

City of Santa Clara

Meeting Agenda

Development Review Hearing

Wednesday, May 10, 2023

3:00 PM

Hybrid Meeting
City Hall Council
Chambers/Virtual
1500 Warburton Avenue
Santa Clara, CA 95050

The City of Santa Clara is conducting the Development Review Hearing meeting in a hybrid manner (in-person and method for the public to participate remotely)

• Via Zoom:

o https://santaclaraca.zoom.us/j/92950218717 or

o Phone: 1 (669) 900-6833

Meeting ID: 929 5021 8717

How to Submit Written Public Comment Before Development Review Hearing Meeting: By email to PlanningPublicComment@santaclaraca.gov by 12 p.m. the day of the meeting. Those emails will be forwarded to the Staff and will be uploaded to the Development Review Agenda as supplemental meeting material. Emails received after 12:00 P.M. cutoff time up through the end of the on the meeting will form part of the meeting record. Please identify the Agenda Item Number in the subject line of your email.

Please note Emails received as public comment will not be read aloud during the meeting.

Agendas, Staff Reports and some associated documents for Development Review Hearing items may be viewed on the Internet at https://santaclara.legistar.com/Calendar.aspx

All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body will be available for public inspection at the Office of the City Clerk at Santa Clara City Hall, 1500 Warburton Avenue, Santa Clara, CA 95050 at the same time that the public records are distributed or made available to the legislative body.

PUBLIC PARTICIPATION IN ZOOM

Please follow the guidelines below when participating in a Zoom Webinar:

- The meeting will be recorded so you must choose 'continue' to accept and stay in the meeting.
- If there is an option to change the phone number to your name when you enter the meeting, please do so as your name will be visible online and will be used to notify you that it is your turn to speak.
- Mute all other audio before speaking. Using multiple devices can cause an audio feedback.
- Use the raise your hand feature in Zoom when you would like to speak on an item and lower when finished speaking. Press *9 to raise your hand if you are calling in by phone only.
- Identify yourself by name before speaking on an item.
- Unmute when called on to speak and mute when done speaking. If there is background noise coming from a participant, they will be muted by the host. Press *6 if you are participating by phone to unmute.
- If you no longer wish to stay in the meeting once your item has been heard, please exit the meeting.

CALL TO ORDER AND ROLL CALL

23-611 Declaration of Procedures

REQUEST FOR EXCEPTIONS, WITHDRAWALS AND CONTINUANCES

PUBLIC PRESENTATIONS

[This item is reserved for persons to address the body on any matter not on the agenda that is within the subject matter jurisdiction of the body. The law does not permit action on, or extended discussion of, any item not on the agenda except under special circumstances. The governing body, or staff, may briefly respond to statements made or questions posed, and appropriate body may request staff to report back at a subsequent meeting.]

CONSENT CALENDAR

Consent Calendar items may be enacted, approved, or adopted by the action of the Development Review Hearing Officer unless requested to be removed by anyone for discussion or explanation. If any member of the staff, the applicant, or a member of the public wishes to comment on a Consent Calendar item, or would like the item to be heard on the regular agenda, please notify Planning staff, or request this action at the Development Review Hearing during the Consent Calendar review. Items listed on the Consent Calendar with associated file numbers constitute Public Hearing items.

1.A 23-545

366 square foot Action the construction of a Accessory Dwelling Unit (ADU) within the rear vard building setback area of a single-family residence located at 3849 De La Cruz Boulevard. (CEQA: Exempt. Section 15301(e) (1) Existing Structures)

Recommendation: Use of a CEQA Categorical Exemption Section 15301(e) (1) Existing Structures and Approve the attached accessory dwelling unit within the rear setback of a single-family residence, subject to conditions.

1.B 23-555

982 square-foot second story addition. Action on squarefoot first floor addition, and 1.030 square feet remodel. 1 Categorical (CEQA: Class Exemption 15301(e)(1) Existing Facilities)

Recommendation: Approve the 982 square feet second story addition, 238 square feet first floor addition, and 1,030 square feet remodel of the existing residence at 74 Woodhams Road, subject to conditions.

1.C 23-560 Action on a 594 square foot first floor addition and a 271 square-foot second floor addition to an existing two-story residence resulting in 3,274 square-foot two-story residence at (CEQA: Categorical 462 Muriel Court Exemption, 15301 (e)(1), **Existing Facilities**)

Recommendation: Use of a Categorical Exemption per CEQA 15301 (e) (1), Existing Facilities and Approve the 594 square foot first floor addition, and 271 second floor addition to an existing two-story residence resulting in a 3,274 square foot 5-bedroom, 4.5-bathroom two-story residence at 462 Muriel Court, subject to conditions.

GENERAL BUSINESS

The following items from this Development Review Hearing agenda will be scheduled for further review following the conclusion of hearings and recommendations by the Development Review Hearing. Please contact the Planning Division office for information on the schedule of hearings for these items.

2. 23-529 Action on a proposed 822 square-foot first and second floor addition to an existing one-story single-family residence located at 3876 Baldwin Drive. (CEQA: Exempt Section 15301-Existing Facilities)

Recommendation: Redesign the proposed project to lower the front porch entry feature by at least a foot in conformance with the Single-Family Residential Design Guidelines and resubmit for architectural approval, subject to conditions of approval.

3. 23-546 Action on a 466 square-foot front addition that would expand a single-family residence resulting in five bedrooms. (CEQA: Exempt, Section 15301(e) (1) Existing Structures)

Recommendation: Redesign the front porch of the proposed addition consistent with the Single-Family Design Guidelines.

4. 23-589 Action on the conversion of a garage to a fourth bedroom and the construction of a new two-story garage with attic space at an existing single-family residence at 4628 Demaret Avenue.

(CEQA: Exempt, Section 15301 (e)(3) New Construction or Conversion of small structures). Continued from April 19, 2023

Development Review Hearing:

Recommendation: Redesign the second story of the proposed addition consistent with the Single-Family Design Guidelines.

ADJOURNMENT

The next regular scheduled meeting is on Wednesday, June 7, 2023 at 3 p.m.

MEETING DISCLOSURES

The time limit within which to commence any lawsuit or legal challenge to any quasi-adjudicative decision made by the City is governed by Section 1094.6 of the Code of Civil Procedure, unless a shorter limitation period is specified by any other provision. Under Section 1094.6, any lawsuit or legal challenge to any quasi-adjudicative decision made by the City must be filed no later than the 90th day following the date on which such decision becomes final. Any lawsuit or legal challenge, which is not filed within that 90-day period, will be barred. If a person wishes to challenge the nature of the above section in court, they may be limited to raising only those issues they or someone else raised at the meeting described in this notice, or in written correspondence delivered to the City of Santa Clara, at or prior to the meeting. In addition, judicial challenge may be limited or barred where the interested party has not sought and exhausted all available administrative remedies.

If a member of the public submits a speaker card for any agenda items, their name will appear in the Minutes. If no speaker card is submitted, the Minutes will reflect "Public Speaker."

In accordance with the requirements of Title II of the Americans with Disabilities Act of 1990 ("ADA"), the City of Santa Clara will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities, and will ensure that all existing facilities will be made accessible to the maximum extent feasible. The City of Santa Clara will generally, upon request, provide appropriate aids and services leading to effective communication for qualified persons with disabilities including those with speech, hearing, or vision impairments so they can participate equally in the City's programs, services, and activities. The City of Santa Clara will make all reasonable modifications to policies and programs to ensure that people with disabilities have an equal opportunity to enjoy all of its programs, services, and activities.

Agendas and other written materials distributed during a public meeting that are public record will be made available by the City in an appropriate alternative format. Contact the City Clerk's Office at 1 408-615-2220 with your request for an alternative format copy of the agenda or other written materials.

Individuals who require an auxiliary aid or service for effective communication, or any other disability-related modification of policies or procedures, or other accommodation, in order to participate in a program, service, or activity of the City of Santa Clara, should contact the City's ADA Coordinator at 408-615-3000 as soon as possible but no later than 48 hours before the scheduled event.



City of Santa Clara

1500 Warburton Avenue Santa Clara, CA 95050 santaclaraca.gov @SantaClaraCity

Agenda Report

23-611 Agenda Date: 5/10/2023

REPORT TO DEVELOPMENT REVIEW HEARING

SUBJECT

Declaration of Procedures



DEVELOPMENT REVIEW HEARING DECLARATION OF PROCEDURES

The Hearing Officer for this agenda will be Planning Manager Lesley Xavier onbehalf of and delegated by the Director of Community Development Andrew Crabtree.

The hearing procedure and order of input will be as follows:

- 1. Each project will be identified as described on the agenda.
- 2. For those items on the Consent Calendar, the Hearing Officer will ask if anyone wishes to speak on the item. If a separate discussion is warranted, the item will be moved to the Public Hearing portion of the agenda. If a separate discussion is not needed, the item will remain on the Consent Calendar for approval.
- 3. For those items listed under Public Hearing, staff will provide a brief report.
- 4. The applicant or their representative will have up to five minutes to speak at the microphone and should identify themselves by stating their name for the record.
- 5. After the applicant or their representative has spoken, any member of the public who wishes to speak on the item may provide testimony, up to two minutes per speaker, either for or against the project. All speakers are required to state their name for the record.
- 6. Following comments from the public, the applicant may make additional remarks for up to five minutes.
- 7. The Hearing Officer will then close the public hearing, and may ask staff to answer questions, respond to comments made by the applicant or the public, or further discuss the item. The Hearing Officer will then take action on the item.

If you challenge these land use decisions in court, you may be limited to raising only those issues you or someone else raised at this public hearing or in written correspondence delivered to the City at, or prior to, the public hearing.

The Hearing Officer's actions on agenda items are final unless appealed within seven calendar days.



City of Santa Clara

1500 Warburton Avenue Santa Clara, CA 95050 santaclaraca.gov @SantaClaraCity

Agenda Report

23-545 Agenda Date: 5/10/2023

REPORT TO DEVELOPMENT REVIEW HEARING

SUBJECT

Action on the construction of a 366 square foot attached Accessory Dwelling Unit (ADU) within the rear yard building setback area of a single-family residence located at 3849 De La Cruz Boulevard. (CEQA: Exempt, Section 15301(e) (1) Existing Structures)

File No.(s): PLN23-00143

Location: 3849 De La Cruz Boulevard a 6,442 square foot lot located at the northeast corner of

De La Cruz Avenue and Oakwood Drive, APN: 101-25-006; property is zoned Single

Family Residential (R1-6L).

Applicant: James Watson **Owner**: Nic Joseph

Request: Architectural Review to allow for the construction of a 366 square foot attached

Accessory Dwelling Unit (ADU) in the rear building setback area.

Project Data

The Project Data Table is included as Attachment 2.

Points for Consideration

- The project includes a one-story 366 square foot attached rear accessory dwelling unit to be located 10 feet from the rear property line.
- The proposed accessory dwelling unit is a studio with one bathroom.
- Windows of the ADU are consistent with the City's Single-Family Residential Design Guidelines in that the window style and proportion are similar to the existing architectural style of the building.
- The proposed project complies with the R1-6L zoning district development standards for new construction; is generally consistent with the Single-Family Residential Design Guidelines; and is generally compatible with neighboring homes along the streetscape.
- A neighborhood notice was distributed to properties within a 300-foot radius of the subject site for this project review.
- There are no active code enforcement cases for this property.

Findings

- 1) That any off-street parking area, screening strips and other facilitates and improvements necessary to secure the purpose and intent of this title and the general plan of the City area a part of the proposed development, in that;
 - Additional off-street parking is not required for the construction of an ADU.
 - The proposed ADU would not remove any off-street parking on the property.

23-545 Agenda Date: 5/10/2023

2) That the design and location of the proposed development and its relation to neighboring developments and traffic is such that it will not impair the desirability of investment or occupation in the neighborhood, will not unreasonably interfere with the use and enjoyment of neighboring developments, and will not create traffic congestion or hazard, in that;

- The proposed accessory dwelling unit would not create traffic congestion or hazards.
- Public streets are adequate in size and design to serve the proposed accessory dwelling unit, and the use will not create a substantive increase in traffic.
- 3) That the design and location of the proposed development is such that it is in keeping with the character of the neighborhood and is such as not to be detrimental to the harmonious development contemplated by this title and the general plan of the City, in that;
 - The proposed ADU has a rear setback of 10 feet, which is located within the 20-foot required rear setback area for the principle single-family unit.
 - The ADU is proposed to have a similar design and characteristics as other dwelling units in the surrounding neighborhood.
- 4) That the granting of such approval will not, under the circumstances of the particular case, materially affect adversely the health, comfort or general welfare of persons residing or working in the neighborhood of said development, and will not be materially detrimental to the public welfare or injuries to property or improvements in said neighborhood, in that;
 - The project is subject to the California Building Code and City Code requirements, which serve to regulate new construction to protect public health, safety and general welfare.
- 5) That the proposed development, as set forth in the plans and drawings, are consistent with the set of more detailed policies and criteria for architectural review as approved and updated from time to time by the City Council, which set shall be maintained in the planning division office. The policies and criteria so approved shall be fully effective and operative to the same extent as if written into and made a part of this title, in that;
 - The project proposes a residential design that is compatible in scale and character with the housing types that are typical in the neighborhood as the proposed design of the accessory dwelling unit will have similar massing and height to other accessory dwelling units in the area.
 - The proposed project complies with the R1-6L zoning districts development standards for accessory dwelling units but requires approval for an attached accessory dwelling unit being placed within the rear 20-foot setback.

Conditions of Approval

- Permit Expiration. This Architectural Permit shall automatically be revoked and terminated if not used within two years of original grant or within the period of any authorized extensions thereof. The date of granting of this Permit is the date this Permit is approved by the Development Review Officer.
- 2) The garage shall be maintained clear and free for vehicle parking use at all times. It shall not be used only for storage.
- 3) Prior to the issuance of a Building Permit, the development of the site and all associated improvements shall conform to the approved plans with File No. **PLN23-00143**, on file with the

23-545 Agenda Date: 5/10/2023

- Community Development Department, Planning Division.
- 4) Landscaping installation shall meet City water conservation criteria in a manner acceptable to the Director of Community Development.
- 5) Maintain the front yard landscaping between the house and sidewalk. New landscape areas of 500 square feet or more or rehabilitated landscape areas of 2,500 square feet or more shall conform to the California Department of Water Resources Water Efficient Landscape Ordinance.
- 6) Developer/Owner is responsible for collection and pick-up of all trash and debris on-site and adjacent public right-of-way.
- 7) Construction activity shall be limited to the hours of 7:00 a.m. to 6:00 p.m. weekdays and 9:00 a.m. to 6:00 p.m. Saturdays for projects within 300 feet of a residential use and shall not be allowed on recognized State and Federal holidays.
- 8) Incorporate Best Management Practices (BMPs) into construction plans and incorporate post construction water runoff measures into project plans in accordance with the City's Urban Runoff Pollution Prevention Program standards prior to the issuance of permits.

ENVIRONMENTAL REVIEW

The proposed project is categorically exempt from the California Environmental Quality Act (CEQA) per CEQA Guidelines Section 15301(e) (1) Existing Structures, in that the project is a small accessory dwelling addition to the existing single-family residence.

PUBLIC CONTACT

On April 27, 2023, a notice of public hearing of this item was posted within 300 feet of the project site and mailed to property owners within 300 feet of the project site. Planning Staff has not received public comments for this application.

RECOMMENDATION

Use of a CEQA Categorical Exemption Section 15301(e) (1) Existing Structures and **Approve** the attached accessory dwelling unit within the rear setback of a single-family residence, subject to conditions.

Prepared by: Daniel Sobczak, Assistant Planner, Community Development Department Approved by: Lesley Xavier, Planning Manager, Community Development Department

ATTACHMENTS

- 1. Development Plans
- Project Data

General Notes:

- CONTRACTOR SHALL FIELD INSPECT JOB SITE PRIOR TO COMMENCEMENT OF WORK AND SHALL ADHERE TO ALL RULES GOVERNING CONSTRUCTION, SAFETY, BUILDING ACCESS, AND THE USE OF FACILITIES AS SET BY THE BUILDING OWNER, BUILDING DEPARTMENT, FIRE DEPARTMENT AND STATE AUTHORITIES.
- 2. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOS SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK, THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE IMPTED TO ADMIAL WORKING HOURS.
- 3. ALL MECHANICAL, ELECTRICAL, PLUMBING WORK AND ENGINEERING IS DESIGNATED TO BE "DESIGN BUILD" AND IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND HIS ASSIGNED DESIGN BUILD SUB-CONTRACTORS. THEY ARE THEREBY IN SOLE CHARGE OF DESIGN ENGINEERING, PERMITS, FEES, CALCULATIONS, REPORTS, DRAWINGS, ETC. REQUIRED BY LOCAL AND ALL OTHER GOVERNING AGENCIES FOR THE WORK SO DESIGNATED.
- THE CONTRACTOR AND ALL SUB-CONTRACTORS AGREES TO DEFEND,
 INDEMNIFY AND HOLD THIS DESIGN PROFESSIONAL HARMLESS FROM
 ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE
 PERFORMANCE OF ALL WORK ON THIS PROJECT EXCEPTING LIABILITY
 ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN
 PROFESSIONAL
- CONTRACTOR SHALL NOTIFY DESIGN PROFESSIONAL OF ANY DISCREPANCIES ENCOUNTERED ON THE DRAWNINGS. SUCH DISCREPANCIES SHALL BE RESOLVED TO THE SATISFACTION OF THE DESIGN PROFESSIONAL PRIOR TO THE START OF THE AFFECTED WORK.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION ALL
 SUB-CONTRACTORS TO ENSURE A TIMELY COMPLETION OF THE JOB.
 NO ALLOWANCE SHALL BE MADE FOR INCREASED COSTS INCURRED
 DUE TO LACK OF PROPER COORDINATION.
- 7. GENERAL AND ALL SUB-CONTRACTORS ARE RESPONSIBLE FOR INSPECTING THE PREMISES DURING ANY BIDDING/CONTRACT NEGOTIATIONS TO ASCERTIAN EXISTING CONDITIONS WHICH MIGHT AFFECT THE COST OR SCHEDULE OF CONSTRUCTION. DISCREPANCIES ANDIOR CONFLICTS SHALL BE REPORTED TO THE OWNER AND THE DESIGN PROFESSIONAL BEFORE SUBMITTING BIDS OR CONCLUSION OF ANY CONTRACT NEGOTIATIONS.
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING LOCATION
 OF ALL LITTLITIES PRIOR TO EXCAVATION AND/OR DEMOLITION
- OF ALL UTILITIES PRIOR TO EXCAVATION ANDIOR DEMOLITION,
 9. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO
 PROPERTY OR CONSTRUCTION RESULTING FROM WORK PERFORMED
 BY CONTRACTOR ANDIOR SUB-CONTRACTORS, AND SHALL REPAIR ALL
 SUICH DAMAGE TO ORIGINAL CONDITION AT NO ADDITIONAL COST
- 10. GENERAL CONTRACTOR SHALL BE SOLIELY RESPONSIBLE FOR EXECUTION OF WORK IN ACCORDANCE WITH CONSTRUCTION DOCUMENTS. BIDDING ON DOCUMENTS IS CONSIDERED ACCEPTANCE OF ALL NOTES AND INFORMATION HEREIN. 11. THESE CONSTRUCTION DOCUMENTS ARE PROVIDED TO ILLUSTRATE
- THE DESIGN AND GENERAL TYPE OF CONSTRUCTION DESIRED AND TO
 IMPLY THE FINEST QUALITY OF CONSTRUCTION, MATERIAL ANDIOR
 WORKMANSHIP THROUGHOUT. THE GENERAL CONTRACTOR, IN
 ASSUMING RESPONSIBILITY FOR THE WORK INDICATED, SHALL
 COMPLY WITH THE SPIRIT AS WELL AS THE LETTER IN WHICH THEY
 WERE WRITTEN.
- 12. THE GENERAL CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DOCUMENTS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION FOR USE OF ALL TRADES, AND SHALL PROVIDE ALL SUBCONTRACTORS WITH CURRENT CONSTRUCTION DOCUMENTS AS REQUIRED.
- 13. ALL WORK LISTED, SHOWN OR IMPLIED ON ANY CONSTRUCTION DOCUMENT SHALL BE SUPPLIED AND INSTALLE BY THE GENERAL CONTRACTOR EXCEPT WHERE NOTED OTHERWISE. THE GENERAL CONTRACTOR SHALL CLOSELY COORDINATE HIS WORK WITH THAT OF OTHER CONTRACTORS OF WENDORS TO ASSUME THAT ALL SCHEDULES ARE MET AND THAT ALL WORK IS DONE IN CONFORMANCE WITH MANUFACTURERS REQUIREMENTS.
- 14. THE GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AS REQUESTED FOR FABRICATED ITEMS TO THE DESIGN PROFESSIONAL FOR APPROVAL PRIOR TO INSTALLATION.
- 15. GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL CONFINE OPERATIONS TO AREAS AND TIMES OF OPERATION PERMITTED PERMITTED BY LAW, ORDINANCES, PERMITS AND THE CONTRACT DOCUMENTS AND SHALL NOT UNREASONABLY ENCUMBER THE SITE WITH ANY MATERIAL ANDOR EQUIPMENT.

Joseph Residence ADU

Niv Joseph & Alyssa Hoehn 3849 De La Cruz Blvd Santa Clara, CA 95040 CONTACT: nivjoseph@gmail.con alhoen@ucdavis.edu

PROJECT DESCRIPTION:

Construct 366 sq. ft. attached ADU addition at rear of home. New construction to be V-B.

SHEET INDEX:

SHEET NO.	DESCRIPTION
A 0.0	TITLE SHEET
	NOTES
	VICINITY MAP
	SITE PLAN
A 1.0	EXISTING/DEMO PLAN
	PROPOSED FLOOR PLAN
A 2.0	ELECTRICAL PLAN
A 3.0	PROPOSED ELEVATIONS
A 4.0	FOUNDATION PLAN
	BRACED WALL PLAN
	FOUNDATION DETAILS
A 5.0	ROOF FRAMING PLAN
	SECTIONS
	DETAILS
CG-1	CALGREEN REQUIREMENTS
CG-2	CALGREEN CHECKLIST
T24-1	TITLE 24
T24-2	TITLE 24

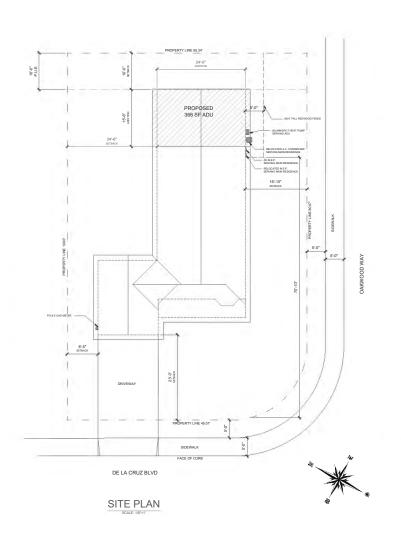
Property Data							
Address: 3849 De La Cruz, Santa Cla	в. CA 9505	i4	APN: 101-25-0	06			
Zoning: Lot Area: R-1-6L 5,442 SQ. FT.		I.			Construc V-B	Construction Type: V-B	
	ot Width:	5.3 FT.	Lot Depth:		Non-spri	nklered	
		Develop	pment Stand	ards			
Standard	E	cisting	Pro	posed		Required	
Setbacks:							
	First floor	Second floor	First floor	Second floor	First floor	Second floor	
Front	23.25 FT	N/A	23.25 FT	N/A	20 FT	N/A	
Rear	25.5 FT	N/A	10.0 FT	N/A	20 FT	N/A	
Side (Left)	8.4 FT	N/A	8.4 FT	N/A	5 FT	N/A	
Side (Right)	16.9 FT	N/A	16.9 FT	N/A	15FT	N/A.	
Lot Coverage	1,3	52.2 SF	1,69	1.2 SF	M/	X. 2,400 SF	
FAR		22%	3	26%)	MAX. 40%	
Square Footage:							
Main Residence Living Area	99	8.4 SF	99	8.4 SF			
Ge та де	32	6.8 SF	32	6.8 SF			
Addition			36	56 SF			
Accessory Buildings	N	ONE	N	ONE		NONE	

CODE COMPLIANCE:

2022 CBC, CRC, CMC, CPC, CFC, AND CEC, CALIFORNIA ENERGY CODE, AND CALGREEN BUILDING STANDARDS CODE AS AMENDED BY THE STATE OF CALIFORNIA AND LOCAL JURISDICTIONS ARE APPLICABLE TO THIS PROJECT.

VICINITY MAP



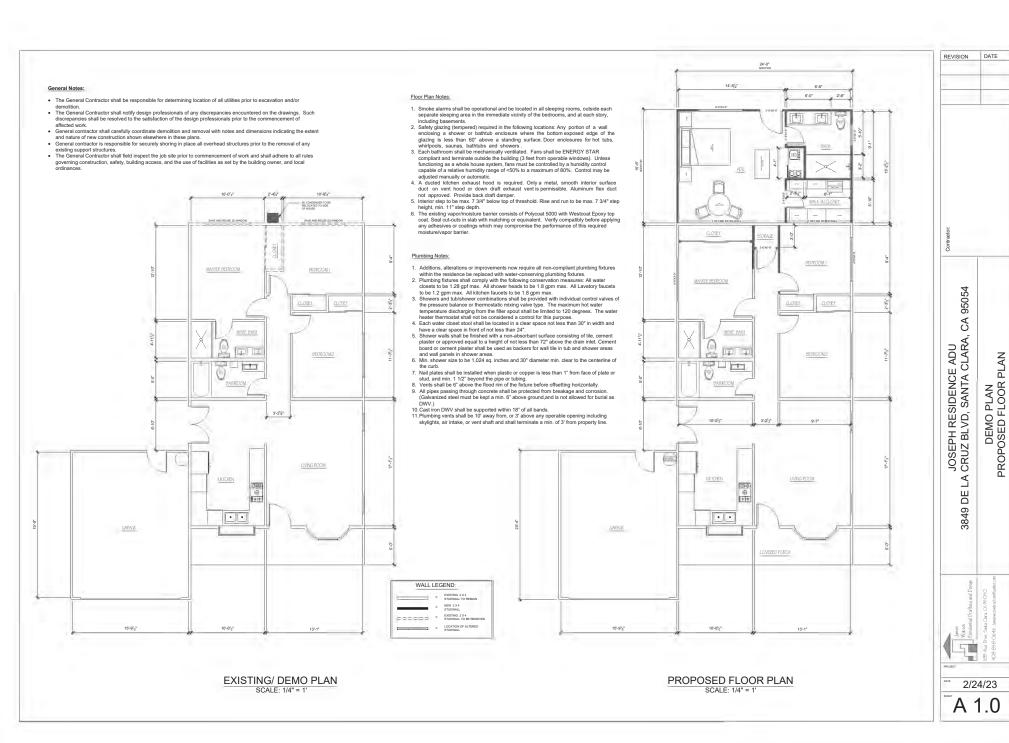




A 0.0

REVISION

DATE



	ELECTRICAL LEGEND
1	SWITCH
1	DIMMER SWITCH
\$"	3-WAY SWITCH/3-WAY WITH DIMMER
2	VACANCY SENSOR SWITCH
惠	DUPLEX RECEPTACLE
*	220 VOLT RECEPTACLE
Hom	GROUND FAULT INTERRUPTER
*	SPLIT RECEPTACLE
-6-	LED RECESSED CAN LIGHT
4	RECESSED CAN LIGHT RATED FOR WET LOCATIONS
NE OF DE	LED UNDER CABINET LIGHTING
•	CABINET LIGHT
ŧ	WALL SCONCE LIGHT FIXTURE
⊕	PENDANT LIGHT FIXTURE
0	SURFACE MOUNTED CEILING FIXTURE
@us	EXT.GRADE HIGH EFFICACY WALL SCONCE WITH MOTION SENSOR AND PHOTO CONTROL OR TIME CLOCK PROGRAMMED TO TURN OFF THE LIGHTING DURNIS DAYLIGHT HOURS
	EXHAUST FAN
匝垂	COMBINATION EXHAUST FAN LIGHT FIXTURE
9	SMOKE DETECTOR/CARBON MONOXIDE DETECTOR
D	ELECTRIC METER BASE
	ELECTRIC PANEL

Bathroom Exhaust Fan Requ	uirements:
Min. CFM:	50
Duct Type:	Flex
Duct Size:	4"
Max. Duct Length:	56 ft.
Max. Sones:	3

Kitchen Exhaust Fan	Requirements:
Min. CFM:	100
Duct Type:	Smooth
Duct Size:	7"
Max. Duct Length:	No Limit
Max. Sones:	3

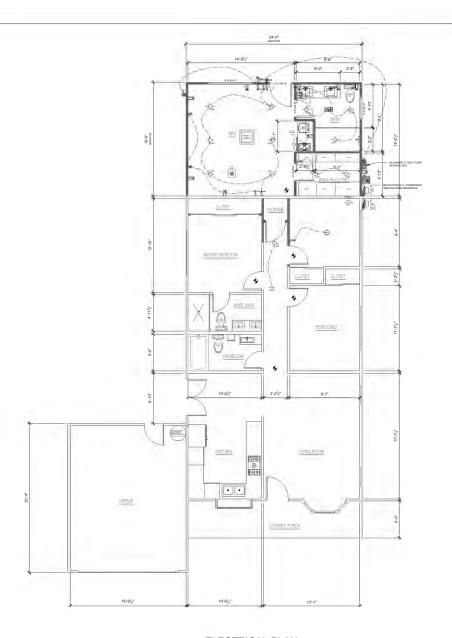
	I	.A.Q.	Fan	Reg	uire	men	ts
--	---	-------	-----	-----	------	-----	----

i.A.Q. i ali recquireme	Ito.
CFM:	45
Duct Type:	Smooth
Duct Size:	4"
Max. Duct Length:	70'
Max. Sones:	1
his cultaset fan is intended to operate continuously to ensure indoor a	ir quality. The fan may be controlled by a standard

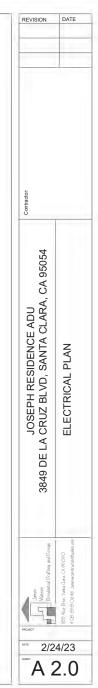
Electrical Notes:

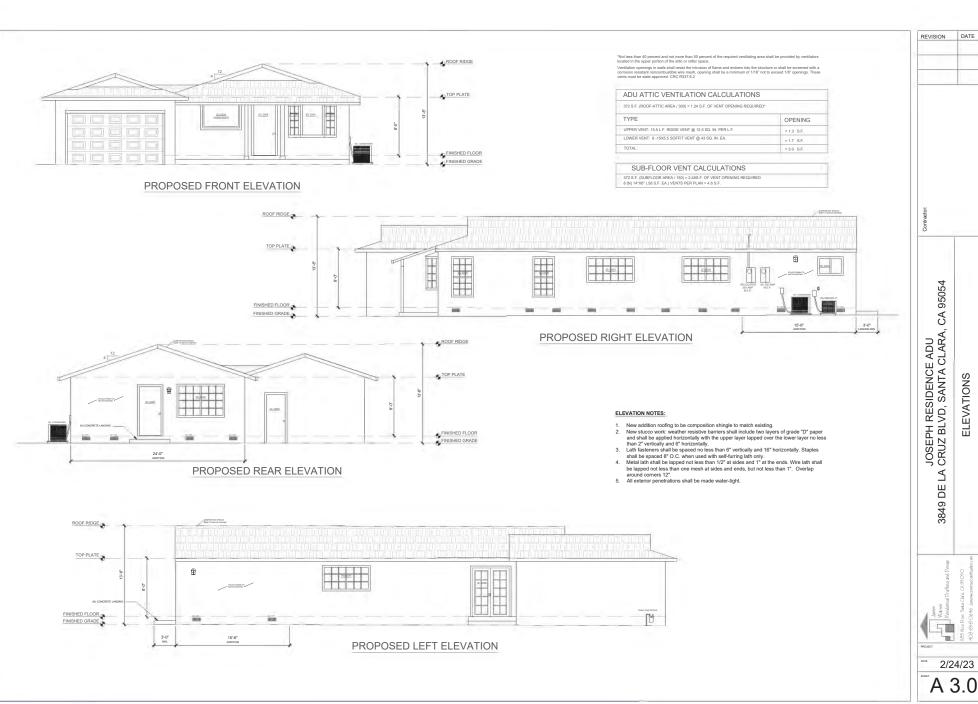
- Provide bonding to the water piping, gas and metal building systems (min. #4 for 200 amp service).
- New circuits require AFCI protection for the entire branch circuit if they supply any outlets in the following locations: 15 and 20 amp kitchen
 circuits, family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, surrooms, recreation rooms, closets, hallways, or similar
 rooms or areas. New wiring for hard-wired smoke and CO alairms also require AFCI circuit breaker.
- All general purpose and countertop receptacles must be tamper-resistant.
- Provide hard-wired smoke alarms alarms in all bedrooms, outside each sleeping area in the immediate vicinity of bedrooms, and on each story.
 Smoke detectors in JADU and Main Residence shall be interconnected.
- Smoke alarms shall be installed on the ceiling or wall between 4" and 12" of the ceiling. Carbon monoxide alarms shall be installed on the ceiling or wall above the door header.
- Individual (dedicated) circuits are required for refirgerator, garbage disposals, microwaves, compactors, and dishwashers.
- Receptacles shall be located so appliances are no further than 24" from any plug (48"maximum distance between receptacles). Counter top surfaces wider than 12" require receptacles. Receptacles shall be no higher than 18" above the counter surface.
- All light fixtures shall be high efficacy. All interior switches shall be dimmer or vacancy sensor type.
- Au light inxures snail be figh enicacy. All interior switches snail be dimmer or vacancy sensor type.
 Provide one dedicated 20 amp circuit to serve the required bathroom outlets only and one dedicated 20 amp circuit to serve the laundry outlets (no other outlets, fans, lightino, etc. allowed on this circuit).
- 10. At least one light in each bathroom and laundry room shall be controlled by a vacancy sensor (a manual-on, automatic-off occupancy sensor).
- 11. Light fixtures located in wet location shall be listed for wet location and require water resistant trims.
- 12. Bathroom exhaust fans must be controlled by a humidistat and must also be switched separate from lighting, with the exception that lighting integral to an exhaust fan can be on the same switch if the fan is controlled by a humidistat that continues its operation after the light is off.
- 13. Receptacles for ranges and clothes dryers shall be a 3-pole w/ground type. 4-wire grounding type flexible cords are required for connection of
- ranges and clothes dryers. The bonding jumper shall not be connected between the neutral terminal and the frame of the appliance.

 14. Provide air-tight IC rated recessed light fixtures in insulated ceilings.
- 15. Receptacle outlets shall be installed so that no point along the floor line in any wall space is more than 6' measured horizontally from an outlet in that space, including any wall space 2' or more in width.
- Standard electrical wall receptacles are to be mounted vertically at +12" and light switches at 3'-6" above finished floor U.N.O.
- Installation instructions for all listed equipment shall be provided to the field inspector at the time of inspection.
 Outdoor lighting permanently mounted to a dwelling or other buildings on the same parcel shall be high efficacy and be controlled by a manual on off switch with a motion sensor and photocontrol, or a time switch and photocontrol, or a time clock programmed to turn off the lighting during daylight hours.

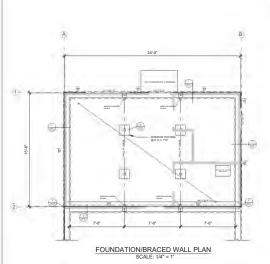


ELECTRICAL PLAN
SCALE: 1/4" = 1'





REVISION DATE ELEVATIONS 2/24/23



FOUNDATION CONSTRUCTION NOTES:

- Concrete shall be consolidated by suitable means during placement and shall be worked around embedded items and reinforcement and into corners of
- forms.

 Forms shall be made of wood, steel, aluminum, plastic, a composite of cement ronts shall be linded in wood, seen, animatin, please, a composite of cement and foam insulation, a composite of cement and wood chips, or other approved material suitable for supporting and containing concrete. Forms shall provide sufficient strength to contain concrete during the concrete placement operation. Anchor bolts shall have a 4* minimum and a 12* maximum clearance to the end
- of the sill plate.

 Anchor bolts shall not be spaced more than 48" on center with a minimum of (2) bolts for each piece of sill plate. Sill plate washer size shall be a minimum of 0.229"x3"x3"
- 0.229 x3 x3 Vertical and horizontal reinforcement shall be the longest lengths practical. Where splices are necessary in reinforcement, the length of lap splice shall be in accordance with CRC Table R608.5.4.(1)
- Wood framing members that rest on concrete or masonry exterior foundation walls and are less than 8" from the exposed ground shall be naturally durable wood or pressure treated.

 Fasteners for pressure treated wood and fire-retardant-treated wood shall be of
- hot-dipped zinc-coated galvanized steel, stainless steel, silicon bronze or
- copper.

 Access shall be provided to all under-floor spaces and shall be a minimum of 18"x24".
- The minimum net area of under-floor ventilation openings shall not be less than 9. I square foot of each 150 square feet of under-floor area with one ventilation openings within 3 feet of each corner of the building. Openings for under floor ventilation shall be not less than 1-1/2 square feet for each 25 linear feet of
- exterior wall.

 Floor joists, ceiling joists, and roof rafters shall be laterally supported at ends and at each support with solid blocking, except when the ends are nailed to a header, rim joist,or by other approved methods.

FOUNDATION DESIGN CRITERIA:

DEAD LOAD = 10 PSF = 40 PSF LIVE LOAD

ROOF LIVE LOAD =20 PSF

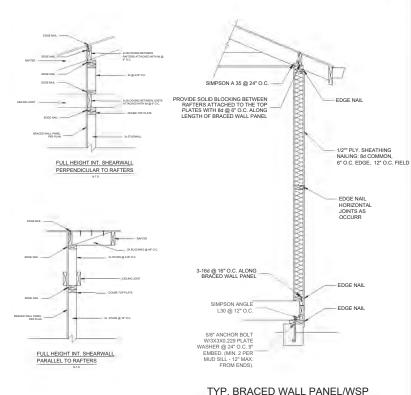
SOIL BEARING PRESSURE =1500 PSF

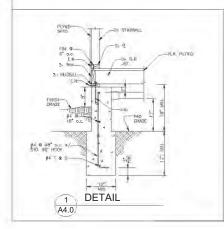
LUMBER: DOUG FIR #2 GRADE COMPRESSIVE STRENGTH OF CONCRETE = 2500 PSI

REINFORCEMENT BARS 40 GRADE MIN.

		S	HEAR WALL SC	HEDULE
MARK	MACNS METHOD	MATERIAL	NAILING	FRAMING CONNECTION
1	CS-WSP	3/8" PLYWD. CDX	8d COMMON: 6" O.C. EDGE 12" O.C. FIELD	SOLID BLOCKING BETWEEN RAFTERS. NAIL W8d @ 6" O.C.

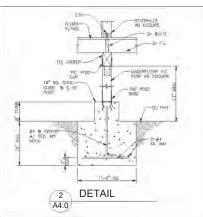


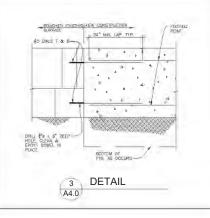


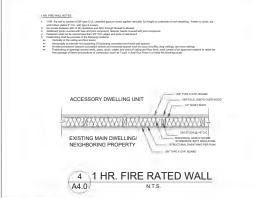


SUB-FLOOR VENT CALCULATIONS

372 S.F. (SUBFLOOR AREA / 150) = 2.48S.F. OF VENT OF 8 14"X6" (.58 S.F. EA.) VENTS PER PLAN = 4.6 S.F.



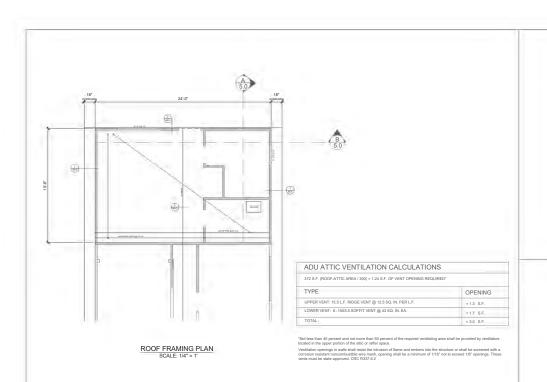


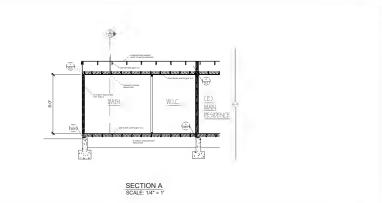


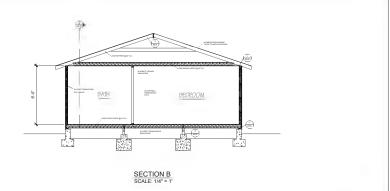


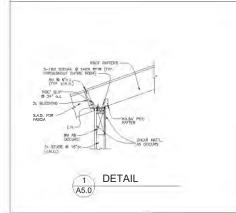
REVISION

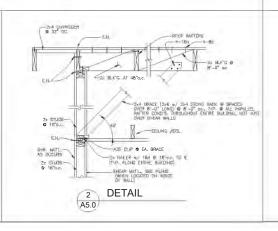
DATE

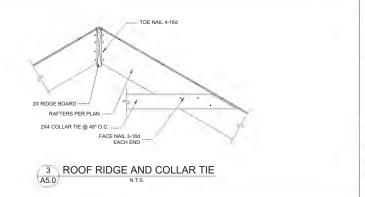














5

2/24/23 A 5.0

Cal Green Mandatory Measures:

- 1. Projects which disturb less than one acre of soil and are not part of a larger common plan of development which in total disturbs one acre or more, shall manage storm water drainage during construction. In order to manage storm water drainage during construction, one or more of the following measures shall be implemented to prevent flooding of adjacent property, prevent erosion and retain soil runoff on the site.
 - 1. Retention basins of sufficient size shall be utilized to retain storm water on the site.
 - 2. Where storm water is conveyed to a public drainage system, collection point, gutter or similar disposal method, water shall be filtered by use of a barrier system, wattle or other method approved by the enforcing agency.

 - 3. Compliance with a lawfully enacted storm water man-agement ordinance.
- 2. Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following: 4,303.1.1 Water closets. The effective flush volume of all water closets shall not exceed 1,28 gallons per flush. Tank-type water closets shall be certified to the perfor-mance criteria of the U.S. EPA Water Sense Specification for Tank type Toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

- 4.303.1.2 Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush. The effective flush volume of all other urinals shall not exceed 0.5 gallons per flush.
- 4.303.1.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA Water Sense Specification for Showerheads.
- 4.303.1.3.2 Multiple showerheads serving one shower. When a shower is served by more than one shower head, the combined flow rate of all shower-heads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80psi, or the shower shall be designed to allow only one shower outlet to be i n operation at a time.Note: A hand-held shower shall be considered a shower head.
- 4 303 1.4.1 Residential layatory faurets. The maximum flow rate of residential layatory faurets shall not exceed 1.2 gallons per minute at 60 psi. The minimum flow rate of residential lavatory faucets shall not be less than 0.8 gallons per minute at 20 psi.
- 4.303.1.4.4 Kitchen faucets. The maximum flow rateof kitchen faucets shall not exceed 1.8 gallons per min-ute at 60 psi. Kitchen faucets may temporarily increase the flow
- above the maximum rate, but not to exceed 2.2gallons per minute at 60 psi, and must default to a max-imum flow rate of 1.8 gallons per minute at 60 psi Note: Where complying faucets are unavailable, aera-tors or other means may be used to achieve reduction
- 4.303.2 Standards for plumbing fixtures and fittings. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code.
- 3. Outdoor potable water use in landscape areas. After December 1, 2015, new residential developments with an aggregate landscape area equal to or greater than 500square feet shall comply with one of the following options:
 - 1. A local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent; or
 - 2. Projects with aggregate landscape areas less than 2,500square feet may comply with the MWELO's Appendix D Prescriptive Compliance Option
- 4. Rodent proofing. Annular spaces around pipes, elec-tric cables, conduits or other openings in sole/bottom plates at exterior walls shall be protected against the passage of rodents
- by closing such openings with cement mortar, con-crete masonry or a similar method acceptable to the enforcing agency.
- 5. Construction waste management. Recycle and/orsalvage for reuse a minimum of 65 percent of the non hazard-ous construction and demolition waste in accordance with either Section 4.408.2, 4.408.3 or 4.408.4, or meet a more stringent local construction and demolition waste management ordinance.
 - - Excavated soil and land-clearing debris
 - 2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist or are not located reasonably close to the job site.
 - 3. The enforcing agency may make exceptions to the requirements of this section when isolated jobs sites are located in areas beyond the haul boundaries of the diversion facility
- 6. Construction waste management plan. Submit a construction waste management plan in conformance with Items 1 through 5. The construction waste management plan shall be updated as necessary and shall be available during construction for examination by the enforcing agency.
 - 1. Identify the construction and demolition waste materials to be diverted from disposal by recycling, reuse on the project or salvage for future use or sale
 - Specify if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream)
 - 3. Identify diversion facilities where the construction and demolition waste material will be taken.
 - 4. Identify construction methods employed to reduce the amount of construction and demolition waste generated.
 - 5. Specify that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.
- 7. Waste management company. Utilize a waste management company, approved by the enforcing agency, which can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with Section 4.408.1
- Note: The owner or contractor may make the determination if the construction and demolition waste materials will be diverted by a waste management company 8. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 3.4 pounds per square foot of the building
- area shall meet the minimum 65 percent construction waste reduction requirement in Section 4.408.1 9. Waste stream reduction alternative. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 2 pounds
- per square foot of the building area, shall meet the minimum 65-percent construction waste reduction requirement in Section 4.408.1 10. Documentation shall be provided to the enforcing agency which demonstrates compliance with Section 4.408.2. Items 1 through 5. Section 4.408.3 or Section 4.408.4
- 11. At the time of final inspection, a manual, compact disc, web-based reference or other media acceptable to the enforcing agency which includes all of the following shall be placed in

 - 1. Directions to the owner or occupant that the manual shall remain with the building throughout the lifecycle of the structure
 - 2. Operation and maintenance instructions for the following:
 - a. Equipment and appliances, including water-savingdevices and systems, HVAC systems, photovoltaic systems, electric vehicle chargers
 - water-heating systems and other major appliances and equipment.
 - b. Roof and yard drainage, including gutters and down-spouts. c. Space conditioning systems, including condensers and air filters
 - d. Landscape irrigation systems
 - e. Water reuse systems
 - 3. Information from local utility, water and waste recov-ery providers on methods to further reduce resource consumption, including recycle programs and loca-tions.
 - 4. Public transportation and/or carpool options available in the area
 - 5. Educational material on the positive impacts of an interior relative humidity between 30-60 percent and what methods an occupant may use to maintain the relative humidity level in that range
 - 6. Information about water-conserving landscape and irrigation design and controllers which conserve water. 7. Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5 feet away from the foundation.
 - 8 Information on required routine maintenance mea-sures including but not limited to caulking painting grading ground the building etc.
 - 9. Information about state solar energy and incentive programs available.
- 12. Any installed gas fireplace shall be a direct vent sealed-combustion type. Any installed woods stove or pellet stove shall comply with U.S. EPA New Source Perfor-mance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. Wood stoves, pellet stoves and fire places shall also comply with applicable local ordinances.
- 13. Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation, during storage on the construction site and until final start up of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of water, dust and debris, which may enter the system.

14. Finish material pollutant control. Finish materials shall comply with this section.

Adhesives, sealants and caulks. Adhesives sealants and caulks used on the project shall meet the requirements of the following standards unless more stringent local or regional air pollution or air quality management district rules apply:

- 1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable or SCAQMD Rule 1168 VOC limits, as shown in Table4.504.1 or 4.504.2, as applicable, Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products, as specified in Subsection 2 below.
- 2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than 1 pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section 94507.
- 15. Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Suggested Control Measure, as shown in Table 4.504.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 4.504.3 shall be determined by classifying the coating as a Flat, Non-flat or Non-flat-high Gloss coating, based on its gloss, as defined in subsections 4.21, 4.36, and 4.37 of the 2007 California Air Resources Board, Suggested Con-trol Measure, and the corresponding Flat, Non flat or Non-flat-high Gloss VOC limit in Table 4.504.3 shall apply.
- 16. Aerosol paints and coatings. Aerosol paints and coatings shall meet the Product-weighted MIR Limits for ROC in Section 94522(a)(2) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(e)(1) and (f)(1) of California Code of Regulations, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management Dis-trict additionally comply with the percent VOC by weight of product limits of Regulation 8,
- 17. Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:
 - 1. Manufacturer's product specification.
 - 2. Field verification of on-site product containers.
- 18. Carpet systems. All carpet installed in the building interior shall meet the testing and product requirements of one of the following:
 - Carpet and Rug Institute's Green Label Plus Program.
 - 2. California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources
 - Using Environmental Chambers," Version 1.1, Febru-ary 2010 (also known as Specification 01350.) 3. NSF/ANSI 140 at the Gold level.4. Scientific Certifications Systems Indoor Advantage™
- 19. Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute's Green Label program
- Carpet adhesive. All carpet adhesive shall meet the requirements of Table 4.504.1
- 21. Resilient flooring systems. Where resilient flooring is installed, at least 80 percent of floor area receiving resilient flooring shall comply with one or more of the following:
 - 1. Products compliant with the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, "Version 1.1, February 2010 (also known as Specifica-tion 01350), certified as a CHPS Low-Emitting Mate-rial in the Collaborative for High Performance Schools(CHPS) High Performance Products Database
 - 2. Products certified under UL GREENGUARD Gold (formerly the Greenguard Children & Schools pro-gram)
 - 3 Certification under the Resilient Floor Covering Insti-tute (RECI) Floor Score program
 - 4. Meet the California Department of Public Health, Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor
 - Sources Using Environmental Chambers." Version 1.1.February 2010 (also known as Specification 01350).
- 22 Composite wood products. Hardwood plywood particleboard, and medium density fiberboard, composite wood products used on the interior or exterior of the building shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure for Composite Wood (17CCR 93120 et seq.), by or before the dates specified in those sections, as shown in Table 4,504.5

Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

- 1. Product certifications and specifications
- 2. Chain of custody certifications.
- 3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17.Section 93120, et seg.).
- 4. Exterior grade products marked as meeting the PS-1or PS-2 standards of the Engineered Wood Associa-tion, the Australian AS/NZS 2269, European 6363S, and Canadian CSA O121, CSA O151, CSAO153 and CSA O325 standards.
- Other methods acceptable to the enforcing agency.
- 23. Concrete slab foundations. Concrete slab foundations required to have a vapor retarder by the California Building Code. Chapter 19 or concrete slab-on-ground floors required to have a vapor retarder by the California Residential Code, Chapter 5, shall also comply with this section.
 - Capillary break. A capillary break shall be installed in compliance with at least one of the following:
 - 1. A 4-inch-thick (101.6 mm) base of 1/2 inch (12.7mm) or larger clean aggregate shall be provided with a vapor retarder in direct contact with concrete and concrete mix design, which will address bleeding, shrinkage, and curling, shall be used. For additional information, see American Concrete Institute, ACI
 - 2. Other equivalent methods approved by the enforcing agency.
 - 3. A slab design specified by a licensed design professional.
- 24. Moisture content of building materials. Building materials with visible signs of water damage shall not be installed. Wall and floor framing shall not be enclosed when the framing members exceed 19-percent moisture content. Moisture content shall be verified in compliance with the following:
 - 1. Moisture content shall be determined with either a probe-type or contact-type moisture meter. Equivalent moisture verification methods may be approved by the enforcing agency and shall satisfy requirements found in Section 101.8 of this code.
 - 2. Moisture readings shall be taken at a point 2 feet (610mm) to 4 feet (1219 mm) from the grade stamped end of each piece to be verified.
 - 3. At least three random moisture readings shall be performed on wall and floor framing with documentation acceptable to the enforcing agency provided at the time of approval to enclose the wall and floor framing.
 - 4. Insulation products which are visibly wet or have a high moisture content shall be replaced or allowed to dry prior to enclosure in wall or floor cavities. Wet-applied insulation products shall follow the manufacturers' drying recommendations prior to enclosure.
- 25 Bathroom exhaust fans. Each bathroom shall be mechanically ventilated and shall comply with the following:
 - Fans shall be ENERGY STAR compliant and be ducted to terminate outside the building.
 - 2. Unless functioning as a component of a whole house ventilation system, fans must be controlled by a humidity control.
 - a. Humidity controls shall be capable of adjustment between a relative humidity range of ≤ 50 percent to a maximum of 80 percent. A humidity control may utilize manual or automatic means of adjustment.
 - b. A humidity control may be a separate component to the exhaust fan and is not required to be integral (i.e., built-in).
 - 1. For the purposes of this section, a bathroom is a room which contains a bathtub, shower, or tub/shower combination.
- 2. Lighting integral to bathroom exhaust fans shall comply with the California Energy Code. 26. Heating and air-conditioning system design. Heating and air-conditioning systems shall be sized, designed and have their equipment selected using the following methods:
 - 1. The heat loss and heat gain is established according to ANSI/ACCA 2 Manual J—2011 (Residential Load Calculation), ASHRAE handbooks or other
 - equivalent design software or methods. 2. Duct systems are sized according to ANSI/ACCA 1Manual D-2014 (Residential Duct Systems) ASHRAE handbooks or other equivalen
 - 3. Select heating and cooling equipment according to ANSI/ACCA 3 Manual S-2014 (Residential Equipment Selection) or other equivalent design software or methods

Exception: Use of alternate design temperatures necessary to ensure the systems function are acceptable



2/24/23



Building Division: 408-615-2440 Email: Building@santaclaraca.gov

CITY OT Santa Clara
The Carest What's beside 2022 CALIFORNIA GREEN BUILDING STANDARD CODE (CGC)

New residential buildings shall be designed to include the green buildings mandatory measures apposition in this close. The checklist shall also be applied to admitiss or alterestions or distributions or alteresting residential buildings where the additional shratdon increases the buildings where the additional shratdon increases the buildings conditioned error, volume, or size. The requirements shall apply only to the service of the definition or alteresting.

BUILDING PERMIT NO.: BLD2
ADDRESS: 1183 Alice Drive

	Division Deals
Feature or Measure	Yes
SITE DEVELOPMENT (CGC 4.100)	
Storm water drainage and retention during construction. A plan shall be developed and shall be implemented to manage storm water drainage during construction per CGC 4.106.2.	V
Grading and paving. Construction plans shall indicate how site grading or a drainage system will manage at surface water flows to keep water from entering buildings per CGC 4.106.3.	⋖
Electric which (EV) charging for new one- and there family divellings and down-houses with stackled private gargoes and one-shouses of eventual pulses of eventual pulses. A downling unit, and ADULADU without additional purking boat with electrical panel uggrades or new panels. Provide capability for electric which charging with minimum magned Lovel 1 EV Ready, Love Vee Plandy, Love Vee view 2 EV Ready as specified to GCG 4.106.4.1 as amended by City of Starta Clara Readt Code Ordinance No.2056 (CSC 2023 Reach Code) section 15.38.040. Identification: The misseay terministic hostics shall be permanently and visibly marked as "Level 2 EV-ReADY" per CGC 4.104.3.1 as amended by CSC 2023 Reach Code section 15.38.040.	4
Electric vehicle (EV) charging for new multifamily dwellings, affordable housing, hotels, motels, and new residential parking facilities. Provide electric vehicle infestructure and capability for electric vehicle charging with minimum required Level 2 EV (Ready, Level 2 EV Ready, Level 2 EV Ready Level 2 EV Ready, Le	0
110v Electrical Outlet at Bicycle Parking: All multifarnity residential developments shall include secured bicycle parking with 110v electrical outlets per CSC 2023 Reach Code section 15.38.040.	0
Location: EVCS shall be located adjacent to an accessible perking space, and/or on an accessible route, per CGC 4.106.4.2.2.1.1.	
Dimension: Each EV neady space or EVCS shell be minimum 18 fl. long and 9 fl. wide. One in every 25 charging spaces, but not loss than one, shall have an 8 ft wide soccess size. A 5 ft wide minimum size shall be permitted provided the minimum width of the EV space is 12 flext. Surface slope for this EV space and the size shall not exceed 2.03% dopin any direction, per CGG 4.1044.2.2.1.2.	0

Accessibility: EV Ready and EVCS spaces shall comply with the accessibility provision for EV Charging stations in California Building Code Chapter 11A (section 1109A) and Chapter 11B, per CGC 4.106.4.2.2.1.3. stations in California Bushimp (Code Chapter 114, Geofan 1199A) and Chapter 118, per CGG 4.108.4.2.2.1.3. EV Peedly Space (Spage) EV many spaces that be is formed to be supported to the proposal control of the contro

RG01 2022 Green Building Residentisi-Revised 01-2023

Page 1 of 4

BLD Permit No.:	
VERIFICATION (CGC 703)	_
Documentation. Upon request, verification of compliance with this code may include construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the building decentment which will show substantial conformance per CSC 703.1.	4

Responsible Designer's Declaration Statement I hereby certify that this project has been designed to meet the requirements of the 2022 California Green Building Standards Code.			I hereby certify, as the builder or installer under the permit		
Name: James Vatson			Name:		
Signature:			Signature:		
Date:			Date:		
Company:			License:		
Address: ILRS Alice Drive			Address:		
City: Santa Clara	State: CA	Zip: 95030	City:	State:	Zip:

RG01 2022 Green Building Residential-Revised 01-2023 Pego 4 of 4

BLD Permit No.:	
Electric vehicle (EV) charging for additions or alterations of parking facilities serving existing multifamily buildings. When new parking boilities are added, or electrical systems or lighting of existing parking facilities are added or altered and the work requires a building parkin, imminum 16% of total added/dathered parking spaces shall be electrical vehicle charging spaces capable of supporting Mutre Level 2 electric vehicle supply outprent (EVSE) per COC 4 1046.4.3.	0
ENERGY EFFICIENCY (CGC 4.201)	
California Energy Code. The building's construction shall meet or exceed the requirements of the 2022 California Building Energy Efficiency Standards per CGC 4.201.1.	V
WATER EFFICIENCY AND CONSERVATION	
INDOOR WATER USE (CGC 4.303)	
Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and uninals) and fittings (fausets, showerheads, pre-rinse spray valves) shall comply with the prescriptive requirements of Section 4.303.1.1 through 4.303.1.4.5.	4
Water closets: The effective flush volume of all water closets shall not exceed 1.28 gallons per flush (CGC 4.303.1.1).	4
Urinals: The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush, and all other urinals shall not exceed 0.5 gallons per flush (CGC 4.303.1.2).	D
Showerheads. The flow rate for single showerhead and multiple showerheads serving one shower shall not exceed 1.6 gallons per minute at 80 pet and shall be certified to the performance criteria of the U.S. EPA WaterSanes Specification (CG 4.303.1.3).	⋖
Residential lavatory faucets. The flow rate shall not be more than 1.2 gallons per minute at 60 psi, and not less than 0.8 gallons per minute at 20 psi (CGC 4.303.1.4.1).	4
Lavatory faucets in common and public use areas. The flow rate shall not exceed 0.5 gallons per minute at 60 psi (CGC 4.303.1.4.2).	D
Metering Faucets. The flow rate shall not deliver more than 0.2 gallons per cycle (CGC 4.303.1.4.3).	В
Kitchen Faucets. The flow rate shall not exceed 1.8 gallons per minute at 60 psi (CGC 4.303.1.4.4).	4
Pre-rinse Spray Valves. When installed, shall meet the requirements of Title 20 of the California Code of Regulations, and shall be equipped with an integral automatic shutoff (CGC 4.303.1.4.5).	0
Submeters for multifamily buildings and dwelling units in mixed-use residential/commercial buildings. Submeters shall be installed to measure waiter usage of individual rental dwelling units in accordance with the Californie Plannbing Code per CBC 4.303.2.	0
Standards for plumbing fixtures and fittings. Plumbing fixtures and fittings shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code per CGC 4.303.3.	4
OUTDOOR WATER USE (CGC 4.304)	
Outdoor potable water use in landscape areas. Residential developments shall comply with the City's Water Service and Use Rules and Regulations, Item No. 24, as adopted by Santa Clarac Rity Code Section 13.15 No. or the California Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent, per CGC 4,304.1.	4
ENHANCED DURABILITY AND REDUCED MAINTENANCE (CGC 4.406)	
Rodent proofing. Annular spaces around pipes, electric cables, conduits or other openings in eclerbottom plates at enterior walls shall be mortent prorotion by closing such openings with cament morter, concrete mesonry, or similar method acceptable to the City per CGC 4.40c.	4
CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING (CGC 4.408)	
Construction waste management. Recycle and/or salvage for reuse a minimum of 65% of nonhazardous construction and demolfson waste in accordance with Section 4.408.2, 4.408.3, or meet a more stringent local construction and demolfson waste management ordinance (CGC 4.408.1).	⋖
BUILDING MAINTENANCE AND OPERATION (CGC 4.410)	-
An operation and maintenance manual shall be provided to the building occupant or owner per CGC 4.410.1.	4

RG01 2022 Green Building Residential-Revised 01-2023 Page 2 of 4

BLD Permit No.:_ Recycling by occupants. Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible areas that serve all buildings or the site and are identified for depositing, storage and collection of nonhazardous materials for recycling per CSC 4.410.2. Gas fireplace. Any installed or redycling part CGC 4.410.2.

ENVIRONMENTAL QUALITY (CGC 4.563)

Gas fireplace. Any installed or sold replace shall be a direct-vent sealed-combusion type per CGC 4.503.1.

Woodstoves. Any installed woodstove or pallet stow shall comply with U.S. EPA New Source Performance andarded (NPSP) enrison limits as applicate and shall have a personnent table indicating yer coefficiel on the three controls of the central controls of the central control of the central control of the central controls of the central control of the central cen POLLUTANT CONTROL (CGC 4.504) Covering of duct openings are production of mechanical explanear during construction. At the time is open installation, the production of mechanical explanear during construction. At the time is open installation, the production of the producti 4 Painte, stains and other coatings shall comply with VOC limits per CGC 4.504.2.2. Aerosol paints and coatings shall meet the product-weighted MIR limits for ROC and othe CGC 4.504.2.3. V CGC 4.504.2.3.

Verification. Documentation shall be provided, at the request of the Building Division, to verify fluit.

VoC-limit finish materials have been used per CGC 4.504.2.4. 4 Carpet systems. All carpet installed in the building interior shall meet the testing a CGC 4.504.3. V Resilient faccing pythems, Where realized faccing is installed, at least 80% of the floor are receiving resilient faccing and shall comply with the requirements of COG-6.064. A.

Composite wood opticals. Herizhood provious protections and modelum density Restroated composite wood products. Herizhood provious provious used on the interior or exterior of the building shall comply with low formaldelyde emissions standards are requiremented pro-CC4. 540-6.8. ₹ 4 Inquirements per CSC 4.504.5

INTERIOR MOSTURE CONTROL (CSC 4.488)

Concrete labb foundations. Vajor retarder and capture break shall be resided if a labb-orgade foundation system is used. The use of 4 "fileb bear of 5" of larger demangate under 1 and labor provided per CSC 4.505.2, CRC RS06.2.2, CRC RS06.2.3 and CSC Section 1656. Noisture contant of building material. Building materials with visible signs of water damage shall not installed. Wall and floor framing shall not be enclosed when the framing members exceed 19% moisture context Moisture content shall be checked prior to finish material being applied per GCG 4.565.3. V 4 INSTALLER AND SPECIAL INSPECTOR QUALIFICATION (CGC 702)
Installer training, HVAC system installers shall be trained and certified in the proper installation of HVAC system including ducts and equipment by a recognized training or certification program per CGC 702.1. 4 Special inspection. Special inspectors employed by the City must be qualified and able to democompetence in the discipline they are inspecting per CGC 702.2. 4

RG01 2022 Green Building Residential-Revised 01-2023

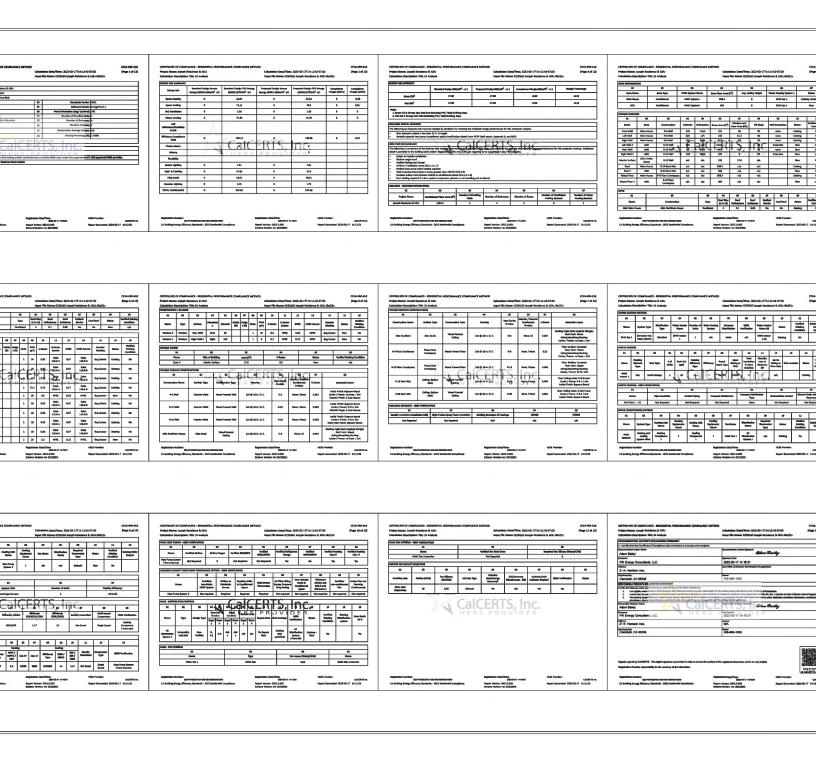
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Page 3 of 4

REVISION

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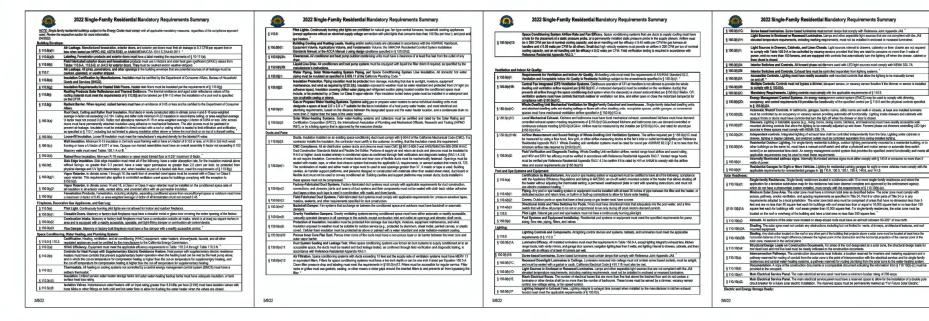
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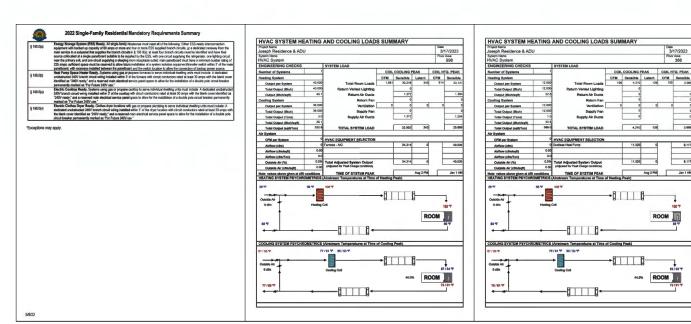






T24-2





Attachment 2: Project Data

3849 De La Cruz

Lot Size: 6442 sq. ft.						
	Existing Floor Area (sq. ft.)	Proposed New Construction (sq. ft.)	Proposed Floor Area (sq. ft.)			
First Floor	n/a	n/a	n/a			
Second Floor	n/a	n/a	n/a			
Garage	n/a	n/a	n/a			
ADU	None	366	366			
Gross Floor Area	1352	366	1691			
Lot Coverage	1352/6442=22%	+366 sqft	1691/6442=26%			
Flood Zone	Х	•				



City of Santa Clara

1500 Warburton Avenue Santa Clara, CA 95050 santaclaraca.gov @SantaClaraCity

Agenda Report

23-555 Agenda Date: 5/10/2023

REPORT TO DEVELOPMENT REVIEW HEARING

SUBJECT

Action on a 982 square-foot second story addition, 238 squarefoot first floor addition, and 1,030 square feet remodel. (CEQA: Class 1 Categorical Exemption 15301(e)(1), Existing Facilities)

File No.(s): PLN23-00109

Location: 74 Woodhams Road, a 6,264 square foot lot located at the northwest corner of

Woodhams Street and McKinley Drive, approximately 512 feet north of Stevens Creek

Boulevard; APN: 296-12-031; property is zoned Single-Family Residential (R1-6L)

Applicant: Leo Chuang, Studio Aioli

Owner: Yusuke and Winnie Chan Yamakita

Request: Architectural Review for the 982 square feet second story addition, 238 square feet

first floor addition, and 1,030 square feet remodel resulting in a 2,893 square-foot

residence

Project Data

The Project Data Table is included as Attachment 2.

Points for Consideration

- The existing residence is one-story with 3 bedrooms, 2 bathrooms, kitchen, living space, and an attached two-car garage.
- The proposal involves a 982 square foot second story addition, 238 square foot first floor addition, and 1,030 square feet remodel of the existing residence resulting in a 2,893 square-foot two-story residence with 4 bedrooms, 3 bathrooms, kitchen, living space, and an attached 2-car garage.
- The proposed second story provides a 5-foot front step back.
- The proposed second story does not provide a rear or side stepback, but the extended eaves in the rear and interior side create the appearance of a stepback.
- The space above the living room is a double-height space; however, it is designed so that the first floor does not appear as two-stories tall from the exterior.
- Windows on the interior side façade are frosted to maintain privacy.
- The proposed project complies with the R1-6L development standards; is generally consistent with the Single-Family Residential Design Guidelines; and is compatible with neighboring homes along the streetscape.
- A neighborhood notice was distributed within a 300-foot radius of the subject site for this project review.
- There are no active code enforcement cases for this property.

Findings

That any off-street parking area, screening strips and other facilities and improvements
necessary to secure the purpose and intent of this title and the general plan of the City are a
part of the proposed development, in that;

- The proposal provides the required two covered parking spaces within the existing 418 square foot two car garage.
- The required parking spaces are not located in the required front yard or side yard landscaped areas.
- 2) That the design and location of the proposed development is such that it is in keeping with the character of the neighborhood and is such as not to be detrimental to the harmonious development contemplated by this title and the general plan of the City, in that;
 - The proposed two-story residence resulting in four bedrooms and three bathrooms would not create traffic congestion or hazards.
 - Public streets are adequate in size and design to serve the proposed single-family residence, and the use will not create a substantive increase in traffic.
- 3) That the design and location of the proposed development is such that it is in keeping with the character of the neighborhood and is such as not to be detrimental to the harmonious development contemplated by this title and the general plan of the City, in that;
 - The proposed development is a two-story residence that is consistent with the scale and design similar to that of the existing surrounding neighborhood which consists of both one- and two-story residences with tract style and contemporary architecture.
 - The project complies with the R1-6L development standards for new construction.
 - The proposed second story addition does not provide a minimum three to five feet step-back in the side and rear elevation of the residence, which is inconsistent with the City's Single-Family Design Guidelines. However, the project extends the eaves of the first floor to create the appearance of a 3-foot step-back and the second story is stepped back from the front façade of the garage.
- 4) That the granting of such approval will not, under the circumstances of the particular case, materially affect adversely the health, comfort or general welfare of persons residing or working in the neighborhood of said development, and will not be materially detrimental to the public welfare or injuries to property or improvements in said neighborhood, in that;
 - The project is subject to the California Building Code and City Code requirements, which serve to regulate new construction to protect public health, safety, and general welfare.
- 5) That the proposed development, as set forth in the plans and drawings, are consistent with the set of more detailed policies and criteria for architectural review as approved and updated from time to time by the City Council, which set shall be maintained in the planning division office. The policies and criteria so approved shall be fully effective and operative to the extent as if written into and made a part of this title, in that;
 - The proposal project is generally consistent with the City's Residential Design Guidelines and compatible scale and character with the housing types that are typical in the neighborhood.
 - The proposed second story addition does not provide an upper story step-back in the side and rear, which is inconsistent with the City's Single-Family Design Guidelines.
 However, the project extends the eaves of the first floor to create the appearance of a 3 -foot step-back and the second story is stepped back from the front façade of the garage

23-555 Agenda Date: 5/10/2023

Conditions of Approval

1) Permit Expiration. This Architectural Permit shall automatically be revoked and terminated if not used within two years of original grant or within the period of any authorized extensions thereof. The date of granting of this Permit is the date this Permit is approved by the Development Review Officer.

- 2) Prior to the issuance of Building Permit, the development of the site and all associate improvements shall conform to the approved plans with File No. **PLN23-00109**, on file with the Community Development Department, Planning Division.
- 3) The garage shall be maintained free and clear for vehicle parking use at all times. It shall not be used only for storage.
- 4) Landscaping installation shall meet City water conservation criteria in a manner acceptable to the Director of Community Development.
- 5) Maintain the front yard landscaping between the house and sidewalk. New landscape areas of 500 square feet or more or rehabilitated landscape areas of 2,500 square feet or more shall conform to the California Department of Water Resources Water Efficient Landscape Ordinance.
- 6) Developer/Owner is responsible for collection and pick-up of all trash and debris on-site and adjacent public right-of-way.
- 7) Construction activity shall be limited to the hours of 7:00 a.m. to 6:00 p.m. weekdays and 9:00 a.m. to 6:00 p.m. Saturdays for projects within 300 feet of a residential use and shall not be allowed on recognized State and Federal holidays.
- 8) Incorporate Best Management Practices (BMPs) into construction plans and incorporate post construction water runoff measures into project plans in accordance with the City's Urban Runoff Pollution Prevention Program standards prior to the issuance of permits.

ENVIRONMENTAL REVIEW

Categorical Exemption per CEQA 15301(e)(1), Existing Facilities in that the project is limited to a small addition to the existing single-family residence.

PUBLIC CONTACT

On April 27, 2023, a notice of public hearing of this item was posted 300 feet of the project site and mailed to property owners within 300 feet of the project site. Public comments received on this item are attached to this report.

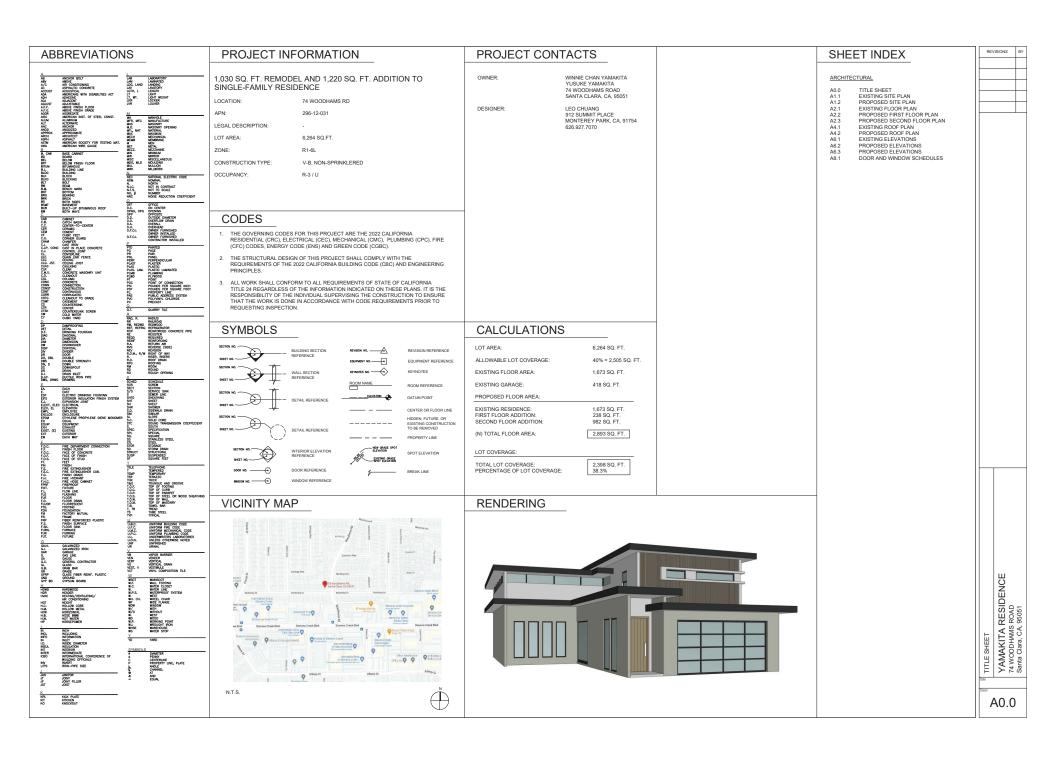
RECOMMENDATION

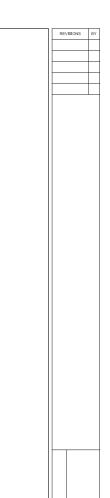
Approve the 982 square feet second story addition, 238 square feet first floor addition, and 1,030 square feet remodel of the existing residence at 74 Woodhams Road, subject to conditions.

Prepared by: Meha Patel, Assistant Planner, Community Development Approved by: Lesley Xavier, Planning Manager, Community Development

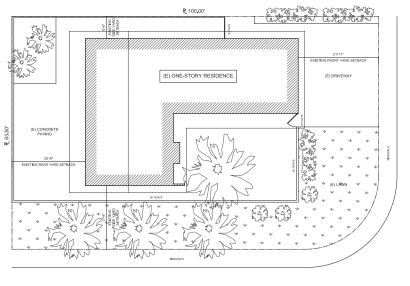
ATTACHMENTS

- 1. Development Plans
- 2. Project Data





WOODHAMS RD



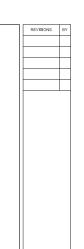
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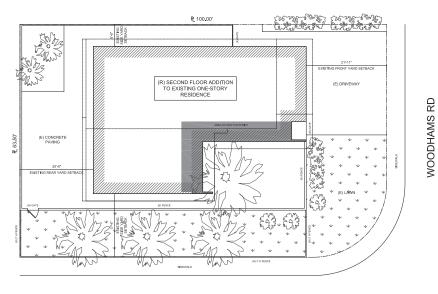
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EXISTING SITE PLAN
YAMAKITA RESIDENCE
74 WOODHAMS ROAD
SARIA CHARA, 99051

EXISTING SITE PLAN
SCALE: 1/87= 1/47

0' 4' 12' 2





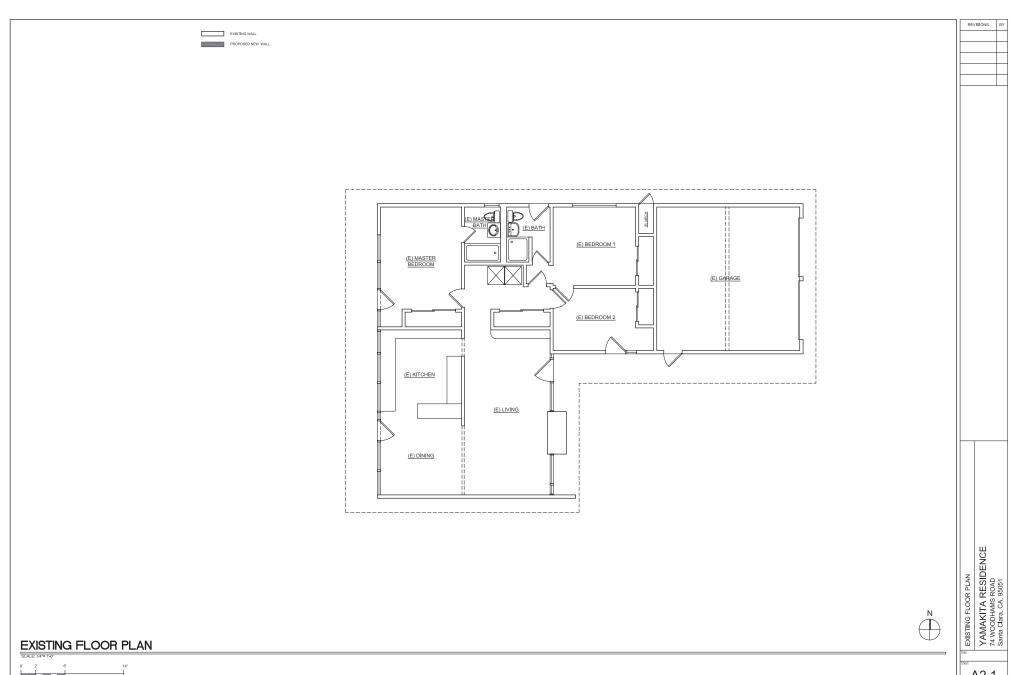
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PROPOSED SITE PLAN
YAMAKITA RESIDENCE
74 WOODHAMS ROAD
Santa Clara, CA, 99051

PROPOSED SITE PLAN

0' 4' 12' 28'



A2.1

NOTES

1. WALL COVERINGS IN SHOWERS AND TUBS WITH SHOWERHEADS SHALL BE CEMENT PLASTER OR TILE EQUAL OR HIGHER THAN 70' ABOVE DRAIN. WITH WITH SHOW OF THE SHOWER SHALL BE USED AND THE SHALL BE LIBELED SAFETY GLAZING WHEN LESS THAN 60' ABOVE THE DRAIN, GBG SEC. 1210, Q.PG GEG. THE SHALL BE LIBELED SAFETY GLAZING WHEN LESS THAN 60' ABOVE THE DRAIN, GBG SEC.

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2. PROVIDE AN EXHAUST FAN 50 CFM MIN. IN ALL BATHROOMS. SEE ELECTRICAL PLANS (E2.1, E2.2) FOR EXHAUST SYSTEM LOCATIONS, EXHAUST OUTLET MUST BE MINIMUM 3 FROM ANY OPENINS INTO BUILDING AND PROPERTY LINE. CMC SEC. 402.2.1, 403.7, CMC TABLE 4-4, CBC SEC. 1203.4.2.1.

3. SMOKE/CARBON MONOXIDE ALARMS SHALL BE HARD-WIRED WITH A BATTERY BACKUP AND INTERCONNECTED SO THAT THE ACTIVATION OF OWE ALARM SHALL ACTIVATE ALL OTHER ALARMS IN THE DWELLING UNIT. RETROFIT SMOKE ALARMS MAY BE BATTERY OPERATED. (PER GRC 3ECTION 314 AND SECTION 315)

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7. GUARDRAILS ARE REQUIRED AT FLOOR AND ROOF OPENINGS, LANDINGS, BALCONIES, AND AT OPEN SIDES OF STARIS OVER 30" IN HEIGHT. OPEN GUARDRAILS SHALL HAVE INTERMEDIATE RAILS OR AN ORNAMENT PATTERN SUCH THAT A 4.375" SPHERE CANNOT PASS THROUGH.

8. <u>EGRESS WINDOWS</u>
BEDROOM EGRESS WINDOWS HAVE A MINIMUM CLEAR OPENING AREA OF 5.7 SF.
ABOVE THE GRADE-FLOOR, A MINIMUM NET HEIGHT OF 24" AND MINIMUM NET
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10. HEAT DETECTORS SHALL BE INSTALLED PER SMCC25.12.14 IN THE FOLLOWING LOCATIONS: IN THE ATTIC, KITCHEN, BASEMENT AND ATTACHED GARAGE.

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15. WALLS AND CEILING FINISHES SHALL HAVE A FLAME SPREAD CLASSIFICATION OF NO GREATER THAN 200, AND A SMOKE DEVELOPED INDEX OF NOT GREATER THAN 450 (CRC 7302.9)

16. THRESHOLDS OVER 0.25" SHALL BE BEVELED 1:2

PLUMBING NOTES:

ALL PLUMBING MATERIALS. USED IN THE WATER SUPPLY SYSTEM, EXCEPT FOR VALVES AND SIMILAR DEVICES SHALL BE OF BRASS, COPPER, CAST IRON OR OTHER APPROVED MATERIAL.

NO VENT SHALL TERMINATE IN A LOCATION THAT IS VISIBLE FROM THE PARKWAY ACROSS THE STREET FROM THE SUBJECT PROPERTY. OFF-SET VENTING SHALL COMPLY WITH CPC 516 OR 706.

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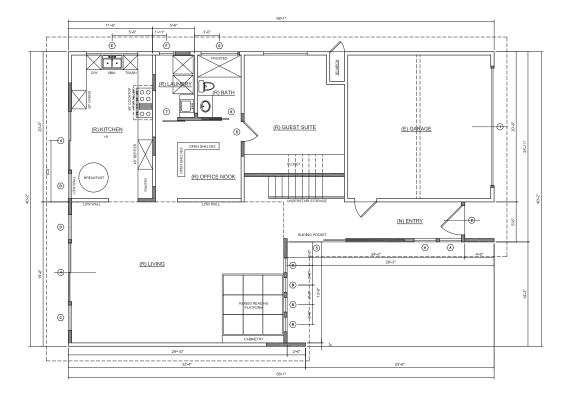
- WASTE: PVC DWV

- VENT: PVC DWV

- WATER: COPPER

- GAS: BLACK STEEL







YAMAKITA RESIDENCE 74 WOODHAMS ROAD Santa Clara, CA, 95051





A2.2

REVISIONS

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4. ALL PLUMBING MATERIAL USED IN THE WATER SUPPLY SYSTEM, EXCEPT VALVES AND SIMILAR DEVICES SHALL BE OF LIKE MATERIALS.

5. PIPING MATERIALS:

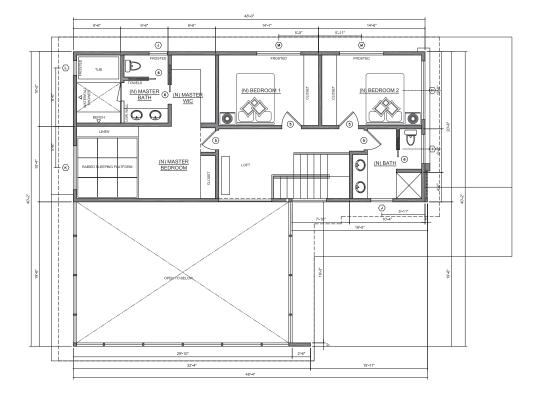
- WASTE: PVC DWV

- VENT: PVC DWV

- WATER: COPPER

- GAS: BLACK STEEL

EXISTING WALL PROPOSED NEW WALL







PROPOSED SECOND FLOOR PLAN YAMAKITA RESIDENCE 74 WOODHAMS ROAD Santa Clara, CA, 95051

REVISIONS

A2.3

REVISIONS BY SLOPE 0.75:12 1.75:12 YAMAKITA RESIDENCE 74 WOODHAMS ROAD Santa Clara, CA, 95051 EXISTING ROOF PLAN
SCALE: 1/4"= 1'-0" A4.1

ROOFING MATERIALS:

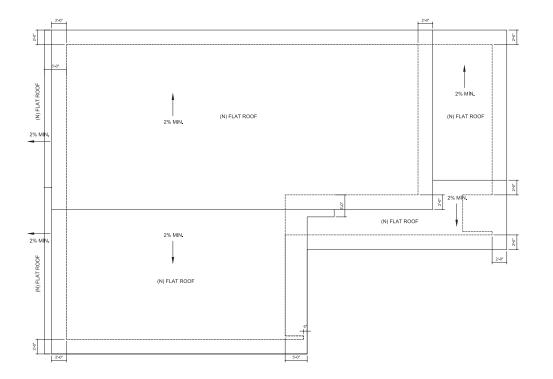
SOPREMA ROOFING AND WATERPROOFING SYSTEM SOPRASTAR SANDED CLASS A ROOF COVERING BUILT-UP ROOF

SPECIFICATION REQUIREMENTS TO MEET ASTM D 6222, ASTM E 108, UL 790.

*NOTE - ROOF GUTTERS/DRAINS SHALL BE PROVIDED WITH A MEANS TO PREVENT THE ACCUMULATION OF LEAVES AND DEBRIS IN THE GUTTER/DRAIN. (RESIDENTIAL CODE R337.5.4 AND BUILDING CODE 705A.4)

NOTES:

- 1. POLICISED ATTES AND PROCESS INVETES SPALLE FORMED WHERE CALLIUSISME APPLIED DESCRIPTOR THE AUBSTRANCE OF OWN PARTIES SHALL HAVE GROSS, SHATH ANDER FOR EACH SEPARATE SPACE BY VERTILLATING OPERAINGS PROTECTED AGAINST THE ENTRANCE OF FRANCE SHOW, VERTILLATION COPENINGS SHALL HAVE A LEAST DIMENSION OF \$\frac{1}{2}\$ INVENTAGE ALEAST OWNERSON MANIMAL AND \$\frac{1}{2}\$ INVENTAGE ALEAST OWNERSON SHATH AND \$\frac{1}{2}\$ INVENTAGE ALEAST OWNERSON SHATH AND \$\frac{1}{2}\$ INVENTAGE ALEAST OWNERSON OF \$\frac{1}{2}\$ INVENTAGE ALEAST OWNERSON OWNE
- THE MINIMUM NET FREE VENTILATING AREA SHALL BE 120 OF THE AREA OF THE VENTED SPACE (CRC R806.2).
- VENTILATORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, INSTALLATION OF VENTILATIONS IN POOP SYSTEMS SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF SECTION ROSIO, INSTALLATION OF VENTILATORS IN VIAL IS SYSTEMS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF
- ROOF ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE TO THE PROVISIONS OF CHAPTER 9 OF THE RESIDENTIAL CODE AND SHALL BE AN ICC-ES OR UL LISTED CLASS 'A' FIRE-RESISTIVE ROOF ASSEMBLY COMPLYING WITH ASTM E108 OR UL 790.
- VENTS SHALL RESIST THE INTRUSION OF FLAME AND EMBERS THROUGH THE VENTILATION
 OPENINGS, VENT OPENINGS SHALL BE PROTECTED BY CORROSION-RESISTANT,
 NONCOMBISTED WIFE MESS HITM A NINIMUM, POPRINGS AND SHALL NOT EXCEED X^{*}.
 VENTS SHALL NOT BE INSTALLED IN EAVES OR CORNICES, (PER CBC 706A2 AND CRC
 R327.6.1)
- 6. A MIN. OF 1" AIR SPACE SHALL BE PROVIDED BETWEEN INSULATION AND ROOF SHEATHING
- CLASS I OR II VAPOR BARRIER SHALL BE INSTALLED ON THE WARM-IN-WINTER SIDE OF THE CEILING IN ACCORDANCE TO THE PROVISIONS OF CHAPTER 8 SECTION R806.2 OF THE RESIDENTIAL CODE
- 8. PROVIDE VAPOR RETARDER AT ROOF JOISTS.



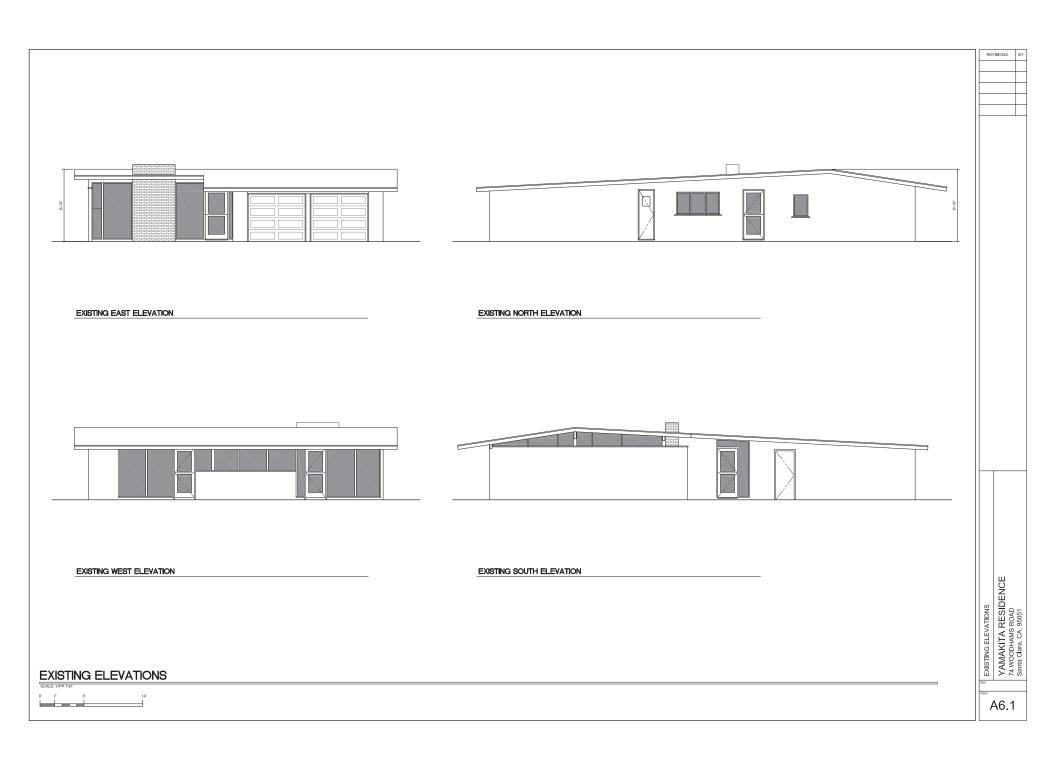


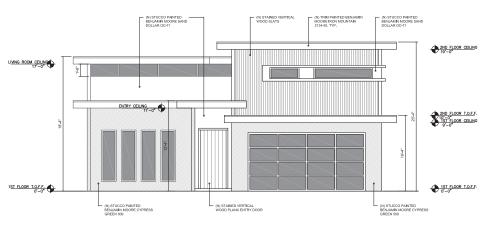




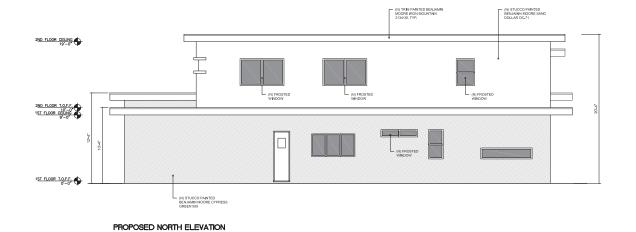
REVISIONS I

A4.2





PROPOSED EAST ELEVATION



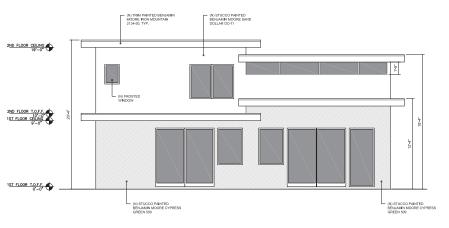
PROPOSED ELEVATIONS

0 2 6 1

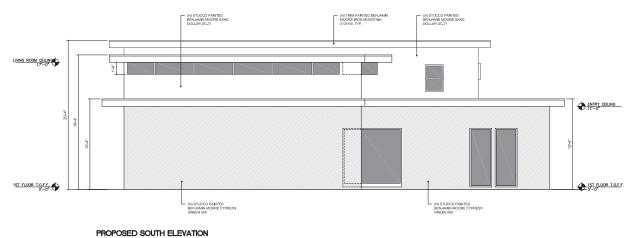
PROPOSED ELEVATIONS
YAMAKITA RESIDENCE
74 WOODHAMS ROAD
Santa Clara, CA, 95051

REVISIONS BY

A6.2



PROPOSED WEST ELEVATION



THO COLD GOOTT ELLVATIO

PROPOSED ELEVATIONS



PROPOSED ELEVATIONS
YAMAKITA RESIDENCE
74 WOODHAMS ROAD
Santa Clara, CA, 95051

REVISIONS BY

A6.3

NOTES

ALL GLAZING IN HAZARDOUS LOCATIONS MUST BE IDENTIFIED BY A LABEL (PERMANENT IF TEMPERED) AS SAFETY GLAZING. HAZARDOUS LOCATIONS ARE IDENTIFIED AS FOLLOWS:

- A. GLAZING IN ALL DOORS

 8. GLAZING IN DOORS, WALLS (WITH THE EXPOSED EDGE OF GLAZING LESS THAN 60° ABOVE DRAIN INLET) AND ENCLOSURES FOR BATHTUBS, SHOWERS, WHITE POOLS, SPAS, ETC.

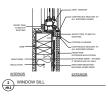
 D. GLAZING FAMELS OWER SQUARE FEET NAWNO THE LOWEST EDGE LESS THAN 18° ABOVE THE FINISH FLOOR AND HAVING A TOP EDGE GREATER THAN 3° ABOVE THE FLOOR, AND WITH 36° HORIZONTALLY OF A WALKING SURFACE.

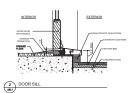
 E. GLAZING IN GUALPENELS.

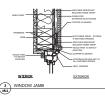
 G. GLAZING IN WALFENELS USED AS POOL BARRIER FOR INDOOR AND OUTDOOR SWIMMINS POOL.

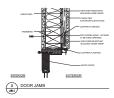
 G. GLAZING WITHIN 36° HORIZONTALLY FROM THE WALKING SURFACE STARRWAYS WITH BOTTOM EDGE LESS THAN 60° ABOVE WALKING SURFACE.

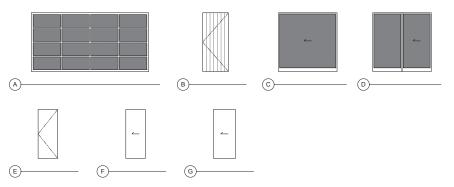






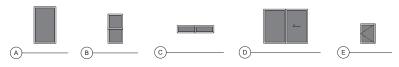






DOOR TYPES

	DOOR SCHEDULE "ALL NEW GLAZING SHALL COMPLY WITH STANDARDS OF THE U.S. CONSUMER PRODUCT SAFETY COMMISSION. MANUFACTURERS TO SUPPLY CERTIFICATE OF COMPLIANCE TO THE OWNER.											
П	SIZE			STYLE		MATERIAL		FINISH		NOTES + BRAND:		
П	WIDTH	HEIGHT	THICKNESS	TYPE	TYPE LITES FRAME BODY GLASS		GLASS	INTERIOR	EXTERIOR			
0	16"-0"	8'-0"	1 3/4"	OVERHEAD 'A'	16	ALUMINUM	CLEAR/TEMPERED	BRONZE	BRONZE	GARAGE DOOR		
2	3'-6"	8'-0"	1 3/4"	SWINGING 'B'	0	WOOD	-	STAINED	STAINED	EXTERIOR DOOR		
3	8'-0"	8'-0"	1 3/4"	POCKET 'C'	1	ALUMINUM	CLEAR/TEMPERED	BRONZE	BRONZE	EXTERIOR DOOR		
•	8'-0"	8'-0"	1 3/4"	SLIDING 'D'	2	ALUMINUM	CLEAR/TEMPERED	BRONZE	BRONZE	EXTERIOR DOOR		
(5)	2'-8"	6'-8"	1 3/4"	SWINGING 'E'	0	WOOD	-	PAINTED	PAINTED	INTERIOR DOOR		
(6)	2'-8"	6'-8"	1 3/4"	POCKET 'F'	0	WOOD	-	PAINTED	PAINTED	INTERIOR DOOR		
0	3'-0"	6'-8"	1 3/4"	SLIDING 'E'	0	WOOD	-	PAINTED	PAINTED	INTERIOR DOOR		



WINDOW TYPES

	WINDOW	/ SCHEDU	JLE:	NOTES: -ALL NOW GLAZING SHALL COMPLY WITH STANDARDS OF THE U.S. CONSUMER PRODUCT SAFETY COMMISSION, MANUFACTURERS TO SUPPLY CERTIFICATE OF COMPLIANCE TO THE OWNERTHE CADO RESISTANCE OF CLASS UNDER UNFORM LOAD SHALL BE DETERMINED IN ACCORDANCE WITH ASTME 1300THE REPORT EMPORARY LABEL DISPLAYED ON WINDOWS MUST REMAIN ON THE UNIT UNTIL FINAL INSPECTION HAS BEEN COMPLETED.										
	SIZE STYLE						MATERIALS		FINISH		ACCESSORIES	U-FACTOR	SHGC	NOTES + BRAND:
	WIDTH	HEIGHT	TYPE	OPERATION	SASH	LITES	FRAMES / SASH	GLASS	INTERIOR	EXTERIOR	SCREEN			
ᢙ	3'-0"	8'-0"	W	FIXED	1	1	ALUMINUM	CLEAR/ DUAL PANE/ LOW-E / TEMPERED	BRONZE	BRONZE	NO	0.28	0.20	
⑱	2'-0"	7'-0"	W	FIXED	1	1	ALUMINUM	CLEAR/ DUAL PANE/ LOW-E / TEMPERED	BRONZE	BRONZE	NO	0.28	0.20	
©	3'-5"	8'-0"	W	FIXED	1	1	ALUMINUM	CLEAR/ DUAL PANE/ LOW-E / TEMPERED	BRONZE	BRONZE	NO	0.28	0.20	
0	3'-5"	5'-0"	W	FIXED	1	1	ALUMINUM	CLEAR/ DUAL PANE/ LOW-E / TEMPERED	BRONZE	BRONZE	NO	0.28	0.20	
Œ	7'-0"	1'-6"	W	FIXED	1	1	ALUMINUM	CLEAR/ DUAL PANE/ LOW-E / TEMPERED	BRONZE	BRONZE	NO	0.28	0.20	
€	2'-0"	4'-0"	'B'	SINGLE-HUNG	2	2	ALUMINUM	CLEAR/ DUAL PANE/ LOW-E	BRONZE	BRONZE	YES	0.28	0.20	
©	5'-0"	1'-0"	'C'	SLIDING	2	2	ALUMINUM	FROSTED/ DUAL PANE/LOW-E	BRONZE	BRONZE	YES	0.28	0.20	
⊕	8'-0"	1'-6"	W	FIXED	1	1	ALUMINUM	CLEAR/ DUAL PANE/ LOW-E	BRONZE	BRONZE	NO	0.28	0.20	
0	4'-0"	1'-6"	W	FIXED	1	1	ALUMINUM	CLEAR/ DUAL PANE/ LOW-E	BRONZE	BRONZE	NO	0.28	0.20	
(3)	2'-6"	3'-8"	'B'	SINGLE-HUNG	2	2	ALUMINUM	FROSTED/ DUAL PANE/LOW-E	BRONZE	BRONZE	YES	0.28	0.20	
®	6'-0"	4'-8"	'D'	SLIDING	2	2	ALUMINUM	CLEAR/ DUAL PANE/ LOW-E / TEMPERED	BRONZE	BRONZE	YES	0.28	0.20	
0	2'-0"	2'-8"	'E'	CASEMENT	1	1	ALUMINUM	FROSTED/ DUAL PANE/LOW-E/TEMPERED	BRONZE	BRONZE	YES	0.28	0.20	
⊗	6'-0"	3'-8"	.D.	SLIDING	2	2	ALUMINUM	FROSTED/ DUAL PANE/LOW-E	BRONZE	BRONZE	YES	0.28	0.20	

DOOR AND WINDOW SCHEDULES

REVISIONS BY

Attachment 2: Project Data

74 Woodhams Road

Lot Size: 6,264 sq. ft.			
	Existing Floor Area (sq. ft.)	Addition (sq. ft.)	Proposed Floor Area (sq. ft.)
First Floor	1,673	238	1,911
Second Floor	-	982	982
Garage	418	-	418
Gross Floor Area	2,091		3,311
Lot Coverage	2,091/6,264 = 33%		2,329/6,264= 37%
F.A.R.	2,091/6,264 = .33		3,311/6,264=.53
% of 2 nd floor to 1 st floor	-		982/2,329= 42%
Bedrooms/ Baths	3/2		4/3
Flood Zone	X		



City of Santa Clara

1500 Warburton Avenue Santa Clara, CA 95050 santaclaraca.gov @SantaClaraCity

Agenda Report

23-560 Agenda Date: 5/10/2023

REPORT TO DEVELOPMENT REVIEW HEARING

SUBJECT

Action on a 594 square foot first floor addition and a 271 square-foot second floor addition to an existing two-story residence resulting in 3,274 square-foot two-story residence at 462 Muriel Court (CEQA: Categorical Exemption,15301 (e)(1), Existing Facilities)

File No.: PLN22-00474

Location: 462 Muriel Court, a 10,248 square-foot lot located on the south side of Muriel Court,

west of Luther Drive; APN: 294-31-024; the property is zoned Single-Family Residential

(R1-6L).

Applicant: Michael Dern

Owner: Sam and Julie Bushell

Request: Architectural Review of a 594 square-foot first floor addition, and a 271 square-foot

second floor addition to an existing 2,409 square-foot 5-bedroom, 3-bathroom two-story

residence, resulting in a 3,274 square-foot 5-bedroom, 4.5-bathroom two-story

residence with a 395 square-foot attached two-car garage.

Proiect Data

The Project Data Table is included as Attachment 2.

Points for Consideration

- The existing residence is a 2.409 square-foot 5-bedroom. 3-bathroom two-story residence.
- The project includes a 594 square-foot first floor addition and a 271 square-foot second floor addition to the existing two-story residence, resulting in a 3,274 square-foot two-story residence with 5-bedrooms and 4.5-bathrooms.
- The proposed addition to the residence will consist of new composition shake roofing and lap siding to match the existing residence.
- The second story addition provides the minimum step backs outlined in the Single-Family Residential Design Guidelines with a front step back of more than 10 feet, a rear step back of 3 feet, and a side stepback of more than 20 feet from the first story wall. The existing second story is flush with the first story wall on the left side.
- There are no active City code enforcement cases for this property.
- A neighborhood notice was distributed within a 300-foot radius of the subject site for this
 project review.

Findings

- 1. That any off-street parking area, screening strips and other facilitates and improvements necessary to secure the purpose and intent of this title and the general plan of the City area a part of the proposed development, in that;
 - The development provides the required two car covered parking spaces within the existing

23-560 Agenda Date: 5/10/2023

garage.

• The required parking spaces are not located in the required front yard or side yard landscaped areas.

- The development provides the minimum required driveway length of twenty feet between the parking and any street right-of-way line.
- 2. That the design and location of the proposed development and its relation to neighboring developments and traffic is such that it will not impair the desirability of investment or occupation in the neighborhood, will not unreasonably interfere with the use and enjoyment of neighboring developments, and will not create traffic congestion or hazard, in that;
 - The proposed residence resulting in 5-bedrooms and 4.5-bathrooms would not create traffic congestion or hazards.
 - The project includes a condition to maintain the garage clear and unobstructed for parking of two vehicles.
 - Public streets are adequate in size and design to serve the proposed single-family residence, and the use will not create an increase in traffic.
- 3. That the design and location of the proposed development is such that it is in keeping with the character of the neighborhood and is such as not to be detrimental to the harmonious development contemplated by this title and the general plan of the City, in that;
 - The proposed development is a two-story residence that is consistent with the scale and design and similar to that of the surrounding neighborhood which consists of a mix of one- and two-story residences.
- 4. That the granting of such approval will not, under the circumstances of the particular case, materially affect adversely the health, comfort or general welfare of persons residing or working in the neighborhood of said development, and will not be materially detrimental to the public welfare or injuries to property or improvements in said neighborhood, in that;
 - The project is subject to the California Building Code and City Code requirements, which serve to regulate new construction to protect public health, safety and general welfare.
- 5. That the proposed development, as set forth in the plans and drawings, are consistent with the set of more detailed policies and criteria for architectural review as approved and updated from time to time by the City Council, which set shall be maintained in the planning division office, in that;
 - The residence will consist of lap siding and composition shake roofing.
 - The proposed project is compatible in scale and character of the residential structures present in the neighborhood.

Conditions of Approval

- Permit Expiration. This Architectural Permit shall automatically be revoked and terminated if not used within two years of original grant or within the period of any authorized extensions thereof. The date of granting of this Permit is the date this Permit is approved by the Development Review Officer.
- 2) Prior to the issuance of a Building Permit, the development of the site and all associated improvements shall conform to the approved plans with File No. PLN22-00474, on file with the Community Development Department, Planning Division.
- 3) Developer/Owner is responsible for collection and pick-up of all trash and debris on-site and

23-560 Agenda Date: 5/10/2023

adjacent public right-of-way.

4) Construction activity shall be limited to the hours of 7:00 a.m. to 6:00 p.m. weekdays and 9:00 a.m. to 6:00 p.m. Saturdays for projects within 300 feet of a residential use and shall not be allowed on recognized State and Federal holidays.

- 5) Incorporate Best Management Practices (BMPs) into construction plans and incorporate post construction water runoff measures into project plans in accordance with the City's Urban Runoff Pollution Prevention Program standards prior to the issuance of permits, including the disconnection of roof downspouts to drain over landscaped yards on site.
- 6) The garage shall always be maintained clear and free for parking of two vehicles. It shall not be used only for storage.

ENVIRONMENTAL REVIEW

Categorical Exemption per CEQA 15301 (e)(1), Existing Facilities in that the project is limited to the construction of one single-family residence.

PUBLIC CONTACT

On April 27, 2023, a notice of public hearing of this item was posted 300 feet of the project site and mailed to property owners within 300 feet of the project site. As of the writing of this report, planning staff has not received public comments for this application.

RECOMMENDATION

Use of a Categorical Exemption per CEQA 15301 (e)(1), Existing Facilities and **Approve** the 594 square foot first floor addition, and 271 second floor addition to an existing two-story residence resulting in a 3,274 square foot 5-bedroom, 4.5-bathroom two-story residence at 462 Muriel Court, subject to conditions.

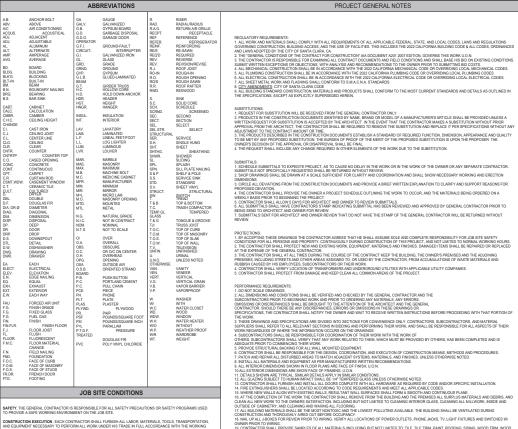
Prepared by: Tiffany Vien, Associate Planner, Community Development Department Approved by: Lesley Xavier, Planning Manager, Community Development Department

ATTACHMENTS

- 1. Development Plan
- 2. Project Data Table

BUSHELL RESIDENCE

462 MURIEL COURT SANTA CLARA, CA 95051



JOB SITE CONDITIONS

SAFETY, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY PRECAUTIONS OR SAFETY PROGRAMS USED TO PROVIDE A SAFE WORKING ENVIRONMENT ON THE JOB SITE.

CONSTRUCTION EXECUTION, EACH CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, TRANSPORTATION AND EQUIPMENT NECESSARY TO PERFORM ALL WORK UNDER HIS TRADE IN FULL ACCORDANCE WITH THE WORKING DRAWINGS, SPECIFICATIONS AND CONTRACTS.

THE RESPONSIBLE PARTY, EITHER THE PROJECT OWNER OR THIS SIGNED DESIGNER, SHALL BE NOTIFIED OF

STORAGE, MATERIALS STORED ON SITE SHALL BE PROTECTED FROM DAMAGE BY MOISTURE, WIND, SUN, ABUSE OR

CHANGES, ANY MINOR OR REQUIRED CHANGES OR MODIFICATIONS TO THIS PLAN DO NOT REDUCE OR YOLD THE COPYRIGHTS COVERING THIS SET OF PLANS IN ANY WAY. MODIFICATIONS TO THIS PLAN, FOR ANY REASON, SHOULD BE ATTEMPTED BY AND AC

MATERIALS, ALL MITERIALS SUPPLIES AND COUPMENT SHALL BE INSTALLED PER MANUFACTURERS IN RECOMMENDATIONS AND PER APPLICATE CODES AND REQUIREMENTS. THE DESIGNER SHALL HAVE NO CONTROL SESSIOLATION OF PROPERLIES IN CONSIDERATION WITH THE WORK, PER HE ACTS OF CONSISTS OF THE CONTROLTOR, SUB-CONTROLTOR, OR ANY OTHER PERSON PERFORMING ANY OF THE WORK, OR FOR THE FALLINE OF ANY OT THEM TO ARRY OUT THE WORK AN ACCORDANCE WITH THE CONTROLTOR COMMENDATION.

SUBMITTALS: 1. SCHEDIUS SUBMITTALS TO EXPEDITE PROJECT, AS TO CAUSE NO DELAY IN THE WORK OR IN THE WORK OF THE OWNER OR ANY SEPARATE CONTRACTOR. SUBMITTALS NOT SPECIFICALLY REQUESTED SHALL BE RETURNED WITHOUT REVIEW. 2. SHOP DRAWINGS SHALL BE DRAWN AT A SCALE SUFFICIENT FOR CLARIFY AND COORDINATION AND SHALL SHOW NECESSARY WORKING AND ERECTION.

LIMBENSIONS.
3. CIRCLE ALL DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS AND PROVIDE A BRIEF WRITTEN EXPLANATION TO CLARIFY AND SUPPORT REASONS FOR

PROPOSED DEVIATION.

4. THE CONTRACTOR SHALL PROVIDE THE OWNER A PROJECT SCHEDULE OUTLINING THE WORK TO OCCUR, AND THE MATERIALS BEING ORDERED ON A
MICEGAL Y BASIS DEVIAD TO BECAMBING THE DRIVING.

OWERS PROBE TO VIRING.

19 CONTRECTOR SHELL PROVIDE SAMPLES OF ALL MATERIALS (INCLIDING BUT NOT LIMITED TO: THE, THE TRIM, PAINT, ROOFING, SIDING, WOOD TRIM, WOOD BASE, COUNTRECTORS AND INACIDINAR, 170 THE OWNER FOR PAPHON, PROBE TO DECERBING MATERIAL PROPERTY AND INACIDINARY TO THE OWNER FOR THE OWNER PAPHON TO DECEMBER OWNER FOR THE SPECIAL WIRRING REQUIREMENTS SUCH AS ALARSEA AND STEPS OF STEPS.

THE CONSTRUCTION DOCUMENTS.
22. A MANIMUM OF 80 PERCENT OF THE CONSTRUCTION WASTE GENERATED AT THE SITE IS DIVERTED TO RECYCLE OR SALVAGE.
23. AND OFFERATION AND MAINTENANCE MANIAL SHALL BE PROVIDED TO THE BUILDING OCCUPANT OR OWNER. DEFINITIONS. "PHYPICAL" MEANS IDENTICAL FOR ALL SMILLAR CONDITIONS, U.O. I "SIMILAR" MEMONS COMPARABLE CHARACTERISTS FOR THE CONDITIONS OFFICE "AUGN" MEMS TO ACCURATELY LOCATE.

PROJECT DATA SHEET INDEX OCAL JURISDICTION CITY OF SANTA CLARA, CA

294-31-024 ASSESSOR'S PARCEL NUMBER: PROJECT ADDRESS: R1-6L - SINGLE FAMILY R-1 SINGLE FAMILY RESIDENTIAL OCCUPANCY GROUP:

CONSTRUCTION TYPE: TYPE V.B (NON-SPRINKI FRED) NO. OF STORIES:

LOT SIZE / AREA: 10,248 SF

EXISTIING
(E) FIRST FLOOR 1,635 SF
(E) SECOND FLOOR 774 SF
(E) 2-CAR GARAGE 458 SF
2,867 SF 1,045 SF 458 SF 3,732 SF

CODE REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE FOLLOWING 2022 CALIFORNIA BUILDING STANDARDS CODE, CCR TITLE 24:

APPLICABLE BLILLDING CODES:

2022 CALIEODNIA BLIJI DING CODE (CBC)

2022 CALIFORNIA MECHANICAL CODE (CMC) 2022 CALIFONRIA PLUMBING CODE (CPC)

022 CALIFORNIA ELECTRICAL CODE (CEC)

202 CALIFORNIA ENERGY CODE

2022 CALIFORNIA FIRE CODE

2022 CALIFORNIA GREEN BUILDING CODE 2022 CALIFORNIA STANDARDS CODE

022 CALIEODNIA DESIDENTIAL CODE

CITY AMENDMENTS: CITY OF SANTA CLARA CODE

SCOPE OF WORK

ADDITION TO AND REMODEL THE EXISTING HOUSE AT THE FIRST

REFERENCE MAP

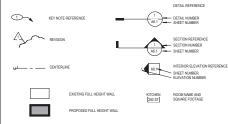
PROJECT SITE

뿘	SHEET NAME	É
ARCHIT	ECTURAL	
A0.1	PROJECT DATA AND INFORMATION	
A0.2	CAL GREEN REQUIREMENTS)
A0.3	CALGREEN REQUIREMENTS)
A0.4	MF-1R MANDATORY RESIDENTIAL)
A1.1	EXISTING SITE PLAN)
A1.2	PROPOSED SITE PLAN)
A1.3	EXISTING AREA VS. PROPOSED AREA)
A2.1	EXISTING FIRST FLOOR)
A2.2	PROPOSED FIRST FLOOR)
A2.3	EXISTING SECOND FLOOR)
A2.4	PROPOSED SECOND FLOOR)
A3.2	PROPOSED ROOF PLAN)
A4.1	EXISTING EXTERIOR ELEVATIONS)
A4.2	EXISTING EXTERIOR ELEVATIONS)

PROPOSED EXTERIOR ELEVATIONS

PROPOSED EXTERIOR ELEVATIONS

GENERAL NOTES LEGEND







ARCHITECT
DERN ARCHITECTURE + DEVELOPMENT, PC LOS GATOS, CA 95032 MICHAEL DERN AIA PRINCIPAL

SAM AND THE BUSHELL 462 MURIEL COURT SANTA CLARA, CA 95051

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2

USHELL

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2003

4/14/2023

DEVELOPMENT REVIEW

PROJECT DATA AND INFORMATION

A0.1

DISCLAMED THE DOMINENT IS SEQUENCE AND INTERINED TO BE LISTED AS A MEANS TO INDICATE ABOVE OF COMES MADE WITH THE CALL

MAYLIDESH DALIT 2273 PRUNERIDGE AVENUE SANTA CLARA, CA 95050 (617) 849-2025

6.1 RODENT PROOFING. Amular spaces around pipes, electric cables, conduits or other op sole/bottom plates at exterior walls shall be protected against the passage of rodents by clooperings with cement mortar, concrete masonry or a similar method acceptable to the enforcement. 4.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING



ENCE SIDI Ш 2 **USHELL**

2003

1/11/2023

DEVELOPMENT REVIEW

CAL GREEN

A0.2

DIRECT-VENT APPLIANCE. A fuel-burning appliance with a sealed combustion system that draws all air for combustion from the outside atmosphere and discharges all flue gases to the outside atmosphere.

CHAPTER 3 4.304 OUTDOOR WATER USE
4.304.1 OUTDOOR POTABLE WITER USE IN LANDSCAPE AREAS. Residential developments shall comply with GREEN BILLI DING relior subpanel circuit directiny shall identify the overcurrent protective device space(s) ing purposes as "EV CAPARLE" in accordance with the California Electrical Coda. SECTION 301 GENERAL 301.1 SCOPE. Buildings shall be designed to include the greer building measures specified as mandatory in he application checklists contained in this code. Voluntary green building measures are also included in the explication checklists and may be included in the eleging and construction of structures covered by his code, lot are not required unless adopted by a city, county, or city and country as specified in Section 101.7. 4.100.4.2.3 Electric Vehicle Ready Space Styringe.
Electric vehicle ready spaces shall be identified by signage or pavement markings, in compliance with Caltans Traffic Operations Policy Directive 13-01 (2nd Emission Vehicle Signs and Pavement Markings) or its 301.1.1 Additions and alterations. [HCD] The mandabry provisions of Chapter 4 shall be applied to additions or alterations of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. The requirements shall apply only to and/or within the specific area of the addition or alteration. han 20 sleeping units or guest rooms.
The number of dwelling units, sleeping units or guest rooms shall be based on all buildings on a project site subject to DIVISION 4.4 MATERIAL CONSERVATION AND RESOURCE 1.EV Capable. Ten (10) percent of the total number of parking spaces on a building site, provided for all typer of parking facilities, shall be electric vehicle charging spaces (EV spaces) capable of supporting future Level? EVEC. Electrical load calculations shall be electrical paralle service capacity and electrical system, including any on-site distribution transformer(s), here sufficient capacity and sufficient capacity and electrical paralle service.
EVEX stall required by spaces at a minimum of 40 appears. The mandatory provision of Section 4.106.4.2 may apply to additions or alterations of existing particulates or the addition of new parking facilities serving existing multifamily buildings. See Section 4.106.4.3 for anonization. 4.406 ENHANCED DURABILITY AND REDUCED MAINTENANCE Note: On and after January 1, 2014, residential buildings undergoing permitted attentions, additions, or improvements shall replace noncompliant plumbing flotures with water-conserving plumbing flutures. Plumbing fluture replacement is required prot to issuames of a certificate of final completion, certificate of occupancy or final permit approval by the local building department. See CNH Code Section 1101.1, et see, as the deficient of a noncompliant plumbing fluture, pluse of residential utilizings affected and DIVISION 4.2 ENERGY EFFICIENCY When EV chargers (Level 2 EVSE) are installed in a number equal to or greater than the required number of EV capable spaces. 4.201 GENERAL
4.201.1 SCOPE. For the ourcoses of mandatory energy efficiency standards in this code, the California Energy
4.201.1 SCOPE. The ourcoses was naticel mandatory standards. 2.When EV chargers (Level 2 EVSE) are installed in a number less than the required number of EV capable spaces, the number of EV capable spaces required may be reduced by a number equal to the number of EV chargers installed. 301.2 LOW-RISE AND HIGH-RISE RESIDENTIAL BUILDINGS. [HCD] The provisions of Excavated soil and land-learing debris.
 Memate water reduction methods developed by working with local agencies if diversioner classification of the production of th DIVISION 4.3 WATER EFFICIENCY AND CONSERVATION DIVISION 4.3 INDOOR WATER USE
4.303 INDOOR WATER USE
4.303.1 WATER CONSERVING PLUMBING INTURES AND FITTINGS. Plumbing fintures (water closets and 4.303.1 WATER CONSERVING PLUMBING INTURES AND FITTINGS.) Plumbing fintures (water closets and 4.303.1 WATER CONSERVING PLUMBING INTURES AND FITTINGS.) Plumbing fintures (water closets and 4.303.1 WATER CONSERVING PLUMBING INTURES AND FITTINGS.) Plumbing fintures (water closets and 4.303.1 WATER CONSERVING PLUMBING INTURES AND FITTINGS.) uments are intended to demonstrate the project's capability and capacity for facilitating b. There is no requirement for EV spaces to be constructed or available until receptacles for EV charging or EV chargers are installed for use. All noncompliant plumbing fixture in any residential real property shall be replaced with water-conserving plumbing fixture. Plumbing fixture replacement is required prot to issuance of a certificate of fixture replacement is required prot to issuance of a certificate of fixer completion, certificate of coccupancy, of that permit approval by the local building department. Set of Code Section 1101.1, it see, if the definition of a noncompliant plumbing fixture, types of residential buildings affected and other impostal reactivent dates. SECTION 302 MIXED OCCUPANCY BUILDINGS 4.408.2 CONSTRUCTION WASTE MANAGEMENT PLAN. Submit a construction waste management plan in conformance with Items 1 through 5. The construction waste management plan shall be updated as necessary and shall be available during construction for examination by the enforcing agent. 302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building had rounded with the specific orean building measures applicable to each specific occupancy. 2.EV Ready. Twenty-five (25) percent of the total number of parking spaces shall be equipp. Level 2 EV charging receptacles. For multifamily paking facilities, no more than one recepta dwelling unit when more than one parking space is provided for use by a single dwelling unit. stions:

1. IHCDI Accessory structures and accessory occupancies serving residential buildings shall comply with Chapter 4 and Appendix AA, as appliable, 2. IHCDI For purposes of AALGeren, livelwork units, complying with Section 419 of the Californ Building Code, shall not be considered mixed occupancies. LivelWork units shall comply with Chapter 4 and Appendix AA, as applicable. Specify if construction and demotition waste materials will be sorted on-site (source separated) or bulk mixed (single stream).
Identify diversion facilities where the construction and demotition waste material collected will be taken. Exception: Areas of parking facilities served by parking lifts. .106.4.2.2 Multifamily development projects with 20 or more dwelling units, hotels and motels with 20 or mo leeping units or guest rooms. he number of dwelling units, siepeling units or guest rooms shall be based on all buildings on a project site subject to Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush. DIVISION 4.1 PLANNING AND DESIGN ken. entify construction methods employed to reduce the amount of construction and demotion waste generated.

5. Specify that the amount of construction and demolition waste materials diverted shall be acculated by weight or volume, butnot by both. ABBREVIATION DEFINITIONS: 1.EV Capable. Ten (10) percent of the total number of parking spaces on a building site, provided for all of parking facilities, shall be electric vehicle charging spaces (EV spaces) capable of supporting future I VEVE. Electrical and calculations shall demonstrate that the electrical panel service capacity and electric system, including any ox-site distribution transforme(s), have sufficient capacity to simultaneously charge EVs at all required by spaces at a minimum of 40 angence. 4.408.3 WASTE MANAGEMENT COMPANY. Utilize a waste management company, approved by the enforcing agency, which can provide verifiable documentation that the percentage of construction and demoition waste material diverted from the landfill complete with Section 4-408.1. 4.303.1.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.1 gallons per minute at 80 psi, or the shower shall be designed to only allow one shower outlet to be in overation at a time. Exception: When EV chargers (Level 2 EVSE) are installed in a number greater than five (5) percent of parking spaces required by Section 4.106.4.2.z, tem 3, the number of EV capable spaces required may be reduced by a number equal to the number of EVchargers installed over the five (5) percent required. 4.408.4 WASTE STREAM REDUCTION ALTERNATIVE [LR]. Projects that generate a total comoined weight of construction and denotifien waste disposed of in landfills, which do not exceed 3.4 lbs. log. L of the building aret shall meet be minimum 65% construction waste reduction requirement. CHAPTER 4 RESIDENTIAL MANDATORY MEASURES Note: A hand-held showershall be considered a showerhear 4.408.4.1 WASTE STREAN REDUCTION ALTERNATIVE. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 2 pounds per square foot of the building area, shall meet the minimum 65% construction waste reduction requirement in Section 4.081. SECTION 4.102 DEFINITIONS 1 DEFINITIONS lowing terms are defined in Chapter 2 (and are included here for reference) 408.5 DOCUMENTATION. Documentation shall be provided to the enforcing agency which demonstrates compliance with Section 4.448.2, items 1 through 5, Section 4.408.3 or Section 4.408.4... 2.EV Ready. Twenty-five (25) percent of the total number of parking spaces shall be equipped with low power Level 2 EV charging receptacles. For multifarmity pasking facilities, no more than one receptacle is required per dwelling unit when more than one parking space is provided for use by a sincel dwelling unit. 4.303.1.4.2 Lavatory Faucets in Common and Public Use Areas. The maximum flow rate of traucets installed in common and yublic use areas (outside of dwellings or sleeping units) in reside buildings shall not exceed 0.5 anabre ser minute at 60 as. Sample forms found in "A Guide to the California Green Building Standards Code (Residential)" located at www.hock.ac.gov/CALGreen.html may be used to assist is documenting comisiance with this section.
 Mased construction and demolition debries (Cs. D) processors can be located at the California Department of Resources Recycling and Recovery (Califlecycle). Exception: Areas of parking facilities served by parking lifts. 4.303.1.4.3 Metering Faucets. Metering faucets when installed in residential buildings shall not deliw more than 0.2 gallons per cycle. 4.10€ SITE DEVELOPMENT 3.EV Chargers. Five (5) percent of the total number of parking spaces shall be equipped with Level 2 EVSE. Where common use parking is provided, at least one EV charger shall be located in the common use parking area and shall be available for use by all residents or guests. 4.303.1.4.4 Kitchen Faucets. The maximum flow rate of kitchen faucets shall not exceed 1.8 gillons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate but n to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi. 4.410 BUILDING MAINTENANCE AND OPERATION
4.410.1 OPERATION AND MAINTENANCE MANUAL. At the time of final inspection, a manual, compact When low power Level 2 EV charging recognises or Level 2 EVSE are installed beyond the minimum required, an automotic load management system (ALSD) may be used to reduce the maximum required electrical and automotic load management system (ALSD) may be used to reduce the maximum required electrical shall have sufficient closed to shall be a solid to the solid to the solid to the solid electrical shall have sufficient closed to shell the solid and solid to the solid electrical secretary to be a file of the solid electrical shall have a minimum capacity of 40 ampeas, and installed EVSE shall secretary the solid electrical shall have a minimum capacity of 40 ampeas, and installed EVSE shall secretary the solid electrical shall be shall be shall be shall be shall be shall be shall shall be sh .106.3 STORM WATER DRAINAGE AND RETENTION DURING CONSTRUCTION. Projects which dist han one acre of soil and are not part of a larger common plan of development which in total disturbs one as or more, shall manage storm water drainage during construction. In order to manage storm water drainage curing construction, one or more of the following measures shall be implemented to prevent flooding of adja property, prevent erosion and retails soil runoff on the site. Retention basins of sufficient size shall be utilized to retain storm water on the site.
 Where storm water is conveyed to a public drainage system, collection point, gutter or similar disposal method, water shall be filtered by us of a briefer system, water or other method apply by the efforcing agency.
 Compliance with a lawfully enacted storm water management ordinance. 4.303.1.4.5 Pre-rinse spray valvts.
When installed, shall meet the recurrements in the Californis Code of Regulations, Title 20 (Appliance Efficiency Regulations), Sections (605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 607 (d)(7) and shall be equipped with an integral automatic shutoff. 4.106.4.2.2.1 Electric vehicle charging stations (EVCS).
Electric vehicle charging stations required by Section 4.106.4.2.2, Item 3, shall comply with Section 4.106.4.2.2.1. Exception: Electric vehicle charging stations serving public accommodations, public housing, motels and hotels shall not be required to comply with this section. See California Building Code, Chapter 11B, for applicable Note: Refer to the State Water Resources Control Board for proects which disturb one acre or more of soil, or are part of a larger common plan of development which in total disturbs one acre or more of soil. 4,106.4.2.2.1.1 Location.
EVCS shall comply with at least one of the following opions: (Website: https://www.waterboards.ca.gov/water_issues/prograns/stormwater/construction.html) £.106.3 GRADING AND PAVING. Construction plans shall indicate hew the site grading or drainage systenanage all surface water flows to keep water from entering buildings. Examples of methods to man vater include, but are not limited to, the following: 1. The charging space shall be located adjacent to an accessible parking space meeting the requirements of the California Building Code, Chapter 11A, to allow use of the EV charger from the accessible parking space STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY
VALUES MANUFACTURED ON OR AFTER JANUARY 28, 2019 2.The charging space shall be located on an accessible route, as defined in the California Building Code, Chapter 2, to the building. Swales
 Water collection and disposal systems
 French drains
 French drains
 Water retention gardens
 Other water measures which keep surface water away from buildings and aid in groun recharge. ODUCT CLASS

f------ in ounce force (ozf)] feet away from the foundation.

Information or required outline maintenance measures, including, but not limited to, causing,

Information are required outline maintenance measures, including, but not limited to, causing,

Information about state state arenty and incentive programs available.

In A roup of all special impections ventionations required by the enforcing agency or this code.

In A roup of all special impections ventionations required by the enforcing agency or this code.

Solar around residential structures.

Solar around residential structures.

Solar around residential structures. Exception: Electric vehicle charging stations designed and constructed in compliance with the California Building Code, Chapter 11B, are not required to comply with Section 4.106.4.2.2.1.1 and Section 4.106.4.2.2.1.2 item 3. MAXIMUM FLOW RATE (gpm) Product Class 1 (≤ 5.0 ozt) 4.106.4.2.2.1.2 Electric vehicle charging stations (EYCS) dimensions.

The charging spaces shall be designed to comply with the following: oduct Class 2 (> 5.0 ozf and ≤ 8.0 ozf) Exception: Additions and alterations not altering the drahage path. ASPIZA MELTICLING BY OCCUPANTS. Where o or more materiantly destings under constituting on a validing also, provide readily accessible area(s) that serves all buildings on the also and are identified for the speciality, storage of collection of non-hazardous materials for recycling, including it a minimum) paper, corruptated cardboard, glass, plastic, organic waster, and metals, or meet a lawfully enacted local egycling ordanace, if more exercitive. 4.106.4 Flectric vehicle (FV) charging for new construction. New construction shall comply with Sections. 4.106.4.1 or 4.106.4.2 to facilitate future installation and use of FV chargers. Electric vehicle supply earinemet (EVSE) shall be installed in accordance with the California Electrical Code, Article 625. 1. The minimum length of each EV space shall be 18 feet (5486 mm). 2. The minimum width of each EV space shall be 9 feet (2743 mm). 3.One in every 25 charging spaces, but not less than one, shall also have an 8-foot (2438 mm) wide minimum aisle. A 5-foot (1524 mm) wide minimum aisle shall be permitted provided the minimum width of the EV space is 12 feet (3858 mm). 4.303.2 Submeters for multifamily buildings and dwelling units in mixed-used residential/cor ings.

Submeters shall be installed to measure water usage of individual rental dwelling units in accordance with the Catfornia Plumbing Code. Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Cide Section 42649.82 (a)(2)A) et seq. are note required to comply with the organic waste portion of this section. power.

12. Where there is evidence suitable to the local enforcing agency substantiating that addition local utility infrastructure design requirements, deneity related to the implementation of Section 4-106.4, may adversely impact the constructioncost of the project.

Accessory Dwelling Units (ADU) and Junior Accessory Dwelling Units (JADU) without addition parting facilities. 4.106.4.2.2.1.3 Accessible EV spaces. In addition to the requirements in Section. 4.106.4.2.2.1.1 and 4.106.4.2.2.1.2 all EVSE, when installed, shall comply with the accessibility provisions for EV chargers in the California Building Code, Chapter 116. EV ready spaces and EVCS in multifamily developments shall comply with California Building Code, Chapter 11A, Section 1109A. DIVISION 4.5 ENVIRONMENTAL QUALITY NOTE: THIS TABLE COMPILES THE DATA IN SECTION 4.303.1, AND IS INCLUDED AS A CONVENIENCE FOR THE USER. SECTION 4.501 GENERAL 4.501.1 Scope 4.104.A.1 New one- and two-family dentilings and townhouses with statched private gargaes. For con-venting rule is used is later increases by a commodation, a delicated 2016-04-oil town from it. The noneing-shall not be less than trade size of (nominal 1-inch inside dismete). The processy shall originate at the main service or subspaned and shall terminate into a listed calente, for other enclosure in lone promisity to the proposed location of an EV charger. Receively are required to be continuous at enclosed, funccessible or 1002/04-04 terminate medicated branch could and space(s) reserved by presert listation of a transit-charge. 11.1 Scope provisions of this chapter shalloudline means of reducing the quality of air contaminants that are odorous, titing and/or harmful to the combrt and well being of a building's installers, occupants and neighbors. 4.196.4.2.3 EV space requirements.

1. Single EV space requirements.

1. S TABLE - MAXIMUM FIXTURE WATER USE SECTION 4.502 DEFINITIONS 5.102.1 DEFINITIONS FIXTURE TYPE AGRIFIBER PRODUCTS. Agrifiber products include wheatboard, strawboard, panel substrates and door cores, not including furniture, fixtures and equipment (FF&E) not considered base building elements, MAX. 1.2 GPM @ 60 PSI MIN. 0.8 GPM @ 20 ception: A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit it stated in close roximity to the location or the proposed location of the EV space, at the time of original struction in accordance with the California Electrical Code. COMPOSITE WOOD PRODUCTS Composite wood products include handwood plywood, particlelogard and medium density fiberhoard. "Composite wood products" does not include handboard, structural plywood, structural parents, buttural composite in whether, oriented strath board, glued stamstated timber, prefibercised wood l-joists or finger-jointed lumber, all as specified in California Code of regulations (CCR), site 17, Sectio 93120.1. LAVATORY FAUCETS IN COMMON & PUBLIC USE AREAS

2.Multiple EV spaces required. Construction documents shall indicate the raceway termination point and the location of installed or future EV spaces, recopitables or EV changers. Construction documents shall also provide electrical last calculators. Plain delay in fall be based upon a EV regime infinition thereof for Construction raceways and related components that are planned to be installed underground, enclosed, haccessible or in conceiled name and agrees shall be installed at the time of original construction.

1.8 GPM @ 60 PS

0.2 GAL/CYCLE

1.28 GAL/FLUSH

0.125 GAL/FLUSH

KITCHEN FALICETS

METERING FAUCETS

WATER CLOSET

URINALS



California 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

RESIDENTIAL MANDATORY MEASURES, SHELL 2 (January 2023)

CHAPTER 7 TABLE 4.504.2 - SEALANT VOC LIMIT TABLE 4.504.5 - FORMALDEHYDE LIMITS: INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS the "Base Reactive Organic Gais (NCXs) mixture per majoral of a gam (g O'g) (RCC).

Alima for individual compounds and hydrocarbon solvents are specified in CCR, Title 17, Sections 94700 702 QUALIFICATIONS VOC LIMIT PRODUCT CURRENT LIMIT ARINE DECK HARDWOOD PLYWOOD COMPOSITE CORE PRODUCT WEIGHTED MIR (PMMIR). The sum of all weighted-MIR for all ingredients in a product subject to this settled. The PMMIR is the hold product reactivity expressed to hundredths of a gram of coons formed per gram of reduct (sexulating container and psekaging).

When PMMIR is calculated according to equations found in COR, Title 7, Section 94521 (a). MEDIUM DENSITY FIBERBOARD ROADWAY SINGLE-PLY ROOF MEMBRANE VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIF
BY THE CALIF. AIR RESOURCES BOARD, AIR TOXICS CONTROL
MEASURE FOR COMPOSTE WOOD AS TESTED IN ACCORDAN
WITH ASTME 1333. FOR ADDITIONAL INFORMATION, SEC CAL
CODE OF REGULATIONS TITLE 17, SECTIONS 93120 THROUGH
93120.12. REACTVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to SEALANT PRIMERS 702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the sweet or the responsible entity acting as the owner's agent shall entityly one or more special respections to provide respective of the relative inspection of the conflictation or qualifications acceptable to the enforcing agency, the shortering agency and revokating the qualification of a special inspection of NON-POROUS DIFIED BITUMINOUS 500 Certification by a national or regional green building program or standard publisher.
 Certification by a statewise energy consulting or verification organization, such as HERS raters, building performance contractions and nemergy audious.
 Successful complication or a flitted party apprecise training program in the appropriate train.
 Other programs acceptable to the effections gapency. ARINE DECK DIVISION 4.5 ENVIRONMENTAL QUALITY (continued) 304.1CVERMs of the time of rough installation, during storage on he construction site and until final tartup of the heating, cooling and ventilating equipment, all dust and other related air distribution component perings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to duce he amount of water, dust or debris which may enter the system. s://www.odph.ca.gov/Programs/CCDPHP/IDEODC/EHLB/IAQ/Pages/VOC.aspx. .504.2FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with this section. TABLE 4.504.3 - VOC CONTENT LIMITS FOR 4.594.3.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirement California Department of Public Health, 'Standard Method for the Testing and Evaluation of Volatile Orga Chemical Emissions from Indoor Sourcos Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specification 01350) BSC) When required by the enforcing agency, the owner or the reportable entity acting as the owner's agent priviley used revision and the state of the priviley of the state of the receiver of the state of the state of the his code. Special reportions shallowed by the state of the state of the state of the entire of the state of the entire of the state of 4504.2.1 Adhesives, Sealants and Caulks. Adhesives, sealart and caulks used on the project shall meet th requirements of the following standards unless more stringent load or regional air pollution or air quality ARCHITECTURAL COATINGS23 See California Department of Public Health's website for certification programs and testing labs LAT COATINGS https://www.odph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx. 4 504 3.2 Carpet arthesive. All carpet arthesive shall meet the requirements of Table 4 504 1 IONFLAT-HIGH GLOSS COATINGS 4.594.4 RESILIENT FLOORING SYSTEMS. Where resilient flooring is installed , at least 80% of floor 703 VERIFICATIONS ALLIMINUM ROOF COATINGS SEMENT SPECIALTY COATINGS Day California Department of Dublic Mealth's website for certification programs and testing lab BITI IMINOLIS ROOF COATINGS htps://www.odph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx. ITUMINOUS ROOF PRIMERS 4.504.5 COMPOSITE WOOD PRODUCTS. Hindwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air ToxicoControl Measure for Composite Wood (17 CCR 93120 et seq.) by or before the dates specified in those sections, as shown in Table 4-50. CONCRETE CURING COMPOUNDS ONCRETE/MASONRY SEALERS 4504.2.3 Aerosol Paints and Coatings. Aerosol paints and coitings shall meet the Product-weighth Limits for ROC in Section 4452(2)(2) and other requirements, including prohibitions on use of certain compounds and coanne deploting substances, in Sections 4952(2)(1) and (1)(1) of Californic Code Regulations, Tille 17, commencing with Section 49500, and in areas under the jurisdiction of the Bay (Calify Management Dissist additionally comply with the perion VPCD by weight of product limits of R RIVEWAY SEALERS DRY FOG COATINGS Product conflications and spelfications.
 Product conflications and spelfications.
 Product conflications and spelfications.
 Product conflications and spelfications.
 Product based and invoices is meeting the Composite Wood Products regulation (see
CCM, "Test 7, Section SED20 et says."
 Product based and invoices invoices in meeting the Composite Wood Products regulation (see
CCM," Test 7, Section SED20 et says.
 Wood Association, the Australian ASSV22 2016, European ES3 55 standards, and Canadian DSA
CVII. CSA VII.5. CSA VII.5. and CSA SOS sententions. FIRE RESISTIVE COATINGS FORM-RELEASE COMPOUNDS 4.505 INTERIOR MOISTURE CONTROL
4.505.1 General: Ruildings shall meet or exceed the provisions of the California Building Standards Code DUSTRIAL MAINTENANCE COATINGS TABLE 4 504 1 - ADHESIVE VOC LIMIT-OW SOLIDS COATINGS: 4.595.2 CONCRETE SLAB FOUNDATIONS. Concrete slab foundations required to have a vapor retarder by California Buliding Code, Chapter 19, or concrete slab-on-ground floors required to have a vapor retarder by the California Residential Code, Chapter 5, shall asso comply with this section. GNESITE CEMENT COATING ARCHITECTURAL APPLICATIONS MASTIC TEXTURE COATINGS ARPET PAD ADHESIVES MULTICOLOR COATINGS A 4-inch (101.6 mm) thick base of 1/2 inch (12.7mm) or larger clean aggregate shall be pro a vapor barrier in direct constat with concrete and a concrete mix design, which will addres ACI 302.726 cells failt, sailt as used. The abilitizer information, see Princisco Exercision ACI 302.726.726 page 102.000 per control principles of the WOOD FLOORING ADHESIVES PRIMERS SEALERS & UNDERCOLLERS EACTIVE PENETRATING SEALERS ECYCLED COATINGS 4.505.3 MOISTURE CONTENT OF BUILDING MATERIALS. Building materials with vis shall not be installed. Wall and floor framing shall not be enclosed when the framing men enistance contents. Moisture content shall be wrifted in compliance with the following: ERAMIC TILE ADHESIVES ROOF COATINGS /CT & ASPHALT TILE ADHESIVES RYWALL & PANEL ADHESIVES SHELLACS 1. Modulate community are a second on the page of t MULTIPURPOSE CONSTRUCTION ADHESIVE STRUCTURAL GLAZING ADHESIVES SPECIALTY PRIMERS, SEALERS & JINDERCOATERS THER ADHESIVES NOT LISTED TAINS SPECIALTY APPLICATIONS 4.506 INDOOR AIR QUALITY AND EXHAUST
4.506.1 Bathroom exhaust fans. Each bathroom shall be mechanically ventilated and shall comply with the CPVC WELDING ABS WELDING TUB & TILE REFINISH COATINGS PLASTIC CEMENT WELDING WOOD COATINGS CONTACT ADHESIVE WOOD PRESERVATIVES ECIAL PURPOSE CONTACT ADHESIVE GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS

TO THE COMPOUNDS

TH STRUCTURAL WOOD MEMBER ADHESIVE EXEMPT COMPOUNDS

2. THE SPECIFIED LIMITS REMAIN N EFFECT UNLESS REVISED LIMITS
ARE LISTED IN SUBSEQUENT COLLIMIS IN THE TABLE.

3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY
THE CALIFORNIA AIR RESOURCES SOARD, ARCHITECTURAL COATINGS
SUGGESTED CONTROL MEASURE, "EB. 1, 2008. MORE INFORMATION IS
AVMALABLE FROM THE AIR RESOURCES SOARD. TOP & TRIM ADHESIVE For the purposes of this section, a bathroom is a room which contains a bathfub, shower or tub/shower combination.
 Lighting integral to bathroom whaust fans shall comply with the Catifornia Energy Code. METAL TO METAL POROLIS MATERIAL (EXCEPT WOOD) The healt loss and leaf gain is established according to ANSI/ACCA 2 Manual J - 2011 (Residential Local Calculation) ASPREE handbooks or differ equivalent design orders or mithods. ASPREE handbooks or differ equivalent design software or mithods.
 Select heating and cooling equipment according to ANSI/ACCA 3 Manual S - 2014 (Residential Equipment Selection), or other equivalent design software or mithods. 2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

ARCHITECT DERN ARCHITECTURE + DEVELOPMENT, PC LOS GATOS, CA 95032 MICHAEL DERN AIA PRINCIPAL

MAYLIDESH DALIT

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2003

1/11/2023

DEVELOPMENT REVIEW

CALGREEN

A0.3

2022 Single-Family Residential Mandatory Requirements Summary

	amily residential buildings subject to the Enerty Codes must comply with all applicable mendatory measures, regardless of the compliance approach e respective section for more information.
Building Envelo	pe:
§ 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, ASTR E283, or AAMA/WDMA/CSA 101/LS.2/A440-2011.
§ 110.6(a)5:	Labeling. Fenestration products and exterior doors must have a label meeting the requirements of § 10-1118).
§ 110.6(b):	Field fabricated exterior doors and finestration products must use U factors and solar heat gain coefficient (SHGC) values from Tables 110.6-A, 110.6-B, or JA4.5 for wherior 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 strippec.
§ 110.8(a):	Insulation Certification by Manufacturers. Insulation must be certified by the Department of Consumer Afairs, Bureau of Household Goods and Services (BHGS).
§ 110.8(q):	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 reserval 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 CFTR.
§ 110.8(j):	Radiant Barrier. When required, radiant barriers must have an emittance of 0.05 or less and be certified to tip Department of Consump Affairs.
§ 150.0(a):	Roof Deck, Calling and Rather Root Insulation. Roof orders in many constructed statics in dimate zones 4 and 5.6 area-sweighted averaged. Velactor or decessing U.6 91.8 of larger order for the invitabilities. Re2 insulation is noted charge college, can enjoy and extra form in minimum. R-19 or area-sweighted average U-6xtor or U,654 or less. Action across must have parameterly attached involvation using a division or enhancinal fastisments. The across in must be passisted to prevent air lessage, Insulation must be installed in direct contact with a nod or college which is sealed to limit infiltration and enfiltration as specified in §11.91, including but not infinite ord passing insulation such a school and order to the contact with a nod or college which is sealed to limit infiltration and enfiltration as specified in §11.91, including but not infinite order passing insulation and enfiltration.
§ 150.0(b):	Loose-fill Insulation. Loose fill insulaton must meet the manufacturer's required density for the labeled R-vaue.
§ 150.0(c):	Wall Insulation. Miriman R-13 insulation in 2nd inch wood framing wall or have a U-factor of 0.102 or less, e.R-20 in 2x6 inch wood framing or have a U-factor of 0.071 or ess. Opaque non-framed assemblies must have an overall assembly U-factor not exceeding 0.16 Missorry walls must meet Tables 150: -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):	Stab Edge Insulation. Slab edge insulation must meet all of the following: have a water absorption rate, for he insulation material alon without facings, no greater than 0.3 process; have a water vapor permeanes no greater than 2.0 perm se inch; be protected from physical diamage and UV light deteriorizion; and, when installed as part of a health data floor, meet the requirements of § 1108 (g).
§ 150.0(g)1:	Vapor Retarder. In climate zones 1 though 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(6).
§ 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 colditioned 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 cutdoors must have a maximum U-factor of 0.45; or area-vaighted average U-factor of all fenestration must not exceed 0.45.
Fireplaces, Dec	orative Gas Appliances, and Gas Log:
§ 110.5(e)	Pilot Light. Continuously burning pilot ights are not allowed for indoor and outdoor fireplaces.
8 150 0(e)1:	Closable Doors. Masonry or factory-built firediaces must have a closable metal or glass door covering the entire opening of the firebox.

§ 150.0(q):	a maximum U-factor of 0.45; or area-veighted average U-factor of all fenestration must not exceed 0.45.
ireplaces, Decorr	ative Gas Appliances, and Gas Log:
§ 110.5(e)	Pilot Light. Continuously burning pilot ights are not allowed for indoor and outdoor fireplaces.
§ 150.0(e)1:	Closable Doors. Masonry or factory-brilt fireplaces must have a closable metal or glass door covering the entire opening of the firebo
§ 150.0(e)2:	Combustion Intake. Masonry or factory-built fireplaces must have a combustion outside air intake, which is at least six square inche area and is equipped with a readily accessible, operable, and tight-fitting damper or combustion-air control divice.
§ 150.0(e)3:	Flue Damper. Masonry or factory-builtfireplaces must have a flue damper with a readily accessible control."
pace Conditionin	ng, Water Heating, and Plumbing System:

Space Conditioni	ng, Water Heating, and Plumbing System:
§ 110.0-§ 110.3:	Certification. Heating, ventilation, and air conditioning (HVAC) equipment, water heaters, showerheads, faulets, 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 Taile 110.2-N.
§ 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 melt by the heat pump alone; and in which the out-on temperature for compression heating is higher than the out-on temperature for supplementary heating, and the out-off temperature for compression heating is higher than the out-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)3:	Insulation. Unfired service water heater storage tanks and solar water-heating backup tanks must have adequate insulation, or tank surface heat loss rating.
§ 110.3(c)6:	Isolation Valves, instantaneous waterheaters with an input rating greater than 6.8 kBu per hour (2 kW) must have isolation valves with hose bibbs or other fittings on both coll and hot water lines to allow for flushing the water heater when the views are closed

5/6/22



2022 Single-Family Residential Mandatory Requirements Summary

Space Conditioning System Airflow Rab and Fan Efficacy. Space conditioning systems that use ducts to supply cooling must have space of commoning system and many was and a number of space of commoning systems that use duces to supprocorage from name and less for the potential of a static pressure probe, or a permanently posenter that of the commoning of the space of the space

Ventilation	and	Indoor	Air	Quality:
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§ 150.0(o)1:	Requirements for Ventilation and Indoor Air Quality. All dwelling units must meet the requirements of ASHRAE Sandard 62.2, Ventilation and Acceptable Indoor Air Qualty in Residential Buildings subject to the amendments specified in § 150.0(o)1.*
§ 150.0(o)1B:	Central Fam Integrated (CFI) ventilation Systems. Continuous operation of CFI air hardress is not allowed to provide the whole-dwelling unit ventilation airbox required pe §150.(jo) fC. A motorated disriper(s) must be installed on the ventilation/du(s)) that prevents all air flow through the space conditioning duct systems when the disriper(s) is closed annotationable of §150.(jo) (Billikh, CFI ventilation systems must have controls that track custoor air ventilation run time, and either open or close the motoraid damper(s) for compliance with §150.(jo) (CI.
§ 150.0(o)1C:	Whole-Dwelling Unit Mechanical Ventilation for Single-Family Detached and townhouses. Single-family detached dwelling units, and attached dwelling units not sharing ceitings or floors with other dwelling units, cocupiable spaces, public garages or commercial spaces must have mechanical ventilation africe specified in § 150 (Lo)(10-III.
§ 150.0(o)1G:	Local Mechanical Exhaust. Klichers and balthoons must have local mechanical enhaust, nonexclosed skitchers mist have demand- controlled enhaust system meeting requirements of §150.0(o)(16ii anchosed skitchers and balthorous can use demand-controlled or continuous exhaust meeting §150.0(o)(1Gi+X). Airflow must be measured by the installer per §150.0(o)(1Gi, and rather for sound per §150.0(o)(1Gi-X).
§ 150.0(o)1H8/:	Airflow Measurement and Sound Raining of Whole-Dwelling Link Ventilation Systems. The airflow required per§ 150,0001C must be measured by using a flow hood, fine grid, or their airflow measuring device of the fairs in its or cutet terminalsylings are Preference Residential Appendix RA37. Whole-Dwelling unit ventilation systems must be rated for sound per ASHRAE 62.2 §7.1 at no less than the minimum airflow are required by § 150,001C.
§ 150.0(o)2:	Field Verification and Diagnosists Testins, Whole-Dwelling Unit verifiation airlow, verted range bood airlow and sound rating, and HRV and EFV, and efficacy must be visited in accordance with Reference Residential Appendix RASA.7.4 Series dringer brods must be verified per Reference Residential Appendix RAS.7.4.3 to confirm if it is rated by HVI or AHAM to comply with the airlified rates and sound requirements per §150.00(1) G

Pool and Spa Systems and Equipment: Certification by Manufacturers. Any poolor spa healing system or equipment must be certified to have all of the following:

§ 110.4(a):	with the Appliance Efficiency Regulations and listing in MAEDbS; an on-off switch mounted outside of the heater that allows shutting of the heater without adjusting the thermostatisetting; a permanent weatherproof plate or card with operating instruction; and must not use elector resistance heating.
§ 110.4(b)1:	Piping. Any pool or spa heating system or equipment must be installed with at least 36 inches of pipe between the fifter and the heater, dedicated suction and return lines, or built-in or built-up connections to allow for future solar heating.
§ 110.4(b)2:	Covers. Outdoor pools or spas that have aheat pump or gas heater must have a cover.
§ 110.4(b)3:	Directional Inlets and Time Switches for Pools. Pools must have directional inlets that adequately mix the pool waser, and a time switch that will allow all pumps to be set orprogrammed to run only during off-peak electric demand periods.
§ 110.5:	Pilot Light. Natural gas pool and spa heatirs must not have a continuously burning pilot light.
§ 150.0(p):	Pool Systems and Equipment Installation. Residential pool systems or equipment must meet the specified requirements for pump sizing, flow rate, piping, filters, and valves.

§ 110.9:	Lighting Controls and Components. All ighting control devices and systems, ballasts, and luminaires must meet the applicable requirements of § 110.9.
§ 150.0(k)1A:	Luminaire Efficacy. All installed luminaires must meet the requirements in Table 150.0-A, except lighting integral to exhaust fans, kitchen range hoods, both ventry mirrors, and gasego boro openers; ravigation lighting less than 5 water; and lighting internal to drawns, cabinets, and line doests with an efficacy of all teach 45 lumens per wat.
§ 150.0(k)1B:	Screw based luminaires. Screw based luminaires must contain lamps that comply with Reference Joint Appendix J/8.
§ 150.0(k)1C:	Recessed Downlight Luminaires in Ceilings. Luminaires recessed into ceilings must not contain screw based sockts, must be airtight, and must be sealed with a gasket or caulic. California Electrical Code § 410.116 must also be met.
§ 150.0(k)1D:	Light Sources in Enclosed or Recessed Luminaires. Lamps and other separable ight sources that are not compliant with the JA8 elevated temperature requirements, including marking requirements, must not be installed in enclosed or recessed luminaires.
§ 150.0(k)1E:	Blank Electrical Boxes. The number of electrical boxes that are more than five feetabove the finished floor and do not contain a luminaire or other device shall be no more than the number of bedrooms. These boxes must be served by a dimmer, vacancy sensor control, low voltage wiring, or fin speed control.
§ 150.0(k)1F:	Lighting Integral to Exhaust Fans. Lighting integral to exhaust fans (except when installed by the manufacturer in kitchen exhaust hoods) must meet the applicable requirements of § 150.0(k).

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2022 Single-Family Residential Mandatory Requirements Summary

§ 110.5:	Pilot Lights. Continuously burning pild 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 100 Btu per hour.); and pool and soa heates.;
§ 150.0(h)1:	Building Cooling and Heating Loads. Heating and/or cooling leads are calculated in accordance with the JSHRAE Handbook, Equipment Volume, Applications Volume, and Fundamentals Volume; the SMARON Residential Comfort System Installation Standards Manual or the ACCA Manual Justing design conditions specified in 6.190.0140.
§ 150.0(h)3A:	Clearances. Air conditioner and heat jump outdoor condensing units must have a clearance of at least five set from the outlet of any diver.
§ 150.0(h)3B:	Liquid Line Drier. Air conditioners and heat pump systems must be equipped with liquid line filter driers if required, as specified by the manufacturer's instructions.
§ 150.0(j)1:	Water Piping, Solar Water-heating System Piping, and Space Conditioning System Line Insulativn. All domestic hot water piping must be insulated as specified in § 609.11 of the California Plumbing Code."
§ 150.0(j2:	Insulation Protection. Pring insulation must be protected from damage, including that due to surright, moliture, equipment maintenance, and wind as required byly (20,3%), insulation exposed to weather must be water retained and protected from UV light no adhesive larges, inclusion covering dated water prings and refigerant suction pring product outside the produced space must include, or be protected by, a Class I or Class II vapor retarder. Pipe insulation buried below grade must be refailed in a waterproof and non-countable casion or seleve.
§ 150.0(n)1:	Gas or Propage Water Hesting Systems. Systems using gas or program water heaters to serve individual/swilling units must esegande a glose at least 2.5 x £ x 5 x sustaine for the fully mensissation of a net pump water network, enthread and plumbing requirements, extremel electrical and plumbing requirements, the states of the festance between this designated space and the water heater location and a condensate drain no more than 2" higher than the base of the water heater.
§ 150.0(n)3:	Solar Water-heating Systems. Sola water-heating systems and collectors must be certified and raited by the Solar Rating and Certification Corporation (SRCC), the nternational Association of Plumbing and Mechanical Officials, Research and Testing (APMO R&T), or by a listing agency that is approved by the executive director.

and Fans:	
0.8(d)3:	Ducts. Insulation installed on an existing space-conditioning duct must comply with § 804.0 of the California itechanical Code (CMC). If a contractor installs the insulation, the contractor must certify to the customer, in writing, that the insulation meets this requirement.
0.0(m)1:	CMC Compliance. As air devication system dates and planners must mark CMC (§ 69 °L 4000 S and AMS/SEA/CACA-0000 S 000 °ACC ACC ACC ACC ACC ACC ACC ACC ACC AC

these spaces must not be compressed. Factory-Patiental but Systems, Factory-Patiental but systems must comply with applicable requirements for duct construction. Factory-Patiental but Systems, Factory-Patiental but should be considered on the season of the season of

Congress.

Control Vivolation Companys. Can also visitating a patient serving conditioned space must have either activation or readily accessable, manually operated dampent in all operand in the cacific, except combactor risk and colled at operand seed evaluation and with the cacific except combactor risk and colled at operand seed evaluation and the cacific except colled excep § 150.0(m)8: § 150.0(m)9:

§ 150.0(m)10: & 150.0(m)11:

Persons laters (Core Pilla Dack, Provision or cross of fine duction multi-halve an emporous layer or a laterial beasen he innex core and core control core of § 150.0(m)12:

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2022 Single-Family Residential Mandatory Requirements Summary

§ 150.0(k)1G:	Screw based luminaires. Screw based luminaires must contain lamps that comply with Reference Joint Appendix JA8.
§ 150.0(k)1H:	Light Sources in Enclosed or RecessedLuminaires. Lamps and other separable light sources that are not compliant with the JA8 elevated temperature requirements, including marking requirements, must not be installed in enclosed or recessed luminaires.
§ 150.0(k)11:	Light Sources in Drawers, Cabbrets, and Liese Closets. Light sources informed to drawers, cabbrety or line closels are not required to comply with Table 150.0A or the control bit yearcapy enterpast provided that they are raised to consens, no more than 540 limits or power, early no more than 540 limits or power, early no more than 150 limits of power, early no more than 150 limits of power, early no more than 150 limits of power or power.
§ 150.0(k)2A:	Interior Switches and Controls. All forward phase cut dimmers used with LED light sources must comply with NEMA SSL 7A.
§ 150.0(k)2B:	Interior Switches and Controls. Exhaust ans must be controlled separately from lighting systems."
§ 150.0(k)2A:	Accessible Controls, Lighting must have eadily accessible wall-mounted controls that allow the lighting to be manually turned on and off.
§ 150.0(k)2B:	Multiple Controls. Controls must not bypas a dimmer, occupant sensor, or vacancy sensor function if the dimmer or sensor is installed to comply with § 150.0(k).
§ 150.0(k)2C:	Mandatory Requirements. Lighting controls must comply with the applicable requirements of § 110.9.
§ 150.0(k)2D:	Energy Management Control Systems. An energy management control system (EMCS) may be used to comply with dimming, occupancy, and control requirements if it privides the functionality of the specified control par § 110.9 and the physical control specified in § 150,001(25).
§ 150.0(k)2E:	Automatic Shutoff Controls, in bethroom, garages, loundry rooms, utility rooms and walk-in closets, at least one installed luminaire must be controlled by an occupancy or vacancy sensor providing automatic-off functionally. Lighting inside drawers and cabinets with ceasure fronts or doors must have controls that turn be forth of the charge or door is closed.
§ 150.0(k)2F:	Dimmers. Lighting in habitable spaces (e.g., living rooms, dining rooms, kitchens, and bedrooms) must have readily accessible wal- mounted dimming controls that allow the lighting to be manually adjusted up and down. For
§ 150.0(k)2K:	Independent controls, Integrated lighting of exhaust fans shall be controlled independently from the fans, Lighting under cabinets or shelves, lighting in display cabinets, and switched outlets must be controlled separately from ceiling-installed lighting.
§ 150.0(k)3A:	Residential Outdoor Lighting, For single-amily residential buildings, custoor lighting permanently mounted to a residential building, or outdoor land motion sensor or assessment buildings, or other buildings on the same lot, must have inertail conflict of which and either a prictoreal and motion sensor or assensition the watch to control or an astronomical time clock. An energy management control system that provides the specified control functionality and meets an applicable neuronements may be used to must help sensor provided to the provides the specified control functionality and meets an applicable neuronements may be used to must help sensor provided to the provided to th
§ 150.0(k)4:	Internally illuminated address signs. Internally illuminated address signs must either comply with § 140.8 or consume no more than 5 watts of power.
6 150 0(k)5:	Residential Garages for Eight or More Vehicles. Lighting for residential parking garages for eight or more vehicles must comply with the applicable requirements for nonresidential garages in 66 110.9, 130.0, 130.1, 130.4, 140.6, and 141.0.

olar Readiness:		
§ 110.10(a)1:	Single-family Residences. Single-family residences located in subdivisions with 10 or more single-family residences an application for a territarious subdivision map for the residences has been deemed complete and approved by the enforcer which do not have a photovoitalize system installed, must comply with the resulrements of \$110.0(b)-(e).	
§110.10(b)1A:	Memiram Solar Zone Area. The solar zone must have a minimum that area as described show. The solar zone must a concess, pathway, more writtings, and square greatments as specified in Tille 24, Part of Your greatment as specified on Tille 24, Part of Your greatment as specified on Tille 24, Part of You Greatment Till	r in any ion less than 5 o less than 160
S 110 10(b)2-	Azimuth. All sections of the solar zone locaed on steep-sloped roofs must have an azimuth between 90-300° of true no	orth.

\$15.00(a). Autimath, All sections of the salar zone board on stoppe deposit root must have an activate between 500 off the root.

\$10.00(a)(b) and the salar point of the salar zone board on containing ordinations, and out of sections of the salar zone board on salar

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2022 Single-Family Residential Mandatory Requirements Summary

Access Single-Family resolutional information of recognition of the Soloning Single Single Age and party variancement and and if the Soloning Single Single Age and any single recognition of the Soloning Single Single Age and any single single Single Single Age and Single Sin § 150.0(t)

§ 150.0(u)

"240V resign," and a restored main electrical services parties species be allow to the installation of a double pole cross premiser permiserable.

Electric Celebra Dyer Rasify, Chrolin Conject could be allowed to the conference of the conject could be allowed to practice allowed to the conject be allowed to the conject could be allowed to the conje § 150.0(v)

*Exceptions may apply.

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RESIDENCE USHELL

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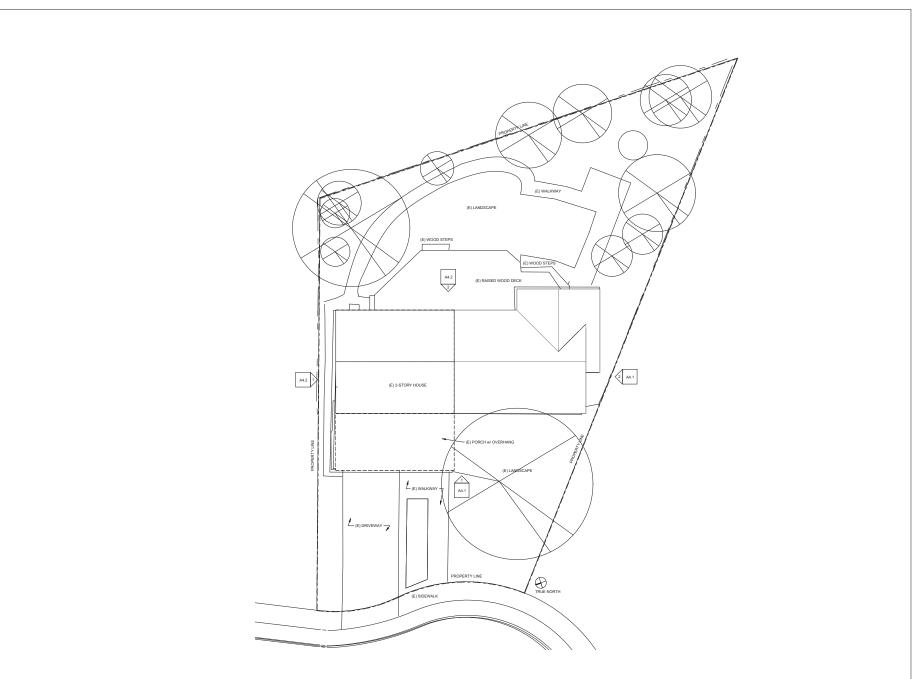
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MF-1R MANDATORY RESIDENTIAL

A0.4

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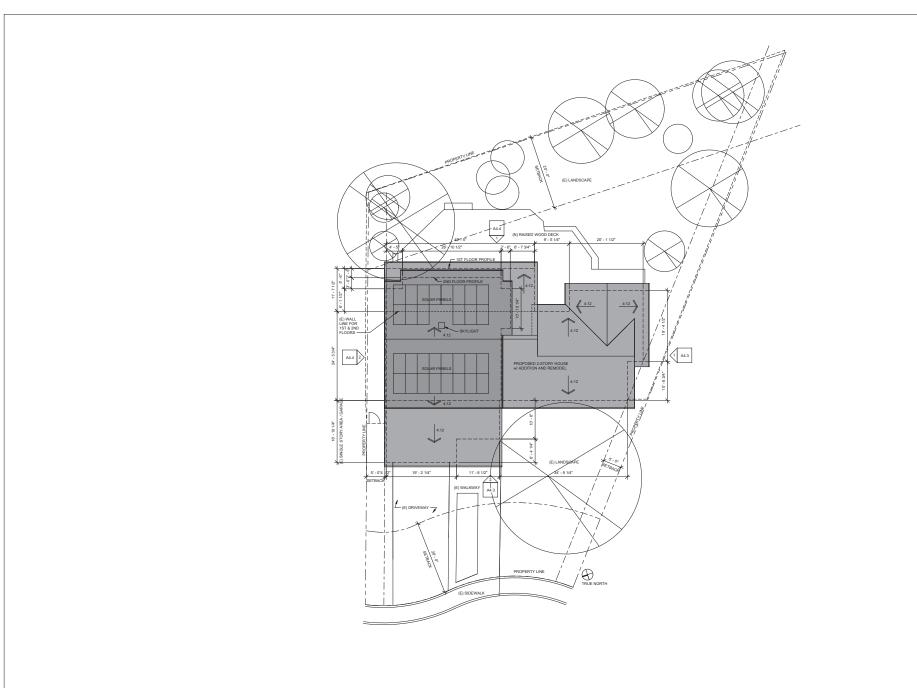
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DEVELOPMENT REVIEW

EXISTING SITE PLAN

A1.1



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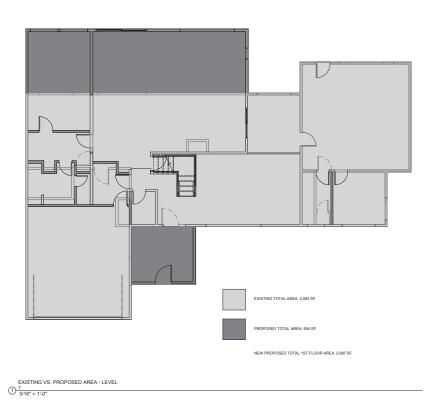
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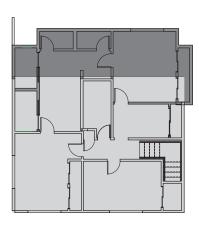
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DEVELOPMENT REVIEW

PROPOSED SITE PLAN

A1.2







EXISTING VS. PROPOSED AREA - LEVEL

2
3/16" = 1'-0"

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EXISTING AREA VS. PROPOSED AREA

A1.3

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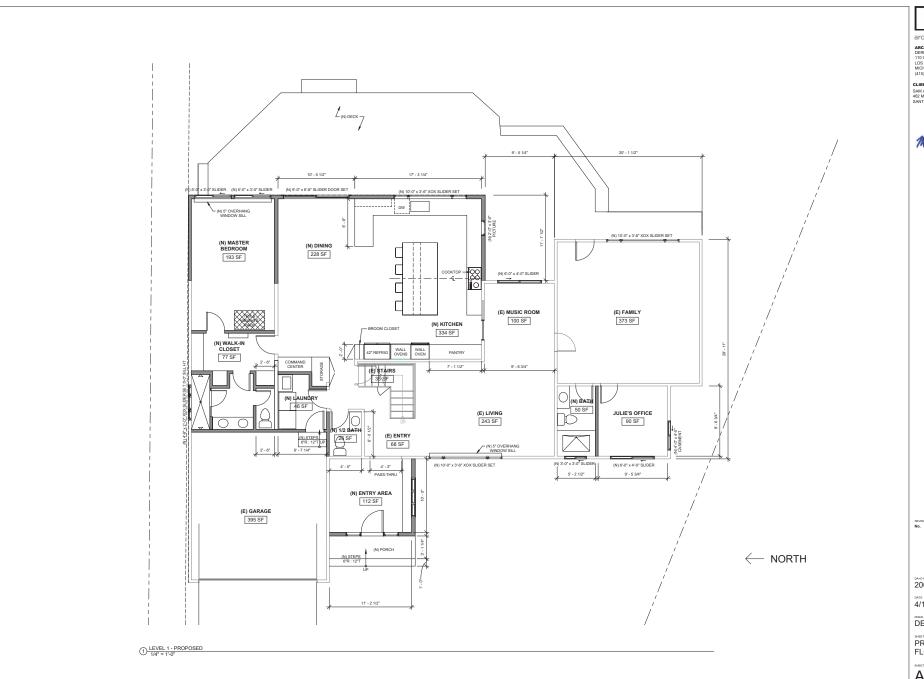
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EXISTING FIRST FLOOR



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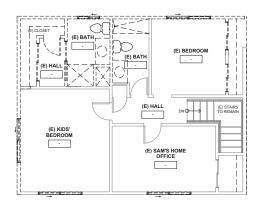
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PROPOSED FIRST FLOOR



1/4" = 1'-0"

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EXISTING SECOND FLOOR

1) LEVEL 2 1/4" = 1'-0"

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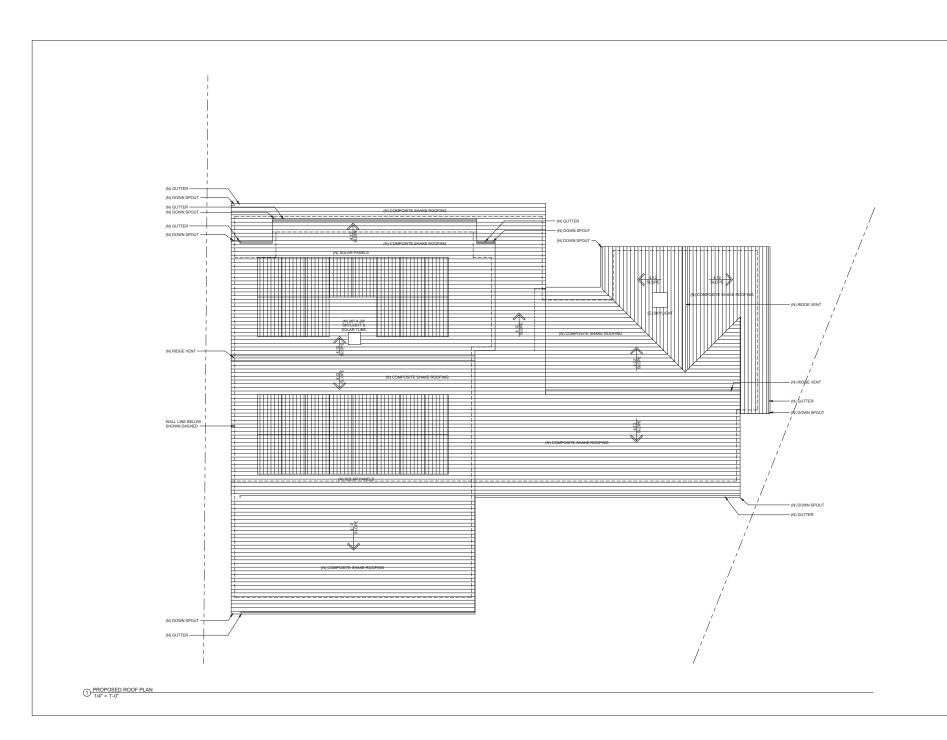
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PROPOSED SECOND FLOOR



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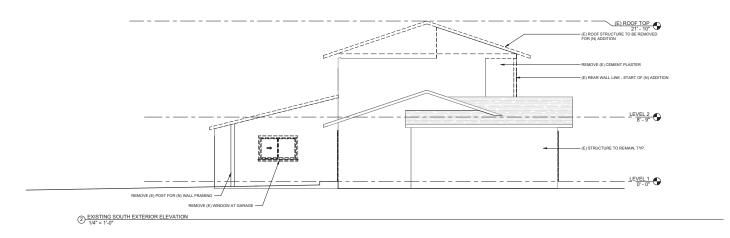
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DEVELOPMENT REVIEW

PROPOSED ROOF PLAN

A3.2



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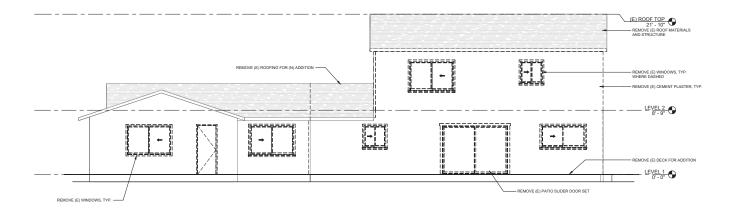
BUSHELL RESIDENCE

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DEVELOPMENT REVIEW

EXISTING EXTERIOR ELEVATIONS



② EXISTING EAST EXTERIOR ELEVATION
1/4" = 1'-0"

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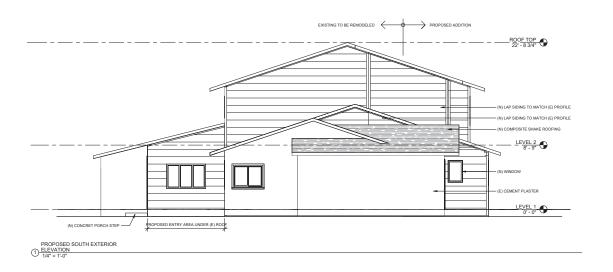
BUSHELL RESIDENCE

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DEVELOPMENT REVIEW

EXISTING EXTERIOR ELEVATIONS





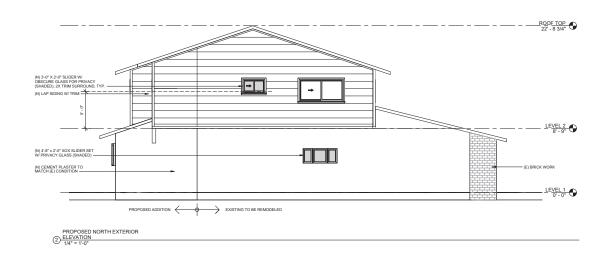
BUSHELL RESIDENCE

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DEVELOPMENT REVIEW

PROPOSED EXTERIOR ELEVATIONS



SAM AND JULIE BUSHELL 462 MURIEL COURT SANTA CLARA, CA 95051



BUSHELL RESIDENCE

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DEVELOPMENT REVIEW

PROPOSED EXTERIOR ELEVATIONS

Attachment 2: Project Data

462 Muriel Court

Lot Size: 10,248 sq. ft.			
	Existing Floor Area (sq. ft.)	Proposed Addition (sq. ft.)	Proposed Floor Area (sq. ft.)
First Floor	1,635	1,457	2,229
Second Floor	774	930	1,045
Garage	458	433	395
Gross Floor Area	2,867	n/a	3,669
Lot Coverage	2,093/10,248 = 20%		2,624/10,248 = 26%
F.A.R.	2,867/10,248 = 0.28		3,669/10,248 = 0.36
% of 2nd floor to 1st floor	774/2,093 = 37%		1,045/2,624 = 40%
Bedrooms/Baths	5/3	n/a	5/4.5
Flood Zone	Х		Х



City of Santa Clara

1500 Warburton Avenue Santa Clara, CA 95050 santaclaraca.gov @SantaClaraCity

Agenda Report

23-529 Agenda Date: 5/10/2023

REPORT TO DEVELOPMENT REVIEW HEARING

SUBJECT

Action on a proposed 822 square-foot first and second floor addition to an existing one-story single-family residence located at 3876 Baldwin Drive. (CEQA: Exempt Section 15301-Existing Facilities)

File No.(s): PLN23-00062

Location: 3876 Baldwin Drive, a 6,766 square foot lot located on the south side of Baldwin Drive,

between Dawson Drive and Mackenzie Drive. The site is zoned R-1-6L Single-

Family; APN: 316-13-00062.

Applicant: Alexander Angkawijaya, AA Home Design & Build LLC

Owner: Thirumalaikumar Sankaralingam and Sathya ThirumalaiKumar

Request: Architectural Review to allow for the construction of an 822 square foot first and

second floor addition, new garage and front porch, and interior remodel of an existing one story three-bedroom two-bathroom 1,502 square foot single-family residence with an attached garage, resulting in a two story four-bedroom three and a half bathroom, 2,805 square foot single-family residence with a new 427

square foot attached garage and a 50 square foot front porch.

The project will require a Zoning Administrator Modification for the proposed 17-

foot front setback for the porch, where 20 feet is required.

Project Data

The Project Data Table is included as Attachment 1.

Points for consideration

- The proposed project is located in a neighborhood with one and two-story single-family residences throughout the immediate neighborhood.
- The project site adjoins one-story single-family homes to the east, west, south and across the street from Baldwin Drive to the north.
- The project proposes a 50 square foot front porch that encroaches 3 feet into the front yard setback resulting in a reduced setback of 17 feet, where 20 feet is required. This would require a Zoning Administrator Modification.
- Staff recommends redesign of the project to reduce the entry porch roof height by at least one
 foot to be in conformance with Section 4e Entry Features of the Single-Family Residential
 Design Guidelines. This section recommends entry features be in scale, proportion, and character
 to the architectural style of the home.
- There are no active City code enforcement cases for this property.
- A neighborhood notice was distributed within a 300-foot radius of the subject site for this
 project review.

Findings supporting the Staff Recommendation

1. That any off-street parking area, screening strips and other facilitates and improvements

23-529 Agenda Date: 5/10/2023

necessary to secure the purpose and intent of this title and the general plan of the City area a part of the proposed development, in that;

- The development provides the required two covered parking spaces.
- The required parking spaces are not located in the required front yard or side yard landscaped areas.
- The development provides the minimum required driveway length per the Planned Development approval.
- 2. That the design and location of the proposed development and its relation to neighboring developments and traffic is such that it will not impair the desirability of investment or occupation in the neighborhood, will not unreasonably interfere with the use and enjoyment of neighboring developments, and will not create traffic congestion or hazard, in that;
 - The project proposes a first-floor addition to the rear and a second-floor addition in a
 manner that is compatible with the adjacent properties and the neighborhood. The
 proposed second-floor addition is set back 5 feet from the first floor to the front and a 3feet, 6-inches on the sides and rear to reduce the second-floor massing. This exceeds
 the requirement in the design guidelines.
 - The proposed front porch entryway is too tall and not compatible with the scale and character of the neighborhood. Staff recommends it to be lowered by at least a foot to align with the first floor roof facia.
 - Public streets are adequate in size and design to serve the proposed single-family residence, and the use will not create an increase in traffic.
 - Proposed lot coverage is within the maximum 40% lot coverage permissible in the R1-6L zoning district.
- 3. That the design and location of the proposed development is such that it is in keeping with the character of the neighborhood and is such as not to be detrimental to the harmonious development contemplated by this title and the general plan of the City, in that;
 - The proposed project is compatible with adjacent residential properties and generally consistent with the City's Single-Family Residential Design Guidelines, in that the project maintains the existing one and two-story character by providing required step backs on the second floor in a manner that promotes compatibility with the existing neighborhood character.
 - The proposed front porch entry way is not in conformance with the Single-Family Residential Design Guidelines.
- 4. That the granting of such approval will not, under the circumstances of the particular case, materially affect adversely the health, comfort or general welfare of persons residing or working in the neighborhood of said development, and will not be materially detrimental to the public welfare or injuries to property or improvements in said neighborhood, in that;
 - The project is subject to the California Building Code and City Code requirements, which serve to regulate new construction to protect public health safety and general welfare.
- 5. That the proposed development, as set forth in the plans and drawings, are consistent with the set of more detailed policies and criteria for architectural review as approved and updated from time to time by the City Council, which set shall be maintained in the planning division office, in that:

23-529 Agenda Date: 5/10/2023

• The proposed addition will be clad in stucco with some stone veneer and horizontal siding on the second floor on the front elevation and a new composite shingle roof to match the neighborhood.

CONDITIONS OF APPROVAL

- 1) Prior to the issuance of a Building Permit, the development of the site and all associated improvements shall conform to the approved plans with File No. **PLN23-00062**, on file with the Community Development Department, Planning Division.
- 2) The developer is responsible for the collection and pick-up of all trash and debris on-site and adjacent public right-of-way.
- 3) Construction activity shall be limited to the hours of 7:00 a.m. to 6:00 p.m. weekdays and 9:00 a.m. to 6:00 p.m. Saturdays for projects within 300 feet of residential use and shall not be allowed on recognized State and Federal holidays.
- 4) Incorporate Best Management Practices (BMPs) into construction plans and incorporate postconstruction water runoff measures into project plans in accordance with the City's Urban Runoff Pollution Prevention Program standards prior to the issuance of permits, including the disconnection of roof downspouts to drain over landscaped yards on site.
- 5) Landscaping installation shall meet City water conservation criteria in a manner acceptable to the Director of Community Development.

ENVIRONMENTAL REVIEW

The proposed project is categorically exempt from the California Environmental Quality Act (CEQA) per CEQA Guidelines Section 15301-Existing Facilities, in that the project is limited to a small addition to the existing single-family residence.

FISCAL IMPACT

There is no impact to the City for processing the requested application other than administrative staff time and expense typically covered by processing fees paid by the applicant.

PUBLIC CONTACT

On April 27, 2023, a notice of public hearing of this item was posted in three conspicuous places within 300 feet of the project site and mailed to property owners within 300 feet of the project site. The planning staff has not received any public comments for this application at the time of preparation of this report.

RECOMMENDATION

Redesign the proposed project to lower the front porch entry feature by at least a foot in conformance with the Single-Family Residential Design Guidelines and resubmit for architectural approval, subject to conditions of approval.

Prepared by: Nimisha Agrawal, Associate Planner, Community Development Approved by: Lesley Xavier, Planning Manager, Community Development

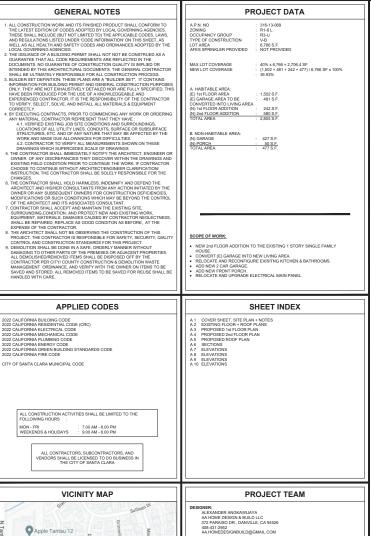
ATTACHMENTS

- 1. Project Data Table
- 2. Development Plans

23-529 Agenda Date: 5/10/2023

Attachment 1: Project Data Table

Lot Size: 6,766 sq. ft.						
	Existing Floor Area (sq. ft.)	Proposed Addition (sq. ft.)	Proposed Floor Area (sq. ft.)			
First Floor	1,502	242	2,225			
Second Floor	•	580	580			
Garage	481 (converted to living area)	427	427			
Porch	-	50 sq. ft. entry porch	50			
First floor to Second Floor Ratio	N/A		21.8%			
Gross Floor Area	2,171		3,281			
Lot Coverage	1,983/6,766= 29.3%	-	2,705/6,766 = 39.9%			
F.A.R.	1,983/6,766= .29		3,282/6,766= .49			
Bedrooms/Baths	3 Bedrooms 2 Bathrooms	1 Bedroom 1 ½ bathrooms	4 Bedrooms 3 1/2 Bathrooms			
Flood Zone	Χ		Х			



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NEW ADDITION ON 1st FL.

EXISTING 2nd FL. AREA

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GAS METER
TELEPHONE

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CG 4.IO6.3 FINISH GRADE TO SLOPE 5% WITHIN 5' AWAY FROM FOLIDATION

EXISTING FINISH GROUND SURFACES AND LOT GRADING TO REMAIN AS IS

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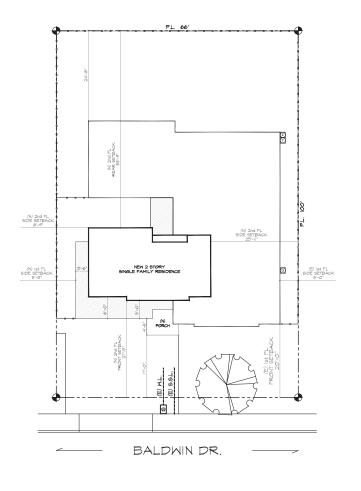
(IN FEET)

PROPOSED

SITE PLAN

ANY ALTERATIONS, ADDITIONS OR MIPROVEMENT SHALL REQUIRE ALL NON-COMPLIANT PLUMBING FIXTURES TO BE REPLACED WITH WATER-CONSERVING PLUMBING FIXTURES. NON-COMPLIANT FIXTURES SHALL BE REPLACED PRIOR TO FIRAL PERMIT APPROVAL OR ISSUANCE OF CERTIFICATE OF OCCUPANCE BY THE CITY (58 407)

SANKARALINGAM RESIDENCE 3876 BALDWIN DR. SANTA CLARA, CA 95051



Thirumalaikumar Sankaralingam

SINGLE FAMILY HOUSE

3876 BALDWIN DR., SANTA CLARA, CA 95051

ADDITION

AA HOME DESIGN & BUILD LLC

DESIGN SERVICES

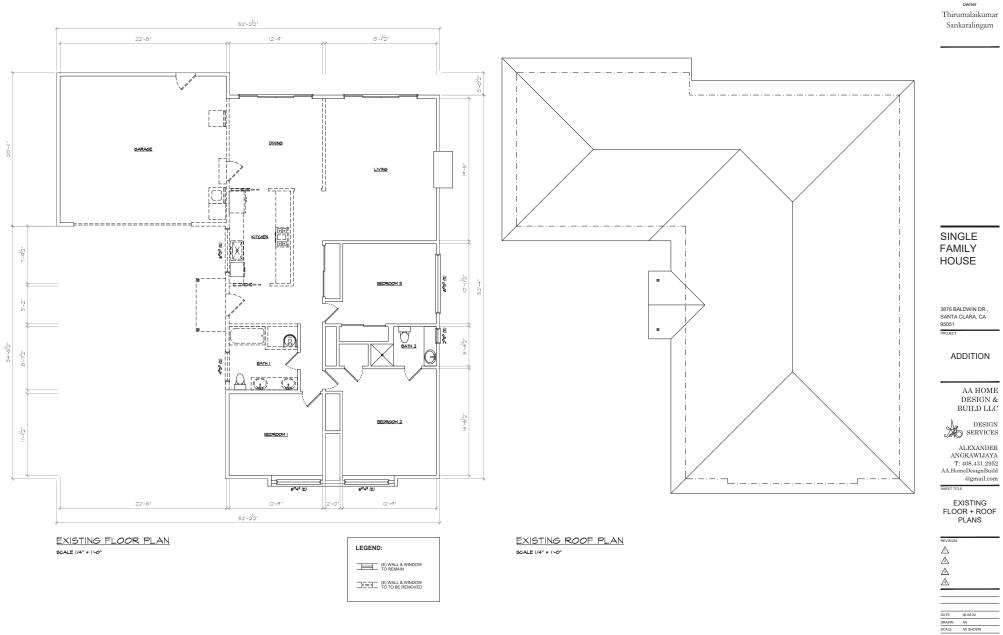
ALEXANDER ANGKAWIJAYA T: 408.431.2952 AA.HomeDesignBuild @gmail.com

COVER SHEET, SITE PLAN + NOTES

REVISION

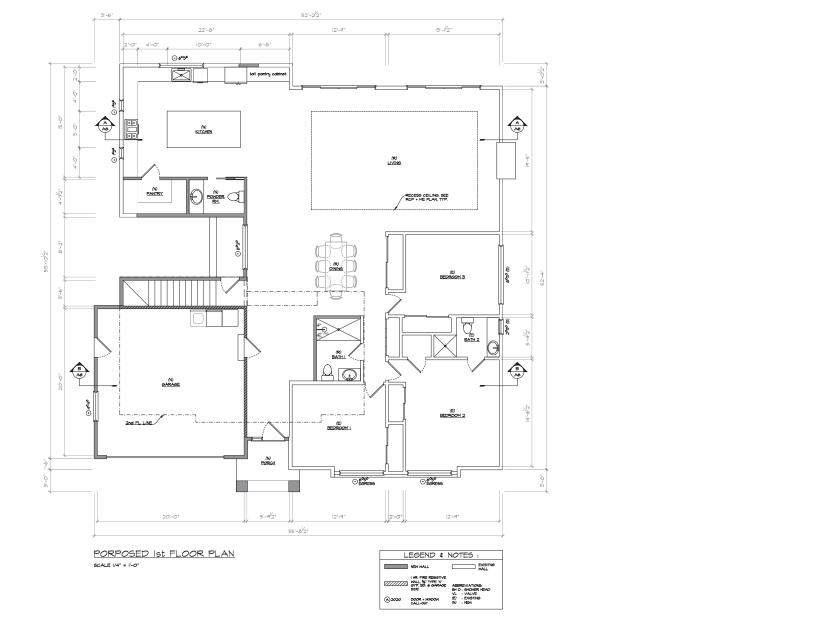
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ALEXANDER ANGKAWIJAYA T: 408.431.2952 AA.HomeDesignBuild

EXISTING FLOOR + ROOF



SINGLE FAMILY HOUSE

3876 BALDWIN DR., SANTA CLARA, CA 95051

ADDITION

AA HOME DESIGN & BUILD LLC



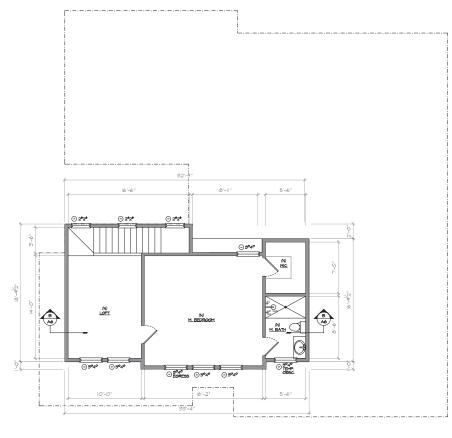
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> PROPOSED 1st FLOOR PLAN

DATE 06.06.22

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LEGEND & NOTES :

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PORPOSED 2nd FLOOR PLAN

SCALE 1/4" = 1'-0"

SINGLE FAMILY HOUSE

3876 BALDWIN DR., SANTA CLARA, CA 95051

ADDITION

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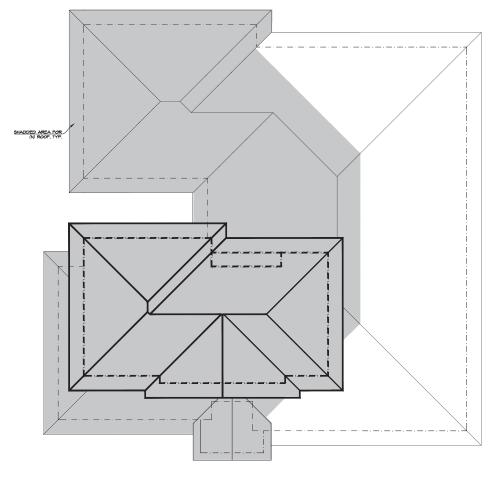
PROPOSED 2nd FLOOR PLAN

DATE 06.06.22

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SCALE AS SHOWN

Thirumalaikumar Sankaralingam



LEGEND & NOTES :

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SINGLE **FAMILY** HOUSE

3876 BALDWIN DR., SANTA CLARA, CA 95051

ADDITION

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@gmail.com

PROPOSED ROOF PLAN

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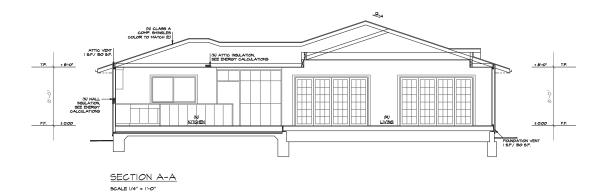
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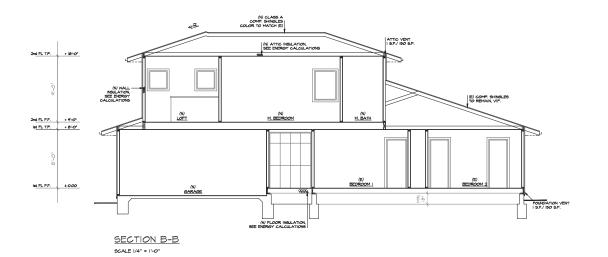
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Thirumalaikumar Sankaralingam





SINGLE FAMILY HOUSE

3876 BALDWIN DR., SANTA CLARA, CA 95051

ADDITION

AA HOME DESIGN & BUILD LLC



ALEXANDER ANGKAWIJAYA T: 408.431.2952 AA.HomeDesignBuild @gmail.com

SECTIONS

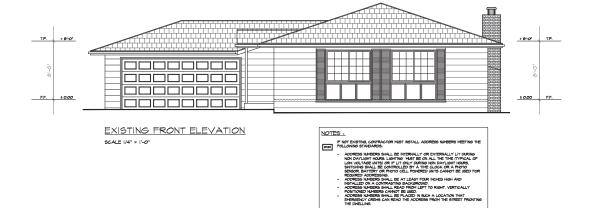
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PROPOSED FRONT ELEVATION

SCALE 1/4" = 1'-0"

EXTERIOR ELEVATION AND SITE NOTES

- EXTERIOR ELEVATION AND SITE NOTES

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 7. WALL TO ROOF FLASHING, GALV, METAL PAINTED TO MATCH EXISTING

 1. WALL TO ROOF FLASHING, GALV, METAL PAINTED TO MATCH EXISTING

SINGLE FAMILY HOUSE

3876 BALDWIN DR., SANTA CLARA, CA 95051

ADDITION

AA HOME DESIGN & BUILD LLC



ALEXANDER ANGKAWIJAYA T: 408.431.2952 AA. Home Design Build@gmail.com

ELEVATIONS

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DATE 06.06.22



EXISTING LEFT ELEVATION

SCALE 1/4" = 1'-0"



PROPOSED LEFT ELEVATION

SCALE 1/4" = 1'-0"

EXTERIOR ELEVATION AND SITE NOTES

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SINGLE FAMILY HOUSE

3876 BALDWIN DR., SANTA CLARA, CA 95051

ADDITION

AA HOME DESIGN & BUILD LLC



ALEXANDER ANGKAWIJAYA T: 408.431.2952 AA. Home Design Build@gmail.com

ELEVATIONS

<u>∧</u> <u>∧</u>



EXISTING REAR ELEVATION

SCALE 1/4" = 1'-0"



PROPOSED REAR ELEVATION

SCALE 1/4" = 1'-0"

EXTERIOR ELEVATION AND SITE NOTES

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SINGLE FAMILY HOUSE

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> > ADDITION

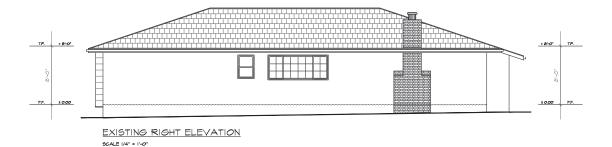
AA HOME DESIGN & BUILD LLC



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ELEVATIONS

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PROPOSED RIGHT ELEVATION

SCALE 1/4" = 1'-0"

EXTERIOR ELEVATION AND SITE NOTES

- EXTERIOR ELEVATION AND SITE NOTES

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 7. WALL TO ROOF FLASHING, GALV, METAL PAINTED TO MATCH EXISTING

SINGLE FAMILY HOUSE

3876 BALDWIN DR., SANTA CLARA, CA 95051

ADDITION

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ELEVATIONS

<u>∧</u> <u>∧</u>



City of Santa Clara

1500 Warburton Avenue Santa Clara, CA 95050 santaclaraca.gov @SantaClaraCity

Agenda Report

23-546 Agenda Date: 5/10/2023

REPORT TO DEVELOPMENT REVIEW HEARING

SUBJECT

Action on a 466 square-foot front addition that would expand a single-family residence resulting in five bedrooms. (CEQA: Exempt, Section 15301(e) (1) Existing Structures)

File No.(s): PLN23-00171

Location: 2841 Pruneridge Ave an 8,840 square-foot lot located on the north side of Pruneridge

Avenue, approximately 300 feet East of Kiely Boulevard, APN: 293-28-015; property is

zoned Single Family Residential (R1-6L).

Applicant: Vinay Saini

Owner: Norman And Andrea Puck Trustee

Request: Architectural Review to construct 466 square-foot addition including a fifth bedroom

at the front of the existing two-story residence to include a bathroom, bedroom, study,

and laundry closet

Project Data

The Project Data Table is included as Attachment 2.

Points for Consideration

- The project includes a 466 square-foot front addition to the single-family residence including a bathroom, bedroom, study, and laundry closet.
- The proposed addition would result in a total of five bedrooms in the single-family residence.
- Window orientation is consistent with the City's Single-Family Residential Design Guidelines in that egress windows on the second floor are oriented to the front, rear, and corner side elevations. There are no second-floor windows on the interior side elevation.
- The proposed project complies with the R1-6L zoning districts development standards for new
 construction; is generally consistent with the Single-Family Residential Design Guidelines; and is
 generally compatible with neighboring homes along the streetscape.
- A neighborhood notice was distributed to properties within a 300-foot radius of the subject site for this project review.
- There are no active code enforcement cases for this property.
- The front entryway roofing is about 24-inches taller than the closest first floor eave and 48inches taller than the garage eave. The Residential Design Guidelines recommend that to reduce
 an inappropriate visual mass, the eave line of the entryway feature should match or be within two
 feet of the first story eave line.

<u>Findings</u>

1) That any off-street parking area, screening strips and other facilitates and improvements necessary to secure the purpose and intent of this title and the general plan of the City area a

23-546 Agenda Date: 5/10/2023

part of the proposed development, in that;

Additional off-street parking is not required for the addition of a fifth bedroom; the single
-family residence currently includes a two-car garage.

- The proposed addition would not remove any off-street parking on the property.
- 2) That the design and location of the proposed development and its relation to neighboring developments and traffic is such that it will not impair the desirability of investment or occupation in the neighborhood, will not unreasonably interfere with the use and enjoyment of neighboring developments, and will not create traffic congestion or hazard, in that;
 - The proposed addition would not create traffic congestion or hazards.
 - Public streets are adequate in size and design to serve the proposed addition, and the
 use will not create a substantive increase in traffic.
- 3) That the design and location of the proposed development is such that it is in keeping with the character of the neighborhood and is such as not to be detrimental to the harmonious development contemplated by this title and the general plan of the City, in that;
 - The proposed addition is to be located outside of the required setbacks for a single-family residence. Furthermore, the addition is proposed to have a similar design and characteristics as other dwelling units in the surrounding neighborhood.
- 4) That the granting of such approval will not, under the circumstances of the particular case, materially affect adversely the health, comfort or general welfare of persons residing or working in the neighborhood of said development, and will not be materially detrimental to the public welfare or injuries to property or improvements in said neighborhood, in that;
 - The project is subject to the California Building Code and City Code requirements, which serve to regulate new construction to protect public health, safety and general welfare.
- 5) That the proposed development, as set forth in the plans and drawings, are consistent with the set of more detailed policies and criteria for architectural review as approved and updated from time to time by the City Council, which set shall be maintained in the planning division office. The policies and criteria so approved shall be fully effective and operative to the same extent as if written into and made a part of this title, in that;
 - The project proposes a residential design that is compatible in scale and character with the housing types that are typical in the neighborhood.
 - The proposed project complies with the R1-6L zoning districts development standards.

Conditions of Approval

- 1) Permit Expiration. This Architectural Permit shall automatically be revoked and terminated if not used within two years of original grant or within the period of any authorized extensions thereof. The date of granting of this Permit is the date this Permit is approved by the Development Review Officer.
- The garage shall be maintained clear and free for vehicle parking use at all times. It shall not be used only for storage.
- 3) Prior to the issuance of a Building Permit, the development of the site and all associated

23-546 Agenda Date: 5/10/2023

improvements shall conform to the approved plans with File No. **PLN23-00171**, on file with the Community Development Department, Planning Division.

- 4) Landscaping installation shall meet City water conservation criteria in a manner acceptable to the Director of Community Development.
- 5) Maintain the front yard landscaping between the house and sidewalk. New landscape areas of 500 square feet or more or rehabilitated landscape areas of 2,500 square feet or more shall conform to the California Department of Water Resources Water Efficient Landscape Ordinance.
- 6) Developer/Owner is responsible for collection and pick-up of all trash and debris on-site and adjacent public right-of-way.
- 7) Construction activity shall be limited to the hours of 7:00 a.m. to 6:00 p.m. weekdays and 9:00 a.m. to 6:00 p.m. Saturdays for projects within 300 feet of a residential use and shall not be allowed on recognized State and Federal holidays.
- 8) Incorporate Best Management Practices (BMPs) into construction plans and incorporate post construction water runoff measures into project plans in accordance with the City's Urban Runoff Pollution Prevention Program standards prior to the issuance of permits.

ENVIRONMENTAL REVIEW

The proposed project is categorically exempt from the California Environmental Quality Act (CEQA) per CEQA Guidelines Section 15301(e) (1) Existing Structures, in that the project is a small accessory dwelling addition to the existing single-family residence.

PUBLIC CONTACT

On April 27, 2023, a notice of public hearing of this item was posted within 300 feet of the project site and mailed to property owners within 300 feet of the project site. Planning Staff has not received public comments for this application.

RECOMMENDATION

Redesign the front porch of the proposed addition consistent with the Single-Family Design Guidelines.

Prepared by: Daniel Sobczak, Assistant Planner, Community Development Department Approved by: Lesley Xavier, Planning Manager, Community Development Department

ATTACHMENTS

- 1. Development Plans
- 2. Project Data



2023 EYGO

ABBREVIATIONS

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LET VERTILATION

SHIP VERTILATION

PER VERTILATIO SOCIO SE ANTRE DE CONTROL DE CONT POF PT PT PR POE

INFORMATION

EYCO DESIGN - AVAILABILITY
IT MAY REQUIRE FIVE (5) TO TEN (10) OR MORE BUSINESS
DAYS MINIMUM REFORE EYCO DESIGN CAN MORE AN INITIAL
RESPONSE TO ANY QUESTION, PLEASE PLAN AREAD

THE CLIENT, OWNER, BUILDER, AND ALL SUBCONTRACTORS SHOULD FULLY REVIEW ALL DEARTHONS AND THOROGOMENY ATTEMPT TO DETERMINE THE ANSWER TO ANY AND ALL QUESTIONS BEFORE CONTACTING EYED DESIGN, THANK YOU.

EYCO DESIGN - CONSULTATION FEES CONSULTING QUESTIONS DIRECTED TO EXCO DESIGN MAY, AS DETERMINED BY EXCO DESIGN, REGUTER EXTRA FRES AND RETAINERS WHICE SHALL HE PAID IN ADVANCE OF ANY AND ALL CONSULTATION QUESTION RESPONSES.

PROJECT SCHEDULING & PLANNING IN A THEILY MANNER, BOTH SERVICE AND CONTINUOUSLY THE DRAINING AND ALLOW YLENTY OF THE FOR THE BUILDER TO FULLY DEFENDING ALL POSSIBLE CONSTRUCTION REQUIREMENTS AND TO THE WARD ACCORDINGLY.

NOT AS-BUILT DRAWINGS

DISCLAIMERS

- DISCLAIMERS APPLY TO THE SITE PLAN AND THE LOT.
 DISCLAIMERS APPLY TO ALL EXISTING STRUCTURES.
 DISCLAIMERS APPLY TO ALL NEW STRUCTURES.
- 4) EXISTING AREAS AND DIMENSIONS ARE BASED ON DATA VIDED BY OTHERS 5) AREAS AND DIMENSIONS SHALL BE USED ONLY FOR THIS
- 3) ANGEN SHOULDEST FROMET.

 6) ARGAS AND UNEXESTIBLE OF SHALL HOT BE USED FOR ANY REAL SESTANT BOYLENG OR SELLIME PRICESSES.

 7) ALL PRESONS AND/OR ENTITIES NOT SPECIFICALLY AUTHORISES Y STOOL SESSION FOR A SPECIFIC PRIPOSE IN WRITING SHALL INDEPENDENTLY FROM TREES FLAMS FILED VERITY ALL ARREST AND ALL DISHOSIONS.

BUILDING PERMIT A BUILDING PERMIT MUST BE OBTAINED FROM THE LOCAL GOVERNMENT PRIOR TO ANY CONSTRUCTION.

NOTES

NOTES - WITH ARROWS
ARROWS NEXT TO NOTES ARE INTENDED TO DRAW ATTENTION;
HOWEVER, ALL OTHER NOTES ALSO APPLY.

NOTES - WITH N/A

N/A NEXT TO A NOTE INDICATES THE NOTE MAY NOT APPLY.

NOTES - ALL APPLY

ALL "GENERAL" AND "CONSTRUCTION" NOTES APPLY TO THIS ENTIRE SET OF DRAWINGS.

NOTES - LINED OUT
HOTES WITH LINE(S) THAT STRIKE THROUGH THE TEXT OF THE
HOTE INDICATE THAT THE BOTE IS DELETED.

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PLAN SET

CODES PRINTED AND PRINTED THE STATE ARCHITECT DEPT OF HOUSING & COMMUNITY DEV DIVISON OF CODES AND STANDARDS

2019 CCR CALIF CODE OF REGULATIONS 2019 T24 CALIF BUILDING STDS CODE > (ECD 1 = DWELLING)

2022 CA BUILDING CODE CBC
2022 CA RLEC CODE CBC
2022 CA BEECH CODE CBC
2022 CA FLORES CODE CBC
2022 CA FLORES CODE CBC
2022 CA FLORES CODE CBC
2022 CA REERGY CODE TITLE 24, PART 6
2022 CA GREEN BLDG STOS CODE, CALCEREN

COMPLY WITH ALL LOCAL, STATE, FEDERAL LAWS, & BUILDING OFFICIAL DIRECTIVES CODES - EXCERPTS
SEE CODES FOR EXACT REQUIREMENTS.

MINIMUM REQUIREMENTS
ALL DRAWINGS, NOTES, AND SPECS
ARE MIN REQUIREMENTS. CODE OR OTHER
REQUIREMENTS MAY BE HIGHER.

DEFINITIONS
FUTURE: MEANS NOT ON THIS PERMIT
OPTION: MEANS OWNER OPTION (UCN)

MANUFACTURER
ALL MANUFACTURERS' SPECIFICATIONS
AND RECOMMENDATIONS SHALL BE FOLLOWED CONSTRUCTION - STRENGTH ALL FOUNDATION FRANKING CONNECTIONS, AND ALL OFHER BUILDING COMPONENTS AND SYSTEMS SHALL BE FASTENED, CONNECTED, AND CONSTRUCTED TO ADEQUATELY REIST ALL FORCES, INCLUDING, BUT NOT LIMITE TO, STATIC, SEISHIC, AND WIND LODDS.

CONSTRUCTION - QUALITY
PROVIDE ALL MATERIALS, COMPONENTS,
SYSTEMS, DOORS, WINDOWS, CASHIERS,
FIXTURES, APPLIANCES, EQUIPMENT, TRIM,
FINISHES, AND ALL OTHER TERS FER
COCATON, AS TAR AND CURRENT THE SIZE,
COCATON, AS TAR AND CURRENT SHOULD BE
MARKET VALUE OF THE PROPERTY.

GENERAL

PROJECT DRAWINGS ARE FOR THIS CHE SPECIFIC PROJECT ONLY.

DIMENSIONS BUILDER SHALL BE FULLY RESPONSIBLE FOR ALL DIMENSIONS AND VERFFICATION NUITTER DIMENSIONS TARE PRECEDENCE OVER SCALED DIMENSIONS, IN FACE OF DISCREPANCY, BUILDER SHALL VERLY CORRECTNESS OF BUILDER'S INTERPRETATION ESPORE PROCEEDING.

UNIT THIS SET OF DRAWINGS IS AN INTEGRAL UNIT. ALL SHEETS SHALL BE INTERPRETED WITH RESPECT TO THE SET OF DRAWINGS AS A HECLE. ALL REQUIREMENTS MESTER GENERAL OR SPECIFIC SHALL BE INTERPRETED IN COMJUNCTION WITH ALL OTHER INFORMATION IN THE SET OF DRAWINGS.

INTENT BUILDER SHALL EXECUTE THE CONSTRUCTION WORK SO AS TO ACHIEVE BOTH THE LETTER AND INTENT OF THESE DRAWINGS

WORKMANSHIP BUILDER SHALL EXECUTE THE CONSTRUCTION WORK IN A SUBSTANTIAL AND WORKMAN-LIKE MANNER.

SAPETY BUILDER SHALL SAPELY SHORE ALL CONSTRUCTION THROUGHOUT ALL CONSTRUCTION PHASES. BUILDER SHALL BE FULLY RESPONSIBLE FOR ALL SAFETY RELATED ITEMS.

SIGNATURE SIGNATURES BY EYCO APPLY ONLY TO ITEMS AUTHORIZED BY EYCO. AUTHORIZATION ONLY UNALTERED DRAWINGS AUTHORIZED AND ISSUED BY EYCO IN WRITTEN OR GRAPHIC FORMAT ARE VALID, ALL OTHER DOCUMENTS ARE VOID.

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	CLE	AN BAY	

REVISIONS SEE INDEX

#	DATE	COMMENTS	
	*	# DATE	# DATE COMMENTS

CALIF RESIDENTIAL CODE

1) COMPLY WITE CRC FOR ALL NON-STRUCTURAL ITEMS
2) COMPLY WITE CRC FOR ALL STRUCTURAL ITEMS (UON)

GREEN REGULATIONS

- 1) COMPLY WITH ALL GREEN LAWS 2) COMPLY WITH ALL GREEN REGULATIONS 3) COMPLY WITH CALGREEN 2022 4) SEE GREEN IMPO AT SHEETS: AT END OF SET

CLIENT:

		SANTA CLARA, CA 95050	_
	REVISIONS		_
	REV-0	PROJECT: SINGLE FAMILY RESIDENCE DETACH	ED ED
	REV-1	PROJECT: MEMADDITION_X REMODEL_	_
	_	SCOPE-BLDG-DEPT: • ADD 1 BEDROOM	
	REV-0	• ADD 1 BATHROOM	
IONS	REV-1	• ADD 1 COAT CLOSET • ADD 1 FOYER	
20110	REV-0	• ADD 1 LAUNDRY CLOSET	
		• ADD 1 STUDY	
		SCOPE: STORIES: ONE TWO X TYPE:	VB
G		CODE GROUP(S): R-3 U	
TON			

AREA (SF) * TOTAL

PROJECT DATA

SAINI

2841 PRUNERIDGE AVE

HOUSE	2636		2170	466			
GARAGE	497		497				
PORCH	18	=	=	18			
							ı
	=	=	=	=	_		
							0
	=	_	_	=	=		8
TOTAL	3151 sr						
LOT	8840 sr						
F.A.R. SF	87	_					ဏ୍ဍ
F.A.R. &	•	=				=	2023
COVERAGE SF	3151 sr						잃
COVERAGE &	35.7 *						66
							r_

(E) (N) REMOVE CONVERT

- SQUARE PRET (ALL AREAS ARE APPROX) * SF (BASED ON DATA PROVIDED BY OTHERS) F.A.R. % = FLOOR AREA RATIO ITEMS / LOT AREA

COVERAGE % = COVERAGE ITEMS / LOT AREA SUBMITTAL

PLEASE ACCEPT FOR PLAN CHECK, OR RETAIN 1-SET FOR REFERENCE BY DEPTAMENT HEADS FOR PHONE QUESTIONS FROM EYCO

CHECKER - IF QUESTIONS
PLEASE CONFER WITH SUPERVISING PLAN CHECKER

CHECKER - RED-LINED PERMIT SETS OK GOVERNMENT AND GOVERNMENT CONTRACT FLAM CENCRURS ARE HEREBY GRANTED PERMISSION BY EYCO DESIGN TO RED-LIME THESE PLANS AND ISSUE PERMIT SET(S). SUCH RED-LIMES SHALL BE LIMITED TO APPROPRIATE CODE RELATED GTH AND/OR QUALITY SHALL NOT BE REDUCED RELOW WEAT IS ALREADY SHOWN

CHECKER - EMAIL PREFERRED

CHECKER - PLEASE CHECK WITH CARE ONLY NON RUSE PROCESS APPROVED BY EYCO DESIGN.

FINAL DRAWINGS **FULL SET APPROVED** ANY AND ALL CHANGES REQUESTED BY CLIENT(S) WILL REQUIRE ADDITIONAL FEES AND RETAINER

(STONED COPY ON PILE AT EYCO)

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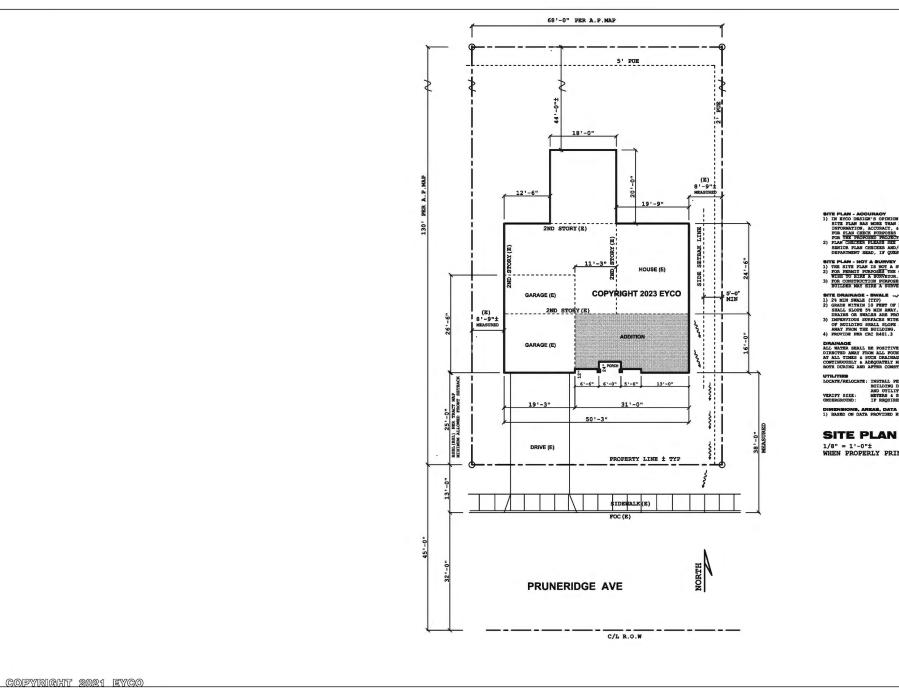
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NON-STRUCTURAL SET

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2

O a 11



SHIE PLAN - ACQUIRACY

1) IN EYCO DESIGN'S OPINION THE
SITE PLAN HAS MORE THAN ENCOUR
INFORMATION, ACCURACY, & CLARITY
FOR FLAN CHECK FURDOSES
PROPERTY
12 PLAN CHECKER PLANSES
BESIGN FLAN ELECTRE MAJOR
DEPARTMENT HAD, IT QUESTIONS

SITE PLAN - NOT A SURVEY

1) THE SITE PLAN IS NOT A SURVEY.

2) FOR PERMIT PURPOSES THE OWNER MAY
WISH TO BIRE A BURVEYOR.

3) FOR CONSTRUCTION FORMOSES THE
BUILDER MAY HIRE A SURVEYOR.

DRAINAGE
ALL MATER SHALL RE POSITIVELY
DIRECTED AMAY FROM ALL FOUNDATIONS
AT ALL TIMES 6 SUCH DRAINAGE SHALL RE
CONTINUOUSLY & ADEQUATELY MAINFAILED
BOTH DURING AND AFTER CONSTRUCTION.

UTILITIES
LOCATE/RELOCATE: INSTALL PER CODES,
BUILDING DEPARTMENT
AND UTILITY COMPAN
VERIFY SIZE: MITTERS 4 PARELS
FRINZERGROUND: IF REQUIRED

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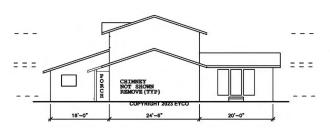
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CONSTITUTE

Date MAR-29-2023

Job SAINI

3



(E) RIGHT ELEVATION (A)

SCALE: 1/8" = 1'-0"±

24" MAX EAVE TO EAVE PER CITY 16'-0"

(N) RIGHT ELEVATION (A)

SCALE: 1/8" = 1'-0"±

ELEVATIONS

1) ALL ROOPS COMPOSITION SHINGLES
2) GARAGE 2FF WING WALLS BRICK VENEER
FRONT WALLS BORIZONFAL "MOOD" SIDING
MAIN SIDES AND REAR WALLS STUCCO
3) MAIN ROOPS SLOPE 4:12 4/DOMMERS AND NEW PORCE ROOP SLOPE 8:12 +/-

ROOF - GENERAL

1) EAVES, FACIAS, GUTTERS: (N) (THE)

PROOF

1) MAIN SLOPE 4:12
PORCH SLOPE 8:12
2) ASPHALT SHINGLES (TME)
3) COLOR LIGHT GRAY (E)

WALLS
1) WOOD SIDING/STUCCO SEE PLANS
2) COLOR GRAY
3) REMOVE ALL SHUTTERS

WINDOWS

1) MATERIAL: (N) VINYL

2) COLOR: BLACK

3) GRIDS: P/O(V)

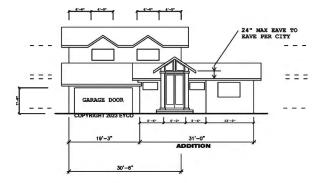
TRIM | 11 FASCIA GUTTERS STYLE THE COLOR BLACK | 20 WINDOW TRIM STYLE THE COLOR BLACK | 31 DOOR TRIM STYLE THE COLOR BLACK

ELEVATIONS (4)

1/8" = 1'-0"±

= = =

(E) FRONT ELEVATION (A) SCALE: 1/8" = 1'-0"±



(N) FRONT ELEVATION (A) SCALE: 1/8" = 1'-0"±

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AND ALL SPECIFICATIONS.



MECHANICAL

VENTILATE
ROOMS: BATHROOMS & LAUHDRY
WITHOUT: OPERABLE AREA = .05 X FLOOR
FAM: 5 AIR CHANGES PER HOUR

APPLIANCES
PROVIDE ELECTRICAL TO ALL APPLIANCES

FURNACE AIR
AIR: COMBUSTION TOP 6 BOT VENTS
200 SQIN MIN EACH
CODE: CMC 4 MMC TARLE 7-A

PLUMBING

ER SAZEN

1.09 SQUARE INCHES MIN.

1.09 DIAMETER MIN

CLEAR TO CENTRALINE OF CURB

22" WIDE CLEAR OPERING MIN.

DOOR MOST SWING OUT

DOOR MAX SWING BOTH OUT AND IN

CRC 408.5, 408.6 DOOR:

WATER HEATER
IF GRANGE: FLATFORM 18" ABOVE FLOOR
STRAPS: PER STATE ARCHITECT
VALVE: PRESSURE RELIEF TO EXT.
ACCESS: 24" MIN DOOR, ACCESS: 24" MIN DOOR, ACCESS: URC 511.0, 1310(e)

APPLIANCES GAS PER OWNER (V)

FLOOR

TREASURE SEE TITLE-74 BREAKET SHEET
TREASURED CLAIMING DOORS
1 SHIRCITES DOORS ALUDING DOORS
1 FIRED DOORS ALUDING DOORS
1 FIRED DOORS
1 FIRED

FIRE WALL

LOCATION: ROUSE TO GRANGE SEPARATION DOORS: 1 3/8" S.C. TIGHT, CLOSER, MATERIAL SERVICE AND ASSESSED AND ASSESSED AND ASSESSED AS

LOCAL EXHAUST VENTILATION FOR BATHROOM

- Bathroom Fan Flow (cfm) = 50 CFM

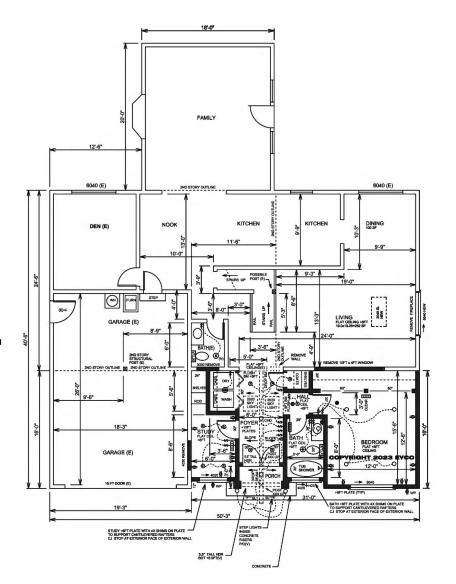
- Duct Type

= FLEX DUCT

- Duct Size (in)

= 4" DIAMETER

This exhaust fan is required to be rated for sound at a maximum of 3 sones.



NOTION TO ENGINEER

PRELIMINARY PLANS HAVE NOT YET

REER APPROVED BY CITY.

PRESH APPROVED BY CITY.

PRESH APPROVED BY CITY.

PROVED BY COMMANDER BY COMMANDER

AS-BUTLET DATA.

PROVED BY COMMANDER BY COMMANDER

OF BEST STANDARD RAISED NOCH DATA

FOR BY CHAMBADE RAISED NOCH DATA

PROVIDE STEEL POST AF

ORDER TOWNS OF COMMANDER BAS PICTORES.

WALL LEGENS

ELECTRICAL

1) ALL LIGHTS DIMMABLE P/O(V)

ELECTRICAL

1) HIGH EFFICACY LIGHTS, AT ALL (N)
LIGHTS PER 2015 TITLE-24 EMERGY CODI

2) VERIFY ALL ELECTRICAL & LIGHTING
STYLES AND LOCATIONS WITE OWNER

3) L.B.D. LIGHTS WHENE FRASIRLE P/O(V)

\$ SWITCH DUPLEX OUTLET STANDARD

DUPLEX OUTLET GFT

SMOKE DETECTOR CRC R314 CARBON MONOXIDE CRC R315 USE COMBINED UNIT(S)

OF FLUORESCENT

⊕ FLUOR+FAN+HEAT 3-SWITCHES ⊕ FLUOR+FAN 2-SWITCHES

(E) EXHAUST PAN

(R) RECESSED CAN LIGHT

CEILINGS - NEW 1) ALL CEILINGS SHALL BE FLAT

ROOM SIZES
1) ALL ARE APPROXIMATE (TYPICAL)

FLOOR PLAN

SCALE: 1/4" = 1'-0"± WHEN PROPERLY PRINTED

Date MAR-29-2023 Job SAINI

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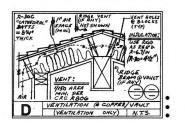
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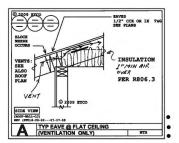


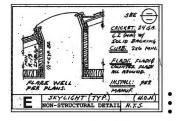
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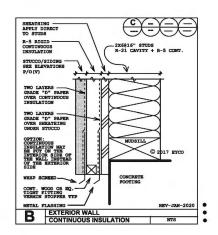
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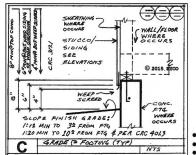
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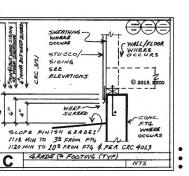


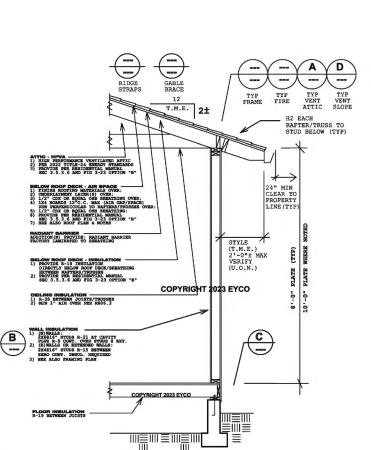












ROOF

1) USE LAMINATED RADIANT BARRIER
2) SEE ROOF PLAN
3) SEE ROOF FRAMING PLAN

CEILING CHELINGE 1) FILSS: MOKE FINISH FLUSH WITH (E) 2) FRANING 915": 1/2" GYP. BD. 3) FRANING 924": 1/2" SAG RESISTANT TYPE 4) FRANING 924": 5/8" GYP. BD.

WALLS - EXTERIOR EXTERIOR: NEARS OUTSIDE FINISH: FINISH: STUDS: WOOD: STUCCO

PRESIDENT AND ACCOUNTS AND ACCO

WALLS - FIRE WALL
SEE: "FIRE WALLS" SEE FLAMS
1/2" GVF DO AR CARAGE SIDE
OF COMBON GARAGE-HOUSE WALLS
STUDS: 2x4 8 16" (UOM)
CRC

WALLS - INTERIOR - IF ANY
INTERIOR:
MEANS MOME-EXTERIOR RALL
STUDS:
SELOCIS:
FIRE RACCES AT STUD SPACES
FIRENTE:
MACRIETICAL SPACING
FIRENT:
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M

FLOORS
1) SEE PRANTING & POUNDATION PLANS

FOUNDATION

1) SEE FOUNDATION PLAN

CODE:

ENERGY - MATERIALS

1) SEE ALSO TITLE-24 ENERGY SHEETS

Date MAR-29-2023 Job SAINI 6

Oor

TYP SECTION A-A

SCALE: 1/2" = 1'-0"± WHEN PROPERLY PRINTED

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AND ALL SPECIFICATIONS
AND ALL SPECIFICATIONS

Pilet 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 Bau per hour); and pool an § 110.5c sop hasters.

Building Cooling and Heating Loads. Heating and/or cooling loads are calculated in accordance with the ASHRAE Heantbook, Engineer's Volume, Applications Volume, and Fundamental Volume; the SMACAM, Residential Comfort System Installation Standards Manual or the ACCA Manual Justing design conditions gooded in § 150 (2010).

Clearances. Air conditiones and heat pray outdoor condensing units must have a determine of all best five feet from the outdet of any § 150.0(h)1: dryer. Liquid Line Drier. Air conditioners and heat pump systems must be equipped with liquid line filter driers if required, as specified by the § 150.0(h)3B: § 150.0@2: including for be probleted by a Class of Culties in report resources in part of the problete o 6 150,0(e)1; more Sun 2" higher than the bear of the water haster Solar Wilsenheeting Systems. Solar witer-haster systems and collections must be certified and rated by the Solar Rating and Conflictation Congruing (SISCL), the International Association of Pumbing and Mechanical Officials, Research and Testing (APMO RAT), or by a licking agency that is approved by the executive director. 6 150 0(e)3: Ducts and Fans Ducts, haudation installed on an estimpt quote-conditioning duct must comply with § 69.4 of the California Hechanical Closs (CNLC), I a contractor maintails the healthcall, particularly maintails the healthcall particularly maintails the relation, the contractor must confly in the contractor, must part to present the contractor of the Compliance. As the Contractor of the Compliance, the Compliance has the development number of the Compliance has the contractor of the Compliance has t § 110.8(d)3: name du care in the first of the Common of t § 150.0(m)2: 6 150 0(m)3: § 150.0(m)7 dergoes.

Only Verification Elempore. Cominy residing a grainst sorwing conditioned space most have shiften admirals or residy accessible, massably operated designers in all powers; to the calcide, assays controls or related and confirm an appropriate and confirmation of the calcide and propriate and resident resident and confirmation and confi § 150.0(m)8. \$ 150.0(m)(R) & 150 D(m)10: Procus have Core Res Dut. Prouch in our crest of fine dust must have a conjourned type or at interir between the here care and our operations of the confidence of the confide § 150.0(m)11:

2022 Single-Family Residential Mandatory Requirements Summary

Laminative or other device shall be no more than the member of bedrooms. These beas must be served by a dimmer, excessly season control, low voltage wires, or fair posed control. On the control was settled by a dimmer, excessly season control, low voltage wires, or fair posed control. Update principal for behavior fair as challenged by the manufacture in kindne enhanced must fair as challenged by the manufacture in kindne enhanced must fair as challenged by the manufacture in kindne enhanced must fair as challenged must meet the applicable requirements of § 150.000. 6 150,0kHF: **COPYRIGHT 2023 EYCO**

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6 150.0(m)13:

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COPYRIGHT 2023 EYCO 2022 Single-Family Residential Mandatory Requirements Summary Energy Storage System (ESS) Ready. At single-lently residences must meet all of the Stowing Ether ESS-ready interconnection explanar aim backet or capsaly of the storage or more and to are more ESS expelled transit chanks, as a declared servery from the source colorated at all president declared to a specific by the ESS when the colorate specific presidence and source colorated at all president declared to septicify the ESS when the cell set specify replents, con splitting or colorated as all controls and controls are specific president and the second set of the specific president countries or colorated as all controls and controls are specific president and the controls are set of the colorate specific president and the colorate specific president and the colorate president and the color \$ 150.0(a) § 150.0(u) "2401" select," and a restriend name inscircts services poses (specio to stort for the restriction of a double pole crust invested profit manufacted as for full sear (2401) seen.

Bestrict College Days Ready, College double profit continues with great or proposes plumining to serve individual deselling unit serve plumining to serve § 150.0(v)

COMPLY WITH ALL MANDATORY MEASURES.

COMPLY WITH ALL TITLE-24 ENERGY REQUIREMENTS.

CALIFONIA ENERY COMMISSION HOTLINE 800-772-3300.

ENERGY FORMS AND COMPLIANCE MANUALS ARE READILY AVAILABLE ONLINE.

2022 Single-Family Residential Mandatory Requirements Summary

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9 Triversion Concepted South and resistanting, or develop designation of the context power results of t

Lighting:

Lighting Controls and Components. All lighting control devices and systems, ballasts, and luminaires must meet the applicable

Leminater Efficacy. All installed leminates must meet the requirements in Table 190.0-A, except lighting integral to exhaust fare, kitchen range roots, both verily minors, and garage door operance, revigation lighting less than 6 widts, and lighting internal to classers, cabbrids, and if adopts with an efficiency of all based 54 mores par wait.

Screw based luminaines. Screw based luminaines must contain lamps that comply with Reference Junt Appendix JAS.

Recessed Downlight Luminaines in Cettings, Luminaines recessed into ceilings must not contain sonew based sockets, must be sirtial.

Recessed Downlight Luminaires in Ceilings, Luminaires recessed into ceilings must not contain sorew based sockets, must be airlig and must be seaked with a gasted or caulk. California Electrical Code § 410.116 must alway be met. Linit Saumera in Enclosed or Recessed Luminiaires. Lamps and other repurable (jet) sources that are not compliant with the JAS

elevated temperature requirements, including marking requirements, must not be installed in enclosed or recessed trainitaires.

Blank Electrical Boxes. The number of electrical boxes that are more than the feet above the finished floor and do not contain a

and HKV and EKV sin emission must be verned in accordance with Keller must be verified per Reference Residential Appendix RA3,7.4.3 to confirm rates and abund requirements per §150.0(a)1G

Control lost influence receiving 1 (author) or the receivement or per receivement or per security (author) or the receivement of person and receivement of the receivement of person and receivement of the receivement of person and receivement of the receivement

Space Conditioning System Airflow Rate and Fan Efficacy. Space conditioning systems that use ducts to supply occling must have tinks for the elegatrant of a static pressure probe, or a permanently installed static pressure probe in the supply plant must have a nois to the placement of a static present prode, or a permanently installed static pressum probe in the supply informs. After me to 2 300 CPU per for of northest coding region, of an ell-handles up with the riflect por CPM for set offers. Small duct high velocity systems must provide an aniform 2 250 CPM per ton of nor coding capacity, and an ell-handles per til on efficacy of 0.02 veets per CPM. Pest verification testing is required in accordance with reflectors described proposals 453.3.

requirements of § 110.9.

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APPROVED:

Date MAR-29-2023

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2022 Single-Family Residential Mandatory Requirements Summary \$ 150.00/105
Screw based luminatives. Screw based luminatives must contain laterpa that comply with Reference Joint Appendix JAB.

Uight Secures in Enclosed or Recessed Luminatives. Lumps and other separable light sources that are not compliant with the JAB elevied timesters. Lumps are charged to the lateral to the state that on enclosed or recessed burnatives. Light Sources in Drawers, Cabinets, and Linen Closets. Light sources internal to drawers, cabinety or linen closets are not require to comply with Table 190.0-A or be controlled by viscancy sensors provided that they are rated to consume no more than 5 writts of power, entit on once than 150 linens, and are equipped with controls that accuminately but the fighting off when the disease, cabinets. 6 150,00011: Dotted: varies to involve finan chosels of botted. Interior Switchee and Controls. All forward phase cut dimmers used with LED light sources must comply with NEMA SSL 7A. \$ 150.0k)2B: Interior Switches and Controls. Exhaust fans must be controlled separately from lighting systems.*

Accessible Controls. Lighting must have readily accessible wall-incomed controls that allow the lighting to be manually turned. § 150.0(k)2A: on and off."

What lipie Controls. Controls must not byposs a Gimmer, occupant sensor, or vacancy sensor function if the Gimmer or sensor is installed to comply with § 150 (bit). ultrements. Lighting controls must comply with the applicable requirements of § 110.9.

meet Control Systems. An energy management control system (EMCS) may be used to comply with dimenting,
order for requirement it if provides the huckionsisty of the apposited control (ps § 11.0.5 and the physical controls specific § 150.0(k)2C: Energy Windepended Control organisms, no very grows and the special control (or § 11.05 and the physical control specials in the Indication) of the specials control (or § 11.05 and the physical control specials in 15.000,000).

Advanted Schadiff Controls, in believe the special buildy control, still yours and which include, all controls are proposed to the control of the special control (or proposed controls) and the special control of the special control 6 150.00ki2D: § 150.0002F: § 150.0(k)4: stellar presentation and a state of the stat § 150.0(k)5: Single-family Residences. Single-family residences located in subdivisions with 10 or more single-family residences and where the application for a lentative subdivision map for the residences has been deemed complete and approved by the enforcement agency. § 110.10(a)1: application for all installates subchildure may be the enablement between consequent and approved by the encountered process, and a contract of the contract o Azimuth. All sections of the solar zone located on steep-sloped roofs must have an azimuth between 90-300" of true north

Decumentation. A copy or as commonwhere
provided to the occupied must be occupied to the occupied to the occupied.

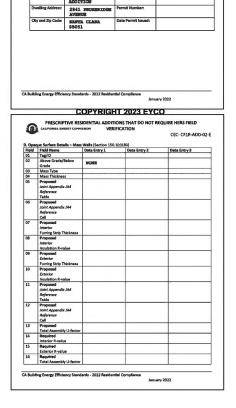
Main Decknot Service Parell. The main electrical service point must have a minimum busbar rating of 200 amps.

Main Decknot Service Parell. The main electrical service point must have a reserved space to allow for the inspillation circuit breaks for a fixture solar electric installation. The reserved space must be permanently method as "For Fixture Solar
time of the commonwhere the commonwhe

22 sings is, allowing topic must be missed to be allow fairs installation of a symbol solidon equipment/source sent in which in 27 of the 18 miles of the symbol solidon equipment/source sent in which is 27 of the 18 miles of the symbol solidon equipment/source sent in the firm graph specific sent in s

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PRESCRIPTIVE RESIDENTIAL ADDITIONS THAT DO NOT REQUIRE HERS FIELD CALIFORNIA EMERGY COMPINERION VERIFICATION

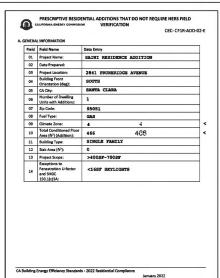
CERTIFICATE OF COMPLIANCE
This compliance document is only applicable to additions less than or equal to 1,000 square feet (f)(2)and do
not require HERS less well as well-categories. When HERS wer@cotton in required, a CFIR-ADD-DL shall
first be registered with a HERS Provider Data Registry.

Abertation in Spart Candidiosky Systems that are exempt from MES verification requirements may use the control CAO 20 Action of the CA

Additions or oftentions that utilize closed and Spray Polyurethane Foom (aSPF) with a density of 1.5 to less than 2.5 pounds per cubic foot having an R-value prefet than 5.8 per incl., or open cull Spray Polyvethane Foom (aSPF) with a density of 0.4 to less than 1.5 pounds per cubic foot having an R-value of 3.6 per inch, shall complete and register a CSFR ADD-0.0 with a NRSS Previder Data Registry.

If more than one person has responsibility for installation of the items on this certificate, each person shall prepare and sign a certificate applicable to the portion of construction for which they are responsible. Alternatively, the person with chief responsibility for construction shall prepare and sign this certificate for the entire construction. All applicable Mandatary Measures shall be met. Temporry lobals that may be removed

Field Name Data Entry Field Name Data Entry
Project Name: RAINE NESTMENT Enforcement Agency:
ADDITION



Fleid	Field Name	Data Entry 1	insulation (see Table 110 Data Entry 2	Data Entry 3
01	Floor Type	NO SLABS	Data Entry 2	Data Entry 3
02	Proposed Insulation R-value	NO SILADS		
03	Proposed Insulation U-factor			
04	Required Insulation R-value			-
05	Required Insulation U-factor			
06	Comments			
For	Radiant barriers compliance with Reference Apper The emittance of American Society Prescriptive Compliation 1 square foot (the Building Energy Effi dices, Residential Appe the radient barrier sha- r for Testing and Materi nce the attic shall be ve ft ²) of vent area for each	oility and installation crite ciency Standards for low- ndb; RA4.2.1 lbe less than or equal to alt (ASTM) C1371 or ASTM intilated to provide a min h 300 square feet (ft ²) of a	rise residential buildings. Refer to 0.05 as tested in accordance with W E408. imum free ventilation area of not attic floor area with a minimum o
For less 40 ach	Radiant barriers : compliance with Reference Apper The emittance of American Society Prescriptive Complia than 1 square foot (percent to no more ti ieve the best perform	shall meet specific eligit the Building Energy Effi dices, Residential Appe the radient barrier sha r for Testing and Materi nee the attic shall be ve fit?) of vent area for each han 50 percent upper w nance. The material sho	pility and installation crite ciercy Standards for low- ndb, RA4.2.1 Il be less than or equal to als (ASTM) C1371 or AST9 inflated to provide a mini h 300 square feet (ft ¹) of a mints. Ridge vents or gable uid be cut to allow for full be cut to allow for full	rise residential buildings. Refer to 0.05 as tested in accordance with 4 E808. Imam free ventilation area of not attle floor area with a minimum o rend vents are recommended to Il airflow to the venting.
For less 40 ach	Radiant barriers ownplance with Reference Apper The emittance of American Society Prescriptor Compile than 1 square foot (percent to no more to teve the best perform Field Name Radiant Barrier installed below	shall meet specific eligib the Building Energy Effi dices, Residential Appe the radient barrier sha for Testing and Materi nee the attic shall be we fit!) of vent area for each han 50 percent upper w	oility and installation crite ciercy Standards for low- ndbt, RA4.2.1. Il be less than or equal to als (ASTM) C1371 or ASTP inflated to provide a mini h 300 square feet (ft ²) of i ents. Ridge vents or gable ents. Ridge vents or gable	rise residential buildings. Refer to 9.05 as tested in accordance with M E808. Imum free ventilation area of not stic floor area with a minimum or end vents are recommended to
For less	Radiant barriers : compliance with Reference Apper The amittanca of American Society Prescriptive Compliance foot (percent to no more tieve the best perforn Reid Name Radiant Barrier Radiant Barrier	shall meet specific eligif the Building Energy Effi didocs, Residential Appe the radient barrier sha for Testing and Materi neet the attic shall be ve ft ²) of vent area for each han 50 percent upper wannee. The material sho Data Entry 1	pility and installation crite ciercy Standards for low- ndb, RA4.2.1 Il be less than or equal to als (ASTM) C1371 or AST9 inflated to provide a mini h 300 square feet (ft ¹) of a mints. Ridge vents or gable uid be cut to allow for full be cut to allow for full	rise residential buildings. Refer to 0.05 as tested in accordance with 4 E808. Imam free ventilation area of not attle floor area with a minimum o rend vents are recommended to Il airflow to the venting.
For less 40 ach	Radiant barriers : oompliance with Reference Apper The emittance of American Society Prescriptive Compilia than 1 square foot percent to no more tieve the best perforn Field Name Radiant Berrier installed below the roof deck and on all gable end	shall meet specific eligif the Building Energy Effi didocs, Residential Appe the radient barrier sha for Testing and Materi neet the attic shall be ve ft ²) of vent area for each han 50 percent upper wannee. The material sho Data Entry 1	pility and installation crite ciercy Standards for low- ndb, RA4.2.1 Il be less than or equal to als (ASTM) C1371 or AST9 inflated to provide a mini h 300 square feet (ft ¹) of a mints. Ridge vents or gable uid be cut to allow for full be cut to allow for full	rise residential buildings. Refer to 0.05 as tested in accordance with 4 E808. Imam free ventilation area of not attle floor area with a minimum o rend vents are recommended to Il airflow to the venting.

1) COMPLY WITH ALL STATE AND LOCAL TITLE-24 ENERGY REGULATIONS 2) COMPLY WITH ALL MANDATORY MEASURES

2022 EMERGY FORMS, MANUALS, AMD STANDARDS ARE READILY AVAILABLE CMLINE AT: https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency

Field	Field Name	British State	IDATA 2	DAGE: By	DATA 4	DATE: 5	DATA 6
01	Tag/ID						
02	Assembly Type	ROOF	CEIL	WALLS	WALLS	IFLOOR.	
03	Frame Type	MOOD	WOOD	MOOD	WOOD	WOOD	
04	Frame Depth (Inches)	5.5"	5.5"	5.5"	3.5"	5.5"	
05	Frame Spacing (inches)	24"	24"	16"	16*	16"	
06a	Proposed Cavity R-value	R-19	R-38	R-21	R-15	R-19	
06b	Proposed Continuous Insulation R-value	R-0	R-0	R-5	R-0	R-0	
07	Proposed U-Factor			.048	H/A		
08	Proposed Joint Appendix JA4 Reference Table						
09	Proposed Joint Appendix JA4 Reference Cell						
10	Required U-Factor from Table 150.1-A			.048	H/A		
11	Comments			(W) 2X6	(E) 2X4 ALIGN		
A Build	Ing Energy Efficiency Stans	Sards - 2022 F	Rasidential C	ompliance	January 20	22	

6	PRESCRIPTIVE RES		NS THAT DO NOT RI	EQUIRE HERS FIELD
-			CATION	CEC- CF1R-ADD-02-
		f area covered by build sumpt from the above instructions with weigh	Coal Roof requirements t of 25 pounds per squa	re foot (ib/ft ²) are also
Field	Field Name	Data Entry 1	Data Entry 2	Data Entry 3
01	Exception	4:12. CE=4	Date Citty 2	Data Elitry 3
02	Roof Pitch	4:12, Ch=4		
03	Method of Compliance	4:12		
04	Product Type			_
05	CRRC Product ID Number			
06	Proposed Initial Solar Reflectance			
07	Proposed Aged Solar Reflectance			
80	Proposed Thermal Emittance			
09	Proposed SRI (Optional)			
10	Required Aged Solar Reflectance			
11	Regulred Thermal Emittance			
12	Required SRI (Optional)			

Fleid Name Tag/ID	Data Entry 1	Data Entry 2	Data Entry 3
Assembly Type	SICHE		
Assembly Materials			
Thickness			
Proposed			
Proposed Continuous Insulation R-value			
Proposed U-Factor			
Proposed Joint Appendix JA4 Reference Table			
Proposed Joint Appendix JA4 Reference Cell			
Required U-Factor from Table 150.1-A			
Comments			
	(Inches) Proposed Ore Insulation R-value Proposed Continuous Insulation R-value Proposed U-Factor Proposed Joint Appendix IAA Reference Table Proposed U-Factor U-Factor Froposed U-Factor Self-value Call U-Factor from Table U-Factor from Table 150.1-A	(Inches) Proposed Core Insulation R-value Proposed Core Insulation R-value Proposed U-Sector	(Inches) Proposed Core Insulation R-value Proposed Use Insulation R-value Proposed Use Insulation Use Insulation Use Insulation Use Insulation Use Insulation Use Insulation Ins

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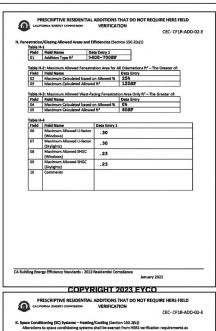
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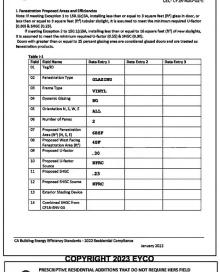
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Date MAR-29-2023



K. Spans Conditioning (SC) Spriams—Hearing/Conling (Section 150.3(b)) Alterations to space conditioning systems with but awaren/from Indigs writination requirements as prerequisite for use of the CFI-NAD-C2 and CF2-NAD-C2 compliance documents. If new space conditioning systems are installed or certain greaters are sitted and are set cereant for mid-SEC Proclaims conditioning systems are installed or certain greaters are sitted and are not cereant for mid-SEC Proclaims. Data Septime, in such row labors for each deselling conditioning check the back that indicates the sampletion from IEEE Proclaims. 01 02 SC System Location or Area Exemption from HERS Verification SC System Identification or Name Served EXISTING GAS FURNACE (E)+(E) CA Building Energy Efficiency Standards - 2022 Residential Compliance January 2022



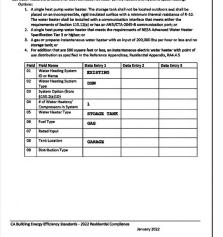
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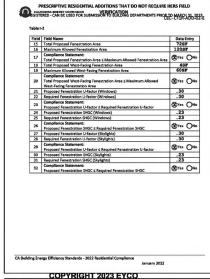
L. Wister Heating Systems (Section 150.2(a)10) List weter heaters and boilers for both domestic hot water (DHW) heaters and hydronic space heating.

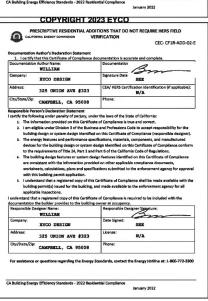
PRESCRIPTIVE RESIDENTIAL ADDITIONS THAT DO NOT REQUIRE HERS FIELD CALIFORNIA EMERGY COMMISSION VERIFICATION

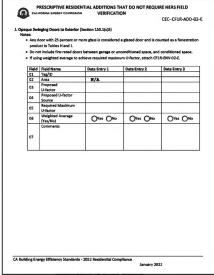
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Date MAR-29-2023

1) COMPLY WITH ALL STATE AND LOCAL TITLE-24 ENERGY REGULATIONS 2) COMPLY WITH ALL MANDATORY MEASURES

2022 EMERGY FORMS, MANUALS, AND STANDARDS ARE READILY AVAILABLE ONLINE AT: https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency

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APPROVED:

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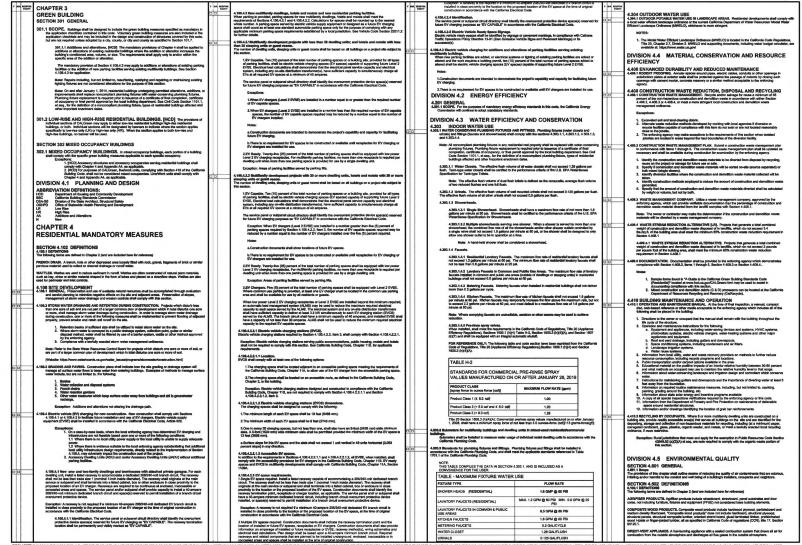


AIA California 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

RESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2023)

T YES

100 APPLICABLE
1000POR PRETY - REPORTER PARTY & ARCHITECT ENGINEER
OWNER CONTRACTOR HAPLETON ETC)



REVISIONS

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SAINI ESIDENCE PRUNERDGE AVE CLARA, CALIFORNIA R 1 2841 SANTA

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AIA California 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

RESIDENTIAL MANDATORY MEASURES, SHEET 2 (January 2023) W 108
WOT APPLICABLE
RESPONSELE PARTY IN ARCHITECT INGMISE
OWNER, CONTRACTOR, REPORTOR ETC.) TABLE 4.504.2 - SEALANT VOC LIMIT **CHAPTER 7** TABLE 4.504.5 - FORMALDEHYDE LIMITS. INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS 702 QUALIFICATIONS 702.1 INSTALLER TRAINING. sunds and hydrocarbon solvents are specified in CCR, Tille 17, Sections 947 SIGHTED MRR (PWMRR), The sum of all weighted-MIR for all ingredients in a product subject to this MIRR as the folial product reactivity expressed to hundredths of a gram of ozone formed per gram of ing container and packaging), is calculated according to equations found in CCR, Tille 17, Section 94521 (a). INGLE-PLY ROOF 8. Over program encourage and encourage and a compared to the program of the p SEALANT PRIMERS MODIFIED BITUMINOUS TABLE 4.504.3 - VOC CONTENT LIMITS FOR 4.604.3.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 4.504.1 BITUMINOUS ROOF COATINGS DRY FOG COATINGS
FAUX FINISHING COATINGS
FIRE RESISTIVE COATINGS to entired againty. Documentation was new activities.

1. Product settlement and specifications.

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6. Clear of causety coe DUSTRIAL MAINTENANCE COAT 4.505 INTERIOR MOISTURE CONTROL
4.505.1 General. Buildings shall meet or exceed the provisions of the California Building TABLE 4.504.1 - ADHESIVE VOC LIMIT: MAGNESITE CEMENT COATIN MASTIC TEXTURE COATINGS PRIMERS, SEALERS, & UNDERCOATERS ACI 302.279-06.

2. Other equivalent methods approved by the enforcing agency.

3. A state design specified by a licensed design professional. RECYCLED COATINGS ERAMIC TILE ADHESIVES ROOF COATINGS Moldates content shall be determined with other a probe-type or content-type moletare mater Equivalent face of Rection 1918. At the content of Rection 1918 and the Rection 1918 at t COVE BASE ADHESIVES ULTIPURPOSE CONSTRUCTION ADHERA SINGLE-PLY ROOF MEMBRANE ADHESIVE OTHER ADHESIVES NOT LISTED 4.506 INDOOR AIR QUALITY AND EXHAUST LISTS INDOOR AIR QUALITY AND EXHAUST LISTS IN STREET AND EXHAUST LISTS IN STR CPVC WELDING WOOD COATINGS WOOD PRESERVATIVES RUCTURAL WOOD MEMBER ADHESIV 1. For the purposes of this section, a betteroom is a room which contains a bethick, shower or OROUS MATERIAL (EXCEPT WOOD) 1. IF AN ADHESIVE IS USED TO BOND DISSIMLAR SUBSTRATES TOGETHER. THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

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APPROVAL BY EACH
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REVISIONS

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Date MAR-29-2023

Attachment 2: Project Data

2841 Pruneridge Avenue

Lot Size : 8840 sq. ft.			
	Existing Floor Area (sq. ft.)	Proposed New Construction (sq. ft.)	Proposed Floor Area (sq. ft.)
First Floor	2170	466	2636
Second Floor	n/a	n/a	n/a
Garage	497	n/a	497
ADU	n/a	n/a	n/a
Gross Floor Area	2685	466	3151
Lot Coverage	2685/8840=30%	+466 sqft	3151/6200=35%
Bedrooms/Baths	4-bedroom		5-bedroom
Flood Zone	Х	•	



City of Santa Clara

1500 Warburton Avenue Santa Clara, CA 95050 santaclaraca.gov @SantaClaraCity

Agenda Report

23-589 Agenda Date: 5/10/2023

REPORT TO DEVELOPMENT REVIEW HEARING

SUBJECT

Action on the conversion of a garage to a fourth bedroom and the construction of a new two-story garage with attic space at an existing single-family residence at 4628 Demaret Avenue. (CEQA: Exempt, Section 15301 (e)(3) New Construction or Conversion of small structures). Continued from April 19, 2023 Development Review Hearing:

File No.(s): PLN23-00077

Location: 4628 Demaret Drive, a 6,200 square foot lot located on the west side of Demaret

Avenue, approximately 140 feet north of Eisenhower Drive, APN: 097-17-095; property

is zoned Single Family Residential (R1-6L).

Applicant: Karen Lok **Owner**: Anna Huang

Request: Architectural Review of the conversion of a garage to a fourth bedroom and the

construction of a new two-story tall garage with attic space at an existing single-family

residence.

Project Data

The Project Data Table is included as Attachment 2.

Points for Consideration

- The project includes the conversion of a two-car garage to a fourth bedroom, and the construction of a new two-story, two-car garage with usable attic storage space totaling 2,135 square feet of building coverage.
- The subject lot is 6,200 square feet in size, where standard lots per the Zoning Ordinance are 6,000 square feet in size.
- The proposed project complies with the R1-6L zoning districts development standards for new construction.
- The proposal is not generally consistent with the Single-Family Residential Design Guidelines;
 and is not generally compatible with neighboring homes along the streetscape.
- The City's Single-Family Residential Design Guidelines provide the following:
 - o Roof forms for additions should match that of the existing roof form.
 - Front and side walls of the second floor should be set back from the first floor to minimize mass and bulk. Second-floor areas should be set back at least five feet from the front wall of the first floor, and three to five feet from the side and rear walls of the first floor.
 - Unless two-story high walls are common in the neighborhood, maintain a roof segment between the first and second-floor walls for at least 50% of the building perimeter.
 Generally, these roof forms should be carried around building corners to provide visual

continuity between adjacent house facades. In predominantly one-story neighborhoods, avoid two-story walls without intervening roof eaves on front elevations.

- The existing structure has a hip-roof and the proposed second story addition is a gable roof with large dormers on the front and rear.
- The proposed second story addition does not provide any set back from the first floor wall on the front or side elevations.
- The neighborhood contains a mix of one- and two-story residences; however, two-story high single walls are not common in the surrounding neighborhood.
- A neighborhood notice was distributed to properties within a 300-foot radius of the subject site for this project review.

Findings

- That any off-street parking area, screening strips and other facilitates and improvements
 necessary to secure the purpose and intent of this title and the general plan of the City area a
 part of the proposed development, in that;
 - The proposal provides the required two covered parking spaces with a proposed two car garage.
 - The required parking spaces are not located in the required front yard or side yard landscaped areas.
 - The proposed project provides areas surfaced with all-weather materials for parking of vehicles.
- 2) That the design and location of the proposed development and its relation to neighboring developments and traffic is such that it will not impair the desirability of investment or occupation in the neighborhood, will not unreasonably interfere with the use and enjoyment of neighboring developments, and will not create traffic congestion or hazard, in that;
 - The proposed conversion and new construction would not create traffic congestion or hazards.
 - Public streets are adequate in size and design to serve the single-family residence, and the use will not create a substantive increase in traffic.
- 3) That the design and location of the proposed development is such that it is in keeping with the character of the neighborhood and is such as not to be detrimental to the harmonious development contemplated by this title and the general plan of the City, in that;
 - The proposed addition is to be located outside of the required setbacks and will conform to all zoning requirements.
 - The neighborhood mostly consists of one-story residences, however, there are some two-story garage additions on adjacent streets, but two-story high walls are not common in the neighborhood
- 4) That the granting of such approval will not, under the circumstances of the particular case, materially affect adversely the health, comfort or general welfare of persons residing or working in the neighborhood of said development, and will not be materially detrimental to the public welfare or injuries to property or improvements in said neighborhood, in that;
 - The project is subject to the California Building Code and City Code requirements, which serve to regulate new construction to protect public health, safety and general

23-589 Agenda Date: 5/10/2023

welfare.

5) That the proposed development, as set forth in the plans and drawings, are consistent with the set of more detailed policies and criteria for architectural review as approved and updated from time to time by the City Council, which set shall be maintained in the planning division office. The policies and criteria so approved shall be fully effective and operative to the same extent as if written into and made a part of this title, in that;

- The project proposes a residential design that is not compatible in scale and character
 with the housing types that are typical in the neighborhood as the proposed design of
 the single-family residence has two story walls on the front and side elevations with no
 setbacks will have similar massing and height to the adjacent properties.
- The proposed residence is not consistent with the City's Single-Family Residential Design Guidelines.
- The proposed project complies with the R1-6L zoning districts development standards for new construction.

Conditions of Approval

- 1) Permit Expiration. This Architectural Permit shall automatically be revoked and terminated if not used within two years of original grant or within the period of any authorized extensions thereof. The date of granting of this Permit is the date this Permit is approved by the Development Review Officer.
- 2) The garage shall always be maintained clear and free for vehicle parking use. It shall not be used only for storage.
- 3) Prior to the issuance of a Building Permit, the development of the site and all associated improvements shall conform to the approved plans with File No. **PLN23-00077**, on file with the Community Development Department, Planning Division.
- 4) Landscaping installation shall meet City water conservation criteria in a manner acceptable to the Director of Community Development.
- 5) Maintain the front yard landscaping between the house and sidewalk. New landscape areas of 500 square feet or more or rehabilitated landscape areas of 2,500 square feet or more shall conform to the California Department of Water Resources Water Efficient Landscape Ordinance.
- 6) Developer/Owner is responsible for collection and pick-up of all trash and debris on-site and adjacent public right-of-way.
- 7) Construction activity shall be limited to the hours of 7:00 a.m. to 6:00 p.m. weekdays and 9:00 a.m. to 6:00 p.m. Saturdays for projects within 300 feet of a residential use and shall not be allowed on recognized State and Federal holidays.
- 8) Incorporate Best Management Practices (BMPs) into construction plans and incorporate post construction water runoff measures into project plans in accordance with the City's Urban Runoff Pollution Prevention Program standards prior to the issuance of permits.

ENVIRONMENTAL REVIEW

The proposed project is categorically exempt from the California Environmental Quality Act (CEQA) per CEQA Guidelines Section 15301 (e)(2) Replacement or Reconstruction, in that the project is limited to reconstructing a similar single-family residence on a previously built out single-family zoned parcel.

23-589 Agenda Date: 5/10/2023

PUBLIC CONTACT

On April 6, 2023, a notice of public hearing of this item was posted within 300 feet of the project site and mailed to property owners within 300 feet of the project site. Planning Staff has not received public comments for this application. This application was continued From 4/19/2023 Development Review Hearing to allow the applicant to be present for the meeting.

RECOMMENDATION

Redesign the second story of the proposed addition consistent with the Single-Family Design Guidelines.

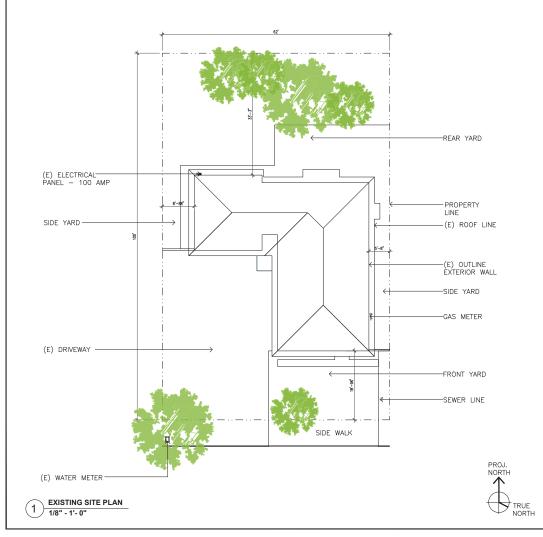
Prepared by: Daniel Sobczak, Assistant Planner, Community Development Department Approved by: Lesley Xavier, Planning Manager, Community Development Department

ATTACHMENTS

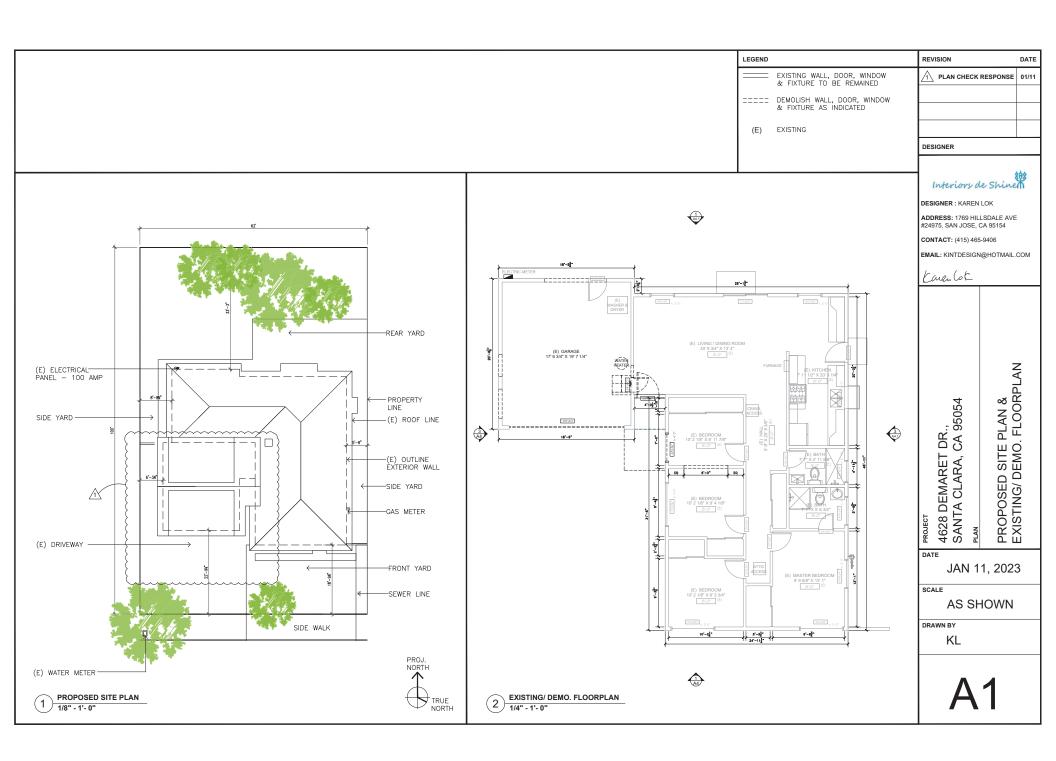
- 1. Development Plans
- 2. Project Data
- 3. Staff Presentation from April 19, 2023 DRH Meeting

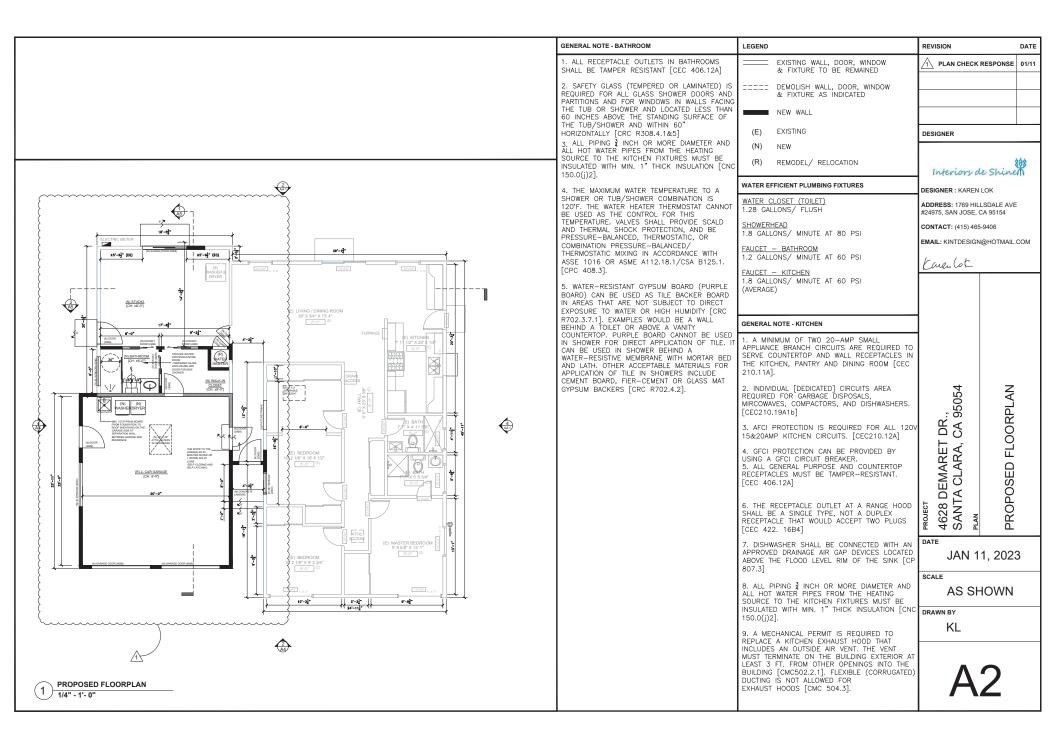
RESIDENCE ADDITION

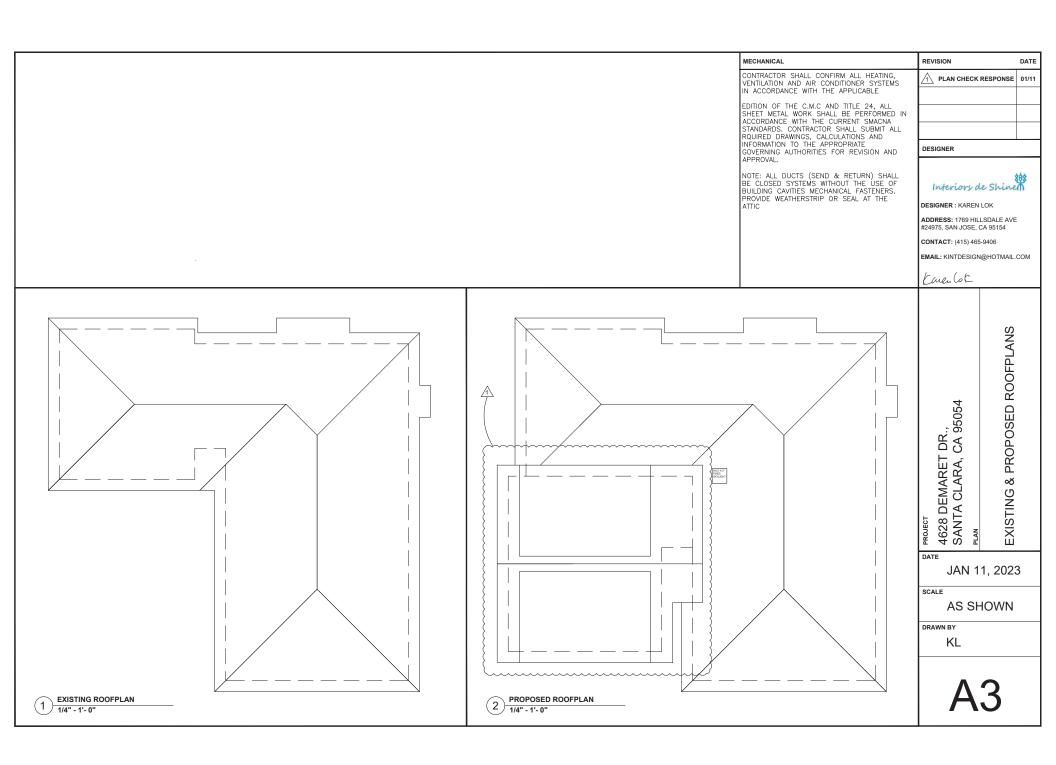
4628 DEMARET DR., SANTA CLARA, CA 95054

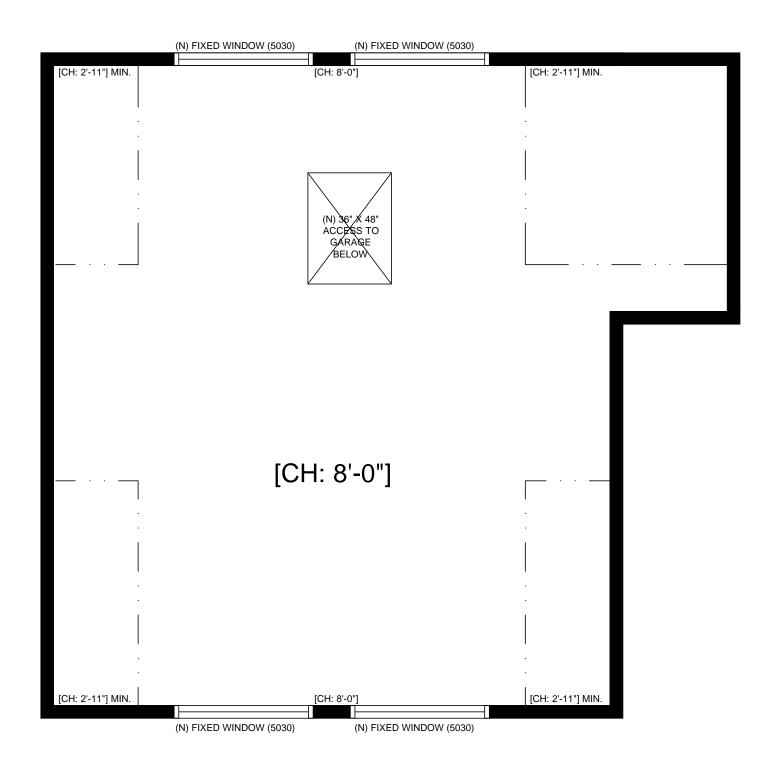


GENERAL NOTES PROJECT DATA REVISION DATE I. THESE PLANS AND DESCRIPTIONS OF OWNER NAME: ANNA HUANG PLAN CHECK RESPONSE 01/11 MATERIALS SHALL GOVERN THE EXTENT OF THE CONTACT NUMBER: (408) 207-5786 WORK TO BE DONE. ANY DISCREPANCY BETWEEN RESIDENCE AT THESE DOCUMENTS AND FEILD CONDITIONS MUST 4628 DEMARET DR., SANTA CLARA, CA 95054 BE CALLED TO THE ATTENTION OF DESIGNERS AND STRUCTURAL ENGINEER. ANY DISCREPANCY NOT REPORT TO DESIGNER AND ENGINEERS WILL ONE-STORY, SINGLE FAMILY RESIDENCE CONSTRUCTION TYPE : V-B
OCCUPANCY CLASS : R-3, U ABSOLVE THEM OF ANY RESPONSIBILITY. APN: 097-17-095 2. GENERAL CONTRACTOR TO VERIFY BEARING BUILT YEAR: 1960 AND NON-BEARING STATUS OF EXISTING CONSTRUCTION TO BE DEMOLISHED BEFORE DESIGNER PROCESSING WITH WORK. SQUARE FOOTAGE 3. GENERAL CONTRACTOR TO VERIFY AND PROVIDE TEMPORARY SHORING AS REQUIRES DURING DEMOLITION OF ANY PART OF THE WALL, DESCRIPTION FYISTING ADDITION RCEL MAR 6,200 S.E. 1,167 S.F. +418 S.F. 1,635 S.F. FLOOR AND CEILING. FLOOR AREA DESIGNER: KAREN I OK 379 S.F. +121 S.F. 4. GENERAL CONTRACTOR REQUIRES TO INSPECT ADDRESS: 1769 HILLSDALE AVE AND EVALUATE ON EXISTING CONDITION AND PROVIDE SHORING ON EXISTING STRUCTURE #24975, SAN JOSE, CA 95154 PRIOR DEMOLITION TO BEGIN. CONTACT: (415) 465-9406 APPLICABLE CODE EMAIL: KINTDESIGN@HOTMAIL.COM 5. PROVIDE 2X BLOCKING WHERE WALL HUNG FIXTURE OCCURS. _2019 CALIFORNIA BUILDING CODE 2019 CALIFORNIA RESIDENTIAL CODE Carentok 6. GENERAL CONTRACTOR AND ALL _2019 CALIFORNIA ELECTRICAL CODE SUBCONTRACTORS MUST FIELD VERIFY EXISTING 2019 CALIFORNIA MECHANICAL CODE CONDITIONS AND DIMENSIONS PRIOR TO THE _2019 CALIFORNIA PLUMBING CODE SUBMITTAL OF BID PROPOSALS AND 2016 CALIFORNIA ENERGY CODE CONSTRUCTION. 2019 CALIFORNIA GREEN BUILDING STANDARD CODE 7. GENERAL CONTRACTOR IS FULLY RESPONSIBLE _2019 CALIFORNIA EXISTING BUILDING CODE FOR THE SATISFACTION COMPLETION OF ALL WORK IN ACCORDANCE WITH THE PROJECT PLAN AND SPECIFICATIONS. SHEET INDEX COVER SHEET & EXISTING SITE PLAN PROPOSED SITE PLAN & EXISTING/ DEMO. FLOORPLAN PROPOSED FLOORPLAN SCOPE OF WORK & PLAN EXISTING & PROPOSED ROOFPLANS EXISTING & PROPOSED S S _CONVERT (E) GARAGE TO BE STUDIO, BEDROOM EXTERIOR ELEVATIONS & WALK-IN CLOSET W/. RAISED FLOOR __(N) ADDITION FOR THE MAIN ENTRANCE AND GARAGE (FRONT & LEFT) DEMARET I TA CLARA, (A4.1 EXISTING & PROPOSED EXTERIOR COVER SHEET EXISTING SITE ELEVATIONS (REAR & RIGHT) _NEW SKYLIGHT AND REMOVE (E) WINDOW IN _REMOVE WALL BETWEEN TWO BEDROOMS _(N) SINK, WASHER & DRYER IN GARAGE _(E) WATER HEATER RELOCATION 4628 DE SANTA (JAN 11, 2023 VICINITY MAP SCALE PROJECT AREA AS SHOWN 97 17 DRAWN BY KL









ATTIC AREA FLOORPLAN





Attachment 2: Project Data

4628 Demaret Drive

Lot Size : 6200 sq. ft.			
	Existing Floor Area (sq. ft.)	Proposed New Construction (sq. ft.)	Proposed Floor Area (sq. ft.)
First Floor	1167	418	1635
Second Floor	n/a	n/a	n/a
Garage	379	121	500
ADU	n/a	n/a	n/a
Gross Floor Area	1546	539	2085
Lot Coverage	1546/6200=24%	+539 sqft	2085/6200=33%
Bedrooms/Baths	3-bedroom, 3 bathrooms	Add 1 bedroom, 1 bathroom	4-bedroom, 4- bathrooms
Flood Zone	Х		



City of Santa Clara

Development Review Hearing

4628 Demaret Drive

PLN23-00077



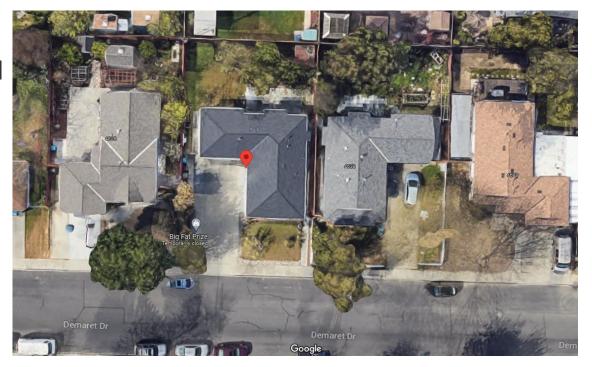
4628 Demaret Drive Request

 Architectural Review of the conversion of a garage to a studio bedroom and the construction of a new two-story tall garage with attic space at an existing single-family residence.



Project Site

- 6,200 square-foot lot
- APN: 097-17-095
- General Plan Designation:
 Very Low Density Residential
- Zoning: R1-6L

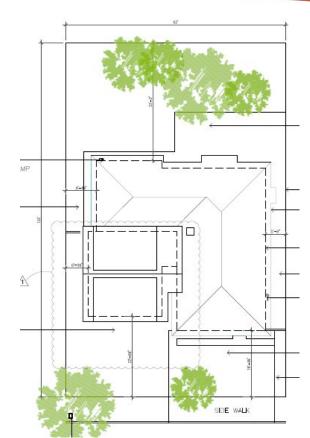




Project Data and Site Plan

4628 Demaret Drive

Lot Size: 6200 sq. ft.			
	Existing Floor Area (sq. ft.)	Proposed New Construction (sq. ft.)	Proposed Floor Area (sq. ft.)
First Floor	1167	418	1635
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Lot Coverage	1546/6200=24%	+539 sqft	2085/6200=33%
Bedrooms/Baths	3-bedroom, 3 bathrooms	Add 1 bedroom, 1 bathroom	4-bedroom, 4- bathrooms
Flood Zone	Х		

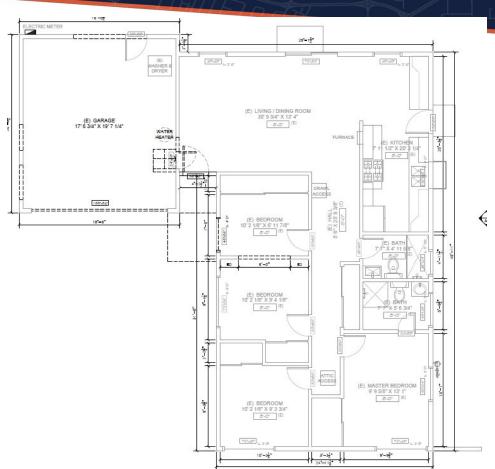




Existing Floor Plan

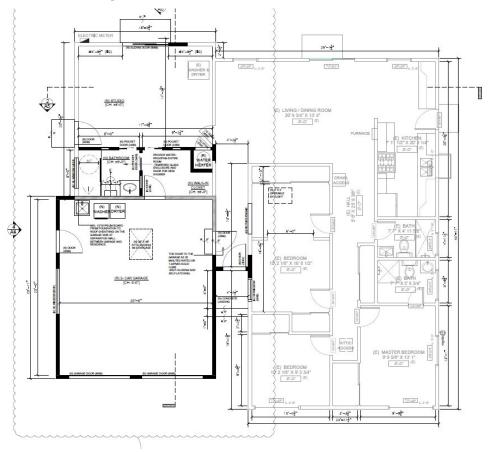
Current Site Plan includes:

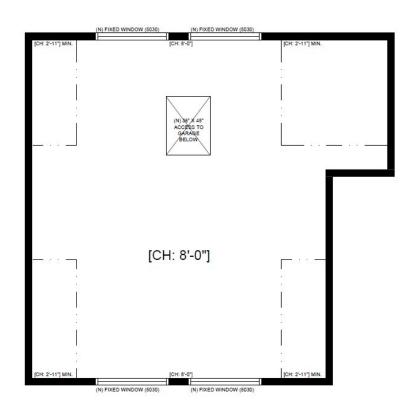
- Garage
- Four bedrooms
- Small shed in rear





Proposed Floor Plan



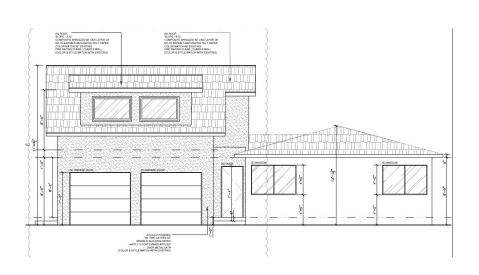


ATTIC AREA FLOORPLAN



Proposed Elevations

osca Elevations



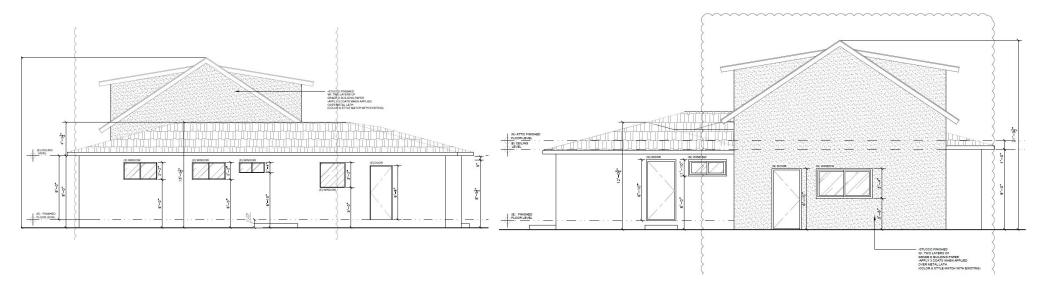
Front





Proposed Elevations

Right





2467 Park Avenue

Recommendation

 Redesign the second story of the proposed addition consistent with the Single-Family Design Guidelines.



City of Santa Clara

Development Review Hearing

4628 Demaret Drive

PLN23-00077