

# TOWN OF LOS GATOS HISTORIC PRESERVATION COMMITTEE REPORT

MEETING DATE: 09/11/2024

ITEM NO: 4

DATE: August 23, 2024

TO: Historic Preservation Committee

FROM: Joel Paulson, Community Development Director

SUBJECT: Preliminary Reivew for Construction of an Addition and Exterior Alterations to

an Existing Pre-1941 Single-Family Residence on Property Zoned R-1:8.

Located at 14344 La Rinconada Drive. APN 409-19-019. Exempt Pursuant to

CEQA Guidelines, Section 15301: Existing Facilities. Request for Review Application PHST-24-013. Property Owner/Applicant: William Maynard.

Project Planner: Erin Walters

#### **RECOMMENDATION:**

Requesting preliminary review for construction of an addition and exterior alterations to an existing pre-1941 single-family residence located at 14344 La Rinconada Drive.

#### **PROPERTY DETAILS:**

- 1. Date primary structure was built: 1938 per County Assessor's Database
- 2. Town of Los Gatos Historic Status Code: N/A
- 3. Does property have an LHP Overlay? No
- 4. Is structure in a historic district? No
- 5. If yes, is it a contributor? N/A
- 6. Findings required? N/A
- 7. Considerations required? Yes

#### **BACKGROUND:**

The Santa Clara County's Accessors Database lists a construction date of 1938 for the residence. The property was annexed into the Town in the 1970s. The property is not part of the 1991 Anne Bloomfield Historic Survey.

Town records show no planning or building permits for the subject property. The applicant provided a summary of the property research (Attachment 1), as well as photographs of the property (Attachment 2).

PREPARED BY: Erin Walters

Associate Planner

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SUBJECT: 14344 La Rinconada Drive/PHST-24-013

DATE: August 23, 2024

#### DISCUSSION:

The subject property at 14344 La Rinconada Drive is located on the east side of La Rinconada Drive, perpendicular to Wedgewood Avenue. The applicant is requesting a preliminary review by the Committee to provide feedback on a proposed one-story addition and two-story four-car garage addition attached to the subject one-story house.

The project proposes a 120-square foot one-story addition located towards the rear of the existing one-story house at the southern elevation. The one-story addition would connect the existing house to a proposed 992-square foot, four-car garage.

The existing one-story house is 16 feet in height with a hip roof with two Dutch gables. The four-car garage proposes a single Dutch gabled roof with a building height of 30 feet. The height of the attic space proposed above the four-car garage constitutes a two-story building per Town Code.

The proposed materials consist of horizontal eight-inch reveal wood siding, wood trim, double hung vinyl windows, wood doors, and composition roofing to match the existing materials.

The proposed project will fall below the Town's demolition thresholds for historic residences. The applicant has provided a Project Description (Attachment 3) and Development Plans (Attachment 4).

Town's Residential Design Guidelines

The Committee should consider the Sections 3.9 of the Town's Residential Design Guidelines which provides recommendations for construction of additions to existing residences (Attachment 5). Including but not limited to the following recommendations:

- The existing built forms, components and materials should be reinforced. Heights and proportions of additions and alterations should be consistent with and continue the original architectural style and design.
- Additions should be subordinate, and compatible in scale and proportion to the historically significant portions of the existing structure.
- When an addition or remodel requires the use of newly constructed exterior elements, they
  should be identical in size, dimension, shape, and location as the original, and should utilize
  the same materials as the existing protected exterior elements.

#### **CONCLUSION:**

The applicant is requesting preliminary review for construction of an addition and exterior alterations to an existing pre-1941 single-family residence. Located at 14344 La Rinconada

PAGE **3** OF **3** 

SUBJECT: 14344 La Rinconada Drive/PHST-24-013

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#### CONCLUSION (continued):

Drive. A new second-story addition, if not triggering a technical demolition, is processed under a Minor Residential Development application. This application would return to the Committee for a recommendation to be forwarded to the Community Development Director and the application would continue through the Minor Residential Development process.

#### **CONSIDERATIONS:**

#### A. Considerations

#### Sec. 29.80.290. Standards for review.

In evaluating applications, the deciding body shall consider the architectural style, design, arrangement, texture, materials and color, and any other pertinent factors. Applications shall not be granted unless:

\_\_\_\_ For pre-1941 structures, the proposed work will neither adversely affect the exterior architectural characteristics or other features of the property which is the subject of the application.

#### B. Residential Design Guidelines

Sections 3.9 of the Town's Residential Design Guidelines offers recommendations for construction of additions to existing residences (Attachment 5).

#### **ATTACHMENTS**:

- 1. Applicant's Research
- 2. Photographs
- 3. Project Description
- 4. Development Plans
- 5. Section 3.9, Residential Design Guidelines

This Page Intentionally Left Blank Below are the historical and architectural characteristics of 14344 La Rinconada Drive, Los Gatos, CA 95032 for your review.

#### At A Glance

- The construction date of 1938 is incorrect; the correct date is at least 1940. The first proof I have of a structure is a 1948 aerial photograph from the California Room in the MLK library..
- 14344 was originally a part of a different lot, likely 14330, that was split on May 15, 1939.
- Lewis & Myrtle Bird owned 14344 La Rinconada since at least 1970; other records were too difficult to locate.
- 14344's original APN was 408-03-018, not the current value of 409-14-019. I am
  unsure why this is the case; the former value yields no results in any system I could
  find.
- The only permitted work on 14344 listed on the Property Record was the addition of the pool in 1998.
- Los Gatos did not have jurisdiction over 14344 La Rinconada Dr. until the '70s (around 1973?). Consequently, the Los Gatos library had no information on the property whatsoever, and the San Jose library had very few resources available that were of any use just a single tax record and an aerial photograph in 1948.
- The original construction style was Craftsman.
- On Google Earth you can see that in May of 2011 the brick, siding, and front door were changed as well as new windows. In 2013 you can see the new siding on the front of the house. See pictures below.

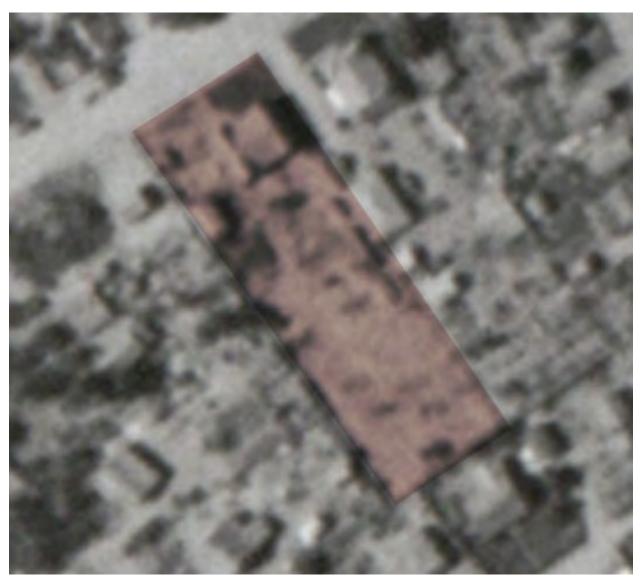
Data Points	Sources	Date Acquired
Aerial Photographs	UCSB aerial photography collection	2024.05.18
	San Jose MLK California Room (1948 only)	
Side by Side Aerial Photographs	Cropped and resized by Will Maynard	2024.05.18
Property Record	Santa Clara County Assessor's Office	2024.06.13
1989 Quitclaim Deed	Santa Clara County Recorder's Office	2024.06.13

# An aerial photograph from July 31, 1939 shows that there is no structure on the property.

Contrary to government records, the house was not built in 1938.

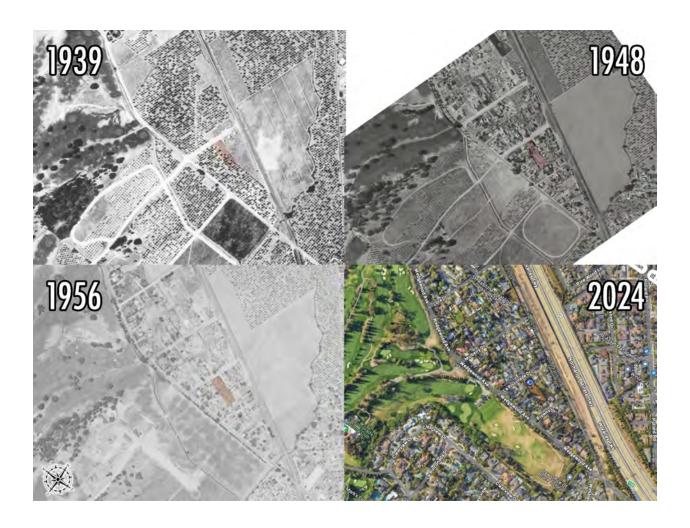


An aerial photograph from September 26, 1948 shows the main structure on the property.



**Side By Side Aerial Photographs** 

14344's approximate property lines are highlighted in beige.



# The <u>Property Record</u> shows that the house was built in 1938. However, we know this is not the case from the previous photos.

I was directed to the Clerk Recorder's office so that I could build out an ownership history for the house. I tried to do this but hit roadblocks. The previous owners were Douglas Maynard (my father), Myrtle Bird, and Lewis Bird & Myrtle Bird (held in trust).

The earliest record that appeared to be relevant I could find for the property with Lewis Bird was a <u>Quitclaim Deed</u> dated November 9, 1989. This includes a summary of a lot split on May 15, 1939. The measurements detailed in the summary seem to match our property:

Portion of Lot 2 of Rinconada Acres Tract No. 106 Map of La Rinconada acres: filed May 15, 1939 Vol. 3 of Maps, page 58, Santa Clara County Records, described as follows:

Beginning at a point in the Easterly line of La Rinconada Drive, said point being the common corner of Lot No. 2, and Lot No. 1 of the above described Tract, thence S.69°12′F. along the dividing line between Lot No.2 and 1, 266.68 feet to the Southeast corner of Lot No.2; thence along the Easterly line of Lot No.2, North 20°48′E., 81.47 feet to a point in the Easterly line of Lot No.2; thence N.69°12′W. 266.68 feet to the Easterly line of La Rinconada Drive, thence along said Easterly line S.20°48′W. 81.47 feet to the point of beginning.

14344 La Rinconada is attributed as built in 1938, but with the lot split, it didn't exist as a separate parcel on its own at this time. While I'm not positive, I believe 14344 was originally part of 14330 – this would have made the original lot an even acre of land and would explain the oddly deep lots of both properties.

Looking at the two aerial photos, we can see that the property at 14330 saw dramatic construction changes between 1939 and 1948. In 1939, there was nothing on the lot other than trees. By 1948, the currently-standing 1320 SF house was erected – according to Zillow, this was built in 1941.

14344 could not have been built before 1940.

#### Lewis & Myrtle Bird owned the property since at least 1970.

I attempted to track down past owners in hopes of finding more information about when the structure might have been completed, but was unable to trace anything beyond 1970. Records from 1970 onward are organized by grantee / grantor last names in alphabetical order. I used this information to find all records of Lewis & Myrtle Bird but didn't see the acquisition of 14344 La Rinconada in these records - just the sale of it to my father in 1995.

Records prior to 1970, however, are organized chronologically instead of by grantee names. Since I don't know the dates of transfer, it seemed that the only way I'd track down the previous records was going to be to parse thousands of pages of microfilm looking for the Bird family.

#### The APN changed at some point.

The <u>Property Record</u> has an original APN of 408-03-018. This has a strikeout on the bottom right corner of the document and was replaced with the current APN of 409-14-019.

The original APN yielded no results in any system I accessed. Perhaps this was the APN of the original property before the lot split. It's more of a curiosity than anything else and doesn't appear to be useful on its own at this time.

Google street View May 2011



Google Street View 2013



Documents for your review. All will be uploaded and numbered.

File #	Filename	Description	Source Date	Date Found
01	c-5750_285-91.tif	Aerial Photograph of the neighborhood in 1939 Flight CIV-285-91 UCSB Aerial Photography	1939.07.31	2023.05.18
02	SCAN1085.JPG	Scan of an aerial photograph of the neighborhood in 1948 Flight 2-173 San Jose MLK Public Library, California Room	1948.09.26	2023.05.18
03	civ-1956_6r-48.tif	Aerial Photograph of the neighborhood in 1956 Flight CIV-6R-48 UCSB Aerial Photography	1956.06.09	2023.05.18
04	14344 Rinconada 1939-2024.png	Side-by-side comparison of aerial photographs 1, 2, & 3 Google Maps Satellite image added for reference Images rotated, resized, and cropped with highlight of property Compiled by Will Maynard	Various	2024.05.18
05	Polk's 1967 Hilton & Helen.jpg	Photo of the 1967 Polk's Los Gatos City Directory Shows Hilton & Helen Bird living at 14344 La Rinconada Dr. San Jose MLK Public Library, California Room	1967	2024.05.18
06	News_ArticleEvening_News_publi shed_as_SAN_JOSE_NEWSSep tember_14_1961p34.pdf	Birth Announcement for Mary Alice Bird, Daughter of Hilton & Helen Bird Hilton lived at 14300 La Rinconada Dr. before 14344 San Jose Evening News	1961.09.14	2024.05.18
07	1978 Tax Roll.jpeg	1978 Tax Record showing Lewis & Myrtle Bird in 14344 Rinconada	1978	2024.05.18
08	Screenshot 2024-05-19 at 17.28.26.png	Excerpt from a 1957 Mercury News article listing 14344 for rent	1957.04.14	2024.05.19
09	Los_Gatos_Times_Saratoga_Observ er_MonJun_81959pdf	Newspaper clipping showing a James Billingsley as the resident of 14344 La Rinconada; whether tenant or owner is unknown	1959.06.08	2024.05.19
100	News_ArticleSan_Jose_Mercury_ News_published_as_San_Jose_Mer cury- NewsApril_14_1957p34.pdf	Source for #08	1957.04.14	2024.05.18

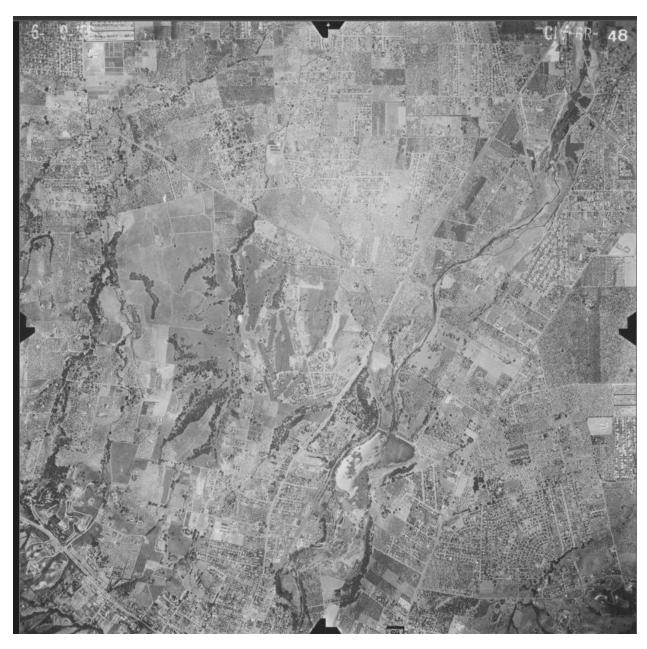
- Per aerial photography, the main structure at 14344 La Rinconada Dr. did **not** exist in 1939, contrary to the information available on sites like Zillow listing construction as 1938.
- The structure did exist by 1948.
- The home was purchased from Myrtle Bird in 1995 by Douglas Maynard, my father.
- Lewis & Myrtle Bird owned the home since at least 1978, though they were in Campbell in 1961 [citation misplaced; news article mentioned them in Campbell]
- They had family in the area; Jack Bird & Hilton Bird. Hilton lived at the end of the street, at 14300 La Rinconada Dr. before moving into 14344.
- 14344 was a rental property for some time; at least in 1957. Occupied by James Billingsley in 1959.
- Because this area was annexed by Los Gatos in the 70s, Los Gatos Public Library had no documents relevant to the history of the home (Sanborn maps, etc.); visited the LG library on 7/12 and found nothing.



01. Aerial Photo of Neighborhood



02. Scan of Aerial Photo in 1948



03. Aerial Photo of Neighborhood 1956



04. Aerial Photos

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05. Telephone Directory

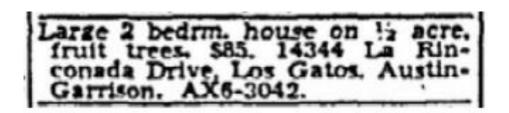


06. News Article Evening News Published as San Jose News – September 14, 1961

CANAVERO JOSEPH H LOTTIE B 3520 UNION AV, SAN JOSE CA 95124	409-25-023 3006	119	LA	RINCONADA LOS	DR GATOS	6050L 8950	1750	2270719 62	R112 01
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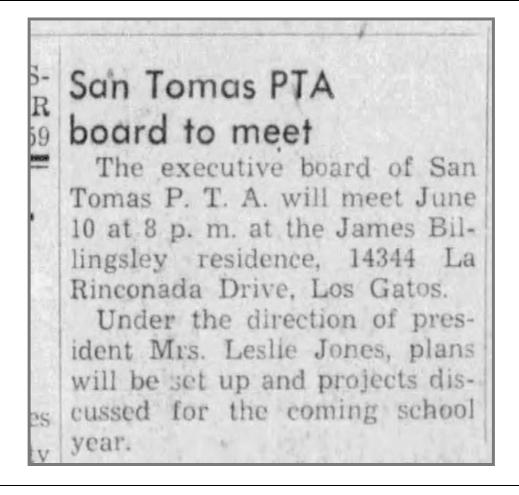
MP 1978-79 STREET	(SITUS) INDE	EX	COUNTY OF SANTA CLARA			PAGE	137
OWNERS NAME MAILING ADDRESS	PARCEL NO.	STREET NO.	CITY	IMPRVMT	EXEMPTION	RECORDERS NO DATE 5867989	ZONE USE R18
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#### 07. Owners Names

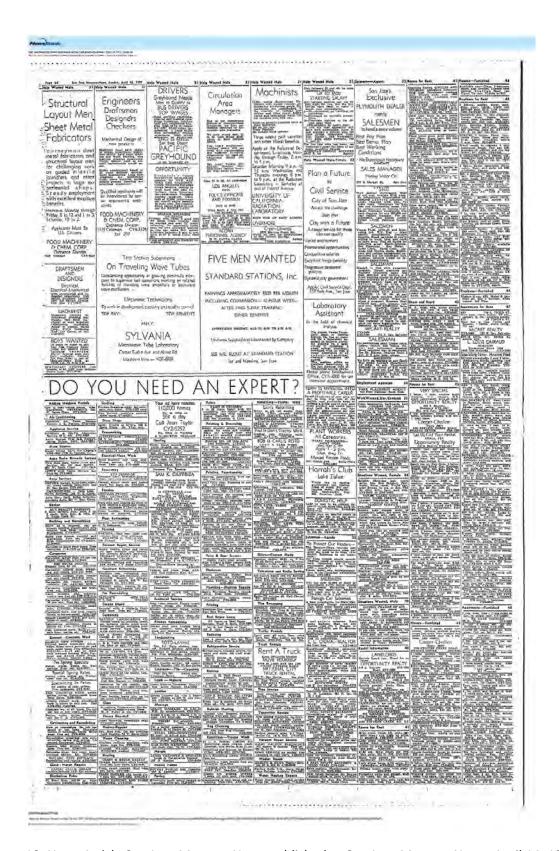


08. Screenshot 2024-05-19 at 17.28

https://www.newspapers.com/image/696801232



Newspapers™



10. News Article San Jose Mercury News published as San Jose Mercury News- April 14, 1957





PHOTOS OF 14344 La Rinconada Drive

FRONT OF HOUSE



REAR OF HOUSE



RIGHT SIDE OF HOUSE



LEFT SIDE OF HOUSE

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#### -14344 La Rinconada- Project Description -

#### **Justification Letter**

We are proposing to build a 992 s.f. oversized garage to the existing home with a 120 s.f. laundry room that bridges the garage. (There will be a future project to add more house behind the existing garage and house). All the materials for the new addition will match the existing materials:

Composition roof shingles to match

8" reveal wood siding to match

2.5" wood door and window trim to match

Vinyl windows to match

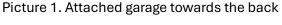
Wood exterior door to match

Garage door will be a carriage style door to match the existing home style.

We have taken the neighborhood pattern into consideration when planning this addition. As you will see below, this street has various placements .

You will also notice that there is not a consistent style of home in this neighborhood or a consistent site of home.

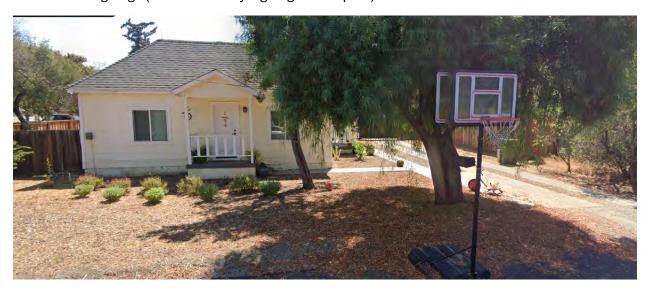
We propose to match the new garage to the style of the existing home and believe that it will compliment the style very well and it into the neighborhood nicely.





14350 La Rinconada Drive

Picture 2 – no garage (there was likely a garage in the past)



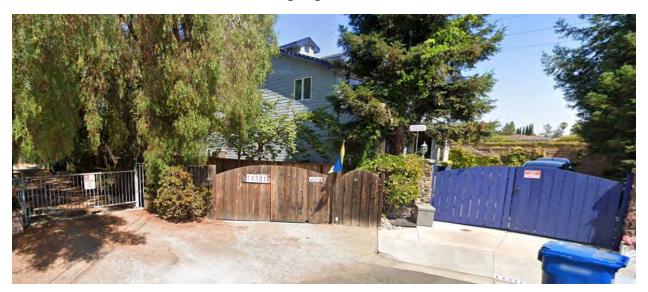
14330 La Rinconada Drive

Picture 3 – very large 3 car detached garage that is at the end of the culdesac and the focal point of the end of the street



14294 La Rinconada Drive

Picture 4 – can not see the exact location of garage



14301 La Rinconada Drive

Picture 5 - I don't believe this house has a garage.



14335 La Rinconada Drive

Picture 6- detached garage in rear



14345 La Rinconada drive

Picture 7 – large garage as the entire frontage of the house.



14355 La Rinconada Drive

Picture 8 - I don't believe they have a garage



14365 La Rinconada Drive

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A REMODEL FOR



#### NOTE TO CONTRACTOR

THE CONTRACTOR AND/OR SUPPLIER OF MATERIALS SHALL NOT SCALE ANY DIMENSIONS FOR CONSTRUCTION PURPOSES. IN THE EVENT A DIMENSION IS REQUIRED THAT DOES NOT OCCUR

#### GENERAL NOTES

- 1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES AND OTHER
- 2. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL DIMENSIONS, GRADES, AND OTHER CONDITIONS, AND SHALL CORRELATE AT THE JOB SITE ALL SUCH ITEMS. GENERAL CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK AND THE COORDINATION OF ALL TRADES AND GOVERNING AGENCIES, AND SHALL PROVIDE ALL MATERIALS AND LABOR (SHOWN OR INFERRED) ON THESE PLANS TO RENDER THE WORK
- 4. IT SHALL BE THE GENERAL CONTRACTORS RESPONSIBILITY FOR THE SUPERVISION OF THE WORK.
- 5. THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE SUPERVISION OF THE WORK OR THE PROPER EXECUTION OF THE SAME. 6. WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. ANY AND ALL DISCREPANCIES SHALL BE REPORTED TO
- THE ARCHITECT IMMEDIATELY, PRIOR TO COMMENCEMENT OF WORK.
- THESE DRAWINGS SHALL BE CONSIDERED SUBSTANTIALLY COMPLETE. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE ALL LABOR AND MATERIALS NECESSARY TO RENDER THE WORK COMPLETE, AS IS THE INTENT OF THESE DRAWINGS, EITHER SHOWN OR INFERRED HEREIN, THROUGH PROPER AND ESTABLISHED CONSTRUCTION PRACTICES.
- 8. EXISTING CONSTRUCTION DETAILS SHOWN HEREIN ARE ASSUMED TO BE SUBSTANTIALLY CORRECT AND MAY NOT DEPICT THE

9. ANY PROPOSED SHUT DOWN OF UTILITIES SHALL BE REGISTERED IN WRITING AT LEAST SEVEN (7) WORKING DAYS IN ADVANCE.

- REQUESTS SHALL BE DIRECTED TO THE ARCHITECT.
- 10. ANY PROPOSED WORK THAT TAKES PLACE AFTER NORMAL BUSINESS HOURS SHALL BE MADE IN WRITING AT LEAST SEVEN (7) WORKING DAYS IN ADVANCE. REQUESTS SHALL BE DIRECTED TO THE ARCHITECT.
- 11. PROVIDE ALL REQUIRED FIRE BLOCKING IN ACCORDANCE WITH SECTION 718 OF THE CURRENT ADOPTED EDITION OF C.B.C.
- 12. EXITING NOTE: THIS BUILDING OR SPACE SHALL PROVIDE A READILY DISTINGUISHABLE MEANS OF EGRESS COMPLYING WITH CHAPTER 10 AND CHAPTER 11 (WHERE APPLICABLE FOR ACCESSIBILITY PURPOSE) OF THE CURRENT EDITION OF THE CALIFORNIA BUILDING CODE. THE EXIT SYSTEM SHALL MAINTAIN A CONTINUOUS, UNOBSTRUCTED AND UNDIMINISHED PATH OF EXIT TRAVEL FROM ANY OCCUPIED POINT WITHIN THE BUILDING TO A PUBLIC WAY.
- 13. JOB COPIES OF THE APPROVED BUILDING PLANS, REVISIONS, AND DEFERRED SUBMITTALS SHALL BE ON-SITE DURING INSPECTIONS.

CONSTRUCTION SITE SHALL BE ENCLOSED BY 6' OPAQUE FENCE AT ALL TIMES DURING CONSTRUCTION.

NO CONSTRUCTION MATERIAL, EQUIPMENT, PORTABLE TOILETS, TRASH CONTAINERS, OR DEBRIS SHALL BE PLACED IN THE PUBLIC

A TRASH CONTAINER SHALL BE MAINTAINED ON SITE AT ALL TIMES AND DEBRIS ON SITE WHICH COULD OTHERWISE BLOW AWAY, SHALL BE REGULARLY COLLECTED AND PLACED IN CONTAINER.

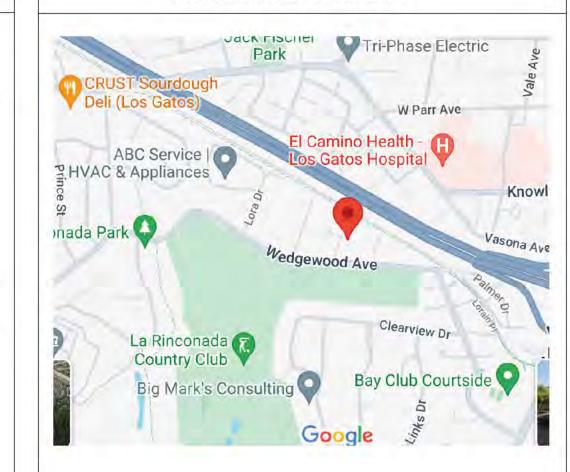
ALL CONSTRUCTION DEBRIS (WOOD SCRAPS AND OTHER DEBRIS, WHICH CANNOT BLOW AWAY) SHALL BE PILED WITHIN THE PROPERTY

THE PROJECT SHALL HAVE A SIGNAGE VIEWABLE FROM THE PUBLIC STREET THAT INDICATES THE HOURS OF CONSTRUCTION AS: MON-FRI FROM 7:30 AM TO 6 PM, SATURDAYS FROM 9AM TO 5 PM.

#### SPECIAL NOTES

BEFORE YOU START CONSTRUCTION REVIEW ALL SHEETS CAREFULLY. READ THE GREEN CHECKLIST SHEETS AND THE TITLE 24 SHEETS FOR REQUIREMENTS AS RULES HAVE CHANGED AND THERE MAY BE THINGS YOU ARE NOT EXPECTING

#### VICINITY MAP



# PARCEL MAP

#### SCOPE OF WORK

ADD 120 S.F. OF LIVING SPACE TO BECOME LAUNDRY ADD 992 S.F. GARAGE

#### APPLICABLE CODE

ALL CONSTRUCTION SHALL COMPLY WITH:

2022 CALIF. FIRE CODE

2022 CALIF. BLDG CODE 2022 CALIF. RESIDENTIAL CODE 2022 CALIF. MECH. CODE 2022 CALIF. PLUMB'G CODE

2022 CALIF, ELEC. CODE 2022 CALIF. ENERGY CODES 2022 CALIF. GREEN BUILDING CODES

ANY OTHER APPLICABLE LOCAL & STATE LAWS & REGULATIONS.

#### PERSONAE

**OWNER** 

14344 LA RINCONADA DRIVE LOS GATOS CA 9503

TONY TRUONG 500 E. CALAVERAS BLVD. SUITE 218 MILPITAS, CA 95035 TRUONGDESIGNS@GMAIL.COM

DESIGNER MICHELLE MINER DESIGN MICHELLE MINER 18488 PROSPECT RD. #6 SARATOGA, CA 95070 SHELMINER@AOL.COM 408-396-0984

TITLE 24 FRI ENERGY CONSULTANTS 21 N,. HARRISON AVE, SUITE 210 CAMPBELL, CA 95008 NICK@FRICONSULTING.COM 408-866-1620

	-1,000 0.11
ZONING:	R1-8
TYPE OF CONSTRUCTION:	V-B
OCCUPANCY RATING:	R-3, U
EXISTING USE:	SINGLE FAMILY RES.
SLOPE OF LOT	FLAT LOT
FLOOD ZONE	х
HISTORIC	NO
FIRE SPRINKLERS	NO
WUI	NO
STORIES	ONE
EXISTING	
EXISTING LIVING:	1430 S.F.
EXISTING SHED:	120 S.F.
TOTAL EXISTING	1550 S.F.
PROPOSED	
NEW LIVING	120 S.F.
NEW GARAGE	992 S.F.
ATTIC OVER GARAGE THAT COUNTS	450 S.F.
TOTAL SQUARE FOOTAGE	3112 S.F.
TOTAL COVERAGE	2662 S.F.
MAX FAR FOR HOUSE	4772 S.F.
MAINT ON HOUSE	1//- 511.
MAX FAR FOR GARAGE	1150 S.F.

ANALYSIS

ASSESSOR'S PARCEL #

LOT AREA:

STRUCTURAL NOTES	S1
FOUNDATION/FLOOR FRAMING	S2
ROOF FRAMING PLAN	S <sub>3</sub>
CEILING FRAMING PLAN	S4
STRUCTURAL DETAILS	SD1
STRUCTURAL DETAILS	SD2
STRUCTURAL DETAILS	SD3

**INDEX** 

INDEX - VICINITY MAP - ANALYSIS - SCOPE OF WORK - NOTES - MAPS

SITE PLAN

GREEN CHECKLIST

NEW FLOOR PLAN

ELECTRICAL PLAN

NOTES

TITLE 24 MF-1R

GREEN CHECKLIST 2

EXISTING FLOOR PLAN

EXTERIOR ELEVATIONS SECTIONS & ROOF PLAN

ELECTRICAL MECHANICAL NOTES

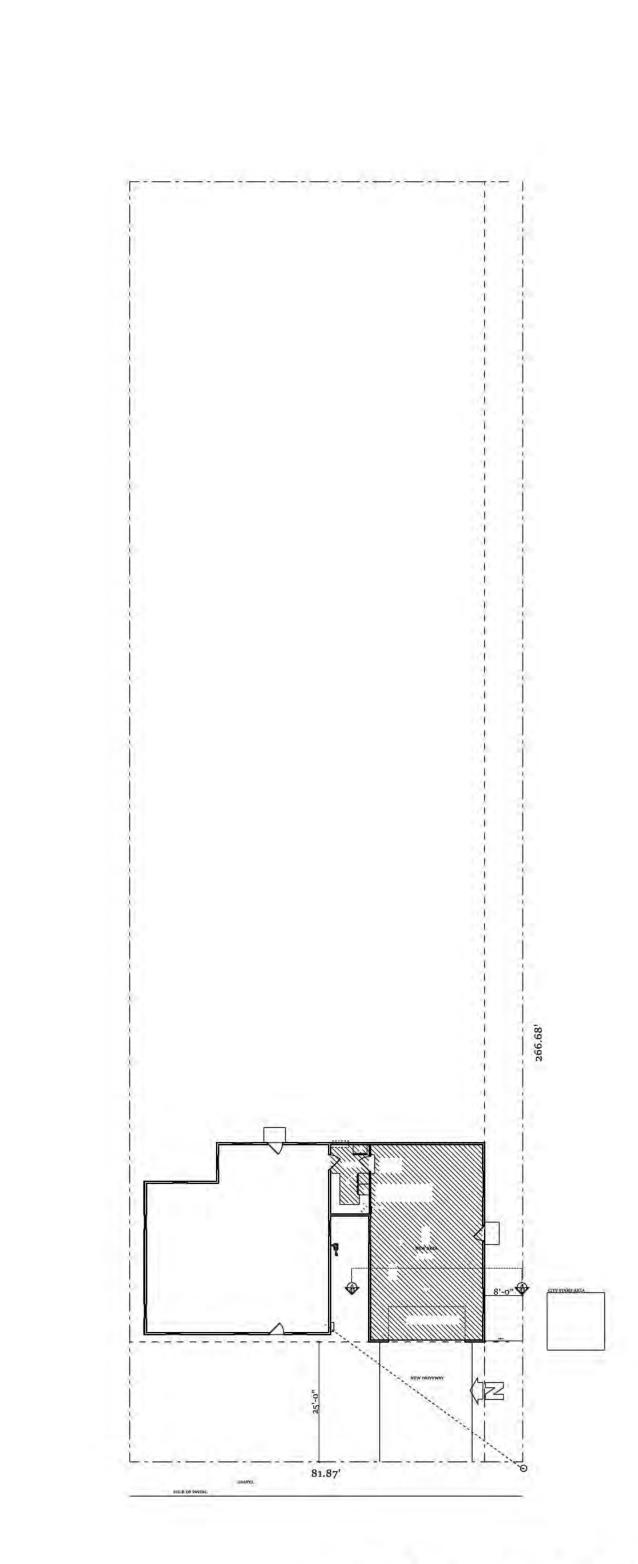
DEFERRED SUBMITTALS

BLUEPRINT FOR CLEAN BAY

409-14-019

21,690 S.F.

SEPARATE PERMIT	



SITE PLAN
SCALE: 1" = 20'-0"

REV \* DATE

DESIGNERS SIGNATURE

THE PLANS, IDEAS AND DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF THE DESIGNER. DEVISED SOLEY FOR THIS PROJECT. PLANS SHALL NOT BE USED, WHOLE OR IN PART, FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION MICHELLE MINER DESIGN

michelle miner

d e s i g n —

8488 Prospect Rd. #6 Saratoga, CA 95070
408.396.0984 Shelminer@aol.com

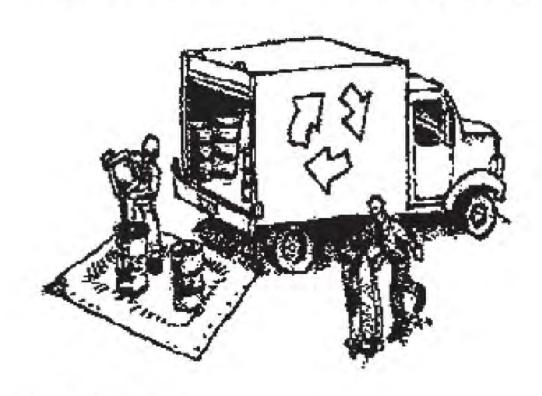


DATE 8/14/2024 SCALE AS SHOWN

# Construction Best Management Practices (BMPs)

Construction projects are required to implement year-round stormwater BMPs.

#### Materials & Waste Management



#### **Non-Hazardous Materials**

- ☐ Berm and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or when they are not in use.
- ☐ Use (but don't overuse) reclaimed water for dust control.
- ☐ Ensure dust control water doesn't leave site or discharge to storm drains.

#### **Hazardous Materials**

- ☐ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with City, County, State and Federal regulations.
- ☐ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- ☐ Follow manufacturer's application instructions for hazardous materials and do not use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ☐ Arrange for appropriate disposal of all hazardous wastes.

#### Waste Management

- ☐ Cover and maintain dumpsters. Check frequently for leaks. Place dumpsters under roofs or cover with tarps or plastic sheeting secured around the outside of the dumpster. A plastic liner is recommended to prevent leaks. Never clean out a dumpster by hosing it down on the construction site.
- ☐ Place portable toilets away from storm drains. Make sure they are in good working order. Check frequently for leaks.
- ☐ Dispose of all wastes and demolition debris properly. Recycle materials and wastes that can be recycled, including solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and cleared vegetation.
- ☐ Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.
- ☐ Keep site free of litter (e.g. lunch items, cigarette butts).
- ☐ Prevent litter from uncovered loads by covering loads that are being transported to and from site.

#### **Construction Entrances and Perimeter**

- ☐ Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- ☐ Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.

# Equipment Management & Spill Control



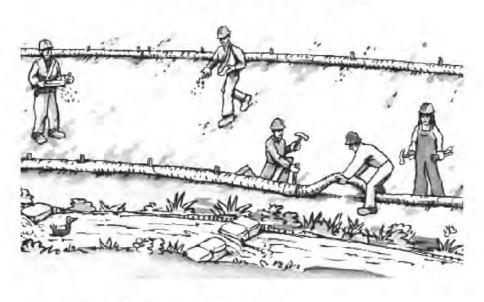
#### Maintenance and Parking

- Designate an area of the construction site, well away from streams or storm drain inlets and fitted with appropriate BMPs, for auto and equipment parking, and storage.
- ☐ Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- ☐ If refueling or vehicle maintenance must be done onsite, work in a bermed area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.
- ☐ If vehicle or equipment cleaning must be done onsite, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.
- □ Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment, and do not use diesel oil to lubricate equipment or parts onsite.

#### **Spill Prevention and Control**

- ☐ Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction site at all times.
- ☐ Maintain all vehicles and heavy equipment. Inspect frequently for and repair leaks. Use drip pans to catch leaks until repairs are made.
- ☐ Clean up leaks, drips and other spills immediately and dispose of cleanup materials properly.
- ☐ Use dry cleanup methods whenever possible (absorbent materials, cat litter and/or rags).
- ☐ Sweep up spilled dry materials immediately. Never attempt to "wash them away" with water, or bury them.
- ☐ Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- □ Report significant spills to the appropriate local spill response agencies immediately. If the spill poses a significant hazrd to human health and safety, property or the environment, you must report it to the State Office of Emergency Services. (800) 852-7550 (24 hours).

#### **Earthmoving**



#### **Grading and Earthwork**

- ☐ Schedule grading and excavation work during dry weather.
- ☐ Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.
- Remove existing vegetation only when absolutely necessary, plant temporary vegetation for erosion control on slopes or where construction is not immediately planned.
- ☐ Prevent sediment from migrating offsite and protect storm drain inlets, drainage courses and streams by installing and maintaining appropriate BMPs (i.e. silt fences, gravel bags, fiber rolls, temporary swales, etc.).
- ☐ Keep excavated soil on site and transfer it to dump trucks on site, not in the streets.

#### **Contaminated Soils**

- ☐ If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:
  - Unusual soil conditions, discoloration, or odor.
- Abandoned underground tanks.
- Abandoned wells
- Buried barrels, debris, or trash
- ☐ If the above conditions are observed, document any signs of potential contamination and clearly mark them so they are not distrurbed by construction activities.

#### Landscaping

- ☐ Protect stockpiled landscaping materials from wind and rain by storing them under tarps all year-round.
- ☐ Stack bagged material on pallets and under cover.
- ☐ Discontinue application of any erodible landscape material within 2 days before a forecast rain event or during wet weather.

# Concrete Management and Dewatering



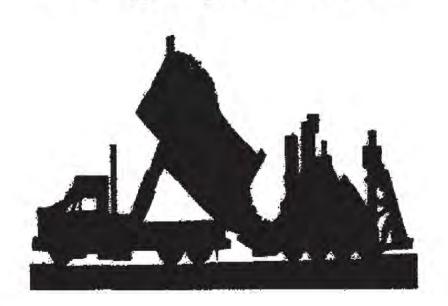
#### **Concrete Management**

- ☐ Store both dry and wet materials under cover, protected from rainfall and runoff and away from storm drains or waterways. Store materials off the ground, on pallets. Protect dry materials from wind.
- Wash down exposed aggregate concrete only when the wash water can (1) flow onto a dirt area; (2) drain onto a bermed surface from which it can be pumped and disposed of properly; or (3) block any storm drain inlets and vacuum washwater from the gutter. If possible, sweep first.
- Wash out concrete equipment/trucks offsite or in a designated washout area onsite, where the water will flow into a temporary waste pit, and make sure wash water does not leach into the underlying soil. (See CASQA Construction BMP Handbook for properly designed concrete washouts.)

#### Dewatering

- Discharges of groundwater or captured runoff from dewatering operations must be properly managed and disposed. When possible, send dewatering discharge to landscaped area or sanitary sewer. If discharging to the sanitary sewer, call your local wastewater treatment plant.
- ☐ Divert run-on water from offsite away from all disturbed areas.
- □ When dewatering, notify and obtain approval from the local municipality before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ☐ In areas of known or suspected contamination, call your local agency to determine whether the ground water must be tested. Pumped groundwater may need to be collected and hauled off-site for treatment and proper disposal.

#### Paving/Asphalt Work



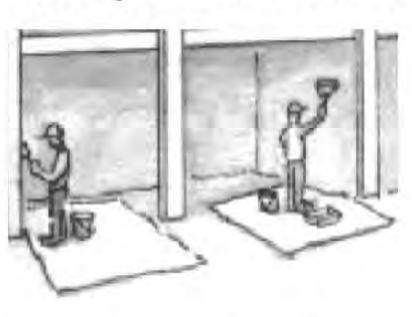
#### Paving

- Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured from contacting stormwater runoff.
- ☐ Cover storm drain inlets and manholes when applying seal coat, slurry seal, fog seal, or similar materials.
- Collect and recycle or properly dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.

#### Sawcutting & Asphalt/Concrete Removal

- ☐ Protect storm drain inlets during saw cutting.
- ☐ If saw cut slurry enters a catch basin, clean it up immediately.
- ☐ Shovel or vacuum saw cut slurry deposits and remove from the site. When making saw cuts, use as little water as possible. Sweep up, and properly dispose of all residues.

#### **Painting & Paint Removal**



#### Painting Cleanup and Removal

- ☐ Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.
- ☐ For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer.

  Never pour paint down a storm drain.
- ☐ For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids as hazardous waste.
- ☐ Sweep up or collect paint chips and dust from non-hazardous dry stripping and sand blasting into plastic drop cloths and dispose of as trash.
- ☐ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste.

  Lead based paint removal requires a statecertified contractor.



Storm drain polluters may be liable for fines of up to \$10,000 per day!

REY \* DATE

DESIGNERS SIGNATURE

Michelle Miner

CHECKED DATE 8/14/2024 SCALE AS SHOWN JOB NO.

PAGE:

RESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2023) Exception: A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is NIA RESPON. CHAPTER 3 installed in close proximity to the location or the proposed location of the EV space at the time of original construction in accordance with the California Electrical Code. 4.106.4.2 New multifamily dwellings, hotels and motels and new residential parking facilities. **GREEN BUILDING** When parking is provided, parking spaces for new multifamily dwellings, hotels and motels shall meet the requirements 4.106.4.2.4 Identification. **SECTION 301 GENERAL** of Sections 4.106.4.2.1 and 4.106.4.2.2. Calculations for spaces shall be rounded up to the nearest whole number, A The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for parking space served by electric vehicle supply equipment or designed as a future EV charging space shall count as at future EV charging purposes as "EV CAPABLE" in accordance with the California Electrical Code. least one standard automobile parking space only for the purpose of complying with any applicable minimum parking 301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in space requirements established by a local jurisdiction. See Vehicle Code Section 22511.2 for further details. 4.106.4.2.5 Electric Vehicle Ready Space Signage . Electric vehicle ready spaces shall be identified by signage or pavement markings, in compliance with Caltrans the application checklists contained in this code. Voluntary green building measures are also included in the 4.106.4.2.1Multifamily development projects with less than 20 dwelling units; and hotels and motels with less Traffic Operations Policy Directive 13-01 (Zero Emission Vehicle Signs and Pavement Markings) or its application checklists and may be included in the design and construction of structures covered by this code, than 20 sleeping units or guest rooms. but are not required unless adopted by a city, county, or city and county as specified in Section 101.7. The number of dwelling units, sleeping units or guest rooms shall be based on all buildings on a project site subject to 4.106.4.3 Electric vehicle charging for additions and alterations of parking facilities serving existing 301.1.1 Additions and alterations. [HCD] The mandatory provisions of Chapter 4 shall be applied to multifamily buildings. additions or alterations of existing residential buildings where the addition or alteration increases the 1.EV Capable. Ten (10) percent of the total number of parking spaces on a building site, provided for all types When new parking facilities are added, or electrical systems or lighting of existing parking facilities are added or building's conditioned area, volume, or size. The requirements shall apply only to and/or within the of parking facilities, shall be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2 altered and the work requires a building permit, ten (10) percent of the total number of parking spaces added or specific area of the addition or alteration. EVSE. Electrical load calculations shall demonstrate that the electrical panel service capacity and electrical altered shall be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2 EVSE. system, including any on-site distribution transformer(s), have sufficient capacity to simultaneously charge all EVs at all required EV spaces at a minimum of 40 amperes. The mandatory provision of Section 4.106.4.2 may apply to additions or alterations of existing parking facilities or the addition of new parking facilities serving existing multifamily buildings. See Section The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved 1. Construction documents are intended to demonstrate the project's capability and capacity for facilitating future 4.106.4.3 for application. for future EV charging purposes as "EV CAPABLE" in accordance with the California Electrical Code. Note: Repairs including, but not limited to, resurfacing, restriping and repairing or maintaining existing 2. There is no requirement for EV spaces to be constructed or available until EV chargers are installed for use. lighting fixtures are not considered alterations for the purpose of this section. DIVISION 4.2 ENERGY EFFICIENCY 1. When EV chargers (Level 2 EVSE) are installed in a number equal to or greater than the required number Note: On and after January 1, 2014, residential buildings undergoing permitted alterations, additions, or 4.201 GENERAL improvements shall replace noncompliant plumbing fixtures with water-conserving plumbing fixtures. 4.201.1 SCOPE. For the purposes of mandatory energy efficiency standards in this code, the California Energy Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate 2.When EV chargers (Level 2 EVSE) are installed in a number less than the required number of EV capable Commission will continue to adopt mandatory standards. spaces, the number of EV capable spaces required may be reduced by a number equal to the number of of occupancy or final permit approval by the local building department. See Civil Code Section 1101.1, EV chargers installed. et seq., for the definition of a noncompliant plumbing fixture, types of residential buildings affected and other important enactment dates. DIVISION 4.3 WATER EFFICIENCY AND CONSERVATION 301.2 LOW-RISE AND HIGH-RISE RESIDENTIAL BUILDINGS. [HCD] The provisions of 4.303 INDOOR WATER USE individual sections of CALGreen may apply to either low-rise residential buildings high-rise residential a. Construction documents are intended to demonstrate the project's capability and capacity for facilitating 4.303.1 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and buildings, or both. Individual sections will be designated by banners to indicate where the section applies future EV charging. urinals) and fittings (faucets and showerheads) shall comply with the sections 4.303.1.1, 4.303.1.2, 4.303.1.3, specifically to low-rise only (LR) or high-rise only (HR). When the section applies to both low-rise and b. There is no requirement for EV spaces to be constructed or available until receptacles for EV charging or high-rise buildings, no banner will be used. SECTION 302 MIXED OCCUPANCY BUILDINGS Note: All noncompliant plumbing fixtures in any residential real property shall be replaced with water-conserving plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a certificate of final 2.EV Ready. Twenty-five (25) percent of the total number of parking spaces shall be equipped with low power 302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building completion, certificate of occupancy, or final permit approval by the local building department. See Civil Level 2 EV charging receptacles. For multifamily parking facilities, no more than one receptacle is required per shall comply with the specific green building measures applicable to each specific occupancy. Code Section 1101.1, et seq., for the definition of a noncompliant plumbing fixture, types of residential dwelling unit when more than one parking space is provided for use by a single dwelling unit. buildings affected and other important enactment dates. 1. [HCD] Accessory structures and accessory occupancies serving residential buildings shall Exception: Areas of parking facilities served by parking lifts. 4.303.1.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per comply with Chapter 4 and Appendix A4, as applicable. flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense 4.106.4.2.2 Multifamily development projects with 20 or more dwelling units, hotels and motels with 20 or more 2. [HCD] For purposes of CALGreen, live/work units, complying with Section 419 of the California Building Code, shall not be considered mixed occupancies. Live/Work units shall comply with The number of dwelling units, sleeping units or guest rooms shall be based on all buildings on a project site subject to Chapter 4 and Appendix A4, as applicable. 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 1.EV Capable. Ten (10) percent of the total number of parking spaces on a building site, provided for all types 4.303.1.2 Urinals. The effective flush volume of wall mounted urinals shall not exceed 0.125 gallons per flush. of parking facilities, shall be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2 ABBREVIATION DEFINITIONS: The effective flush volume of all other urinals shall not exceed 0.5 gallons per flush. EVSE. Electrical load calculations shall demonstrate that the electrical panel service capacity and electrical system, including any on-site distribution transformer(s), have sufficient capacity to simultaneously charge all Department of Housing and Community Development EVs at all required EV spaces at a minimum of 40 amperes. California Building Standards Commission 4.303.1.3.1 Single Showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 DSA-SS Division of the State Architect, Structural Safety The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA OSHPD Office of Statewide Health Planning and Development for future EV charging purposes as "EV CAPABLE" in accordance with the California Electrical Code. WaterSense Specification for Showerheads. High Rise Exception: When EV chargers (Level 2 EVSE) are installed in a number greater than five (5) percent of 4.303.1.3.2 Multiple showerheads serving one shower . When a shower is served by more than one Additions and Alterations parking spaces required by Section 4.106.4.2.2, Item 3, the number of EV capable spaces required may be showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by reduced by a number equal to the number of EV chargers installed over the five (5) percent required. a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to only **CHAPTER 4** allow one shower outlet to be in operation at a time. RESIDENTIAL MANDATORY MEASURES Note: A hand-held shower shall be considered a showerhead. a. Construction documents shall show locations of future EV spaces. **SECTION 4.102 DEFINITIONS** 4.303.1.4 Faucets. 4.102.1 DEFINITIONS b. There is no requirement for EV spaces to be constructed or available until receptacles for EV charging or The following terms are defined in Chapter 2 (and are included here for reference) EV chargers are installed for use. 4.303.1.4.1 Residential Lavatory Faucets. The maximum flow rate of residential lavatory faucets shall not exceed 1.2 gallons per minute at 60 psi. The minimum flow rate of residential lavatory faucets shall FRENCH DRAIN. A trench, hole or other depressed area loosely filled with rock, gravel, fragments of brick or similar 2.EV Ready. Twenty-five (25) percent of the total number of parking spaces shall be equipped with low power not be less than 0.8 gallons per minute at 20 psi. Level 2 EV charging receptacles. For multifamily parking facilities, no more than one receptacle is required per pervious material used to collect or channel drainage or runoff water. dwelling unit when more than one parking space is provided for use by a single dwelling unit. 4.303.1.4.2 Lavatory Faucets in Common and Public Use Areas. The maximum flow rate of lavatory WATTLES. Wattles are used to reduce sediment in runoff. Wattles are often constructed of natural plant materials faucets installed in common and public use areas (outside of dwellings or sleeping units) in residential such as hay, straw or similar material shaped in the form of tubes and placed on a downflow slope. Wattles are also Exception: Areas of parking facilities served by parking lifts. buildings shall not exceed 0.5 gallons per minute at 60 psi. used for perimeter and inlet controls. 3.EV Chargers. Five (5) percent of the total number of parking spaces shall be equipped with Level 2 EVSE. 4.303.1.4.3 Metering Faucets. Metering faucets when installed in residential buildings shall not deliver 4.106 SITE DEVELOPMENT Where common use parking is provided, at least one EV charger shall be located in the common use parking more than 0.2 gallons per cycle. 4.106.1 GENERAL. Preservation and use of available natural resources shall be accomplished through evaluation area and shall be available for use by all residents or guests. and careful planning to minimize negative effects on the site and adjacent areas. Preservation of slopes, 4.303.1.4.4 Kitchen Faucets. The maximum flow rate of kitchen faucets shall not exceed 1.8 gallons management of storm water drainage and erosion controls shall comply with this section. When low power Level 2 EV charging receptacles or Level 2 EVSE are installed beyond the minimum required, per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not an automatic load management system (ALMS) may be used to reduce the maximum required electrical to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per a 4.106.2 STORM WATER DRAINAGE AND RETENTION DURING CONSTRUCTION. Projects which disturb less capacity to each space served by the ALMS. The electrical system and any on-site distribution transformers shall have sufficient capacity to deliver at least 3.3 kW simultaneously to each EV charging station (EVCS) 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 served by the ALMS. The branch circuit shall have a minimum capacity of 40 amperes, and installed EVSE shall Note: Where complying faucets are unavailable, aerators or other means may be used to achieve have a capacity of not less than 30 amperes. ALMS shall not be used to reduce the minimum required electrical 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. capacity to the required EV capable spaces. 4.303.1.4.5 Pre-rinse spray valves. Retention basins of sufficient size shall be utilized to retain storm water on the site. 4.106.4.2.2.1 Electric vehicle charging stations (EVCS). When installed, shall meet the requirements in the California Code of Regulations, Title 20 (Appliance 2. Where storm water is conveyed to a public drainage system, collection point, gutter or similar Electric vehicle charging stations required by Section 4.106.4.2.2, Item 3, shall comply with Section 4.106.4.2.2.1 Efficiency Regulations), Sections 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607 disposal method, water shall be filtered by use of a barrier system, wattle or other method approved (d)(7) and shall be equipped with an integral automatic shutoff. Exception: Electric vehicle charging stations serving public accommodations, public housing, motels and hotels 3. Compliance with a lawfully enacted storm water management ordinance. shall not be required to comply with this section. See California Building Code, Chapter 11B, for applicable FOR REFERENCE ONLY: The following table and code section have been reprinted from the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) and Section Note: Refer to the State Water Resources Control Board for projects which disturb one acre or more of soil, or 1605.3 (h)(4)(A). 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 options: Website: https://www.waterboards.ca.gov/water\_issues/programs/stormwater/construction.html) TABLE H-2 The charging space shall be located adjacent to an accessible parking space meeting the requirements of 4.106.3 GRADING AND PAVING. Construction plans shall indicate how the site grading or drainage system will the California Building Code, Chapter 11A, to allow use of the EV charger from the accessible parking space. manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY 2. The charging space shall be located on an accessible route, as defined in the California Building Code, water include, but are not limited to, the following: VALUES MANUFACTURED ON OR AFTER JANUARY 28, 2019 . Water collection and disposal systems Exception: Electric vehicle charging stations designed and constructed in compliance with the California PRODUCT CLASS MAXIMUM FLOW RATE (gpm) French drains Building Code, Chapter 11B, are not required to comply with Section 4.106.4.2.2.1.1 and Section [spray force in ounce force (ozf)] Water retention gardens 5. Other water measures which keep surface water away from buildings and aid in groundwater Product Class 1 (≤5.0 ozf) 4.106.4.2.2.1.2 Electric vehicle charging stations (EVCS) dimensions. The charging spaces shall be designed to comply with the following: Exception: Additions and alterations not altering the drainage path. Product Class 2 (> 5.0 ozf and ≤8.0 ozf) 1. The minimum length of each EV space shall be 18 feet (5486 mm). Product Class 3 (> 8.0 ozf) 4.106.4 Electric vehicle (EV) 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 EV chargers. Electric vehicle supply 2. The minimum width of each EV space shall be 9 feet (2743 mm). Title 20 Section 1605.3 (h)(4)(A): Commercial prerinse spray values manufactured on or after January equipment (EVSE) shall be installed in accordance with the California Electrical Code, Article 625. 1, 2006, shall have a minimum spray force of not less than 4.0 ounces-force (ozf)[113 grams-force(gf)] 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 4.303.2 Submeters for multifamily buildings and dwelling units in mixed-used residential/commercial 1. On a case-by-case basis, where the local enforcing agency has determined EV charging and infrastructure are not feasible based upon one or more of the following conditions: Submeters shall be installed to measure water usage of individual rental dwelling units in accordance with the 1.1 Where there is no local utility power supply or the local utility is unable to supply adequate a.Surface slope for this EV space and the aisle shall not exceed 1 unit vertical in 48 units horizontal (2.083 percent slope) in any direction. 1.2 Where there is evidence suitable to the local enforcing agency substantiating that additional 4.303.3 Standards for plumbing fixtures and fittings. Plumbing fixtures and fittings shall be installed in 4.106.4.2.2.1.3 Accessible EV spaces. local utility infrastructure design requirements, directly related to the implementation of Section accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table In addition to the requirements in Sections 4.106.4.2.2.1.1 and 4.106.4.2.2.1.2, all EVSE, when installed, shall 4.106.4, may adversely impact the construction cost of the project. 1701.1 of the California Plumbing Code. 2. Accessory Dwelling Units (ADU) and Junior Accessory Dwelling Units (JADU) without additional comply with the accessibility provisions for EV chargers in the California Building Code, Chapter 11B. EV ready spaces and EVCS in multifamily developments shall comply with California Building Code, Chapter 11A, Section THIS TABLE COMPILES THE DATA IN SECTION 4.303.1, AND IS INCLUDED AS A CONVENIENCE FOR THE USER. 4.106.4.1 New one- and two-family dwellings and townhouses with attached private garages. For each 4.106.4.2.3 EV space requirements. 1.Single EV space required. Install a listed raceway capable of accommodating a 208/240-volt dedicated branch dwelling unit, install a listed raceway to accommodate a dedicated 208/240-volt branch circuit. The raceway TABLE - MAXIMUM FIXTURE WATER USE shall not be less than trade size 1 (nominal 1-inch inside diameter). The raceway shall originate at the main circuit. The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter). The raceway shall service or subpanel and shall terminate into a listed cabinet, box or other enclosure in close proximity to the originate at the main service or subpanel and shall terminate into a listed cabinet, box or enclosure in close **FIXTURE TYPE** proposed location of an EV charger. Raceways are required to be continuous at enclosed, inaccessible or proximity to the location or the proposed location of the EV space. Construction documents shall identify the concealed areas and spaces. The service panel and/or subpanel shall provide capacity to install a 40-ampere raceway termination point, receptacle or charger location, as applicable. The service panel and/ or subpanel shall SHOWER HEADS 208/240-volt minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit have a 40-ampere minimum dedicated branch circuit, including branch circuit overcurrent protective device (RESIDENTIAL) installed, or space(s) reserved to permit installation of a branch circuit overcurrent protective device. overcurrent protective device. LAVATORY FAUCETS (RESIDENTIAL) Exemption: A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is Exception: A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is installed in close proximity to the proposed location of an EV charger at the time of original construction in installed in close proximity to the location or the proposed location of the EV space, at the time of original

construction in accordance with the California Electrical Code.

concealed areas and spaces shall be installed at the time of original construction.

2.Multiple EV spaces required. Construction documents shall indicate the raceway termination point and the

electrical load calculations. Plan design shall be based upon a 40-ampere minimum branch circuit. Required

raceways and related components that are planned to be installed underground, enclosed, inaccessible or in

location of installed or future EV spaces, receptacles or EV chargers. Construction documents shall also provide

information on amperage of installed or future receptacles or EVSE, raceway method(s), wiring schematics and

accordance with the California Electrical Code.

4.106.4.1.1 Identification. The service panel or subpanel circuit directory shall identify the overcurrent

protective device space(s) reserved for future EV charging as "EV CAPABLE". The raceway termination

location shall be permanently and visibly marked as "EV CAPABLE".

4.304 OUTDOOR WATER USE 4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS ... Residential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent. 1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code Regulations. Title 23, Chapter 2.7, Division 2. MWELO and supporting documents, including water budget calculator, are available at: https://www.water.ca.gov/ DIVISION 4.4 MATERIAL CONSERVATION AND RESOURCE 4.406 ENHANCED DURABILITY AND REDUCED MAINTENANCE 4.406.1 RODENT PROOFING. Annular spaces around pipes, electric 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, concrete masonry or a similar method acceptable to the enforcing 4.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING 4.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65 percent of the non-hazardous 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 3. The enforcing agency may make exceptions to the requirements of this section when isolated jobsites are located in areas beyond the haul boundaries of the diversion facility. 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 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. 2. Specify if construction and demolition waste materials will be sorted on-site (source separated) or bulk mixed (single stream). Identify diversion facilities where the construction and demolition waste material collected will be 4. Identify construction methods employed to reduce the amount of construction and demolition waste 5. Specify that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both. 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 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. 4.408.4 WASTE STREAM REDUCTION ALTERNATIVE [LR]. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 3.4 lbs./sq.ft. of the building area shall meet the minimum 65% construction waste reduction requirement in 4.408.4.1 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% construction waste reduction requirement in Section 4.408.1 4.408.5 DOCUMENTATION. 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... 1. Sample forms found in "A Guide to the California Green Building Standards Code (Residential)" located at www.hcd.ca.gov/CALGreen.html may be used to assist in documenting compliance with this section. 2. Mixed construction and demolition debris (C & D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle). 4.410 BUILDING MAINTENANCE AND OPERATION 4.410.1 OPERATION AND MAINTENANCE MANUAL. 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 the building: 1. Directions to the owner or occupant that the manual shall remain with the building throughout the life cycle of the structure. Operation and maintenance instructions for the following: Equipment and appliances, including water-saving devices 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 downspouts c. Space conditioning systems, including condensers and air filters. d. Landscape irrigation systems. e. Water reuse systems. . Information from local utility, water and waste recovery providers on methods to further reduce resource consumption, including recycle programs and locations. 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. Information about water-conserving landscape and irrigation design and controllers which conserve 7. Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5 feet away from the foundation. Information on required routine maintenance measures, including, but not limited to, caulking, painting, grading around the building, etc. Information about state solar energy and incentive programs available. 10. A copy of all special inspections verifications required by the enforcing agency or this code. 11. Information from the Department of Forestry and Fire Protection on maintenance of defensible space around residential structures. 12. Information and/or drawings identifying the location of grab bar reinforcements. 4.410.2 RECYCLING BY OCCUPANTS. Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible area(s) that serves all buildings on the site and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waster, and metals, or meet a lawfully enacted local recycling ordinance, if more restrictive. Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code Section 42649.82 (a)(2)(A) et seq. are note required to comply with the organic waste portion of DIVISION 4.5 ENVIRONMENTAL QUALITY **SECTION 4.501 GENERAL** The provisions of this chapter shall outline means of reducing the quality of air contaminants that are odorous, irritating and/or harmful to the comfort and well being of a building's installers, occupants and neighbors. SECTION 4.502 DEFINITIONS 5.102.1 DEFINITIONS The following terms are defined in Chapter 2 (and are included here for reference) 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. COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood.

structural panels, structural composite lumber, oriented strand board, glued laminated timber, prefabricated

wood I-joists or finger-jointed lumber, all as specified in California Code of regulations (CCR), title 17, Section

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.

FLOW RATE

1.8 GMP @ 80 PSI

MIN. 0.8 GPM @ 20 PSI

0.5 GPM @ 60 PSI

1.8 GPM @ 60 PSI

0.2 GAL/CYCLE

1.28 GAL/FLUSH

0.125 GAL/FLUSH

LAVATORY FAUCETS IN

KITCHEN FAUCETS

WATER CLOSET

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDIVIDUAL NEEDS. THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.

METERING FAUCETS

COMMON & PUBLIC USE AREAS

# 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

RESIDENTIAL MANDATORY MEASURES. SHEET 2 (January 2023)

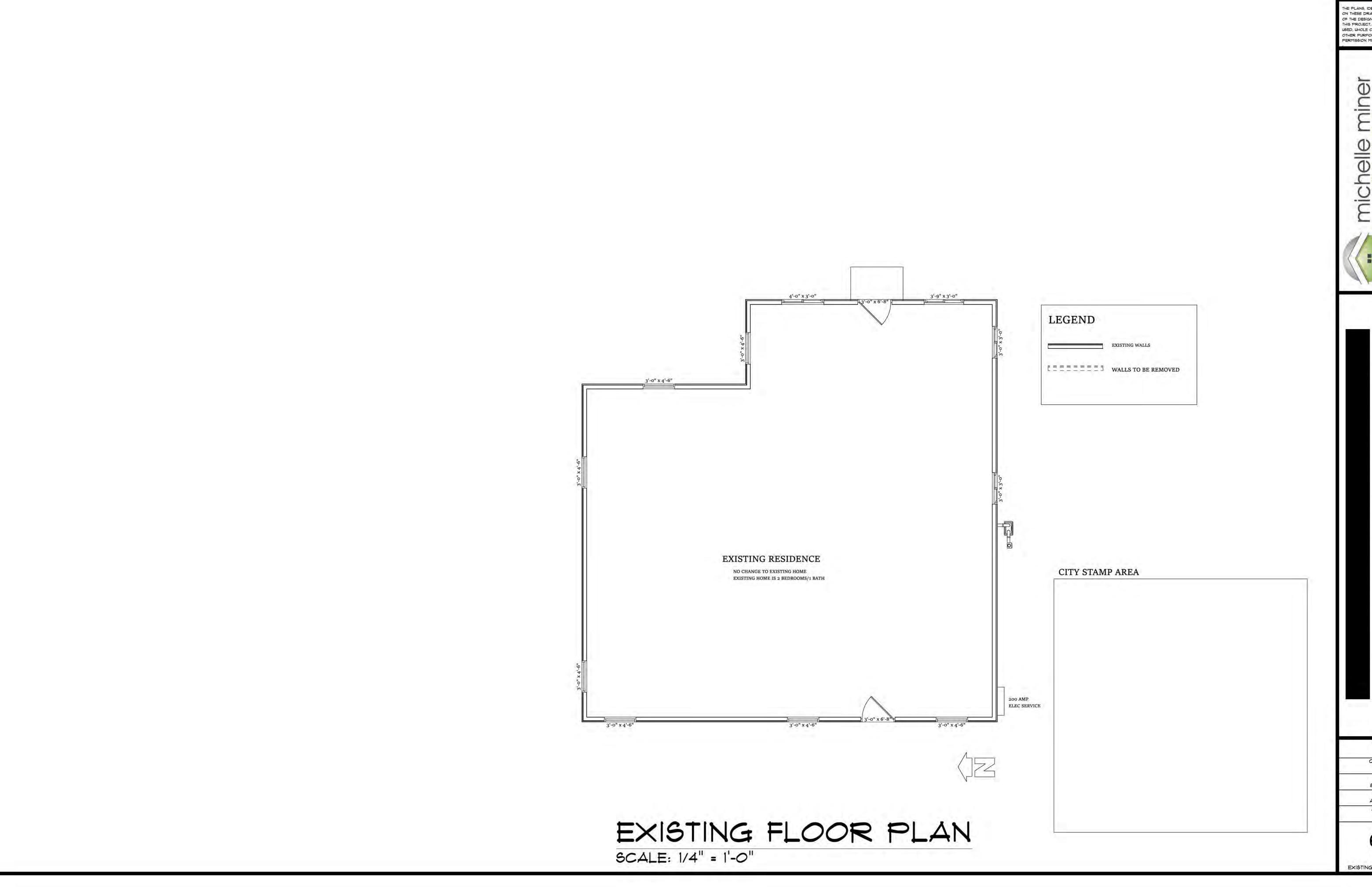
CREMENTAL REACTIVITY (MIR). The maximum change in weight of compound added, expressed to a plant (g. 0'19) ROC).  a plant (g. 0'19) ROC).  The selective Organic Gas (ROC) Michae* per weight of compound added, expressed to a plant (g. 0'19) ROC).  The selective Organic Gas (ROC) Michae* per weight of compound added, expressed to a plant (g. 0'19) ROC).  The selective Organic Gas (g. 0'19) ROC).  The weight of the water in sood expressed in percontage of the weight of the over-dry wood.   ROMEON (ROC) MIR (PWMR). The sum of all weighted-MiR for all impredients in a product added to the decident of the compound of the product of the compound of the

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.

REY \* DATE

DESIGNERS SIGNATURE

ON THESE DRAWINGS ARE THE PROPER OF THE DESIGNER. DEVISED SOLEY FOR USED, WHOLE OR IN PART, FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION MICHELLE MINER DESIGN



REY DATE

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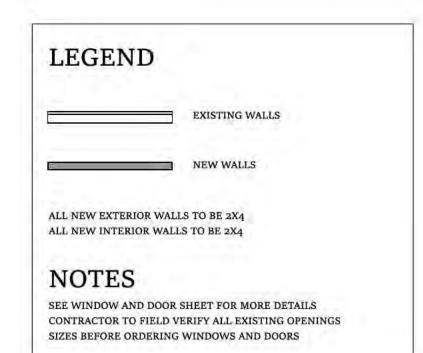
michelle miner design— 488 Prospect Rd. #6 Saratoga, CA 95070 408.396.0984 Shelminer@aol.com miner



AS SHOWN

#### \* NOTE TO CONTRACTOR \*

THE CONTRACTOR AND/OR SUPPLIER OF MATERIALS SHALL NOT SCALE ANY DIMENSIONS FOR CONSTRUCTION PURPOSES. IN THE EVENT A DIMENSION IS REQUIRED THAT DOES NOT OCCUR ON THE DRAWINGS AND/OR A DIMENSION ERROR IS FOUND ON THE DRAWINGS. THE CONTRACTOR AND/OR SUPPLIER OF MATERIALS WILL NOTIFY THE OFFICE OF MICHELLE MINER DESIGN. AND REQUIRES ASSISTANCE AS SOON AS POSSIBLE. IF ANY ERROR IS FOUND ON PLAN OF ANY KIND NOTIFY MICHELLE MINER DESIGN THE CONTRACTOR AND/OR SUPPLIER OF MATERIALS SHALL BE SOLELY RESPONSIBLE FOR THE RESULTS OF ERRORS, DISCREPANCIES AND OMISSIONS WHICH THE CONTRACTOR AND/OR MATERIAL SUPPLIER FAILED TO NOTIFY THE OFFICE OF MICHELLE MINER DESIGN. PRIOR TO CONSTRUCTION AND/OR FABRICATION OF THE WORK. NO DEVIATION FROM THE PLANS IN ANY WAY SHALL BE MADE WITHOUT THE WRITTEN CONSENT OF MICHELLE MINER DESIGN. APPROVAL BY THE CITY INSPECTOR DOES NOT CONSTITUTE AUTHORITY TO DEVIATE FROM THE PLANS OR OTHER DOCUMENTS PROVIDED BY THE OFFICE OF MICHELLE MINER DESIGN.



#### ATTIC VENTILATION CALC'S:

#### 120 S.F./ 150 = 0.8 S.F.

BALANCE 50% INTAKE, 50% EXHAUST = 0.4 S.F. 0.4 S.F. (144) = 57.6 S.I. INTAKE AND 97.6 S.I. EXHAUST

32 L.F./ 1.33 = 24 BLKS 24 BLKS (3) = 72 HOLES

INTAKE DRILLED EAVE VENTS

72 (3.142)(1.563) = 353 S.I.

EXHAUST VENTS

16 LINEAR FEET OF RIDGE

55 LINEAR FEET (18) S.I. PER FOOT = 280 S.I. (OR GABLE VENTS OR COMBINATION)

#### ★ DRILL ALL 2X BLOCKING W/ (3) 2 1/2" DIA. HOLES & 2" CONT. SCREENED VENTS

50% OF THE REQUIRED VENTILATING AREA WILL BE PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3 FEET ABOVE EAVE OR

CORNICE VENTS WITH THE BALANCE OF THE REQUIRED VENTILATION

FOUNDATION VENTILATION CALC'S:

120 S.F./ 150 / .58 = 2 VENTS SPACED EQ.

FOR CROSS VENTILATION. USE 6"X 14" VULCAN SCREENED FND VENTS OR APPROVED EQ.

REPLACE ANY VENTS THAT ARE COVERED BY NEW CONSTRUCTION

DRYER MOISTURE EXHAUST DUCT TO OUTSIDE OF BUILDING WITH BACKDRAFT DAMPER, MAXIMUM COMBINED LENGTH OF 14 FEET w/ 2 ELBOWS UNLESS OTHERWISE PERMITTED BY MANUFACTURER AND APPROVED BY BUILDING OFFICIAL; MAINTAIN MIN. 36" SEPARATION FROM BUILDING OPENINGS AT EXHAUST WALL VENT

PROVIDE RECESSED DRYER VENT BOX AND RECESSED WASHER HOOK UPS. SEE DETAIL 17 ON INTERIOR FINISH SHEET FOR CONCEPT. CONTRACTOR TO SELECT BOXES VERIFY LOCATION OF DRYER VENT WITH OWNERS DRYER TO INSURE PROPER INSTALL LOCATION

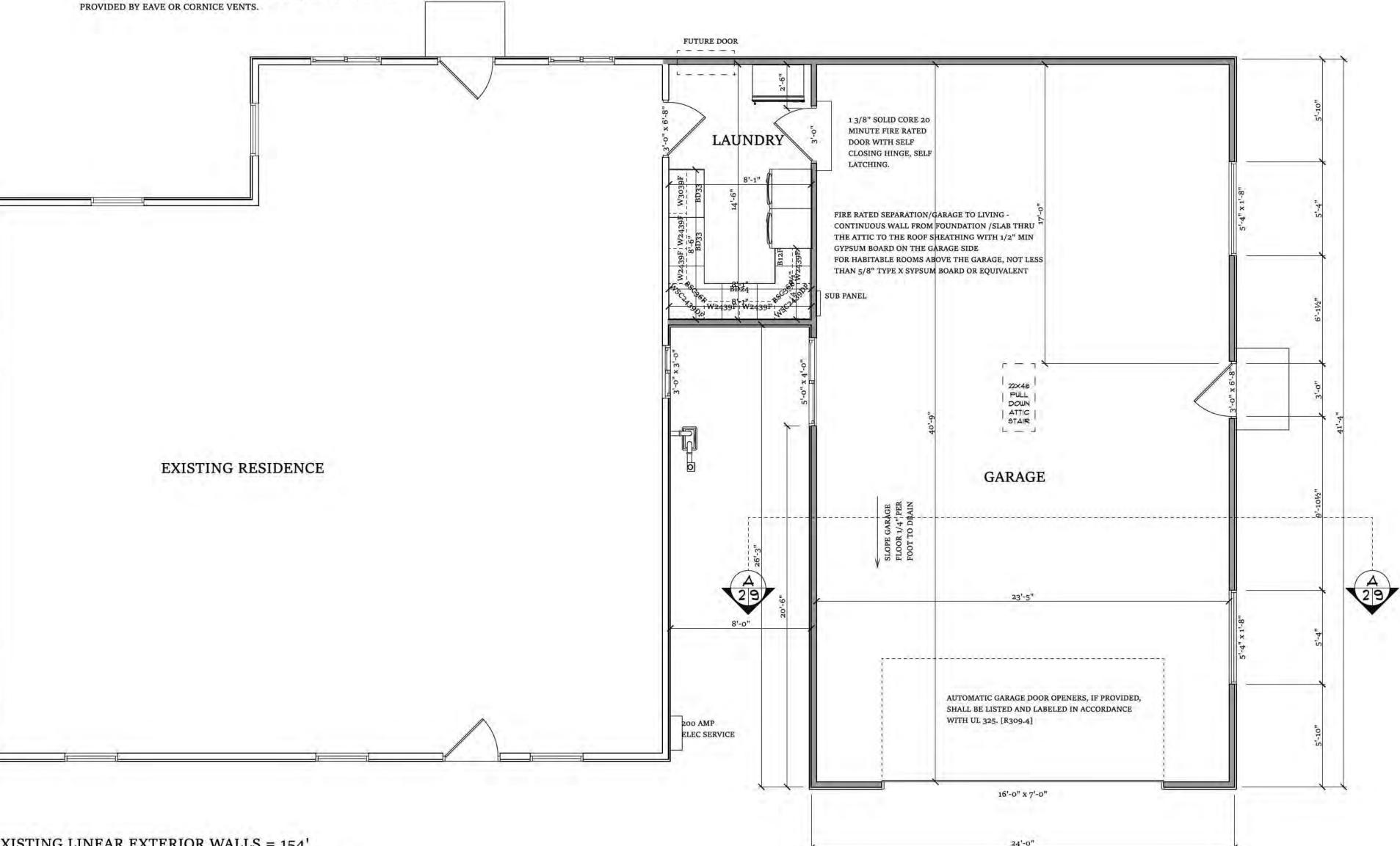
DOOR DOES NOT SWING OVER THE LANDING. CRC R311.3.1

A) DOOR SHALL HAVE A MINIMUM CLEAR HEIGHT OF 80 INCHES, MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP

B) DOOR SHALL BE READILY OPENABLE FROM THE INSIDE THE DWELLING WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

C) A SLOPE AT THE EXTERIOR LANDING SHALL NOT EXCEED 2%. CRC R311.3.

D) LANDING AT THE EGRESS DOOR SHALL NOT BE MORE THAN ½ INCHES LOWER THAN THE TOP OF THE THRESHOLD. LANDING SHALL NOT BE MORE THAN 7.75 INCHES LOWER THAN THE TOP OF THE THRESHOLD WHERE

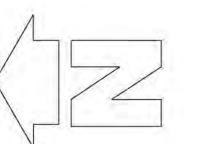


CITY STAMP AREA

EXISTING LINEAR EXTERIOR WALLS = 154'
EXTERIOR WALLS TO BE REMOVED = 15' (10%)

NO WALLS REMOVED FROM FRONT OF EXISTING HOME

NEW FLOOR PLAN SCALE: 1/4" = 1'-0"



REVISIONS
REV DATE BY

DESIGNERS SIGNATURE

Muchelle Mines

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@aol.com

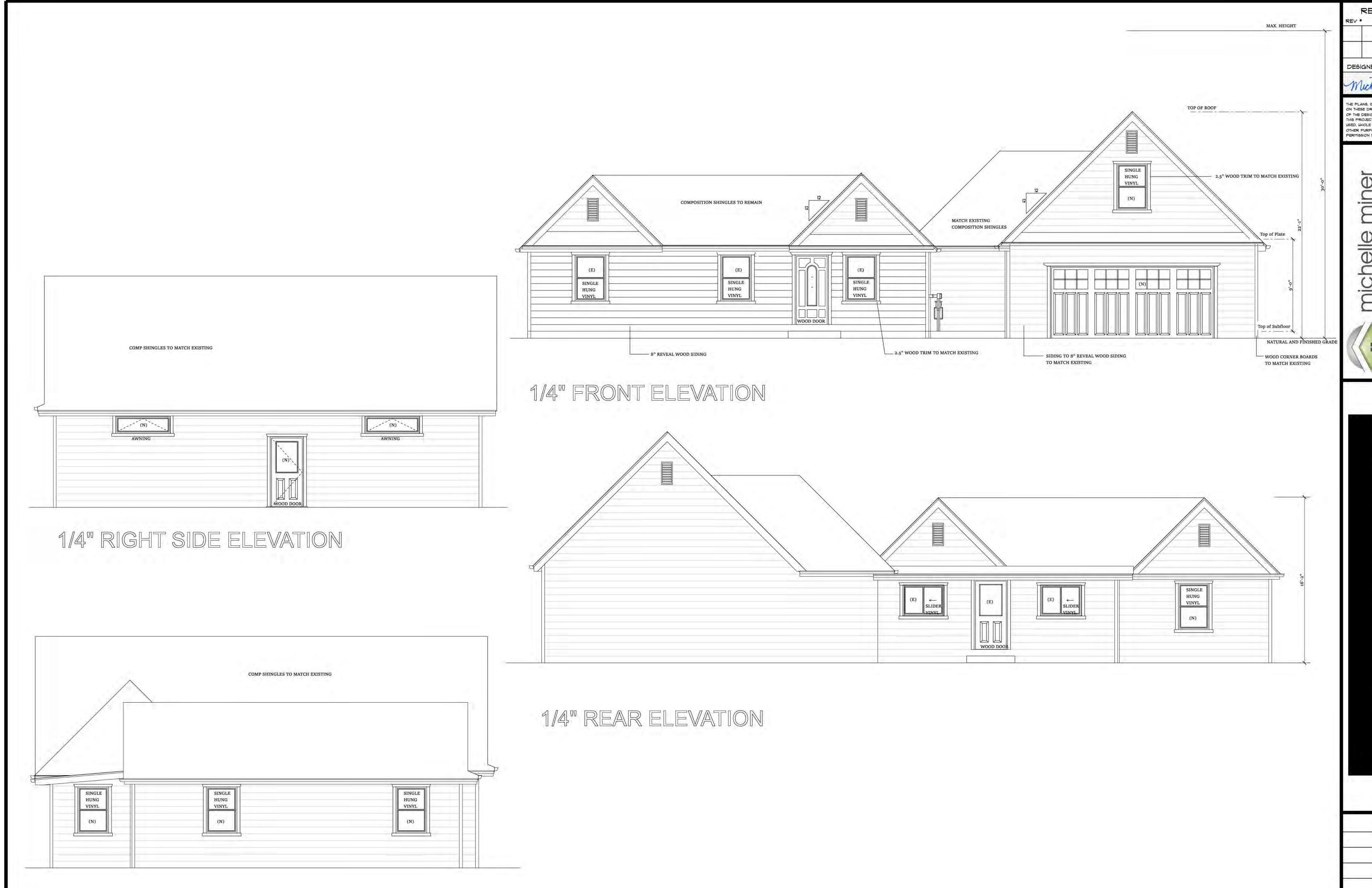
michelle miner — d e s i g n — Prospect Rd. #6 Saratoga, CA 950

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44 LA RINCONADA DRIVE LOS GATOS CA 95

DRAWN
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DATE
8/14/2024
SCALE
AS SHOWN
JOB NO.

7/<sub>15</sub>



REV DATE

DESIGNERS SIGNATURE

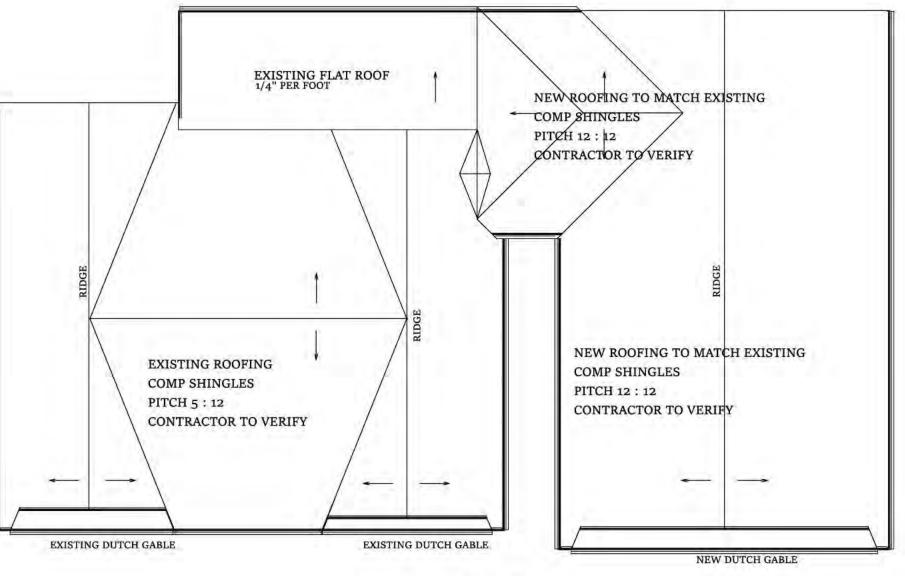
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michelle miner d e s i g n — 408.396.0984 Shelminer@aol.com

RINCONAD

AS SHOWN

COMP SHINGLES PITCH 12: 12 CONTRACTOR TO VERIFY



# ROOF PLAN SCALE: 1/8" = 1'-0"

#### ROOF PLAN NOTES

CLASS "A" COMPOSITION SHINGLES, COLOR TO BE SELECTED BY OWNER. OVER MIN.15 LB. ROOFING FELT.INSTALL PER MANUF. SPECS ROOFING FASTENERS ARE TO BE CORROSION RESISTANT IN ACCORDANCE WITH CRC R905.2.5

#### BUILT-UP ROOF, CLASS "A"

28 LB BASE PLY, ATTACHED MECHANICALLY 9" OC EDGES, AND 18" OC FIELD. INNER PLIES, 11 LB. FELT W/ MIN. 25 LB. MOPPING. 78 LB. MINERAL SURFACE CAP SHEET. MIN. SLOPE AT BUILT-UP ROOF: 1/2" PER (WATER TO DRAIN ONTO SLOPED ROOF.)

#### FLASHING & COUNTERFLASHING:

26 GAUGE STEEL, U.O.N., AS REQUIRED AT JUNCTURE OF ROOF AND VERTICAL SURFACES, SEE SHEET METAL NOTES ON NOTES SHEET

#### VALLEY FLASHING:

26 GAUGE GALV. STEEL OVER 15 LB. FELT. CRICKETS SIMILAR.

#### **GUTTERS & DOWNSPOUTS:**

5" GALV. STEEL GUTTER O OR MATCH EXISTING STYLE IF REMODEL 2 1/4" DIA ROUND GALV. STEEL DOWN SPOUTS. PROVIDE BASKET STRAINER AND SPLASH-BLOCK AT EACH DOWNSPOUT AT GROUND LEVEL..

USE VELUX RESIDENTIAL, WDMA (WINDOW AND DOOR MANUFACTURING ASSOCIATION) HALLMARK CERTIFICATION #426-H-679 (FOR VENTED) AND #426-H-675 (FOR FIXED). SEE PLAN FOR SKYLIGHT SIZE. PER CRC R308.6.9 TESTING AND LABELING:UNIT SKYLIGHTS SHALL BE TESTED BY AN APPROVED INDEPENDENT LAB, AND BEAR A LABEL IDENTIFYING MANUFACTURER, PERFORMANCE GRADE RATING, AND APPROVED INSPECTION AGENCY TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF AAMA/WDMA 101/I.S.2/NAFS.

#### PLUMBING VENTS:

PLUMBING WASTE VENTS SHALL TERMINATE NOT LESS THAN 10 FEEF FROM, OR NOT LESS THAN 3 FEET ABOVE AN OPENABLE WINDOW, DOOR, OPENING, AIR INTAKE, OR VENT SHAFT OR NOT LESS THAN 3 FEET IN EVERY DIRECTION FROM A LOT LINE, ALLEY AND STREET EXCEPTED. CPC

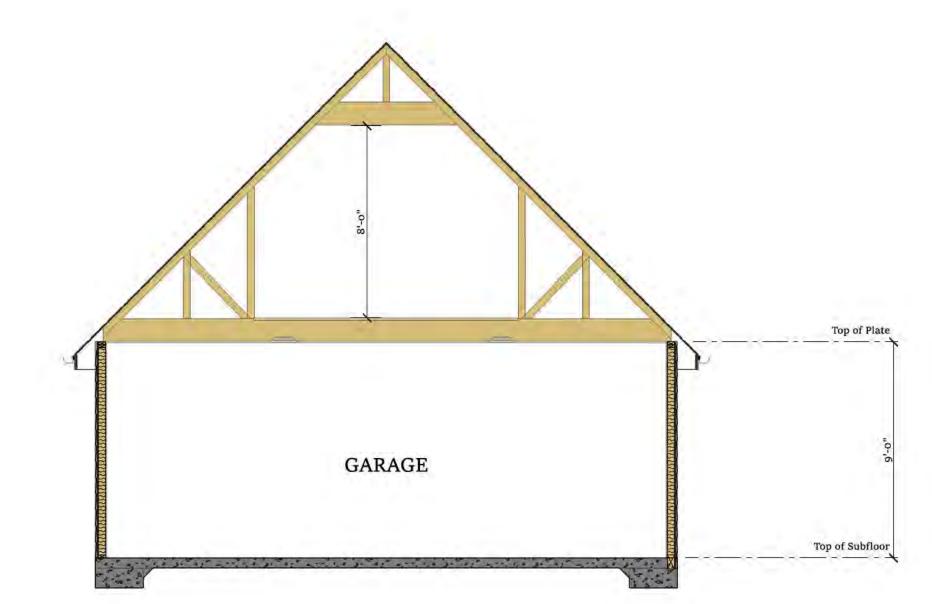
#### ROOF INSULATION NOTES:

MAINTAIN MIN 1" AIRSPACE BEIWEEN THERMAL BATT INSULATION AND ROOF SHEATHING. BAFFLE INSULATION AT VENTS AS NECESSARY. AT FRAMING CAVITIES THAT CANNOT BE PROPERLY VENTED, FILL CAVITY WITH SPRAY-IN-PLACE MEDIUM-DENSITY SEMI-RIGID CLOSED-CELL POLYUREIHANE FOAM INSULATION. COMPLIES AS AIR BARRIER AND THERMAL INSULATION IN COMPLIANCE WITH CRC R806.5

REV \* DATE DESIGNERS SIGNATURE

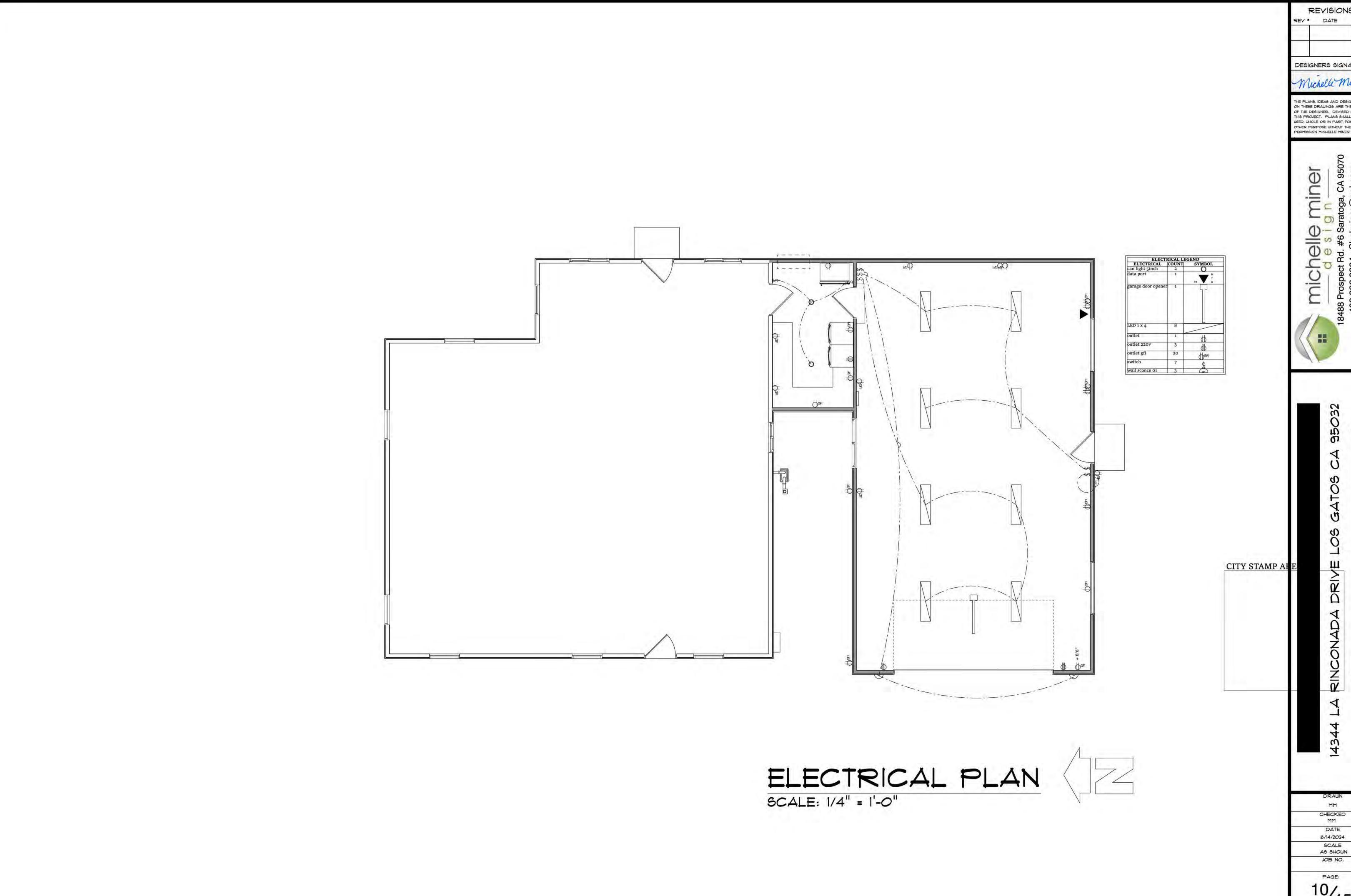
THE PLANS, IDEAS AND DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPER OF THE DESIGNER. DEVISED SOLEY FOR THIS PROJECT, PLANS SHALL NOT BE USED, WHOLE OR IN PART, FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION MICHELLE MINER DESIGN

> Saratoga, CA 9507 michelle d e s i g 488 Prospect Rd. #6 Sar 408.396.0984 Shelmir



CROSS SECTION A

SCALE: 1/4" = 1'-0"



DESIGNERS SIGNATURE

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michelle d e s i g 488 Prospect Rd. #6 Sar 408.396.0984 Shelmii



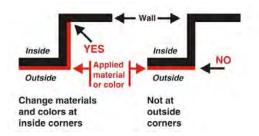
## BUILDING DESIGN 3

#### 3.8.3 Use traditional detailing

- Treat openings in walls as though they were constructed of the traditional material for the style. For example, be sure to provide substantial wall space above arches in stucco and stone walls. Traditionally, wall space above the arch would have been necessary to structurally span the opening, and to make the space too small is inconsistent with the architectural style.
- Openings in walls faced with stone, real or synthetic, should have defined lintels above the opening except in Mission or Spanish Eclectic styles. Lintels may be stone, brick or wood as suits the style of the house.
- Treat synthetic materials as though they were authentic.
   For example, select synthetic stone patterns that place the individual stones in a horizontal plane as they would have been in a load bearing masonry wall.
- Select roof materials that are consistent with the traditional architectural style (e.g., avoid concrete roof tiles on a Craftsman Style house.)

#### 3.8.4 Materials changes

• Make materials and color changes at inside corners rather than outside corners to avoid a pasted on look.



# Stone Lintels



Use stone or wood lintels over openings in stone walls

#### 3.9 ADDITIONS/ACCESSORY BUILDINGS/SECONDARY UNITS

- Site additions in the least conspicuous place. In many cases this is a rear or side elevation only rarely is it a rooftop.
- The existing built forms, components and materials should be reinforced. Heights and proportions of additions and alterations should be consistent with and continue the original architectural style and design.
- Additions should be subordinate, and compatible in scale and proportion to the historically significant portions of the existing structure.
- When an addition or remodel requires the use of newly constructed exterior elements, they should be identical in size, dimension, shape and location as the original, and



Additions, accessory buildings and secondary units should match the form, architectural style, and details of the original house

### BUILDING DESIGN



Original structure



Addition incorporated into the roof successfully adds space while respecting the integrity of the existing house and the scale of the neighborhood



Placing a two story addition to the rear can minimize its impact on the historic resource and the scale of the neighborhood

- should utilize the same materials as the existing protected exterior elements.
- When an addition necessitates the removal of architectural materials, such as siding, windows, doors, and decorative elements, they should be carefully removed and reused in the addition where possible.
- The introduction of window and door openings not characteristic in proportion, scale, or style with the original architecture is strongly discouraged (e.g., sliding windows or doors in a structure characterized by double hung windows and swinging doors).
- The character of any addition or alteration should be in keeping with and subordinate to the integrity of the original structure.
- The amount of foundation exposed on the addition should match that of the original building.
- Do not add roof top additions where the roof is of historic significance.
- Second floor additions are discouraged in neighborhoods with largely one story homes. If horizontal expansion of the house is not possible, consider incorporating a second floor addition within the roof form as shown in the example to the left.
- Second floor additions which are not embedded within the roof form should be located to the rear of the structure.
- The height and proportion of an addition or a second story should not dominate the original structure.
- Deck additions should be placed to the rear of the structure only, and should be subordinate in terms of scale and detailing.
- New outbuildings, such as garages, should be clearly subordinate to the main structure in massing, and should utilize forms, materials and details which are similar to the main structure.
- Garages should generally be located to the rear of the lot behind the rear wall of the residence. One car wide access driveways should be utilized.