ly Chen:
Signature Superman Flora B Kupferman Neighbor Name	12/8/21 Date 149 Warren Drive Address
Shoshie Flago Neighbor Name	12/8/21 Date 149 Warren Dr. Address
Signature Adam Flagg Neighbor Name	12/8/21 Date 149 Warren Dr. Address
Signature Glenn Mullin Neighbor Name	12/08/21 Date 157 Warran Ja, SF Address
Signature STEPHEN MALUCCH i Neighbor Name	12/7/21 Date 141 WARREN DR. Address

To the San Francisco Board of Appeals,	Appeal case # 21-101
I am a resident of Forest Knolls and support the iss 2021/1014/0495 to applicants Matt Bailey and Cin	uance of Alteration Permit No. dy Chen:
Juliane frymer Schature Jianne Kichner Neighbor Name	12/7/21 Date 213 Warren Dr Address
Signature Afshun Khan Neighbor Name	Date 165 Warren Dr. Address
Signature Michael H5: ac Neighbor Name	Date 133 Wallow Dr. Address
Signature Lock Neighbor Name	12/4/21 Date 101 Warren Of Address
Signature	Date
Neighbor Name	Address

To the San Francisco Board of Appeals,	Appeal case # 21-101
I am a resident of Forest Knolls and support the iss 2021/1014/0495 to applicants Matt Bailey and Cin	suance of Alteration Permit No. dy Chen:
Signature Silberstein Neighbor Name	12-7-21 Date 26+ Dak Drive Address
Signature Neighbor Name Neighbor Name	12-7-21 Date 2150ak Park Dr. Address
Signature	Date
Neighbor Name	Address
Signature	Date
Neighbor Name	Address
Signature	Date
Neighbor Name	Address

To the San Francisco Board of Appeals,	Appeal case # 21-101
I am a resident of Forest Knolls and support the issua 2021/1014/0495 to applicants Matt Bailey and Cindy	nce of Alteration Permit No. Chen:
Signature	12/7/21 Date 133 Warren Dr. St Address
Signature Alexandra Thuran Neighbor Name	133 Warren Dr. St. Address
Signature	Date
Neighbor Name	Address
Signature	Date
Neighbor Name	Address
Signature	Date
Neighbor Name	Address
Signature	Date
Neighbor Name	Address

Project Designer:

JDY Design Studio 655 14th Avenue San Francisco, CA 94118 831-239-0990

Report Prepared by:

Rick Rocklewitz NRG Compliance, LP PO Box 3777 Santa Rosa, California 95402 707-237-6957



Job Number: 1005202104

Date:

10/6/2021

The EnergyPro computer program has been used to perform the calculations summarized in this compliance report. This program has approval and is authorized by the California Energy Commission for use with both the Residential and Nonresidential 2019 Building Energy Efficiency Standards. This program developed by EnergySoft Software – www.energysoft.com.

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CERTIFICATE OF COMPLIANCE CF1R-PRF-01E (Page 1 of 11) Project Name: Residential Building Calculation Date/Time: 2021-10-06T08:17:57-07:00 Calculation Description: Title 24 Analysis Input File Name: BaileyMattAddition.ribd19x

GENER.	AL INFORMATION				
01	Project Name	Residential Building			
02	Run Title	Title 24 Analysis			
03	Project Location	355 Oak Park Drive			
04	City	San Francisco	05	Standards Version	2019
06	Zip code	94131	07	Software Version	EnergyPro 8.2
08	Climate Zone	3	09	Front Orientation (deg/ Cardinal)	0
10	Building Type	Single family	11	Number of Dwelling Units	1
12	Project Scope	AdditionAlteration	13	Number of Bedrooms	3
14	Addition Cond. Floor Area (ft ²)	241	15	Number of Stories	2
16	Existing Cond. Floor Area (ft ²)	1632	17	Fenestration Average U-factor	0.34
18	Total Cond. Floor Area (ft ²)	1873	19	Glazing Percentage (%)	17.87%
20	ADU Bedroom Count	n/a	21	ADU Conditioned Floor Area	n/a
22	Is Natural Gas Available?	Yes			

COMPLIANCE RE	SULTS
01	Building Complies with Computer Performance
02	Building does not require field testing or HERS verification
03	This building incorporates one or more Special Features shown below

	ENERGY USE SUMMARY										
Energy Use (kTDV/ft²-yr)	Standard Design	Proposed Design	Compliance Margin	Percent Improvement							
Space Heating	72.19	66.43	5.76	8							
Space Cooling	7.6	7.15	0.45	5.9							
IAQ Ventilation	0	0	0								
Water Heating	45.27	45.27	0	0							
Self Utilization/Flexibility Credit	n/a	o	0	n/a							
Compliance Energy Total	125.06	118.85	6.21	5							

Registration Number:	Registration Date/Time:	HERS Provider:
CA Building Energy Efficiency Standards - 2019 Residential Compliance	Report Version: 2019.1.300 Schema Version: rey 20200901	Report Generated: 2021-10-06 08:18:45

CERTIFICATE OF COMPLIANCE CF1R-PRF-01E Project Name: Residential Building Calculation Date/Time: 2021-10-06T08:17:57-07:00 (Page 3 of 11) Input File Name: BaileyMattAddition.ribd19x Calculation Description: Title 24 Analysis

01	02	03	04	05	06	07	80	09	10	11
Name	Zone	Construction	Azimuth	Orientation	Gross Area (ft ²)	Window and Door Area (ft2)	Tilt (deg)	Wall Exceptions	Status	Verified Existing Condition
East Wall	First Floor	R-19 Wall	90	Left	35.7	0	90	none	New	n/a
South Wall	First Floor	R-19 Wall	180	Back	205.4	78.3	90	none	New	n/a
West Wall	First Floor	R-19 Wall	270	Right	108.5	0	90	none	New	n/a
East Wall 2	First Floor (Existing)	Default Wall Prior to 197	90	Left	161.7	6	90	none	Existing	No
West Wall 2	First Floor (Existing)	Default Wall Prior to 197	270	Right	112.6	0	90	none	Existing	No
East Wall 3	Second Floor	Default Wall Prior to 197	90	Left	443.4	25.1	90	none	Existing	No
South Wall 2	Second Floor	Default Wall Prior to 197	180	Back	252	134.5	90	none	Existing	No
West Wall 3	Second Floor	Default Wall Prior to 197	270	Right	443.4	32.5	90	none	Existing	No
North Wall	Second Floor	Default Wall Prior to 197	0	Front	252	47.3	90	none	Existing	No
Interior Surface Wall	First Floor>>Garag e	R-19 Wall1	n/a	n/a	213.1	21	n/a		New	n/a
Interior Surface Wall 2	First Floor (Existing)>>First Floor	Default Wall Prior to 1971	n/a	n/a	5.3	0	n/a		Existing	No
Interior Surface Wall 3	First Floor (Existing)>>First Floor	Default Wall Prior to 1971	n/a	n/a	5.3	0	n/a		Existing	No
Roof (Slope 6.5/12) 2	Second Floor	Default Roof Prior to 197	n/a	n/a	950.1	n/a	n/a		Existing	No
Roof (Slope 12/12)	Second Floor	Default Roof Prior to 197	n/a	n/a	78	n/a	n/a		Existing	No
Raised Floor	Second Floor	Default Floor No	n/a	n/a	20	n/a	n/a		Existing	No

CEDITATION NETIDAL.	negistration bate, finite.	neis Hovida.
A Building Energy Efficiency Standards - 2019 Residential Compliance	Report Version: 2019.1.300	Report Generated: 2021-10-06 08:18:4
	Schema Version: rev 20200901	

CERTIFICATE OF COMPLIANCE Project Name: Residential Building

Calculation Date/Time: 2021-10-06T08:17:57-07:00 Input File Name: BaileyMattAddition.ribd19x

CF1R-PRF-01E (Page 2 of 11)

The following are features that must be installed as condition for meeting the modeled energy performance for this computer analysis.

New ductwork added is less than 40 ft. in length

Calculation Description: Title 24 Analysis

HERS FEATURE SUMMARY The following is a summary of the features that must be field-verified by a certified HERS Rater as a condition for meeting the modeled energy performance for this computer analysis. Additional detail is provided in the building tables below. Registered CF2Rs and CF3Rs are required to be completed in the HERS Registry Building-level Verifications:

Cooling System Verifications: -- None --

REQUIRED SPECIAL FEATURES

Heating System Verifications:

HVAC Distribution System Verifications: -- None --

Domestic Hot Water System Verifications: -- None --

BUILDING - FEATURES INFORMATION											
01	02	03	04	05	06	07					
Project Name	Conditioned Floor Area (ft ²)	Number of Dwelling Units	Number of Bedrooms	Number of Zones	Number of Ventilation Cooling Systems	Number of Water Heating Systems					
Residential Building	1873	1	3	3	0	1					

NE INFORMATION												
01	02	03	04	05	06	07						
Zone Name	Zone Type	HVAC System Name	Zone Floor Area (ft ²)	Avg. Ceiling Height	Water Heating System 1	Water Heating System 2						
First Floor	Conditioned	HVAC System1	241	8	DHW Sys 1	N/A						
First Floor (Existing)	Conditioned	HVAC System1	574	8	DHW Sys 1	N/A						
Second Floor	Conditioned	HVAC System1	1058	9	DHW Sys 1	N/A						

Registration Number:	Registration Date/Time:	HERS Provider:
CA Building Energy Efficiency Standards - 2019 Residential Compliance	Report Version: 2019.1.300 Schema Version: rev 20200901	Report Generated: 2021-10-06 08:18:45

CERTIFICATE OF	COMPLIANCE									CF1R-PRF-01E
Project Name: R	Residential Buildi	ng			Calcul	ation Date/Time	: 2021-10-06T08	3:17:57-07:00		(Page 4 of 11)
Calculation Des	cription: Title 24	Analysis			Input	File Name: Baile	yMattAddition.ri	bd19x		
OPAQUE SURFACE	ES									
01	02	03	04	05	06	07	08	09	10	11
Name	Zone	Construction	Azimuth	Orientation	Gross Area (ft ²)	Window and Door Area (ft2)	Tilt (deg)	Wall Exceptions	Status	Verified Existing Condition
Interior Surface Floor	Second Floor	Default Floor No Crawlspa1	n/a	n/a	482	n/a	n/a		Existing	No

V-	02	0.5	57	"	00	۱ ۰٬		1 03	10	
Name	Zone	Construction	Azimuth	Orientation	Gross Area (ft ²)	Window and Door Area (ft2)	Tilt (deg)	Wall Exceptions	Status	Verified Existing Condition
Interior Surface Floor	Second Floor	Default Floor No Crawlspa1	n/a	n/a	482	n/a	n/a		Existing	No
Interior Surface Floor 2	Second Floor	Default Floor No Crawlspa1	п/а	n/a	574	n/a	n/a		Existing	No
Interior Surface Floor 3	Second Floor	Default Floor No Crawlspa1	n/a	n/a	174	n/a	n/a		Existing	No
East Wall 4	Garage	R-0 Wall	90	Left	170.6	0	90	none	Existing	No
West Wall 4	Garage	R-0 Wall	270	Right	170.6	0	90	none	Existing	No
North Wall 2	Garage	R-0 Wall	0	Front	213.1	0	90	none	Existing	No

OPAQUE SUR	RFACES - CATH	EDRAL CEILINGS											
01	02	03	04	05	06	07	08	09	10	11	12	13	14
Name	Zone	Construction	Azimuth	Orientation	Area (ft²)	Skylight Area (ft ²)	Roof Rise (x in 12)	Roof Reflectance	Roof Emittance	Cool Roof	Status	Verified Existing Condition	Existing Construction
Roof (Slope 6.5/12)	Second Floor	Default Roof Prior to 1971	0	Front	30	29.9	6.5	0.1	0.85	No	Existing	No	

ATTIC											
01	02	03	04	05	06	07	08	09	10		
Name Construction		Туре	Roof Rise (x in 12)	Roof Reflectance	Roof Emittance	Radiant Barrier	Cool Roof	Status	Verified Existing Condition		
Attic Second Floor	Attic RoofSecond Floor	Ventilated	6.90548	0.1	0.85	No	No	Existing	No		

HERS Provider: Registration Number: Registration Date/Time:

CA Building Energy Efficiency Standards - 2019 Residential Compliance Report Version: 2019.1.300 Report Generated: 2021-10-06 08:18:45 Schema Version: rev 20200901

JDY DESIGN



BUILDING PERMIT

355 OAK PARK DRIVE SAN FRANCISCO CA, 94131 APN:

DRAWN BY: JY PRINT DATE: OCT. 5, 2021 TITLE 24 REPORT

43.7 Slab First Floor 241 80% n/a none

Registration Number: CA Building Energy Efficiency Standards - 2019 Residential Compliance Registration Date/Time: Report Version: 2019.1.300

Schema Version: rev 20200901

HERS Provider:

Report Generated: 2021-10-06 08:18:45

CERTIFICATE OF COMPLIANCE CF1R-PRF-01E Calculation Date/Time: 2021-10-06T08:17:57-07:00 (Page 8 of 11) Project Name: Residential Building Calculation Description: Title 24 Analysis Input File Name: BaileyMattAddition.ribd19x

WATER HEATING S	YSTEMS							;	
01	02	03	04	05	06	07	08	09	10
Name	System Type	Distribution Type	Water Heater Name (#)	Solar Heating System	Compact Distribution	HERS Verification	Status	Verified Existing Condition	Existing Water Heating System
DHW Sys 1	Domestic Hot Water (DHW)	Standard Distribution System	DHW Heater 1 (1)	n/a	None	n/a	Existing	No	

WATER HEAT	ERS												
01	02	03	04	05	06	07	08	09	10	11	12	13	14
Name	Heating Element Type	Tank Type	# of Units	Tank Vol. (gal)	Energy Factor or Efficiency	Input Rating or Pilot	Tank Insulation R-value (Int/Ext)	Standby Loss or Recovery Eff	1st Hr. Rating or Flow Rate	NEEA Heat Pump Brand or Model	Tank Location or Ambient Condition	Status	Verified Existing Condition
DHW Heater 1	Electric Resistance	Small Instantaneous	1	0.1	0.98-EF	<= 12 kW	0	80	n/a	n/a	n/a	Existing	No

WATER HEATING - HERS	VERIFICATION		+	 	+	+	•
01	02	03	04	05	06	07	08
Name	Pipe Insulation	Parallel Piping	Compact Distribution	Compact Distribution Type	Recirculation Control	Central DHW Distribution	Shower Drain Water Heat Recovery
DHW Sys 1 - 1/1	Not Required	Not Required	Not Required	None	Not Required	Not Required	Not Required

Registration Date/Time: HERS Provider: Registration Number: CA Building Energy Efficiency Standards - 2019 Residential Compliance Report Version: 2019.1.300 Report Generated: 2021-10-06 08:18:45

Schema Version: rev 20200901

CERTIFICATE OF COMPLIANCE		CF1R-PRF-018
Project Name: Residential Building	Calculation Date/Time: 2021-10-06T08:17:57-07:00	(Page 11 of 11
Calculation Description: Title 24 Analysis	Input File Name: BaileyMattAddition.ribd19x	
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	"积 "、=4 »	+
1. I certify that this Certificate of Compliance documentation is accurate and con	nplete.	
Documentation Author Name: Rick Rocklewitz	Documentation Author Signature:	
Company: NRG Compliance, LP	Signature Date: 10/6/2021	
Address: PO Box 3777	CEA/ HERS Certification Identification (If applicable):	
City/State/Zip:	Phone:	
Santa Rosa, California 95402	707-237-6957	
RESPONSIBLE PERSON'S DECLARATION STATEMENT		
2. I certify that the energy features and performance specifications identified on	esponsibility for the building design identified on this Certificate of Compliance. this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the Califo icate of Compliance are consistent with the information provided on other applicable compliance do r approval with this building permit application. Responsible Designer Signature:	=
Joshua Yoches		
Company: JDY Design Studio	Date Signed:	
Address: 655 14th Avenue	License:	,
City/State/Zip: San Francisco, CA 94118	Phone: 831-239-0990	

01	02	03	04	05	06	07	08
Construction Name	Surface Type	Construction Type	Framing	Total Cavity R-value	Interior / Exterior Continuous R-value	U-factor	Assembly Layers
R-0 Wall	Exterior Walls	Wood Framed Wall	2x4 @ 16 in. O. C.	R-D	None / None	0.361	Inside Finish: Gypsum Board Cavity / Frame: no insul. / 2x4 Exterior Finish: 3 Coat Stucco
R-19 Wall	Exterior Walls	Wood Framed Wall	2x6 @ 16 in. O. C.	R-19	None / None	0.074	Inside Finish: Gypsum Board Cavity / Frame: R-19 in 5-1/2 in. (R-18) / 2x6 Exterior Finish: 3 Coat Stucco
Default Wall Prior to 197	Exterior Walls	Wood Framed Wall	2x4 @ 16 in. O. C.	R-D	None / None	0.361	Inside Finish: Gypsum Board Cavity / Frame: no insul. / 2x4 Exterior Finish: 3 Coat Stucco
Default Roof Prior to 1971	Cathedral Ceilings	Wood Framed Ceiling	2x4 @ 16 in. O. C.	R-11	None / None	0.088	Roofing: Light Roof (Asphalt Shingle) Roof Deck: Wood Siding/sheathing/decking Cavity / Frame: R-11 / 2x4 Inside Finish: Gypsum Board

Registration Number:	Registration Date/Time:	HERS Provider:
CA Building Energy Efficiency Standards - 2019 Residential Compliance	Report Version: 2019.1.300 Schema Version: rev 20200901	Report Generated: 2021-10-06 08:18:45

CERTIFICATE OF COMPLIANCE		CF1R-PRF-01E
Project Name: Residential Building	Calculation Date/Time: 2021-10-06T08:17:57-07:00	(Page 9 of 11)
Calculation Description: Title 24 Analysis	Input File Name: BaileyMattAddition.ribd19x	

01	02	03	04	05	06	07	08	09	10	11
Name	System Type	Heating Unit Name	Cooling Unit Name	Fan Name	Distribution Name	Required Thermostat Type	Status	Verified Existing Condition	Heating Equipment Count	Cooling Equipment Count
HVAC System1	Heat pump heating cooling	Heat Pump System 1	Heat Pump System 1	HVAC Fan 1	Air Distribution System 1	n/a	Existing	No	1	1

01	02	03	04	05	06	07	08	09	10	11	
HVAC - HEAT PUMPS	C - HEAT PUMPS										
Name	Sustan Tuno	Number of Units	Heating			Coo	ling	Zonally	Compressor	HERS Verification	
Natie	System Type	Walliber of Offics	HSPF/COP	Cap 47	Cap 17	SEER	EER/CEER	Controlled	Туре	TIERS VEHICALION	
Heat Pump System 1	Central split HP	1	8	72000	60000	12	9.6	Not Zonal	Single Speed	Heat Pump System 1-hers-htpump	

HVAC HEAT PUMPS - HERS VERIFICATION

Name	e Verifie	d Airflow	Airflow 1	Target	Verifie	ed EER	Verif	ied SEER		d Refrigerant Charge	Verified	HSPF	Verified He Cap 47	~	ied Heating Cap 17
HVAC - DISTI	RIBUTION SYSTEM	5	,											:=	
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
*			Duct Ins	. R-value	Duct Lo	ocation	Surfac	e Area					:	:	
Name	Туре	Design Type	Supply	Return	Supply	Return	Supply	Return	Bypass Duct	Duct Leakage	HERS Verification	Status	Verified Existing Condition	Existing Distribution system	New Ducts 40 ft
A in	() was a disi sus a d	Non							No	Existing	Air	Evicting			

Name	Туре	Design Type	Supply	Return	Supply	Return	Supply	Return	Bypass Duct	Duct Leakage	HERS Verification	Status	Verified Existing Condition	Existing Distribution system	New Duc 40 ft
Air Distributi	Unconditioned attic	Non- Verified	R-6	R-6	Attic	Attic	n/a	n/a	No Bypass Duct	Existing (not specified)	Air Distributi on System	Existing + New	No	n/a	n/a
Pagistration	Number:						Poriet	ration Date	a/Tima:			HED	S Drovidor		

Registration Number: Registration Date/Time: HERS Provider: CA Building Energy Efficiency Standards - 2019 Residential Compliance Report Version: 2019.1.300 Report Generated: 2021-10-06 08:18:45 Schema Version: rev 20200901

BUILDING ENVELOPE - HERS VERIFICATION			
01	02	03	04
Quality Insulation Installation (QII)	High R-value Spray Foam Insulation	Building Envelope Air Leakage	CFM50
Not Required	Not Required	Not Required	n/a

Registration Number:	Registration Date/Time:	HERS Provider:
CA Building Energy Efficiency Standards - 2019 Residential Compliance	Report Version: 2019.1.300 Schema Version: rev 20200901	Report Generated: 2021-10-06 08:18:45

01E 11)	CERTIFICAT	E OF COMPLIANC	E												CF	1R-PRF-01E
,	Project Nar	ne: Residential Bu	ilding						Calcula	ation Date	e/Time: 202	1-10-06T08:	17:57-07	:00	(Pa	ge 10 of 11)
	Calculation	Description: Title	24 Analysis						Input F	File Name	:: BaileyMat	tAddition.rib	d19x			
	HVAC - DIST	RIBUTION SYSTEMS									,					
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
,—				Duct Ins	. R-value	Duct L	ocation	Surfac	e Area							
nt	Name	Туре	Design Type	Supply	Return	Supply	Return	Supply	Return	Bypass Duct	Duct Leakage	HERS Verification	Status	Verified Existing Condition	Existing Distribution system	New Ducts 40 ft
	on System 1		Ī									1-hers-				

System 1			-	dist				L
HVAC FAN SYSTEMS - HERS VERIFICATION								
01	02					03		
Name	Verified Fan Watt D	raw			Requir	ed Fan Efficac	y (Watts/CFM)	
HVAC Fan 1-hers-fan	Not Required	·	:		*	D		

HERS RATER VERIFICATION OF EXISTING CONDITIONS

CA Building Energy Efficiency Standards - 2019 Residential Compliance

gistration Number:	Registration Date/Time:	HERS Provider:

Report Version: 2019.1.300 Report Generated: 2021-10-06 08:18:45 Schema Version: rev 20200901



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BUILDING PERMIT	OCT. 11, 2021
DOILDING I LINIII	001. 11, 2021

PROJECT	355 OAK PARK SAN FRANCISO APN:	DRIVE CO CA, 94131
	DRAWN BY:	JY

	PRINT DATE:	OCT. 5, 2021
2	SCALE:	
	TITLE:	TITLE 24 REPORT

RE\$	IDENTIAL MEAS	SURES SU	MMARY					RMS-1
Project N Bailey,	Name , Matt Addition		Building Type	☑ Single Fa		dition Alone sting+ Additio	n/Alteration	Date 10/6/2021
Project A				ergy Climate Zor	1	nd. Floor Area	Addition	# of Units
	ak Park Drive San F	rancisco	CA Clima	ate Zone 03	\$	1,873	241	1
	LATION truction Type		Cavity	Area (ft²)	Special .	Features		Status
					Special	reatures		
Wall Door	Wood Framed Opaque Door		- no insulation	418 19	:			Existing Existing
Wall	Wood Framed		- no insulation	118				Existing
Wall	Wood Framed Wood Framed	1	- no insulation	411				Existing
Wall	Wood Framed		- no insulation	205				Existing
Roof	Wood Framed Attic		R 11	950				Existing
Roof	Wood Framed Attic		R 11	78	1		1	Existing
Demising	g Wood Framed w/o Crawl	Space	- no insulation	482				Existing
FENE	STRATION	Total Area:	335 Glazing	Percentage:	17.9 % N	ew/Altered Aver	age U-Factor:	0.34
Orien	ntation Area(ft²)	U-Fac SH	IGC Overl	nang Sid		xterior Sh		Status
	CSYSTEMS							
Qty.	Heating DISTRIBUTION	Min. Eff	Cooling		lin. Eff		rmostat	Status
Qty. HVAC Local	Heating DISTRIBUTION tion He	Min. Eff	Cooling	Duct Lo				Status
HVAC Local	Heating DISTRIBUTION		Cooling	Duct Lo		C F	Duct	

IZEGIDEN LIZE II	IEASURES S	SUMMARY				RMS-1
Project Name		Building Typ		nily Addition Alone		Date
Bailey, Matt Addition			☐ Multi Fam	•		10/6/2021
Project Address 355 Oak Park Drive	San Francisco		nergy Climate Zone nate Zone 03	Total Cond. Floor Ard 1,873	ea Addition 241	# of Units 1
INSULATION	Jan i rancisco	OA OIII	Area	1,073	271	
Construction Typ	Δ.	Cavity		Special Feature	ie.	Status
		- no insulation	574	Special I catule	.5	
Demising Wood Framed w/o Demising Wood Framed w/o	·	- no insulation	174		,	Existing Existing
Demising Wood Frameu Wi	o Crawi Space	- no msulation	174			Existing
FENESTRATION	Total Area:	335 Glazin	g Percentage:	17.9 % New/Altered A	verage U-Factor:	0.34
Orientation Area	(ft²) U-Fac			fins Exterior	Shades	Status
		1				
					,	
HVAC SYSTEMS						
HVAC SYSTEMS Otv. Heating	Min. E	ff Cooling	Mi	in. Eff Th	nermostat	Status
HVAC SYSTEMS Qty. Heating	Min. Ef	ff Cooling	Mi	in. Eff Ti	nermostat	Status
	Min. E	ff Cooling	Mi	in. Eff Ti	nermostat	Status
	Min. E	ff Cooling	Mi	in. Eff Th	nermostat	Status
		ff Cooling	Mi	in. Eff Ti	nermostat	Status
Qty. Heating	ON	ff Cooling Cooling				Status
Qty. Heating HVAC DISTRIBUTI					Duct	
Qty. Heating HVAC DISTRIBUTI	ON				Duct	
Qty. Heating HVAC DISTRIBUTI	ON				Duct	
Qty. Heating HVAC DISTRIBUTI	ON				Duct	
Qty. Heating HVAC DISTRIBUTI Location	ON Heating	Cooling	Duct Lo		Duct	
Qty. Heating HVAC DISTRIBUTI Location WATER HEATING	ON Heating	Cooling	Duct Lo	cation	Duct	Status
Qty. Heating HVAC DISTRIBUTI Location WATER HEATING	ON Heating	Cooling	Duct Lo	cation	Duct	Status
Qty. Heating HVAC DISTRIBUTI Location WATER HEATING	ON Heating	Cooling	Duct Lo	cation	Duct	Status
Qty. Heating HVAC DISTRIBUTI Location WATER HEATING	ON Heating Ga	Cooling	Duct Lo	cation	Duct R-Value	Status

HVAC DISTRIBUTION

WATER HEATING

Ducted

EnergyPro 8.2 by EnergySoft User Number: 5581

Location HVAC System

2019 Low-Rise Residential Mandatory Measures Summary

Cooling Duct Location

Gallons Min. Eff Distribution

NOTE: Low-rise residential buildings subject to the Energy Standards must comply with all applicable mandatory measures, regardless of the compliance approach used. Review the respective section for more information. *Exceptions may apply.

Building Envelop	e Measures:			
§ 110.6(a)1:	Air Leakage. Manufactured fenestration, exterior doors, and exterior pet doors must limit air leakage to 0.3 CFM per square foot or less when tested per NFRC-400, ASTM E283 or AAMA/WDMA/CSA 101/I.S.2/A440-2011.'			
§ 110.6(a)5:	Labeling. Fenestration products and exterior doors must have a label meeting the requirements of § 10-111(a).			
§ 110.6(b):	Field fabricated exterior doors and fenestration products must use U-factors and solar heat gain coefficient (SHGC) values from Tables 110.6-A, 110.6-B, or JA4.5 for exterior doors. They must be caulked and/or weather-stripped.			
§ 110.7:	Air Leakage. All joints, penetrations, and other openings in the building envelope that are potential sources of air leakage must be caulked, gasketed, or weather stripped.			
§ 110.8(a):	Insulation Certification by Manufacturers. Insulation must be certified by the Department of Consumer Affairs, Bureau of Household Goods and Services (BHGS).			
§ 110.8(g):	Insulation Requirements for Heated Slab Floors. Heated slab floors must be insulated per the requirements of § 110.8(g).			
§ 110.8(i):	Roofing Products Solar Reflectance and Thermal Emittance. The thermal emittance and aged solar reflectance values of the roofing material must meet the requirements of § 110.8(i) and be labeled per §10-113 when the installation of a cool roof is specified on the CF1R.			
§ 110.8(j):	Radlant Barrier. When required, radiant barriers must have an emittance of 0.05 or less and be certified to the Department of Consumer Affairs			
§ 150.0(a):	Ceiling and Rafter Roof Insulation. Minimum R-22 insulation in wood-frame ceiling; or the weighted average U-factor must not exceed 0.043. Minimum R-19 or weighted average U-factor of 0.054 or less in a rafter roof alteration. Attic access doors must have permanently attached insulation using adhesive or mechanical fasteners. The attic access must be gasketed to prevent air leakage. Insulation must be installed in direct contact with a continuous roof or ceiling which is sealed to limit infiltration and exfiltration as specified in § 110.7, including but not limited to placing insulation either above or below the roof deck or on top of a drywall ceiling."			
§ 150.0(b):	Loose-fill Insulation. Loose fill insulation must meet the manufacturer's required density for the labeled R-value.			
§ 150.0(c):	Wall Insulation. Minimum R-13 insulation in 2x4 inch wood framing wall or have a U-factor of 0.102 or less, or R-20 in 2x6 inch wood framing or have a U-factor of 0.071 or less. Opaque non-framed assemblies must have an overall assembly U-factor not exceeding 0.102. Masonry walls must meet Tables 150.1-A or B.*			
§ 150.0(d):	Raised-floor Insulation. Minimum R-19 insulation in raised wood framed floor or 0.037 maximum U-factor."			
§ 150.0(f):	Slab Edge Insulation. Slab edge insulation must meet all of the following: have a water absorption rate, for the insulation material alone without facings, no greater than 0.3 percent; have a water vapor permeance no greater than 2.0 perm per inch; be protected from physical damage and UV light deterioration; and, when installed as part of a heated slab floor, meet the requirements of § 110.8(g).			
§ 150.0(g)1:	Vapor Retarder. In climate zones 1 through 16, the earth floor of unvented crawl space must be covered with a Class I or Class II vapor retarder. This requirement also applies to controlled ventilation crawl space for buildings complying with the exception to § 150.0(d).			
§ 150.0(g)2:	Vapor Retarder. In climate zones 14 and 16, a Class I or Class II vapor retarder must be installed on the conditioned space side of all insulation in all exterior walls, vented attics, and unvented attics with air-permeable insulation.			
§ 150.0(q):	Fenestration Products. Fenestration, including skylights, separating conditioned space from unconditioned space or outdoors must have a maximum U-factor of 0.58; or the weighted average U-factor of all fenestration must not exceed 0.58.			
Fireplaces, Deco	rative Gas Appliances, and Gas Log Measures:			
§ 110.5(e)	Pilot Light. Continuously burning pilot lights are not allowed for indoor and outdoor fireplaces.			
§ 150.0(e)1:	Closable Doors. Masonry or factory-built fireplaces must have a closable metal or glass door covering the entire opening of the firebox.			
§ 150.0(e)2:	Combustion Intake. Masonry or factory-built fireplaces must have a combustion outside air intake, which is at least six square inches in area and is equipped with a readily accessible, operable, and tight-fitting damper or combustion-air control device.			
§ 150.0(e)3:	Flue Damper. Masonry or factory-built fireplaces must have a flue damper with a readily accessible control.*			
Space Conditioni	ing, Water Heating, and Plumbing System Measures:			
§ 110.0-§ 110.3:	Certification. Heating, ventilation and air conditioning (HVAC) equipment, water heaters, showerheads, faucets, and all other regulated appliances must be certified by the manufacturer to the California Energy Commission.			
§ 110.2(a):	HVAC Efficiency. Equipment must meet the applicable efficiency requirements in Table 110.2-A through Table 110.2-K.*			
§ 110.2(b):	Controls for Heat Pumps with Supplementary Electric Resistance Heaters. Heat pumps with supplementary electric resistance heaters must have controls that prevent supplementary heater operation when the heating load can be met by the heat pump alone; and in which the cut-on temperature for compression heating is higher than the cut-on temperature for supplementary heating, and the cut-off temperature for compression heating is higher than the cut-off temperature for supplementary heating.			
§ 110.2(c):	Thermostats. All heating or cooling systems not controlled by a central energy management control system (EMCS) must have a setback thermostat.*			
§ 110.3(c)4:	Water Heating Recirculation Loops Serving Multiple Dwelling Units. Water heating recirculation loops serving multiple dwelling units must meet the air release valve, backflow prevention, pump priming, pump isolation valve, and recirculation loop connection requirements of § 110.3(c)4.			
§ 110.3(c)6:	Isolation Valves. Instantaneous water heaters with an input rating greater than 6.8 kBtu per hour (2 kW) must have isolation valves with hose bibbs or other fittings on both cold and hot water lines to allow for flushing the water heater when the valves are closed.			
§ 110.5:	Pilot Lights. Continuously burning pilot lights are prohibited for natural gas: fan-type central furnaces; household cooking appliances (except appliances without an electrical supply voltage connection with pilot lights that consume less than 150 Btu per hour); and pool and spa heaters			
§ 150.0(h)1:	Building Cooling and Heating Loads. Heating and/or cooling loads are calculated in accordance with the ASHRAE Handbook, Equipment Volume, Applications Volume, and Fundamentals Volume; the SMACNA Residential Comfort System Installation Standards Manual; or the ACCA Manual J using design conditions specified in § 150.0(h)2.			



R-Value Status

Status

2019 Low-Rise Residential Mandatory Measures Summary

Clearances. Air conditioner and heat pump outdoor condensing units must have a clearance of at least five feet from the outlet of any dryer § 150.0(h)3A: Liquid Line Drier. Air conditioners and heat pump systems must be equipped with liquid line filter driers if required, as specified by the Storage Tank Insulation. Unfired hot water tanks, such as storage tanks and backup storage tanks for solar water-heating systems, must have

a minimum of R-12 external insulation or R-16 internal insulation where the internal insulation R-value is indicated on the exterior of the tank. Water Piping, Solar Water-heating System Piping, and Space Conditioning System Line Insulation. All domestic hot water piping must be insulated as specified in Section 609.11 of the California Plumbing Code. In addition, the following piping conditions must have a minimum insulation wall thickness of one inch or a minimum insulation R-value of 7.7: the first five feet of cold water pipes from the storage tank; all hot water piping with a nominal diameter equal to or greater than 3/4 inch and less than one inch; all hot water piping with a nominal diameter less than 3/4 inch that is: associated with a domestic hot water recirculation system, from the heating source to storage tank or between tanks, buried below grade, and from the heating source to kitchen fixtures.*

Insulation Protection. Piping insulation must be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind as required by Section 120.3(b). Insulation exposed to weather must be water retardant and protected from UV light (no adhesive tapes). Insulation covering chilled water piping and refrigerant suction piping located outside the conditioned space must include, or be protected by, a Class I or Class II vapor retarder. Pipe insulation buried below grade must be installed in a waterproof and non-crushable casing or sleeve. Gas or Propane Water Heating Systems. Systems using gas or propane water heaters to serve individual dwelling units must include all of the following: A dedicated 125 volt, 20 amp electrical receptacle connected to the electric panel with a 120/240 volt 3 conductor, 10 AWG copper branch circuit, within three feet of the water healer without obstruction. Both ends of the unused conductor must be labeled with the word "spare" and be electrically isolated. Have a reserved single pole circuit breaker space in the electrical panel adjacent to the circuit breaker for the branch circuit and labeled with the words "Future 240V Use": a Category III or IV vent, or a Type B vent with straight pipe between the outside termination and the space where the water heater is installed; a condensate drain that is no more than two inches higher than the base of the water heater, and allows natural draining without pump assistance; and a gas supply line with a capacity of at least 200,000 Btu per hour.

Recirculating Loops. Recirculating loops serving multiple dwelling units must meet the requirements of § 110.3(c)5. Solar Water-heating Systems. Solar water-heating systems and collectors must be certified and rated by the Solar Rating and Certification Corporation (SRCC), the International Association of Plumbing and Mechanical Officials, Research and Testing (IAPMO R&T), or by a listing agency that is approved by the Executive Director.

Ducts and Fans Measures: Ducts. Insulation installed on an existing space-conditioning duct must comply with § 604.0 of the California Mechanical Code (CMC). If a

contractor installs the insulation, the contractor must certify to the customer, in writing, that the insulation meets this requirement. CMC Compliance. All air-distribution system ducts and plenums must meet the requirements of the CMC §§ 601.0, 602.0, 603.0, 604.0, 605.0 and ANSI/SMACNA-006-2006 HVAC Duct Construction Standards Metal and Flexible 3rd Edition. Portions of supply-air and return-air ducts and plenums must be insulated to a minimum installed level of R-6.0 or a minimum installed level of R-4.2 when ducts are entirely in conditioned space as confirmed through field verification and diagnostic testing (RA3.1.4.3.8). Portions of the duct system completely exposed and surrounded by directly conditioned space are not required to be insulated. Connections of metal ducts and inner core of flexible ducts must be mechanically fastened. Openings must be sealed with mastic, tape, or other duct-closure system that meets the applicable requirements of UL 181, UL 181A, or UL 181B or aerosol sealant that meets the requirements of UL 723. If mastic or tape is used to seal openings greater than ¼ inch, the combination of mastic and either mesh or tape must be used. Building cavities, support platforms for air handlers, and plenums designed or constructed with materials other than sealed sheet metal, duct board or flexible duct must not be used to convey conditioned air. Building cavities and support platforms may contain ducts. Ducts installed in cavities and support platforms must not be compressed to cause reductions in the cross-sectional area.*

Factory-Fabricated Duct Systems. Factory-fabricated duct systems must comply with applicable requirements for duct construction, connections, and closures; joints and seams of duct systems and their components must not be sealed with cloth back rubber adhesive duct tapes unless such tape is used in combination with mastic and draw bands. Field-Fabricated Duct Systems. Field-fabricated duct systems must comply with applicable requirements for: pressure-sensitive tapes,

to weather must be suitable for outdoor service. For example, protected by aluminum, sheet metal, painted canvas, or plastic cover. Cellular

mastics, sealants, and other requirements specified for duct construction. Backdraft Damper. Fan systems that exchange air between the conditioned space and outdoors must have backdraft or automatic dampers. § 150.0(m)7: Gravity Ventilation Dampers. Gravity ventilating systems serving conditioned space must have either automatic or readily accessible, manually operated dampers in all openings to the outside, except combustion inlet and outlet air openings and elevator shaft vents. Protection of Insulation. Insulation must be protected from damage, sunlight, moisture, equipment maintenance, and wind. Insulation exposed

foam insulation must be protected as above or painted with a coating that is water retardant and provides shielding from solar radiation. Porous Inner Core Flex Duct. Porous inner core flex ducts must have a non-porous layer between the inner core and outer vapor barrier. Duct System Sealing and Leakage Test. When space conditioning systems use forced air duct systems to supply conditioned air to an occupiable space, the ducts must be sealed and duct leakage tested, as confirmed through field verification and diagnostic testing, in accordance with § 150.0(m)11 and Reference Residential Appendix RA3. Air Filtration. Space conditioning systems with ducts exceeding 10 feet and the supply side of ventilation systems must have MERV 13 or

equivalent filters. Filters for space conditioning systems must have a two inch depth or can be one inch if sized per Equation 150.0-A. Pressure drops and labeling must meet the requirements in §150.0(m)12. Filters must be accessible for regular service.*

Space Conditioning System Airflow Rate and Fan Efficacy. Space conditioning systems that use ducts to supply cooling must have a hole for the placement of a static pressure probe, or a permanently installed static pressure probe in the supply plenum. Airflow must be ≥ 350 CFM per ton of nominal cooling capacity, and an air-handling unit fan efficacy ≤ 0.45 watts per CFM for gas furnace air handlers and ≤ 0.58 watts per CFM for all others. Small duct high velocity systems must provide an airflow ≥ 250 CFM per ton of nominal cooling capacity, and an air-handling unit fan efficacy ≤ 0.62 watts per CFM. Field verification testing is required in accordance with Reference Residential Appendix RA3.3.*



1 § 150.0(p):

§ 150.0(k)1E:

§ 150.0(k)1l:

rate, piping, filters, and valves."

2019 Low-Rise Residential Mandatory Measures Summary

Requirements f	for Ventilation and Indoor Air Quality:
§ 150.0(o)1:	Requirements for Ventilation and Indoor Air Quality. All dwelling units must meet the requirements of ASHRAE Standard 62.2, Ventilation and Acceptable Indoor Air Quality in Residential Buildings subject to the amendments specified in § 150.0(o)1.
§ 150.0(o)1C: Single Family Detached Dwelling Units. Single family detached dwelling units, and attached dwelling units not sharing ceit other dwelling units, occupiable spaces, public garages, or commercial spaces must have mechanical ventilation airflow providermined by ASHRAE 62.2 Sections 4.1.1 and 4.1.2 and as specified in § 150.0(o)1C.	
	Multifamily Attached Dwelling Units. Multifamily attached dwelling units must have mechanical ventilation airflow provided at rates in accordance with Equation 150.0-B and must be either a balanced system or continuous supply or continuous exhaust system. If a balanced

system is not used, all units in the building must use the same system type and the dwelling unit envelope leakage must be ≤ 0.3 CFM at 50 Pa (0.2 inch water) per square foot of dwelling unit envelope surface area and verified in accordance with Reference Residential Appendix RA3.8. Multifamily Building Central Ventilation Systems. Central ventilation systems that serve multiple dwelling units must be balanced to provide ventilation airflow for each dwelling unit served at a rate equal to or greater than the rate specified by Equation 150.0-B. All unit airflows must be within 20 percent of the unit with the lowest airflow rate as it relates to the individual unit's minimum required airflow rate needed for compliance. Kitchen Range Hoods. Kitchen range hoods must be rated for sound in accordance with Section 7.2 of ASHRAE 62.2. Field Verification and Diagnostic Testing. Dwelling unit ventilation airflow must be verified in accordance with Reference Residential Appendix RA3.7. A kitchen range hood must be verified in accordance with Reference Residential Appendix RA3.7.4.3 to confirm it is rated by HVI to compty with the airflow rates and sound requirements as specified in Section 5 and 7.2 of ASHRAE 62.2.

Pool and Spa Systems and Equipment Measures: ertification by Manufacturers. Any pool or spa heating system or equipment must be certified to have all of the following: a thermal efficiency that complies with the Appliance Efficiency Regulations; an on-off switch mounted outside of the heater that allows shutting off the heater without adjusting the thermostat setting; a permanent weatherproof plate or card with operating instructions; and must not use electric resistance heating. Piping. Any pool or spa heating system or equipment must be installed with at least 36 inches of pipe between the filter and the heater, or dedicated suction and return lines, or built-in or built-up connections to allow for future solar heating. Covers. Outdoor pools or spas that have a heat pump or gas heater must have a cover. Directional inlets and Time Switches for Pools. Pools must have directional inlets that adequately mix the pool water, and a time switch that § 110.4(b)3: will allow all pumps to be set or programmed to run only during off-peak electric demand periods. Pilot Light. Natural gas pool and spa heaters must not have a continuously burning pilot light.

Pool Systems and Equipment Installation. Residential pool systems or equipment must meet the specified requirements for pump sizing, flow

Lighting Controls and Components. All lighting control devices and systems, ballasts, and luminaires must meet the applicable requirements § 150.0(k)1A: **Luminaire Efficacy.** All installed luminaires must meet the requirements in Table 150.0-A. Blank Electrical Boxes. The number of electrical boxes that are more than five feet above the finished floor and do not contain a luminaire or § 150.0(k)1B: other device must be no greater than the number of bedrooms. These electrical boxes must be served by a dimmer, vacancy sensor control, or fan speed control. Recessed Downlight Luminaires in Ceilings. Luminaires recessed into ceilings must meet all of the requirements for: insulation contact (IC § 150.0(k)1C: labeling; air leakage; sealing; maintenance; and socket and light source as described in § 150.0(k)1C. Electronic Ballasts for Fluorescent Lamps. Ballasts for fluorescent lamps rated 13 watts or greater must be electronic and must have an § 150.0(k)1D: Night Lights, Step Lights, and Path Lights. Night lights, step lights and path lights are not required to comply with Table 150.0-A or be

Lighting Integral to Exhaust Fans. Lighting integral to exhaust fans (except when installed by the manufacturer in kitchen exhaust hoods) § 150.0(k)1F: must meet the applicable requirements of § 150.0(k).* Screw based luminaires. Screw based luminaires must contain lamps that comply with Reference Joint Appendix JA8. Light Sources in Enclosed or Recessed Luminaires. Lamps and other separable light sources that are not compliant with the JA8 elevated mperature requirements, including marking requirements, must not be installed in enclosed or recessed luminaires. Light Sources in Drawers, Cabinets, and Linen Closets. Light sources internal to drawers, cabinetry or linen closets are not required to

comply with Table 150.0-A or be controlled by vacancy sensors provided that they are rated to consume no more than 5 watts of power, emit no

controlled by vacancy sensors provided they are rated to consume no more than 5 watts of power and emit no more than 150 lumens.

more than 150 lumens, and are equipped with controls that automatically turn the lighting off when the drawer, cabinet or linen closet is closed. Interior Switches and Controls. All forward phase cut dimmers used with LED light sources must comply with NEMA SSL 7A. Interior Switches and Controls. Exhaust fans must be controlled separately from lighting systems. § 150.0(k)2B: Interior Switches and Controls. Lighting must have readily accessible wall-mounted controls that allow the lighting to be manually

Interior Switches and Controls. Controls and equipment must be installed in accordance with manufacturer's instructions. Interior Switches and Controls. Controls must not bypass a dimmer, occupant sensor, or vacancy sensor function if the control is installed to § 150.0(k)2F; Interior Switches and Controls. Lighting controls must comply with the applicable requirements of § 110.9.



§ 150.0(k)2l:

2019 Low-Rise Residential Mandatory Measures Summary

Interior Switches and Controls. An energy management control system (EMCS) may be used to comply with control requirements if it: provides functionality of the specified control according to § 110.9; meets the Installation Certificate requirements of § 130.4; meets the EMCS requirements of § 130.0(e); and meets all other requirements in § 150.0(k)2.

Interior Switches and Controls. A multiscene programmable controller may be used to comply with dimmer requirements in § 150.0(k) if it provides the functionality of a dimmer according to § 110.9, and complies with all other applicable requirements in § 150.0(k)2. Interior Switches and Controls. In bathrooms, garages, laundry rooms, and utility rooms, at least one luminaire in each of these spaces must be controlled by an occupant sensor or a vacancy sensor providing automatic-off functionality. If an occupant sensor is installed, it must be initially configured to manual-on operation using the manual control required under Section 150.0(k)2C. Interior Switches and Controls. Luminaires that are or contain light sources that meet Reference Joint Appendix JA8 requirements for dimming, and that are not controlled by occupancy or vacancy sensors, must have dimming controls."

§ 150.0(k)2J: Interior Switches and Controls. Under cabinet lighting must be controlled separately from ceiling-installed lighting systems. Residential Outdoor Lighting. For single-family residential buildings, outdoor lighting permanently mounted to a residential building, or to other § 150.0(k)3A: buildings on the same lot, must meet the requirement in item § 150.0(k)3Ai (ON and OFF switch) and the requirements in either § 150.0(k)3Aii (photocell and either a motion sensor or automatic time switch control) or § 150.0(k)3Aiii (astronomical time clock), or an EMCS. Residential Outdoor Lighting. For low-rise residential buildings with four or more dwelling units, outdoor lighting for private patios, entrances, § 150.0(k)3B: balconies, and porches; and residential parking lots and carports with less than eight vehicles per site must comply with either § 150.0(k)3A or with the applicable requirements in Sections 110.9, 130.0, 130.2, 130.4, 140.7 and 141.0.

Residential Outdoor Lighting. For low-rise residential buildings with four or more dwelling units, any outdoor lighting for residential parking lots or carports with a total of eight or more vehicles per site and any outdoor lighting not regulated by § 150.0(k)3B or § 150.0(k)3D must comply with § 150.0(k)3C: the applicable requirements in Sections 110.9, 130.0, 130.2, 130.4, 140.7 and 141.0. Internally illuminated address signs. Internally illuminated address signs must comply with § 140.8; or must consume no more than 5 watts of § 150.0(k)4: power as determined according to § 130.0(c).

Residential Garages for Eight or More Vehicles. Lighting for residential parking garages for eight or more vehicles must comply with the § 150.0(k)5: applicable requirements for nonresidential garages in Sections 110.9, 130.0, 130.1, 130.4, 140.6, and 141.0. Interior Common Areas of Low-rise Multifamily Residential Buildings. In a low-rise multifamily residential building where the total interior § 150.0(k)6A: common area in a single building equals 20 percent or less of the floor area, permanently installed lighting for the interior common areas in that building must be comply with Table 150.0-A and be controlled by an occupant sensor. Interior Common Areas of Low-rise Multifamily Residential Buildings. In a low-rise multifamily residential building where the total interior common area in a single building equals more than 20 percent of the floor area, permanently installed lighting for the interior common areas in

§ 150.0(k)6B: i. Comply with the applicable requirements in Sections 110.9, 130.0, 130.1, 140.6 and 141.0; and ii. Lighting installed in corridors and stairwells must be controlled by occupant sensors that reduce the lighting power in each space by at least 50 percent. The occupant sensors must be capable of turning the light fully on and off from all designed paths of ingress and egress.

Solar Ready Buildings: Single Family Residences. Single family residences located in subdivisions with 10 or more single family residences and where the application for a tentative subdivision map for the residences has been deemed complete and approved by the enforcement agency, which do not have a photovoltaic system installed, must comply with the requirements of § 110.10(b) through § 110.10(e). Low-rise Multifamily Buildings. Low-rise multi-family buildings that do not have a photovoltaic system installed must comply with the § 110.10(a)2: requirements of § 110.10(b) through § 110.10(d). Minimum Solar Zone Area. The solar zone must have a minimum total area as described below. The solar zone must comply with access,

pathway, smoke ventilation, and spacing requirements as specified in Title 24, Part 9 or other parts of Title 24 or in any requirements adopted by a local jurisdiction. The solar zone total area must be comprised of areas that have no dimension less than 5 feet and are no less than 80 square feet each for buildings with roof areas less than or equal to 10,000 square feet or no less than 160 square feet each for buildings with roof areas greater than 10,000 square feet. For single family residences, the solar zone must be located on the roof or overhang of the building and have a total area no less than 250 square feet. For low-rise multi-family buildings the solar zone must be located on the roof or overhang of the building, or on the roof or overhang of another structure located within 250 feet of the building, or on covered parking installed with the building project, and have a total area no less than 15 percent of the total roof area of the building excluding any skylight area. The solar zone requirement is applicable to the entire building, including mixed occupancy.

§ 110.10(b)2: Azimuth. All sections of the solar zone located on steep-sloped roofs must be oriented between 90 degrees and 300 degrees of true north. Shading. The solar zone must not contain any obstructions, including but not limited to: vents, chimneys, architectural features, and roof § 110.10(b)3A: mounted equipment.*

Shading. Any obstruction located on the roof or any other part of the building that projects above a solar zone must be located at least twice the § 110.10(b)3B: distance, measured in the horizontal plane, of the height difference between the highest point of the obstruction and the horizontal projection of the nearest point of the solar zone, measured in the vertical plane." Structural Design Loads on Construction Documents. For areas of the roof designated as a solar zone, the structural design loads for roof § 110.10(b)4: dead load and roof live load must be clearly indicated on the construction documents. Interconnection Pathways. The construction documents must indicate: a location reserved for inverters and metering equipment and a

§ 110.10(c): pathway reserved for routing of conduit from the solar zone to the point of interconnection with the electrical service; and for single family residences and central water-heating systems, a pathway reserved for routing plumbing from the solar zone to the water-heating system. **Documentation.** A copy of the construction documents or a comparable document indicating the information from § 110.10(b) through § 110.10(c) must be provided to the occupant.

§ 110.10(e)1: Main Electrical Service Panel. The main electrical service panel must have a minimum busbar rating of 200 amps. Main Electrical Service Panel. The main electrical service panel must have a reserved space to allow for the installation of a double pole circuit § 110.10(e)2: breaker for a future solar electric installation. The reserved space must be permanently marked as "For Future Solar Electric".

JDY DESIGN



BUILDING PERMIT

355 OAK PARK DRIVE SAN FRANCISCO CA, 94131

APN: DRAWN BY: JY PRINT DATE: | OCT. 5, 2021

TITLE 24 REPORT

Form version: April 1, 2021 (For permit applications January 2020 - December 2022)

INSTRUCTIONS: U. Fill out the project information in the Verification box at the right.					OTHER RESIDENTIAL ALTERATIONS +	VERIFICATION	
0.0304	estial must be a minimum of 11" x 17". Form is for permit applications submitted	January 2020 through Decemb	r 2002		ADDITIONS	indicate below who is responsible for ensuring green building requirements are mut. Projects that increase	
	TITLE	SOURCE OF REQUIREMENT	DESCRIPTION OF REQUI	REMENT	area volume or size	total conditioned floor area by ≥1,000 sq. ff. are required to have a Green Building Compliance Professional of Record as described in Administrative Buildin 93. For	
	GRADING & PAVING	CALGreen 4.106.3	Show how surface drainage (grading, swales, drains, retention areas) will ke		If annicable	projects that increase total conditioned floor area by	
	RODENT PROOFING	CALGreen 4.406.1	Seal around pipe, cable, conduit, and other openings in exterior waits with o			< 1,000 sq. ft., the applicant or design professional may sign below, and no figures or special qualifications are	
3	FIREPLACES &	CALGreen 4 503.1	Install only direct-vent or sealed-combustion, EPA Phase R-compliant applia			required. FINAL COMPLIANCE VERIFICATION form will be required prior to Certificate of Completion	
Ĭ.	WOODSTOVES CAPILLARY BREAK.	1 2 AND COMMON AND COM		reak such as: 4 inches of base 1/2-inch aggregate under retarder; stab design specified by licensed		355 OAK PARK DRIVE	
1	SLAB ON GRADE	CALGreen 4.505.2	professional.	Acon such as: 4 sichles of date: Hz final aggregate union receiver, sear design apechasic by increases.		PROJECT NAME	
	MOISTURE CONTENT	CALGreen 4:505.3	Wall + floor <19% moisture content before enclosure.			2678/008 FLOCK/LOT	
	BATHROOM EXHAUST	CALGreen 4.506.1	Must be ENERGY STAR compliant, ducted to building exterior, and its humi-	idistat shall be capable of adjusting between <50% to >80% (humidistat may be separate component).		355 OAK PARK DRIVE, SAN FRANCISCO, CA, 94131	
NEBIONS	LOW-EMITTING MATERIALS		Use products that comply with the emission limit requirements of 4.504.2.1-0 resilient flooring (80% of area), and composite wood products.	5, 5.504.4.1-6 for adhesives, sealants, paints, coatings, carpet systems including cushions and adhesives,		SINGLE-FAMILY RESIDENCE PRIMARY OCCUPANCY	
圣品			Cold 511 F1 F1			241 SQ FT	
NO.	INDOOR WATER USE REDUCTION	CALGreen 4.303.1, SF Housing Code sec.12A10		1.5 gpf floor); showerheads (1.8 gpm); lavatories (1.2 gpm private, 0.5 gpm public/common); kitchen faucets a disposers (1 gpm/8 gpm). Residential major improvement projects must upgrade all non-compliant fodures per		GROSS BUILDING AREA 2488 SQ FT INCREASE IN CONDITIONED FLOOR AREA	
WW	WATER-EFFICIENT IRRIGATION	Administrative Code ch.63	If modified landscape area is ≥1,000 sq.ft., use low water use plants or clima restrictions by calculated ETAF of ≤.55 or by prescriptive compliance for pro	ate appropriate plants, restrict turf areas and comply with Model Water Efficient Landscape Ordinance jects with s2,500 sq.ft. of landscape area.	≛.•	I have been retained by the project sponsor to verify that approved construction documents and construction fulfill the requirements of San Francisco Green Building Code. It	
ENERGY	ENERGY EFFICIENCY	CA Energy Code	Comply with all provisions of the CA Energy Code.	125 11 ■ 12 =	is my professional opinion that the requirements of the San Francisco Green Building Code will be met. I will notify the Department of Building Inspection if the project will, for any reason, not substantially comply with these requirements, if		
PARKING	BICYCLE PARKING	Planning Code sec.155.1-2	Provide short- and long-term bike parking to meet requirements of SF Plann	ring Code sec.155.1-2.	if applicable	I am no longer the Green Building Compliance Professional of Record for the project, or if I am otherwise no longer responsible for assuring the compliance of the project with the San Francisco Green Building Code.	
RCE ERY	RECYCLING BY OCCUPANTS	SF Building Code 106A.3.3, CalGreen 5.410.1, AB-088	Provide adequate space and equal access for storage, collection, and loading hauler, see supporting materials including a design guide and calculator at:	ng of compostable, recyclable and landfill materials. For help estimating adequate space for collection by www.sfenvironment.org/refusecalculator.		LICENSED PROFESSIONAL (sign & date)	
RESOURCE RECOVER	CONSTRUCTION & DEMOLITION (C&D) DISCARDS MANAGEMENT	Environment Code ch. 14 SFGBC 4.103.2.3 CalGreen 4.408.2, 4.408.5	Construction Discards Management - 100% of mixed debris must be taken to See www.dbi.org for details.	by a Registered Transporter to a Registered facility and processed for recycling. Demonstrate ≥65% recovery.		May be signed by applicant when <1,000 sq. ft. is added. AFFIX STAMP BELOW:	
9	HVAC INSTALLER QUALS	CALGreen 4.702.1	Installers must be trained in best practices.				
Ŧ	HVAC DESIGN	CALGreen 4:507.2	HVAC shall be designed to ACCA Manual J, D, and S.		**************************************		
HBOR	BIRD-SAFE BUILDINGS	Planning Code sec.139	lass facades and bird hazards facing and/or near Urban Bird Refuges may need to treat their glass for opacity.		S.T.		
88	TOBACCO SMOKE CONTROL	Health Code art 19F	Prohibit smoking within 10 feet of building entries, air intakes, and operable	windows and enclosed common areas.			
PREVENTION	STORMWATER CONTROL PLAN	Public Works Code art.4.2 sec.147	Projects disturbing ≥5,000 sq.ll, in combined or separate sewer areas, or rep SFPUC Stormwater Management Requirements.	placing ≥2,500 impervious sq.ft. in separate sewer area, must implement a Stormwater Control Pian meeting	if project extends outside envelope	Projects that increase total conditioned floor area by ≥1,000 sq.ft.; Green Building Compliance Professional of Record will verify compliance.	
PREVE	CONSTRUCTION SITE RUNOFF	Public Works Code art.4.2 sec.146	Provide a construction site Stormwater Poliution Prevention Plan and impler	ment SFPUC Best Management Practices.	if project extends outside envelope		
QUALITY QUALITY	AIR FILTRATION (CONSTRUCTION)	CALGreen 4.504.1	Seal permanent HVAC ducts/equipment stored onsite before installation.		130	GREEN BUILDING COMPLIANCE PROFESSIONAL (name & contact phone #)	
ORMATION:	Indoor Water Efficiency Each fixture must not exceed CALGmen 4.300 maximum flow refer Posture tyre: Maximum ricture ricov nate NOTES: Showerteach 1.5 good (8.60 ps) 1. For dual flush toleth, effective flush volume is defined as the composite, everage flush		TE NOTES: Ont 1. For dual flush tollets, effective flush volume or 0 is defined as the composite, everage flush into	Water Efficiency of Existing Non-Compliant Fixtures Astones that are not compliant with the San Francisco Commercial Weter Commercialor Annoe that serve or are located within the project area must be replaced with flutures Ittings recoing the maximum flow rates and standards referenced above. For more Imparion, see the Commercial Water Conservation Program Brochure, available at SP(IIII)		I am a LEED Accredited Professional I am a GreenPoint Rater	
INDOOR WATER EFFIC	Lavetay Paucets Kitchen Faucets West Fourtains Meterng Faucets Tank-type water closers Flushoneser value water closers Oresis	1.2 gare (\$ 60 paid 1.5 gare (\$ 60 paideons) 1.6 gare (\$0 per man inches) (\$ 20 gallers per cyclis 1.26 gallers / flush* and EPK V 1.35 gallers / flush* Visit mount: 0.175 gallers / flush	wolume of two reduced fushes and one full fush. The referenced standard is ASME A112.19.14 and USEPA WaterSense Tonk-Type High Efficiency Tollet Specification – 1.28 gal (4.8L) 2. The combined flow rate of all showerheads in one shower stati shall not exceed the maximum flow rate for one showerhead; of fixe shower shall be designed to allow only one showerhead to be in operation at a time. Exceeding the showerhead to be in operation at a time.	N-COMPLIANT PLUMBING FIXTURES INCLUDE: Any toket manufactured to use more than 1.6 gallored ush Any urinel manufactured to use more than 1 gallored ush Any showerhood manufactured to have a flow capacity of more than 2.5 gpm Any interior faucal that emits more than 2.2 gpm Septions to this requirement are limited to altrations where replacement of faiture(s) would not integrity of the building, as determined by the Department of Building		GREEN BUILDING COMPLIANCE PROFESSIONAL (sign & date) Signature by a professional holding at least one of the above carbfications is required. If the Licensed Professional does not hold a certification for green design and/or inspection, this section may be completed by enother certif who will verify applicable green building	



BUILDING PERIVITI	001.11,2021

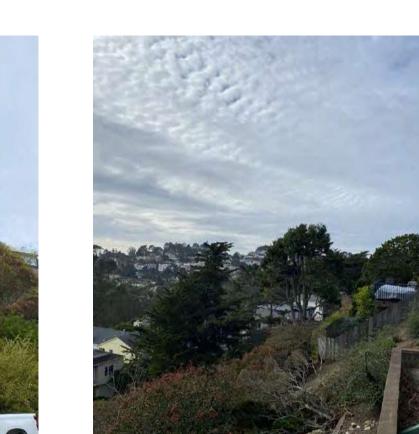
355 OAK PARK DRIVE SAN FRANCISCO CA, 94131 APN: DRAWN BY: JY

	DIAWIN DI.	31
	PRINT DATE:	OCT. 5, 2021
2	SCALE:	
	TITLE:	GREEN BUILDING
		COMPLIANCE

DRAWN BY: JY PRINT DATE: OCT. 5, 2021 EXISTING PHOTOS

SHEET NUMBER: A0.2

EXISTING PHOTOS





VIEW SOUTHWEST FROM PATIO





LOOKING WEST FROM PATIO

ROWLED IT RECEIVED YOUR DAKENARY OF

LOOKING EAST FROM PATIO

VIEW FROM WARREN DRIVE

REJACENT PROPERTY: BY GAS FARM BUILDEST PROPERTY: INCOME PARK OR



BUILDINGS ON SAME SIDE OF STREET



FRONT FACADE OF SUBJECT BUILDING

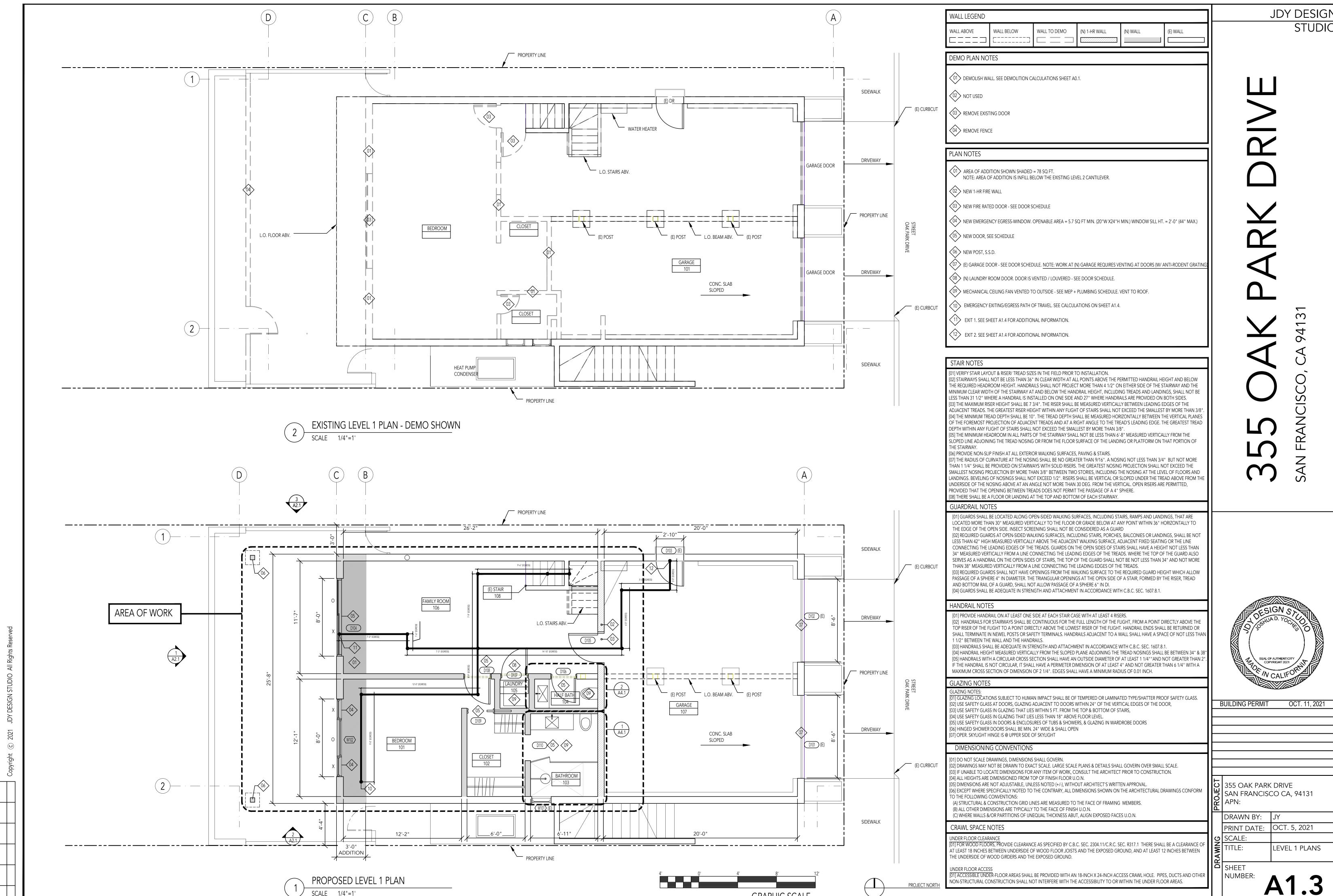


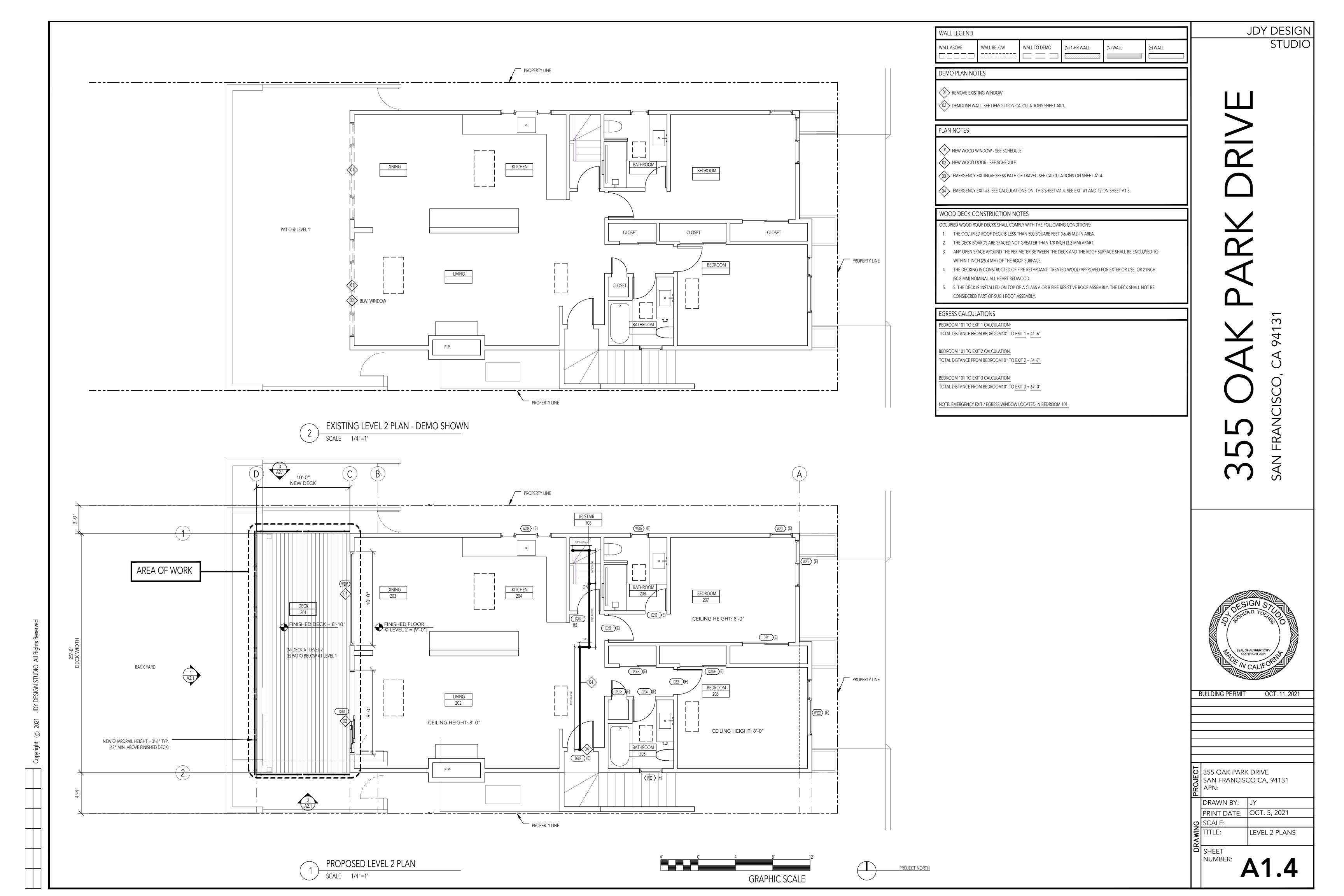
BUILDINGS ON FACING SIDE OF STREET

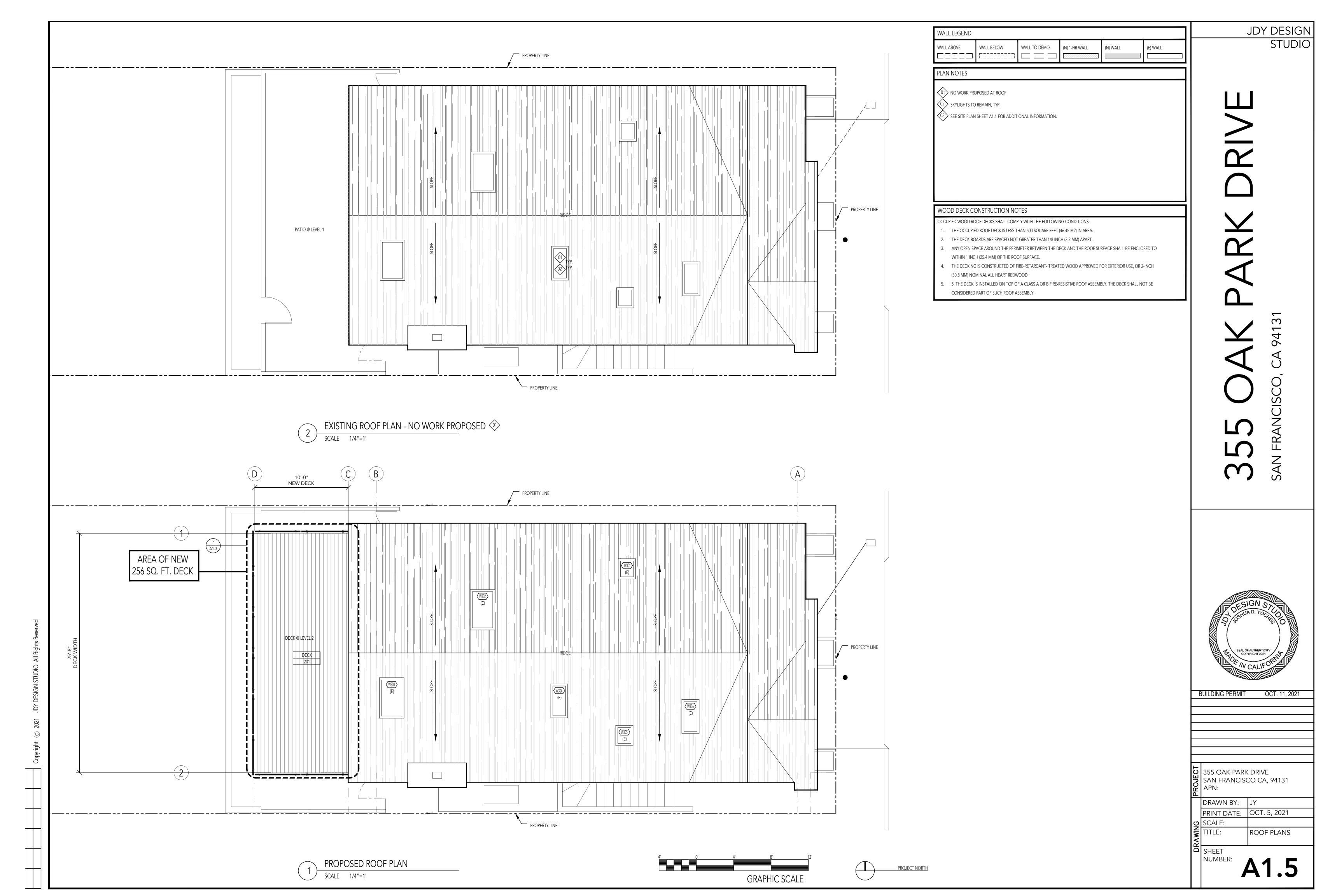


REAR FACADE OF SUBJECT BUILDING

JDY DESIGN













BUILDING PERMIT OCT. 11, 2021

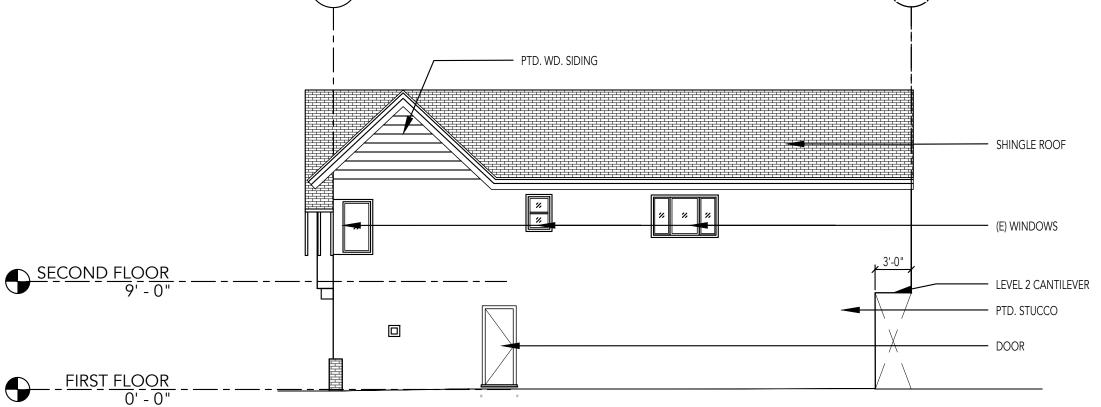
355 OAK PARK DRIVE SAN FRANCISCO CA, 94131 APN:

DRAWN BY: JY PRINT DATE: OCT. 5, 2021 EXISTING ELEVATIONS

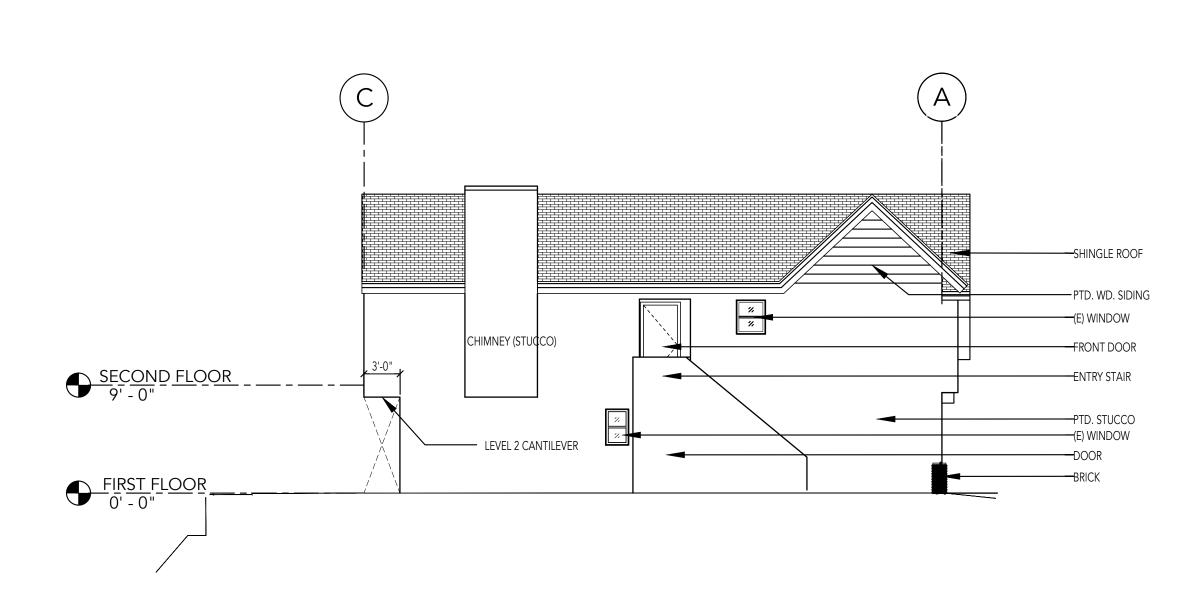
SHEET NUMBER:

 SHINGLE ROOF — (E) WINDOWS — PTD. WD. SIDING — PTD. STUCCO — GARAGE DOORS

> EXISTING NORTH ELEVATION (NO WORK) SCALE 1/8"=1'-0"



EXISTING WEST ELEVATION SCALE 1/8"=1'-0"



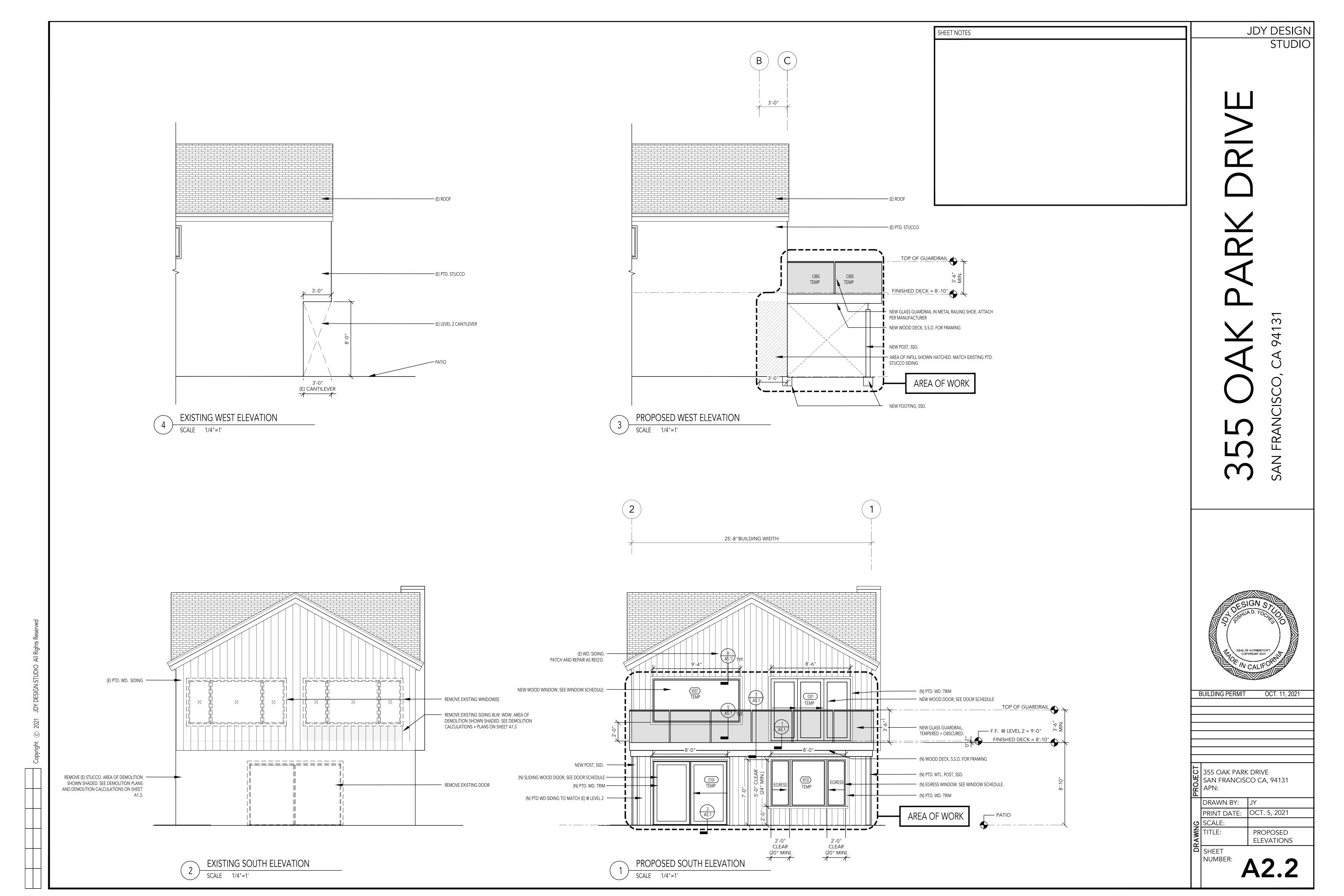
EXISTING EAST ELEVATION

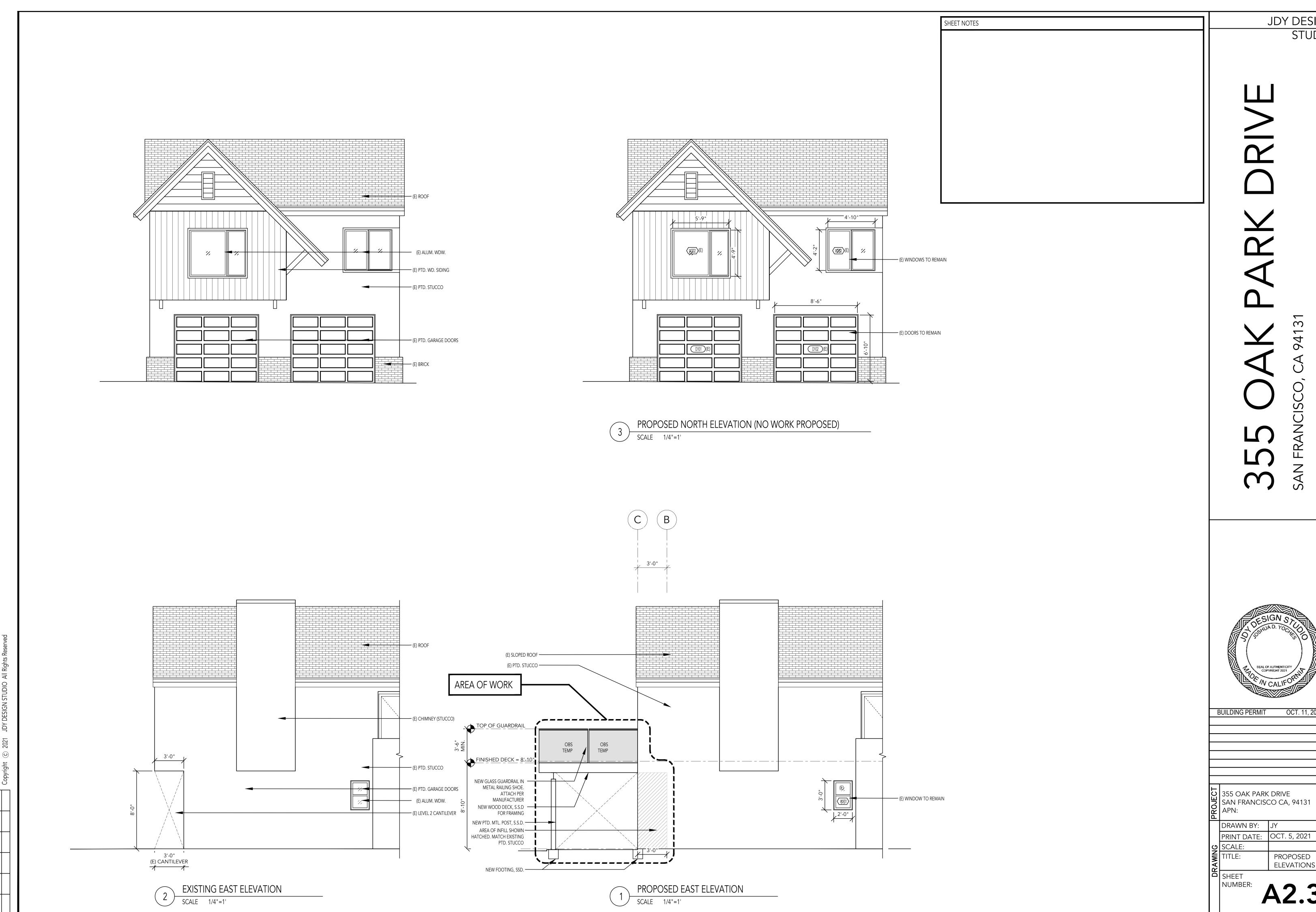
SCALE 1/8"=1'-0"

—SHINGLE ROOF —PTD. WD. TRIM PTD. WD. SIDING (E) WINDOW(S) TO BE REMOVED - SEE 1+2/A2.2 FOR ADDITIONAL INFORMATION. (E) DOOR TO BE REMOVED - SEE 1+2/A2.2 FOR ADDITIONAL INFORMATION. PTD. STUCCO

EXISTING SOUTH ELEVATION

SCALE 1/8"=1'-0"

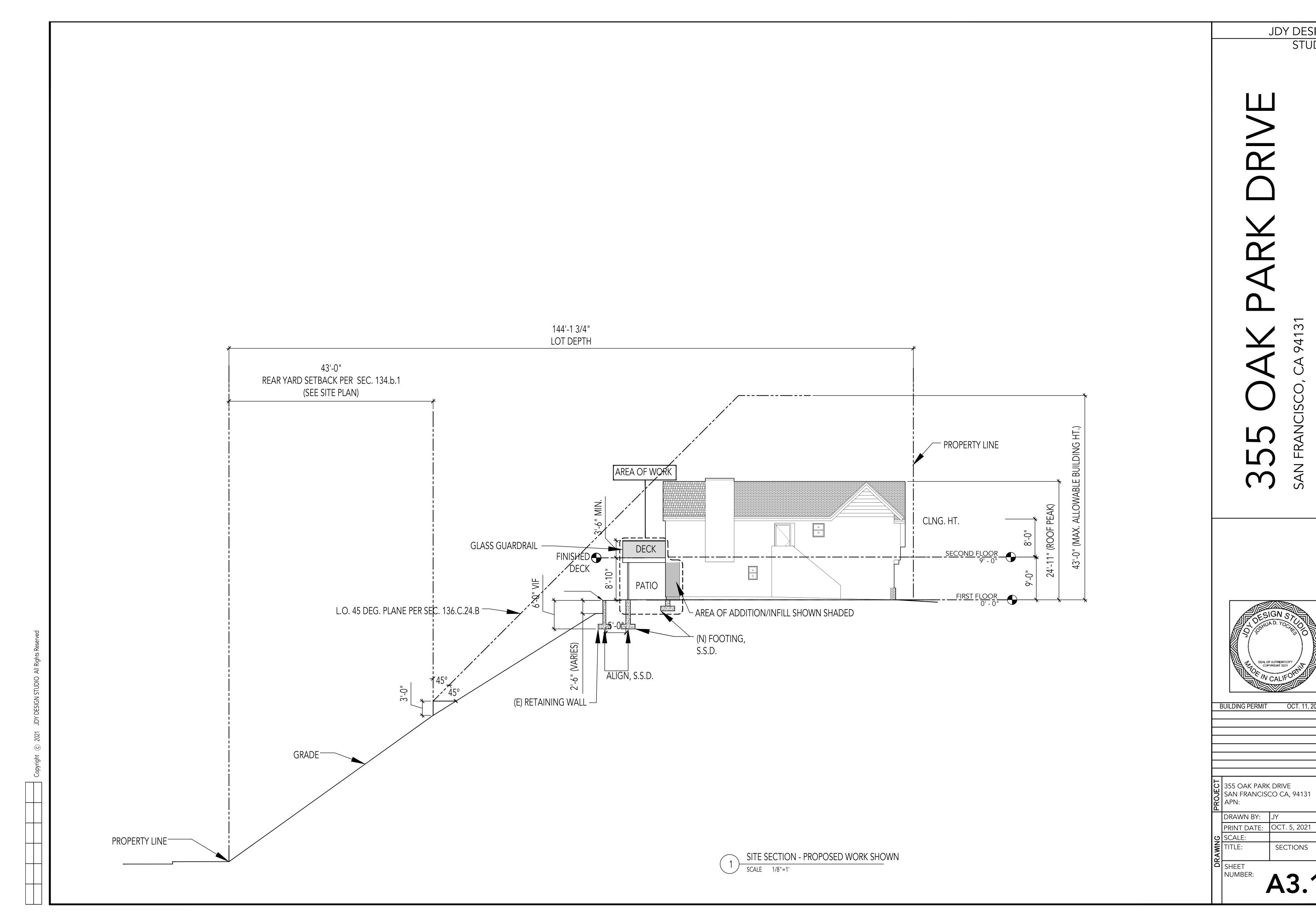




JDY DESIGN STUDIO

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PRINT DATE: OCT. 5, 2021 PROPOSED ELEVATIONS



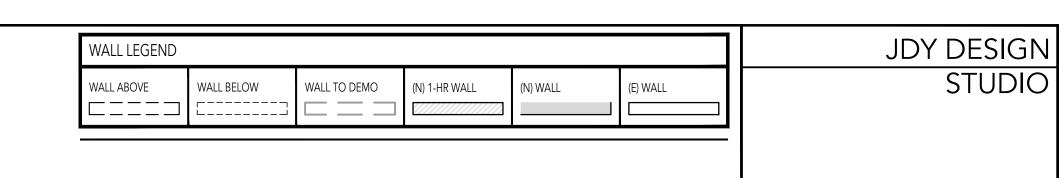
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STUDIO

PRINT DATE: OCT. 5, 2021 SECTIONS

DRAWN BY: JY

BUILDING PERMIT OCT. 11, 2021







BUILDING PERMIT OCT. 11, 2021

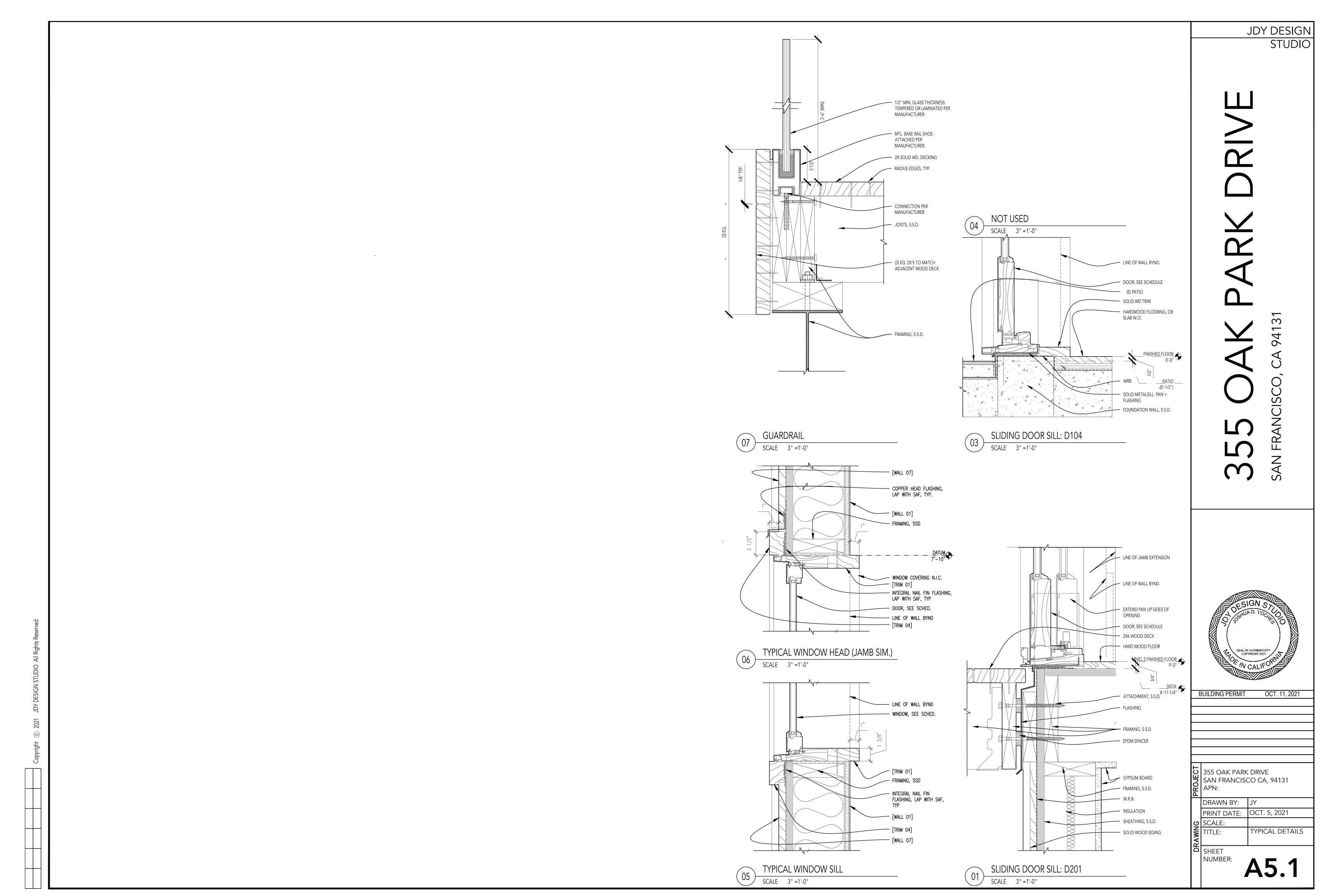
355 OAK PARK DRIVE SAN FRANCISCO CA, 94131 APN:

DRAWN BY: JY PRINT DATE: OCT. 5, 2021 SCALE:
TITLE: ENLARGED PLANS SHEET NUMBER:

6'-11" 4'-5" TOILET 3'-2" (2' MIN.) 6'-6" 2'-8" 9-8 SHOWER CONTROLS TOILET 3'-3" 1'-6" (24" MIN.) 2 ENLARGED PLAN @ HALF BATH 104

SCALE 1/2"=1' ENLARGED PLAN @ BATH 103

SCALE 1/2"=1'



JDY DESIGN

355 OAK PARK DRIVE



BUILDING PERMIT OCT. 11, 2021

355 OAK PARK DRIVE SAN FRANCISCO CA, 94131 APN:

DRAWN BY: JY
PRINT DATE: OCT. 5, 2021

SCALE:
TITLE: DOOR + WINDOW

SHEET NUMBER:

A6.

SCHEDULES

STUDIO

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W CALIFORNIA

BUILDING PERMIT OCT. 11, 2021

355 OAK PARK DRIVE SAN FRANCISCO CA, 94131 APN:

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	PRINT DATE:	OCT. 5, 2021
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SHEET NUMBER: A6.2

	ALL SINKS TO	HAVE OVERFLOW. AL	L FIXTURES TO COMPLY	WITH CAL-GREEN BUILDIN	IG EFFICIENCY STAP	NDARDS.
→	ARROW INDICA	ATES ITEM PENDING	CLIENT APPROVAL, SEE	PLANS & INTERIOR ELEVA	TIONS FOR REFEREN	ICE TAGS
*	ARROW INDICA	ATES OWNER PROVID	DED, CONTRACTOR INSTA	ALLED ITEM		
	OWNER PROVIDED	ITEM	MANUFACTURER	SPECIFICATION	FINISH	REMARKS
ATH	IROOM	103				
→	*	EXHAUST FAN	PANASONIC	WHISPERCEILING FV- 11VQ5 (OR EQUAL)	WHITE	110 CFM CEILING MOUNTED FAN
\rightarrow	*	TOILET	TOT0	AQUIA-II CST416M	WHITE	WITH DUAL FLUSH. WITH ELONGATED FRONT BOWL # CT416
\rightarrow	*	FAUCET	HANSGROHE	10111001	CHROME	AXOR-STARCK SINGLE HOLE FAUCET 1.2 GPM
\rightarrow	*	SINK	KOHLER	K-2330	WHITE	UNDER-MOUNT SINK W/ OVERFLOW
→	*	SHOWER HEAD	HANSGROHE	4970000	CHROME	1.8 GPM WITH 65 CM SHOWER BAR
\rightarrow	*	SHOWER MIXER	HANSGROHE	10407001	CHROME	AXOR STARCK TRIM. TEMPERATURE AND ON/OFF FOR ONE OUTLET
\rightarrow	*	TP HOLDER	TBD	TBD	TBD	
\rightarrow	*	TOWEL BAR	TBD	TBD	TBD	
\rightarrow	*	ROBE HOOKS (X2)	TBD	TBD	TBD	
IALF	BATH '	104				
→	*	EXHAUST FAN	PANASONIC	WHISPERCEILING FV- 11VQ5 (OR EQUAL)	WHITE	110 CFM CEILING MOUNTED FAN
\rightarrow	*	TOILET	TOT0	AQUIA-II CST416M	WHITE	WITH DUAL FLUSH. WITH ELONGATED FRONT BOWL # CT416
\rightarrow	*	FAUCET	HANSGROHE	10111001	CHROME	AXOR-STARCK SINGLE HOLE FAUCET 1.2 GPM
\rightarrow	*	SINK	KOHLER	K-2330	WHITE	UNDER-MOUNT SINK W/ OVERFLOW
\rightarrow	*	TP HOLDER	TBD	TBD	TBD	
<u></u>	*	TOWEL BAR	TBD	TBD	TBD	
AUN	IDRY 10	5				
\rightarrow	*	EXHAUST FAN	PANASONIC	WHISPERCEILING FV- 11VQ5 (OR EQUAL)	WHITE	110 CFM CEILING MOUNTED FAN
\rightarrow	*	WASHER	MAYTAG	MHW663OH	WHITE	4.8 CU. FT. FRONT LOAD WASHER - STACKABLE.
\rightarrow	*	DRYER	MAYTAG	MED563OH	WHITE	7.3 CU. FT. FRONT LOAD ELECTRIC DRYER - STACKABLE.

[01] ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE 2019CALIF. ELECTRICAL CODE (CEC) AND STATE OF CALIF. ENERGY USE STANDARDS, TITLE-24 PART 6. REFER TO THE TITLE-24 ENERGY COMPLIANCE DOCUMENTATION FOR SPECIFIC REQUIREMENTS.

[02] ALL ELECTRICAL SYSTEMS (INCL. LOW VOLTAGE) SHALL BE DESIGN/BUILD BY THE ELECTRICAL SUBCONTRACTOR. [03] CONTRACTOR TO EVALUATE EXISTING UTILITY LINES FOR SERVICE CAPACITY. CONSULT WITH OWNERS IF UPGRADING IS RECOMMENDED.

[05] PROVIDE COPIES OF CUTSHEETS, NEATLY BOUND IN THREE RING BINDERS, FOR ALL EQUIP. INSTALLED IN PROJECT. INSTRUCT OWNERS ON OPERATION OF ALL EQUIP. [15] ELECTRICAL PANELS SHALL BE READILY ACCESSIBLE AND SHALL NOT BE LOCATED IN BATHROOMS OR IN THE VICINITY OF EASILY IGNITABLE MATERIALS. PROVIDE 3 FEET WIDE BY 3' DEEP AND

MINIMUM 6 1/2 FEET HIGH CLEARANCE IN FRONT OF ELECTRICAL PANELS. [16] ALL ELECTRICAL EQUIPMENT, METAL BOXES, COVER PLATES, AND PLASTER RINGS SHALL BE GROUNDED.

POWER REQUIREMENTS

ELECTRICAL NOTES

- A MINIMUM OF TWO (2) 20 AMP DEDICATED CIRCUITS SHALL BE PROVIDED FOR COUNTER RECEPTACLES.

[04] ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED AND USED IN ACCORDANCE WITH THE LISTING REQUIREMENTS AND MANUFACTURERS INSTRUCTIONS.

- ISLAND/PENINSULAS GREATER THAN 12" DEPTH X 24" WIDTH MUST HAVE AT LEAST ONE ELECTRICAL OUTLET.

- COUNTER RECEPTACLES SHALL BE INSTALLED SUCH THAT THERE SHALL BE NOT MORE THAN 24" TO A COUNTER RECEPTACLE FROM ANY POINT ON THE COUNTER. - ALL COUNTERTOP RECEPTACLES SHALL BE GROUND FAULT TYPE (GFCI).

02] DUPLEX WALL OUTLETS SHALL BE DESIGNED TO COMPLY WITH SEC 210.50 OF CEC. RECEPTACLES SHALL BE INSTALLED SO THAT NO POINT MEASURED HORIZONTALLY ALONG THE FLOOR LINE OF ANY WALL SPACE IS MORE THAN 6 FEET FROM A RECEPTACLE OUTLET.

[03] ALL 125-VOLT, 15 AND 20 AMPERE RECEPTACLE OUTLETS SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES PER CEC 406.11. [04] ALL 125-VOLT SINGLE PHASE 15 AND 20 AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS IN (DWELLING UNIT) BATHROOMS, GARAGE AND ACCESSORY BUILDINGS, OUTDOORS, CRAWL SPACES, UNFINISHED BASEMENTS, KITCHENS (WHERE RECEPTACLE IS SERVING A COUNTERTOP SURFCE, LAUNDRY ROOMS, UTILITY ROOMS, SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION

(GFCI) PER CEC 210.8(A). [05] ALL 120-VOLT SINGLE PHASE 15 AND 20 AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS IN (DWELLING UNIT) FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR, ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER (AFCI) COMBINATION TYPE

INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT PER CEC 210.12(B). [09] ALL RECEPTACLES TO BE ORIENTED VERTICALLY AND GANGED TOGETHER WHERE APPROPRIATE

[11] ALL WEATHERPROOF OUTLETS AT CELLAR AND EXTERIOR ARE TO BE GFCI PROTECTED PER CEC 210.8(A).3

[12] PROVIDE A MINIMUM OF (2) SEPARATE, DEDICATED 20 AMP CIRCUITS IN KITCHEN, PANTRY AND DINING ROOM AND (1) IN LAUNDRY, BATHROOMS, AND (1) SEPARATE INDIVIDUAL BRANCH CIRCUIT FOR HEATING EQUIPMENT.

[10] ALL (N) APPLIANCES TO HAVE DEDICATED CIRCUIT AS RECOMMENDED BY MFR. [14] PROVIDE READILY ACCESSIBLE ELECTRICAL DISCONNECT AT EXTERIOR IF STRUCTURE IS TO BE SERVED BY A REMOTE OR DETACHED SERVICE. DISCONNECT MUST BE IDENTIFIED FOR FIRE-FIGHTING PERSONNEL, CONFIRM LOCATION WITH ARCHITECT.

01] ALL LIGHTING CONTROLS PADDLE/ROCKER TYPE (W/ DIMMER SLIDE WHERE APPLICABLE), WITH SNAP-ON TYPE WALL PLATES; COLOR: [WHITE] ON LIGHT COLORED SURFACES, [BLACK] ON DARK OR CLEAR FINISH SURFACES. SEE COMPONENT SCHEDULE FOR MFR. VERIFY SELECTIONS WITH ARCHITECT BEFORE ORDERING. [02] CONTRACTOR TO SELECT DIMMER APPROPRIATE FOR LOAD TYPE. SEE LIGHTING SCHEDULE.

[03] SWITCHES ADJACENT TO DOORS SHALL BE 6" FROM FINISH JAMB TO CENTERLINE OF SWITCH, 48" AFF UNLESS OTHERWISE NOTED. GANG ALL ADJACENT SWITCHES IN A SINGLE SWITCH PLATE, HOWEVER NO MORE THAN 4 SWITCHES ARE TO BE LOCATED IN A SINGLE SWITCH PLATE. SWITCHES CONTROLLING EXTERIOR LIGHTING ARE TO BE LOCATED IN A SEPARATE SWITCH PLATE/GROUP

[04] LIGHTING FIXTURES IN TUB OR SHOWER ENCLOSURES OR OTHER WET/DAMP LOCATIONS SHALL BE LABELED "SUITABLE FOR DAMP LOCATIONS".

[05] FIXTURES INSTALLED IN INSULATED CEILINGS OR W/IN 1/2" OF COMBUSTIBLE MATERIALS SHALL BE APPROVED FOR INSULATION CONTACT AND LABELED 'IC TYPE'.

1061 KITCHEN: AT LEAST 50% OF THE INSTALLED WATTAGE MUST BE HIGH EFFICACY AND SWITCHED SEPARATELY FROM THE LOW EFFICACY LIGHTING. [07] BATHROOM: A MINIMUM OF ONE HIGH EFFICACY LUMINAIRE SHALL BE INSTALLED IN EACH BATHROOM, AND ALL OTHER LIGHTING INSTALLED IN EACH BATHROOM SHALL BE HIGH EFFICACY OR

[08] UTILITY ROOMS: ALL HARDWIRED LIGHTING IN GARAGES, LAUNDRY ROOMS, UTILITY ROOMS AND CLOSETS >70 S.F. MUST BE HIGH EFFICACY AND BE CONTROLLED BY A VACANCY SENSOR. [09] OTHER ROOMS: ALL HARDWIRED LIGHTING IN BEDROOMS, HALLWAYS, STAIRS, DINING ROOMS AND ALL OTHER ROOMS IS TO BE HIGH EFFICACY OR CONTROLLED BY MANUAL-ON OCCUPANT

[10] OUTDOOR LIGHTING: ALL OUTDOOR LIGHTING ATTACHED TO BUILDING IS TO BE HIGH EFFICACY OR CONTROLLED BY A MOTION SENSOR AND PHOTO CONTROL. LOCATION AND TYPE OF MOTION AND PHOTO-SENSOR CONTROLS TO BE VERIFIED WITH ARCHITECT.

01] PROVIDE (N) SMOKE ALARMS W/IN 12" OF CEILING WITHIN ALL SLEEPING ROOMS AND IN CORRIDORS GIVING ACCESS TO EACH SEPARATE SLEEPING AREA. PROVIDE ONE SMOKE DETECTOR MINIMUM AT EACH FLOOR LEVEL INCLUDING BASEMENTS. REVIEW LOCATIONS WITH ARCHITECT IN FIELD PRIOR TO ORDERING OR INSTALLING.

[02] IN NEW CONSTRUCTION AND IN EXISTING CONSTRUCTION WHERE ACCESSIBLE, SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND SHALL BE EQUIPPED WITH BATTERY BACK-UP. CARBON MONOXIDE ALARM REQUIREMENTS

1011 CARBON MONOXIDE ALARMS SHOULD BE PLACED OUTSIDE OF EACH SEPARATE DWELLING UNIT SLEEPING AREA IN THE IMMEDIATE VICINITY OF BEDROOMS AND ON THE ENTRY LEVEL OF EVERY

[02] IN NEW CONSTRUCTION AND IN EXISTING CONSTRUCTION WHERE ACCESSIBLE, CM ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND SHALL BE EQUIPPED WITH BATTERY BACK-UP.

MECHANICAL / HVAC NOTES

[01] ALL WORK SHALL BE IN ACCORDANCE WITH THE 2019 CALIF. MECHANICAL CODE (CMC) AND STATE OF CALIF. ENERGY USE STANDARDS, TITLE-24. REFER TO THE TITLE-24 ENERGY COMPLIANCE DOCUMENTATION FOR SPECIFIC REQUIREMENTS.

[02] ALL MECHANICAL SYSTEMS SHALL BE DESIGN/BUILD BY THE MECHANICAL SUBCONTRACTOR. [03] PROVIDE COPIES OF CUTSHEETS, NEATLY BOUND IN THREE RING BINDERS, FOR ALL EQUIP. INSTALLED IN PROJECT. INSTRUCT OWNERS ON OPERATION OF ALL EQUIP.

[04] CONTRACTOR TO IDENTIFY CONFLICTS WITH PROPOSED MECHANICAL PLAN AND EXISTING CONDITIONS AND REVIEW WITH ARCHITECT IN FIELD, PRIOR TO INSTALLATION.

[05] LOCATION, DISTRIBUTION AND TYPE OF HEATING REGISTERS, AIR RETURN GRILLES AND OTHER HVAC EQUIPMENT TO BE VERIFIED WITH ARCHITECT [06] CONTRACTOR TO REVIEW ALL DUCT RUNS WITH ARCHITECT IN FIELD, PRIOR TO INSTALLATION. DUCT RUNS SHALL BE CONCEALED AND AVOID ADDITION OF SOFFITS AND CHASES WHEREVER

[07] LOCATION OF THERMOSTAT CONTROLS TO BE VERIFIED WITH ARCHITECT.

[08] THERMOSTATS SHALL BE ELECTRONIC, 7-DAY PROGRAMMABLE TYPE WITH AUTOMATIC TEMPERATURE SETBACK (ADJUSTABLE), HOLIDAY PROGRAMMING, ROOM TEMPERATURE DISPLAY, SETPOINT DISPLAY, AUTO-ON-OFF FAN SUB-BASE AND AUTO-HEAT-COOL-OFF SUB-BASE. [09] FURNACES SHALL BE CARRIER, TRANE, LENNOX OR APPROVED EQUAL. FOR FURNACES HAVING MULTI-SPEED FAN OPERATION, THE FURNACES SHALL BE SELECTED TO ACHIEVE FULL DESIGN AIR

FLOW WHILE OPERATING AT THE SECOND HIGHEST SPEED SETTING (RATHER THAN AT THE HIGHEST SPEED SETTING) [10] THE AIR SYSTEMS SHALL BE BALANCED TO ASSURE PROPER AIR DISTRIBUTION TO EACH DIFFUSER AND FROM EACH RETURN GRILLE.

[11] TEST AND ADJUST ALL SYSTEMS, CONTROLS AND COMPONENTS TO ASSURE PROPER OPERATION.

[12] ALL SUPPLY DIFFUSERS SHALL HAVE OPPOSED BLADE DAMPERS WITH ADJUSTMENT LEVER AT FACE. SUPPLY DIFFUSERS AND RETURN GRILLES SHALL BE SELECTED BASED ON ASHRAE STANDARD 70-1991 TEST DATA. NOISE CRITERIA RATINGS FOR SUPPLY DIFFUSERS AND RETURN GRILLES SHALL NOT EXCEED NC 20, FACE VELOCITY SHALL NOT EXCEED 450 FEET PER MINUTE. DIFFUSERS SHALL BE SELECTED TO PROVIDE EVEN AIR DISTRIBUTION. VERIFY LOCATION/FINISH W/ ARCHITECT PRIOR TO INSTALL.

[13] BOOTS FOR FLOOR SUPPLY REGISTERS SHALL BE SHEET METAL WITH TAPERED SQUARE TO ROUND (PH-2) COLLAR CONNECTION. BOOTS SHALL BE WRAPPED WITH FIBERGLASS INSULATION. [14] VERIFY CLEARANCES FOR BOILERS, WATER HEATERS, & APPLIANCES PER MFR SPECIFICATIONS & INSTALL ACCORDINGLY.

15] HEATING AND COOLING EQUIPMENT LOCATED IN A GARAGE AND THAT GENERATES A GLOW, SPARK, OR FLAME CAPABLE OF IGNITING FLAMMABLE VAPORS SHALL BE INSTALLED WITH THE PILOT

AND BURNERS OR HEATING ELEMENTS AND SWITCHES A MINIMUM OF 18" ABOVE GARAGE FLOOR. [16] APPLIANCES LOCATED IN A GARAGES WAREHOUSES OR OTHER AREAS SUBJECT TO MECHANICAL DAMAGE SHALL BE GUARDED AGAIST SUCH DAMAGE BY BEING INSTALLED BEHIND PROTECTIVE BARRIERS OR BY BEING ELEVATED OR BY BEING LOCATED OUT OF THE NORMAL PATH OF VEHICLES.

VENTILATION NOTES

1] PROVIDE COMBUSTION AIR OPENINGS FOR WATER HEATERS, BOILERS, FURNACES, & OTHER GAS BURNING APPLIANCES IN ACCORDANCE WITH CMC CHAPTER 7, AND WITH MFR

12] PROVIDE EXHAUST VENTILATION TO THE OUTSIDE FROM ALL GAS BURNING APPLIANCES. THE VENT IS TO TERMINATE MIN. 4 FT FROM PROPERTY LINE.

3] BATHROOMS: ALL BATHROOMS CONTAINING BATHTUBS, SHOWERS, SPAS, OR SIMILAR BATHING FIXTURES SHALL BE MECHANICALLY VENTILATED IN ACCORDANCE WITH SEC. 403.7 OF CMC. FAN CAPACITY SHOULD EQUAL NO LESS THAN (1) CFM PER (1) SQFT. OF ROOM AREA W/ MINIMUM FAN SIZE OF 50 CFM. 04] KITCHENS: EVERY KITCHEN SHALL HAVE AN EXHAUST FAN TO THE OUTSIDE OF THE BUILDING WITH A MIN. SIZE OF 100 CFM PER SEC. 150 OF CAL ENERGY CODE.

1] ALL SPACE B/W THE BOTTOM OF THE FLOOR JOISTS AND THE EARTH UNDER ANY BUILDING SHALL HAVE A MINIMUM OF NOT LESS THAN (1) SQUARE FOOT OF VENTILATION FOR EACH 150 SQFT. JNDER FLOOR VENTS SHALL BE PROVIDED WITH VENTILATION OPENINGS THROUGH FOUNDATION WALLS OR EXTERIOR WALLS. OPENINGS SHALL BE LOCATED AS CLOSE TO CORNERS AS PRACTICAL AND SHALL PROVIDE CROSS VENTILATION. THE REQUIRED AREA OF SUCH OPENINGS SHALL BE APPROXIMATELY EQUALLY DISTRIBUTED ALONG THE LENGTH OF AT LEAST TWO OPPOSITE SIDES. 16] ALL ENCLOSED ATTIC SPACES SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN AND SNOW. BLOCKING HALL BE ARRANGED SO AS NOT TO INTERFERE WITH THE MOVEMENT OF AIR.

ALL ENCLOSED RAFTER SPACES FORMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF FRAMING MEMBERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN AND SNOW. BLOCKING SHALL BE ARRANGED SO AS NOT TO INTERFERE WITH THE MOVEMENT OF AIR.)8] PROVIDE A VENT FOR DOMESTIC CLOTHES DRYERS TO THE EXTERIOR OF THE BUILDING PER SEC. 503.4 OF CMC.

LUMBING NOTES

[01] ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE CURRENT (2019) CAL PLUMBING CODE (CPC).

02] CONTRACTOR TO IDENTIFY CONFLICTS WITH PROPOSED PLUMBING PLAN AND EXISTING CONDITIONS AND REVIEW WITH ARCH. IN FIELD, PRIOR TO CLOSE IN.

03] WATER DISTRIBUTION, DRAINAGE/VENT AND NATURAL GAS PIPING SYSTEMS SHALL BE DESIGN/BUILD BY THE PLUMBING SUBCONTRACTOR. [04] Provide Copies of Cutsheets, Neatly Bound in three ring binders, for all equip. Installed in project. Instruct owners on operation of all equip. [05] WATER DISTRIBUTION PIPING SHALL HAVE COMPLETE ACOUSTIC ISOLATION, INCLUDING ALL CLAMPS, PADS, ESCUTCHEONS, ANCHORS AND HANGERS WHERE PIPING PASSES THROUGH OR ATTACHES TO THE BUILDING STRUCTURE.

[06] PIPING SHALL BE INSULATED WITH MINIMUM R-8 INSULATION.

[07] DRAINAGE AND VENT SYSTEMS WITHIN THE BUILDING SHALL BE HUBLESS CAST IRON, INCLUDING ALL FITTINGS AND TRAPS. TRAPS SHALL BE SELF CLEANING TYPE [08] DRAINAGE AND VENT PIPING SHALL BE ISOLATED FROM THE BUILDING STRUCTURE TO MINIMIZE TRANSMISSION OF NOISE INTO THE STRUCTURE [09] PROVIDE NON-REMOVABLE BACKFLOW PREVENTION DEVICES ON ALL HOSE BIBS.

[10] NATURAL GAS PIPING SHALL BE SCHEDULE 40, SEAMLESS, BLACK STEEL.

[11] PROVIDE PRESSURE REGULATING VALVE FOR DOMESTIC WATER SYSTEM, VERIFY EXACT LOCATION IN FIELD WITH ARCHITECT.

[12] BATHTUB TRAPS SHALL BE RIGID TYPE CONNECTION.

[13] PROVIDE WATER HEATER PRESSURE/TEMP. RELIEF VALVE WITH DRAIN TO OUTSIDE OF BUILDING OR OTHER APPROVED LOCATION (CPC 608-6). NO PART OF DRAIN MAY BE INSTALLED WHERE IT WOULD BE SUBJECT TO FREEZING (CPC 608-5)

[15] ALL WATER HEATERS SHALL BE ANCHORED OR STRAPPED TO RESIST HORIZONTAL DISPLACEMENT DUE TO EARTHQUAKE MOTION. STRAPPING SHALL BE AT POINTS WITHIN THE UPPER ONE THIRD AND LOWER ONE THIRD OF VERTICAL DIMENSIONS. AT THE LOWER POINT, A MINIMUM DISTANCE OF FOUR INCHES SHALL BE MAINTAINED ABOVE THE CONTROLS WITH STRAPPING. [16] PROVIDE BACKFLOW PREVENTION VALVE ON MAIN SEWER CONNECTION & ON ALL POTABLE WATER.

VIICVI	/PI I IM/RIN	G CVMROI	LEGENID	

JGHTING F	IXTURES: SEE SCHEDULE THIS SHEET FOR FIXTURE SPECIFICATION	ONS
SYMBOL	TYPE	TYP LOCATION € U.O.N.
	RECESSED LED	
ф	WALL-MOUNTED	
-Ø-	PENDANT	
	TASK LIGHT FLUORESCENT	
SWITCHING	G / OUTLETS	•
φ	DUPLEX RECEPTACLE	12" AFF
$\mathbf{\Phi}_{GFI}$	GROUND FAULT INTERRUPTER	48" AFF
ФwР	WEATHERPROOF RECEPTACLE FOR EXTERIOR USE	24" AFF
₩	QUADRUPLEX RECEPTACLE	12" AFF
	DUPLEX FLOOR RECEPTACLE	
Ф	DEDICATED APPLIANCE CIRCUIT, VER. W/ MFR.	FIELD VERIFY
P	SWITCHED OUTLET	12" AFF
Ф220V	220V OUTLET	12" AFF
HJ	JUNCTION BOX	
•	AIR SWITCH	FIELD VERIFY
\$	SWITCH	48" AFF
\$ D	DIMMER SWITCH	48" AFF
\$ 3	3-WAY SWITCH	48" AFF
<u>\$</u> 3 □	3-WAY DIMMER SWITCH	48" AFF
\$ 4	4-WAY SWITCH	48" AFF
\$ <u>4</u>	4-WAY DIMMER SWITCH	48" AFF
\$ J	JAMB SWITCH	48" AFF
\$ MP	MOTION SENSOR AND PHOTO CONTROL	48" AFF
\$ Dvs	DIMMER WITH INTEGRAL VACANCY SENSOR	48" AFF
\$ _{FT}	FAN TIMER SWITCH	48" AFF
	CEILING-MOUNTED VACANCY SENSOR	
\$wmd	WIRELESS MULTI LOCATION MASTER DIMMER	48" AFF
\$wad	WIRELESS MULTI LOCATION ACCESSORY DIMMER	48" AFF
ACCESSOR	Y ITEMS	
₽	DOOR BELL	48" AFF
H KP	SECURITY KEYPAD	48" AFF
HD	DOOR OR GATE OPERATOR	
\mapsto	ANNUNCIATOR	
WB	WALL EXHAUST FAN	
CF	CEILING EXHAUST FAN	
Y	TELEPHONE JACK	12" AFF
<u> </u>	DATA JACK	12" AFF
HV	VIDEO DISPLAY	FILED VERIFY
SP	BLT-IN SPEAKERS	FILED VERIFY
СМ		
● SD	SMOKE DETECTOR	
<i></i>	TELECOMM PANEL	
<u> </u>	ELECTRICAL MAIN/SUB PANEL	
HVAC SYMI	I	
<u> </u>	HYDRONIC MANIFOLD	
 	THERMOSTAT	48" AFF
H_CP	CONTROL PANEL	48" AFF
\square	ALUM. WALL REGISTER, RETURN AIR	
	ALUM. WALL REGISTER, SUPPLY AIR	
M2		
M2 M3	WOOD FLOOR REGISTER, SUPPLY AIR WOOD FLOOR REGISTER, RETURN AIR	

→ DF DRINKING FOUNTAIN / SPIGOT

NATURAL GAS OUTLET

★ FIRE SPRINKLER HEAD

24" AFF

BUILDING SYSTEMS NARRATIVE

HVAC SYSTEM - HIGH EFFICIENCY ELECTRIC HEAT PUMP. DOMESTIC HOT WATER - ON DEMAND TYPE INSTANT GAS HEATER. POWER: PG&E. 200 AMP SERVICE

TELEPHONE: PROVIDER TBD **CABLE/INTERNET: PROVIDER TDB**

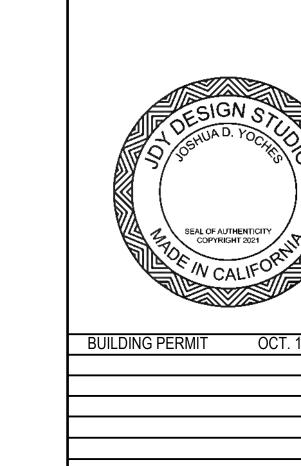
WATER/SEWER: SFPUC DOMESTIC WATER SUPPLY AND SEWER SERVICES WATER SOURCE: SFPUC DOMESTIC WATER SUPPLY AND SEWER SERVICES WATER TREATMENT: TBD

DRINKING WATER (AT KITCHEN): TREATED WITH REVERSE OSMOSIS UNDER COUNTER UNIT. SECURITY SYSTEM: FIRE & INTRUDER ALARM SYSTEM. OWNER PROVIDED. SCHEMATICS TBD.

M/E/P + SHEET NOTES

(01) LEVEL 1 PLAN SHOWN. NO NEW MECHANICAL/ELECTRICAL/POWER WORK PROPOSED AT LEVEL 2

TIE (N) SUPPLY AND RETURN AIR REGISTER LOCATIONS INTO (E) SYSTEM



LACOLLO	355 OAK PARK SAN FRANCISO APN:	
	DRAWN BY:	JY
	PRINT DATE:	OCT. 5, 2021
SAWING	SCALE:	
	TITLE:	LIGHTING PLANS
Į L		



PUBLIC COMMENT

369 OAK PARK DR., SAN FRANCISCO, CA 94131 (415) 806-6602

December 7, 2021

City and County of San Francisco Board of Appeals 49 South Van Ness, Suite 1475 San Francisco, CA 94103 boardofappeals@sgfov.org

RE: Notice of Appeal Hearing December 15, 2021, 5pm, Appeal No. 21-101; 355 Oak Park Drive New Deck Project Permit No. 2021/1014/0495

To Whom It May Concern:

I am writing to voice my extreme objection to the 355 Oak Park Drive expansion project, primarily the 10-ft long protrusion of the upper-level deck from the rear of the building facade they plan to construct.

I am a 25-year resident of Forest Knolls, living at 369 Oak Park Drive, two doors down from this project, and I will be directly impacted by this out of character deck that they plan to install.

I request that the Board of Appeals refuse to approve the ten-ft protrusion of the upper rear deck for this project.

I am expressing my concerns as outlined below:

- 1. Loss of privacy for neighbors due to the 10-ft length protrusion of the upper rear deck. They would be able to see inside the private homes next door and nearby.
- Out of character with the neighborhood. There are no other upper decks of this size in our row of homes all along Oak Park Drive and this would stand out as an eyesore and ruin the character of the Forest Knolls neighborhood.
- 3. Obstruction of views of the natural hillside landscape and vegetation.
- 4. Setting precedence for other property owners to building large protruding upper rear decks, thereby impacting the privacy of individual homeowners and impacting the visual character of the neighborhood.

I propose a compromise by reducing the upper deck protrusion by 5 ft for a total upper deck extension length of 5 feet in lieu of the proposed 10 ft requested. Before we built our 5-ft upper-level balcony/deck, we worked very closely with our neighbors to justify a decent length that would be comfortable for them and be considerate of their privacy. We all agreed that 5 feet would be a realistic

length for both us and our neighbors. It provides both privacy for them, as well as a good size deck for us to enjoy our lifestyle. I do not believe the owners at 355 Oak Park contacted their neighbors in vicinity of their home prior to their remodeling project which has been ongoing for more than two years, nor prior to applying for this upper deck permit, nor even considered their neighbors' concerns.

I implore you to please reconsider approving this large 10-ft protrusion of the upper deck project and order them to compromise with a 5-ft upper deck instead.

Yours very truly,

James Jorgensen 369 Oak Park Drive SF, CA 94131

James Jorgensen

Longaway, Alec (BOA)

From: Jack Ostrofsky <jackieosf@gmail.com>
Sent: Monday, December 13, 2021 11:32 AM

To: BoardofAppeals (PAB)

Subject: Proposed deck at 355 Oak Park Drive

This message is from outside the City email system. Do not open links or attachments from untrusted sources.

My name is Jacob Ostrofsky, resident of 317 Oak Park Dr, San Francisco, CA 94131. I would like to go on record as having no objection to the proposed deck at 355 Oak Park Drive.

Thank you.