

CITY OF GLENDALE, CA

DESIGN REVIEW STAFF REPORT - SINGLE FAMILY

September 4, 2023 1733 Don Carlos Avenue

Decision Date Address

Administrative Design Review (ADR) 5653-008-016

Review Type APN

PADR-001318-2023 Timothy Clark

Case Number Applicant

Dennis Joe, Senior Planner Sharon Rogers

Case Planner Owner

Project Summary

The applicant is proposing to construct a 245 square foot (SF) addition at the rear to an existing 1,190 SF, one-story, single-family residence (constructed in 1927), with an existing attached two-car garage on a 5,650 SF corner lot, zoned R1 (Floor Area District II).

Environmental Review

The project is exempt from CEQA review as a Class 1 "Existing Facilities" exemption pursuant to Section 15301 of the State CEQA Guidelines because the proposed additions to existing structures provided that the addition will not result in an increase of more than 50 percent of the floor area of the structures before the additions.

Existing Property/Background

The project site is a 5,650 square-foot corner lot, located on the northwest corner of Don Carlos Avenue and Rustic Lane. The parcel is irregularly-shaped with a relatively flat topography. The subject lot is developed with an existing 1,190 SF, one-story, single-family residence house that is centrally sited on the lot and a 400 square-foot, detached, garage located at the northern (rear) portion of the property accessed from Rustic Lane.

A single protected indigenous tree (Sycamore) is on or within 20 feet of the subject property of the trees is proposed to be remain. The City's Urban Forester had visited the subject property, reviewed the project planst, and does not anticipate negative impacts to these trees.

Staff Recommendation

Approve with Conditions

Last Date Reviewed / Decision

First time submittal for final review.

Zone: RI FAR District: II

Although this design review does not convey final zoning approval, the project has been reviewed for consistency with the applicable Codes and no inconsistencies have been identified.

Active/Pending Permits and Approvals

On January 31, 2023, the Director of Community Development approved an Administrative Exception application allowing a minor 254 square-foot addition to extend one foot into the required interior setback (3-foot interior setback proposed; 4-foot interior setback required), as required by Chart I of Chapter 30.11.030 of the Glendale Municipal Code.

Site Slope and Grading

None proposed.

Neighborhood Survey

	Average of Properties within 300 linear feet of subject property	Range of Properties within 300 linear feet of subject property	Subject Property Proposal
Lot size	6,956 SF	3,661 SF – 13,875 SF	5,650 SF
Setback	27 Ft	20 Ft – 35 Ft	25 Ft
House size	1,455 SF	769 SF – 2,786 SF	1,435 SF
Floor Area Ratio	0.23	0.1 – 0.47	0.25
Number of stories	Primarily 1	1- and 2-story	1-story

DESIGN ANALYSIS

Site Planning

Are the following items satisfactory and compatible with the project site and surrounding area?

Building Location ⊠ yes □ n/a □ no
If "no" select from below and explain:
☐ Setbacks of buildings on site
☐ Prevailing setbacks on the street
☐ Building and decks follow topography
Garage Location and Driveway ⊠ yes □ n/a □ no
If "no" select from below and explain:
☐ Predominant pattern on block
□ Compatible with primary structure

□ Permeable paving material□ Decorative paving
Access into the garage will be maintained from an existing concrete/brick driveway that is accessed from Finehill Avenue.
Landscape Design ⊠ yes □ n/a □ no
 If "no" select from below and explain: □ Complementary to building design □ Maintains existing trees when possible □ Maximizes permeable surfaces □ Appropriately sized and located
Walls and Fences ⊠ yes □ n/a □ no
If "no" select from below and explain: ☐ Appropriate style/color/material ☐ Perimeter walls treated at both sides ☐ Retaining walls minimized ☐ Appropriately sized and located
Determination of Compatibility: Site Planning
The proposed site planning is appropriate, as modified by any proposed conditions, to the site and its surroundings for the following reasons:
 The proposed project will be sited along the western and northern interior yards between the existing dwelling and detached garage. The minor addition will not change the street front or street side setback pattern of the neighborhood. The site planning of the proposed project will generally follow the shape of the lot and does not significantly alter the site planning of the lot. The addition will extend the building's street side facade property along Rustic Lane and will be set back approximately 22-feet from the street side property line, and continue the building's non-conforming 3-feet interior setback from the western property line.
Massing and Scale Are the following items satisfactory and compatible with the project site and surrounding area?
Building Relates to its Surrounding Context ⊠ yes □ n/a □ no
If "no" select from below and explain:□ Appropriate proportions and transitions□ Relates to predominant pattern

☐ Impact of larger building minimized
Building Relates to Existing Topography ⊠ yes □ n/a □ no
If "no" select from below and explain: □ Form and profile follow topography □ Alteration of existing land form minimized □ Retaining walls terrace with slope The project addition's will be mainly sited on previously graded flat portions of the lot with portions of the bedroom and garage additions will be set into the northern slope to allow the profile the building follow the topography of the site.
Consistent Architectural Concept ⊠ yes □ n/a □ no
If "no" select from below and explain: ☐ Concept governs massing and height
Scale and Proportion ☑ yes ☐ n/a ☐ no If "no" select from below and explain: ☐ Scale and proportion fit context ☐ Articulation avoids overbearing forms ☐ Appropriate solid/void relationships ☐ Entry and major features well located ☐ Avoids sense of monumentality
Roof Forms

Determination of Compatibility: Mass and Scale

The proposed massing and scale are appropriate, as modified by any proposed conditions, to the site and its surroundings for the following reasons:

- The overall massing of the project will be compatible with nearby dwellings in terms
 of mass and scale. The one-story additions will not project above the existing height
 of the building (approximately 12 feet) and will not alter the massing of the house
 viewed from Rustic Lane.
- The house relates well to the context of the neighborhood, where the majority of the homes are single story. The proposed home gym creates additional modulations to the east elevation and is consistent with the overall character of the house.

The addition is configured with a gable roof and appropriate to the style of the building. **Design and Detailing** Are the following items satisfactory and compatible with the project site and surrounding area? Overall Design and Detailing ⊠ yes □ n/a □ no If "no" select from below and explain: ☐ Consistent architectural concept ☐ Proportions appropriate to project and surrounding neighborhood ☐ Appropriate solid/void relationships **Entryway** ⊠ yes □ n/a □ no If "no" select from below and explain: ☐ Well integrated into design ☐ Avoids sense of monumentality ☐ Design provides appropriate focal point ☐ Doors appropriate to design **Windows** \boxtimes yes \square n/a □ no If "no" select from below and explain: ☐ Appropriate to overall design ☐ Placement appropriate to style ☐ Recessed in wall, when appropriate **Privacy** □ yes ⊠ n/a □ no If "no" select from below and explain: ☐ Consideration of views from "public" rooms and balconies/decks ☐ Avoid windows facing adjacent windows **Finish Materials and Color** yes □ n/a □ no If "no" select from below and explain: ☐ Textures and colors reinforce design

☐ High-quality, especially facing the street☐ Respect articulation and façade hierarchy

☐ Wrap corners and terminate appropriately
Paving Materials □ yes □ n/a □ no
If "no" select from below and explain: □ Decorative material at entries/driveways □ Permeable paving when possible □ Material and color related to design
Lighting, Equipment, Trash, and Drainage ⊠ yes □ n/a □ no
If "no" select from below and explain: □ Light fixtures appropriately located/avoid spillover and over-lit facades □ Light fixture design appropriate to project □ Equipment screened and well located □ Trash storage out of public view □ Downspouts appropriately located □ Vents, utility connections integrated with design, avoid primary facades
Ancillary Structures □ yes ⊠ n/a □ no
 If "no" select from below and explain: □ Design consistent with primary structure □ Design and materials of gates complement primary structure
etermination of Compatibility: Design and Detailing
ne proposed design and detailing are appropriate, as modified by any proposed and its surroundings for the following reasons:

De

- The project includes quality materials that complement the style of the building at the street front facade, such as, asphalt roofing shingles, stucco and wooden fascia.
- The proposed elevations and vertical window sections demonstrate appropriate wooden windows will be constructed into the wall with a recessed placement with sills and stucco bullnose surrounds that complement the aesthetic and curb appeal of the property.

Recommendation / Draft Record of Decision

Based on the above analysis, staff recommends **Approval**.

Attachments

- 1. Reduced Plans
- 2. Neighborhood Survey/ Photos
- 3. Location Map
- 4. Interdepartmental Comment Urban Forestry

- All doors and windows opening to the exterior, garage, or otherwise uninsulated space, shall be fully weather-stripped, gasketed, or otherwise treated to inhibit water and air infiltration. All weather sealed doors shall have door bottoms unless noted otherwise.
- All weather sealed doors and windows, shall be sealed between the unit frame and stud framing with expanding foam sealant and caulked between unit frame and adjacent finished surfaces.
- All exterior doors and windows shall be fully flashed on all four sides with sheet metal or approved building paper as per building industry standards, or as otherwise shown by drawings or as directed by Cynthia Bennett & Associates.
- 4. Openings in the building envelope separating conditioned space from unconditioned space shall be sealed.
- Door installer shall provide paint-grade or stain-grade door jambs to match existing or as otherwise noted, and thresholds for all new doors as required. For double French doors contractor shall also provide astragals and top and bottom flush bolts as required.
- All exterior and interior doors shall be installed with 1 1/2 pair of paintable brass hinges, provided by door installer, unless noted otherwise. Verify hinge size and style with designer prior to ordering.
- 8. All exterior doors with hinges on the outside shall have nonremovable hinge pins.
- 9. All exterior doors stops shall be of one-piece construction with the jamb.
- 10. The strike plate for latches and the holding device for projecting deadbolts in wood construction shall be secured to the jamb and the wall framing with screws not less than 2 1/2" in length.
- 11. All interior doors shall have door stops with finish and style to match knob hardware or as otherwise specified and are to be installed by finish carpenter in locations as approved by designer.
- 12. All new exterior locksets and deadbolt locks shall be keyed alike. All deadbolts shall be locked with key from outside; the inside shall be keyless and operate without any special knowledge or effort. Cylinder guards shall be installed on all new cylinder locks whenever the cylinder projects beyond the exterior face of the door.
- 13. All hardware to be verified and approved by designer prior to ordering and installation.
- 14. Window and door supplier shall field verify wall framing and finish conditions where units are to be installed in existing openings or walls and is responsible for proper sizing of units.
- 15. The operation of all hardware shall be inspected and approved by Cynthia Bennett & Associates immediately after installation.
- 16. Glass doors, glazing in bath and shower enclosures, adjacent glass panels within 12" of doors, and all glazed openings within 18" of adjacent floors shall have glass approved for impact hazard.

GENERAL CONSTRUCTION NOTES

- . All work shall conform to the 2022 California Building, Residential, Plumbing, Mechanical, Electrical, Green Building and Energy Codes, all local codes and ordinances, all industry accepted trade standards, and with all manufacturer's installation specifications and instructions.
- 2. At time of permit issuance, contractor shall show their valid workers' compensation insurance certificate.
- All work shall comform to all requirements of State of California Title 24 regardless of the information indicated on these plans. It is the responsibility of the individual supervising the construction to ensure that the work is done in accordance with Code requirements prior to requesting inspection.
- 4. Excess or waste concrete may not be washed into the public way or any other drainage system. Provisions shall be made to retain concrete wastes on site until they can be disposed of as solid waste.
- Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadways must be stabilized so as to inhibit sediments from being deposited into the public way. Accidental depositions must be swept immediately and not be washed down by rain or other means.
- Stockpiles of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water.
- Trash and construction related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersal by wind.
- Fuels, oils, solvents and other toxic materials must be stored in accordance with their listings and are not to contaminate the soil and surface waters. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system.
- 6. Do not scale drawings. Use dimensions as indicated on plans. Figures on drawings govern scaled measurements. Larger scale drawings govern smaller scale drawings.
- 7. Contractors shall verify all work, dimensions, and details, and report any discrepancies between drawings and specifications and job site conditions to the designer prior to beginning the work. During construction the designer shall be advised of any discrepancies in plans and job site conditions.
- 8. All interior dimensions are to finished surfaces and centerlines of columns or appliances, fixtures, etc. unless noted otherwise.
- 9. Reference to any detail or drawing is for convenience only and does not limit the application of such detail or drawing.
- 10. Verify size and location of all openings with all drawings and manufactured items where
- 11. All sub-contractors are required to pay for and obtain their own permits as required by their scope of work and are responsible for having their work inspected as required by local building departments. Sub-contractors shall provide proof of inspection to Cynthia Bennett & Associates.
- 12. Notes and details shall apply throughout the job unless noted otherwise or shown.
- 13. No changes or substitutions in materials or methods shall be made unless approved in writing by Cynthia Bennett & Associates, Inc.
- 14. Sub-contractors shall be responsible for maintaining in good condition any portions of the existing building or site to remain or any new work in place which is directly involved or adjacent to said contractors work. If damage occurs due to sub-contractor's negligence or failure to protect the work properly, said sub-contractor is required to repair at his expense. Sub-contractors shall also take care to protect their work from other's work.

DOOR SCHEDULE

	S		SIZE					DETAILS			
QTY.	Y	W.	H.	T.	TYPE / MATERIAL / GLAZING	FINISH	JAMB	HEAD	TRASH	HARDWARE	REMARKS
1	\bigcirc	9	6'-8"	1 3/4"	PATIOTRIPLE SLIDER/WD./DUAL GL. TEMPERED	PAINT					BLOCK FRAME W/STUCCO BULLNOSE / OAK THRESHOLD - FULL WEATHERSTRIP
1	2	0	6-8"	1 3/4"	PATIOTRIPLE SLIDER/WD./DUAL GL. TEMPERED	PAINT					BLOCK FRAME W/STUCCO BULLNOSE / OAK THRESHOLD - FULL WEATHERSTRIP
1	3	9	6'-8"	1 3/4"	PATIOTRIPLE SLIDER/WD./DUAL GL. TEMPERED	PAINT					BLOCK FRAME W/STUCCO BULLNOSE / OAK THRESHOLD - FULL WEATHERSTRIP
1	1) (2) (3) (4) (5)	2'-8"	6'-8"	13/8"	MATCH (E)/S.C. WD.						
1	5	2'-6"	6'-8"	13/8"	POCKET - MATCH (E) STYLE/S.C. WD.	PAINT					

Exhibit 1 - Reduced Plans

	S		SIZE				DETAILS				
QTY.	Y	W.	H.	T.	TYPE / MATERIAL / GLAZING	FINISH	JAMB	HEAD	TRASH	HARDWARE	REMARKS
1	\bigcirc	0	6'-8"	1 3/4"	PATIOTRIPLE SLIDER/WD./DUAL GL. TEMPERED	PAINT					BLOCK FRAME W/STUCCO BULLNOSE / OAK THRESHOLD - FULL WEATHERSTRIP
1	2	Ö	6'-8"	1 3/4"	PATIOTRIPLE SLIDER/WD./DUAL GL. TEMPERED	PAINT					BLOCK FRAME W/STUCCO BULLNOSE / OAK THRESHOLD - FULL WEATHERSTRIP
1	3	Ö	6'-8"	1 3/4"	PATIOTRIPLE SLIDER/WD./DUAL GL. TEMPERED	PAINT					BLOCK FRAME W/STUCCO BULLNOSE / OAK THRESHOLD - FULL WEATHERSTRIP
1	4	2'-8"	6'-8"	13/8"	MATCH (E)/S.C. WD.						
1	(2) (3) (4) (5)	2'-6"	6'-8"	1 3/8"	POCKET - MATCH (E) STYLE/S.C. WD.	PANT					

WINDOW SCHEDULE

WINDOW MARK	QUANTITY	existing width X height	NEW WIDTH X HEIGHT	existing Material	NEW MATERIAL	VISIBLE FROM THE STREET? Y/N	EXISTING OPERATION	NEW OPERATION	NEW FRAME TYPE	EXTERNAL GRID (SDL) Y/N	KEEP EXISTING SILL & FRAME?	BUILD NEW SILL & FRAME? Y/N	EXISTING EDGE DETAIL	NEW EDGE DETAIL	BEDROOM? Y/N	ENERGY EFFICIENT? Y/N	TEMPERED GLASS? Y/N	FIRE HAZARD ZONE? Y/N	WINDOW WITHIN 18" OF FLOOR OR 40" OF DOOR?
A	2	NA (NEW)	24 X 12	NA	WOOD	Y	NA	AWNING	BLOCK	Ν	Y/N NA	Y	NA	STUCCO BULLNOSE	Z	Y	Y	N	Y/N N
В	1	42 X 48	42 X 48	WOOD	WOOD	Y	DOUBLE CASEMENT	DOUBLE CASEMENT	BLOCK	Y	Y	Ν	STUCCO BULLNOSE	STUCCO BULLNOSE	Y	Y	Y	Ν	N
С	1	32 X 78	32 X 60	WOOD	WOOD	Ν	EXTERIOR DOOR	DBL. HUNG	BLOCK	Y	Ν	Y	STUCCO BULLNOSE	STUCCO BULLNOSE	Ν	Y	Y	Ν	N
D	1	31 1/2 X 46	(E) WINDOW TO REMAIN	WOOD	NA	Z	CASEMENT	NA	NA	Y	NA	NA	STUCCO BULLNOSE	NA	Z	NA	NA	NA	N
E	1	12 X 24	(E) WINDOW TO REMAIN	WOOD	NA	Y	FIXED	NA	NA	Ν	NA	NA	STUCCO BULLNOSE	NA	Z	NA	NA	NA	N
F	1	24 X 28	(E) WINDOW TO REMAIN	WOOD	NA	Y	DBL. CASEMENT	NA	NA	Ν	NA	NA	STUCCO BULLNOSE	NA	Z	NA	NA	NA	N
G	1	18 X 30	(E) WINDOW TO REMAIN	WOOD	NA	Y	CASEMENT	NA	NA	Ν	NA	NA	STUCCO BULLNOSE	NA	Z	NA	NA	NA	N
Н	1	24 X 48	(E) WINDOW TO REMAIN	WOOD	NA	Y	CASEMENT	NA	NA	Y	NA	NA	STUCCO BULLNOSE	NA	Y	NA	NA	NA	
I	1	24 X 48	(E) WINDOW TO REMAIN	WOOD	NA	Y	CASEMENT	NA	NA	Y	NA	NA	STUCCO BULLNOSE	NA	Y	NA	NA	NA	N
J	1	48 X 48	(E) WINDOW TO REMAIN	WOOD	NA	Y	DBL. CASEMENT	NA	NA	Y	NA	NA	STUCCO BULLNOSE	NA	Z	NA	NA	NA	N
K	1	48 X 48	(E) WINDOW TO REMAIN	WOOD	NA	Y	DBL. CASEMENT	NA	NA	Y	NA	NA	STUCCO BULLNOSE	NA	Z	NA	NA	NA	Ν
L	1	24 X 24	(E) WINDOW TO REMAIN	WOOD	NA	Y	FIXED	NA	NA	Ν	NA	NA	STUCCO BULLNOSE	NA	Z	NA	NA	NA	N
M	1	24 X 24	(E) WINDOW TO REMAIN	WOOD	NA	Y	FIXED	NA	NA	N	NA	NA	STUCCO BULLNOSE	NA	N	NA	NA	NA	N
N	1	60 X 32	(E) WINDOW TO REMAIN	WOOD	NA	Y	SLIDING	NA	NA	Ν	NA	NA	STUCCO BULLNOSE	NA	Z	NA	NA	NA	N
0	1	42 X 30	(E) WINDOW TO REMAIN	WOOD	NA	Y	FIXED	NA	NA		NA	NA	STUCCO BULLNOSE	NA	N	NA	NA	NA	Z

I. ALL NEW WINDOWS TO BE "TM COBB" WOOD BLOCK FRAME WINDOWS WITH DUAL GLAZING. 2. ALL NEW WINDOWS TO MEET THE FOLLOWING REQUIREMENTS:

VICINITY MAP

0.32 MAXIMUM U-FACTOR (PER CALIFORNIA ENERGY CODE 2022)

0.25 MAXIMUM SOLAR HEAT GAIN COEFFICIENT (SHGC) (PER CALIFORNIA ENERGY

B. OWNER MUST LEAVE NFRC LABELS ON WINDOWS FOR INSPECTION

GLENDALE, CA 91208 OWNER: SHARON ROGERS

DESIGNER:

BUILDING ADDRESS

1733 DON CARLOS AVE.

2. REMODEL (E) BATHROOM/CLOSET AREA = 75 SF

4. ADD (N) EXTERIOR GLASS DOORS AT (E) DINING ROOM, (E) M. BEDROOM, & (N) HOME LIBRARY/

5. REPLACE (E) WINDOW IN FRONT BEDROOM 6. REMOVE INTERIOR WALL AT DINING ROOM/HALL

7. LOWER FLOOR & ELIMINATE TRANSITION AT KITCHEN ISLAND AREA

OCCUPANCY TYPE: R3/U, ONE STORY CONSTRUCTION TYPE: VB FIRE ZONE: NO

LOT SIZE = 5,712 SF (E) RESIDENCE = 1,190 SF + GARAGE (400 SF)

ALLOWABLE LOT COVERAGE = 40% x 5,712 = 2,284 SF

SETBACKS: FRONT = 25'

EAST = 22'-4" REAR = 32'-6"

NOTE: THERE ARE NO OAK OR BAYTREES ON THE LOT OR WITHIN 20' OF THE SITE.

CYNTHIA BENNETT & ASSOCIATES, INC.

1. ADDITION OF 254 SF FOR (N) HOME LIBRARY/GYM

3. INSTALL (N) INSULATION & DRYWALL IN FRONT BEDROOM/OFFICE

PROPERTY BOUNDARY DESCRIPTION:

SELVAS DE VERDUGO LOT 16 BLK 27 ASSESSOR'S ID No. 5653-008-016

PROPERTY TYPE: SINGLE FAMILYRESIDENTIAL ZONING: R1-II

ALLOWABLE FAR = 0.4 X 5,712 = 2,285 SF PROPOSED SF = 1,190 + 254 = 1,444 SF EXISTING LOT COVERAGE = 1,190 + 400 (GARAGE) + 406 (PATIO) = 1,996 SF

PROPOSED LOT COVERAGE = 1,190 + 254 (ADDITION) + 400 (GARAGE) + 438 (PATIO) = 2,282 SF PROPOSED ADDITION HEIGHT = 12'-2" +/-

WEST = 3' TO MATCH (E) HOUSE

(E) LANDSCAPE = 2,999 ; 2,999/5,712 = 53% LANDSCAPE RATIO (N) LANDSCAPE = 2,786 ; 2,786/5,712 = 49% LANDSCAPE RATIO

SEE NEIGHBORS SYCAMORE TREE LOCATION AS PER ARBORISTS REPORT.

INDEX OF DRAWINGS TITLE SHEET

EXISTING SITE & ROOF PLAN PROPOSED SITE & ROOF PLAN

EXISTING FLOOR PLAN

PROPOSED FLOOR PLAN

GENERAL NOTES

ELECTRICAL PLAN EXISTING EXTERIOR ELEVATIONS

STRUCTURAL DETAILS

RESIDENTIAL TITLE 24 SHEET

RESIDENTIAL TITLE 24 SHEET

RESIDENTIAL TITLE 24 SHEET

RESIDENTIAL TITLE 24 SHEET

PROPOSED EXTERIOR ELEVATIONS

2022 CALGREEN RESIDENTIAL PROJECTS

2022 CALGREEN RESIDENTIAL PROJECTS

GENERAL STRUCTURAL NOTES FOUNDATION PLAN STRUCTURAL ENGINEER:

FRAMING PLAN CALCIVIC ENGINEERING, INC. 2160 PARNELL WAY STRUCTURAL DETAILS ALTADENA, CA 91001 calcivicengineering@gmail.com STRUCTURAL DETAILS (626) 798-6644

ENERGY CONSULTANT:

PERFECT DESIGN & INVESTMENT, INC. 2416 W. VALLEY BLVD. ALHAMBRA, CA 91803 perfectaaa2@gmail.com

(626) 289-8808

ERIOR DESIGN CERTIFICATION

REVISIONS

DATE: 8/11/2023

CHECKED:

SCALE: AS SHOWN

TITLE SHEET

NTERIOR DESIGN CERTIFICA \Box

ERIOR DESIGN CERTIFICATION

cynthia

 ω (ν

REVISIONS

8/11/2023 DATE:

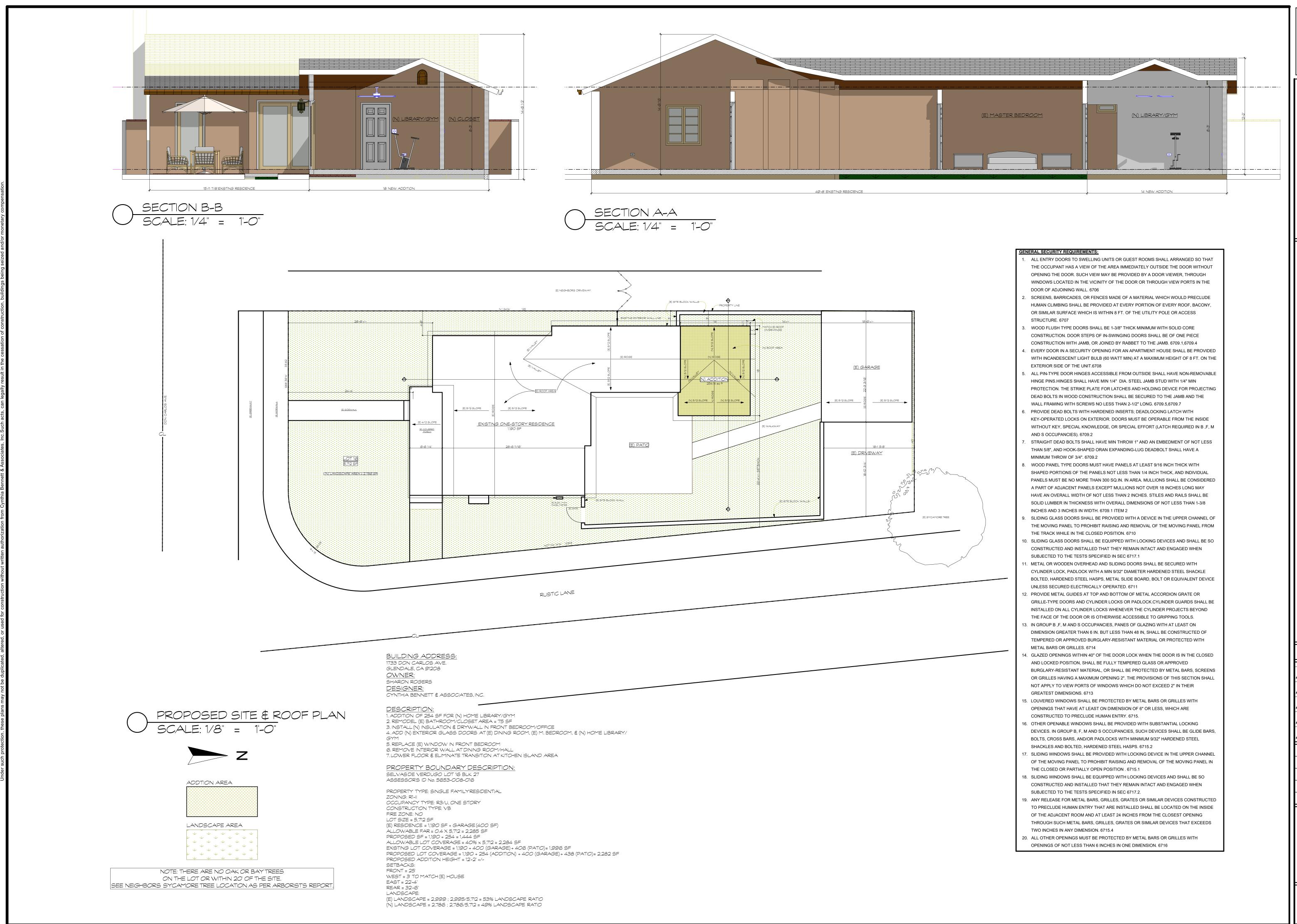
DRAWN: CHECKED:

FOR:

SCALE: AS SHOWN

GENERAL NOTES





INTERIOR DESIGN CERTIFICAT

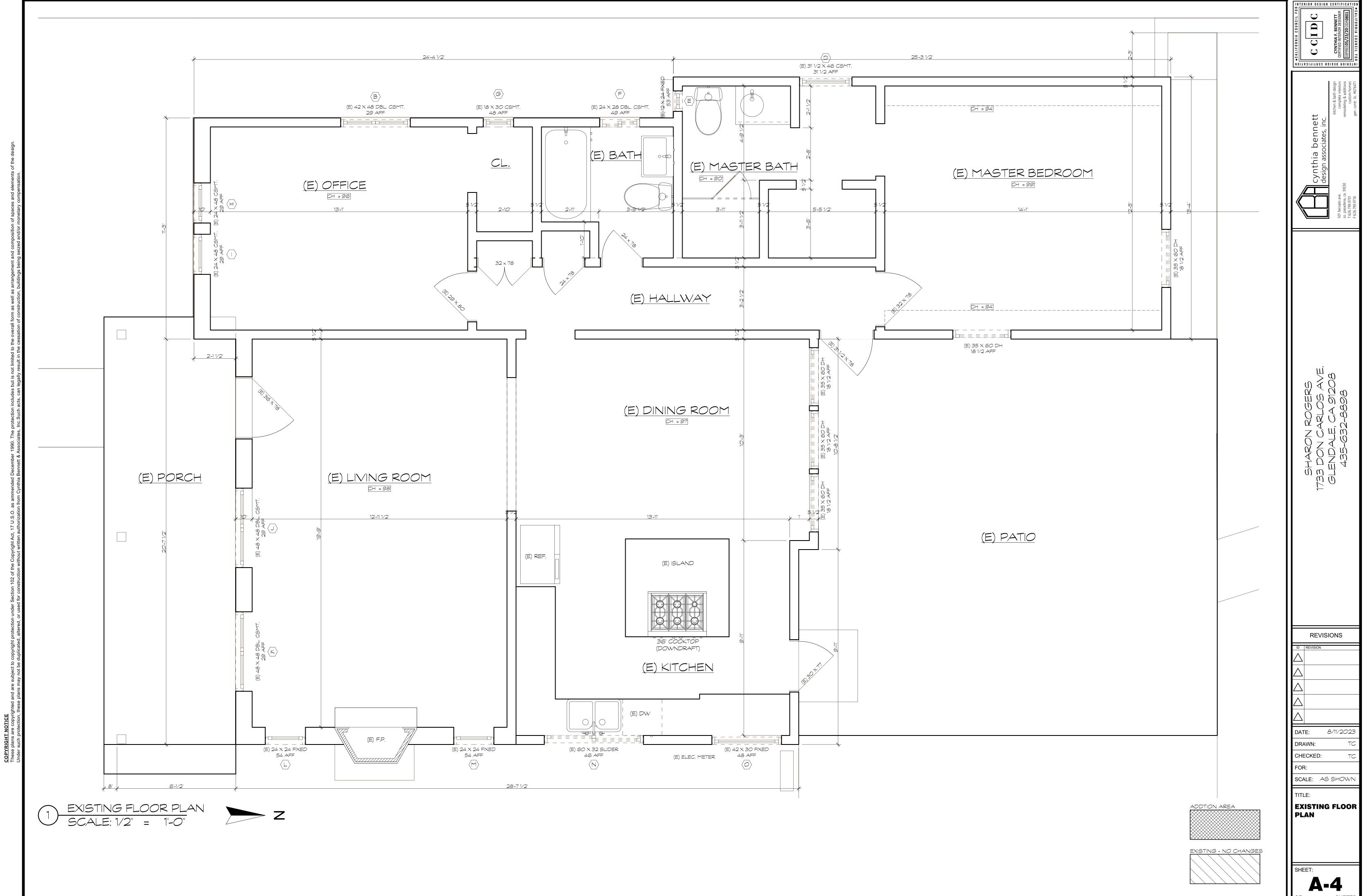
REVISIONS

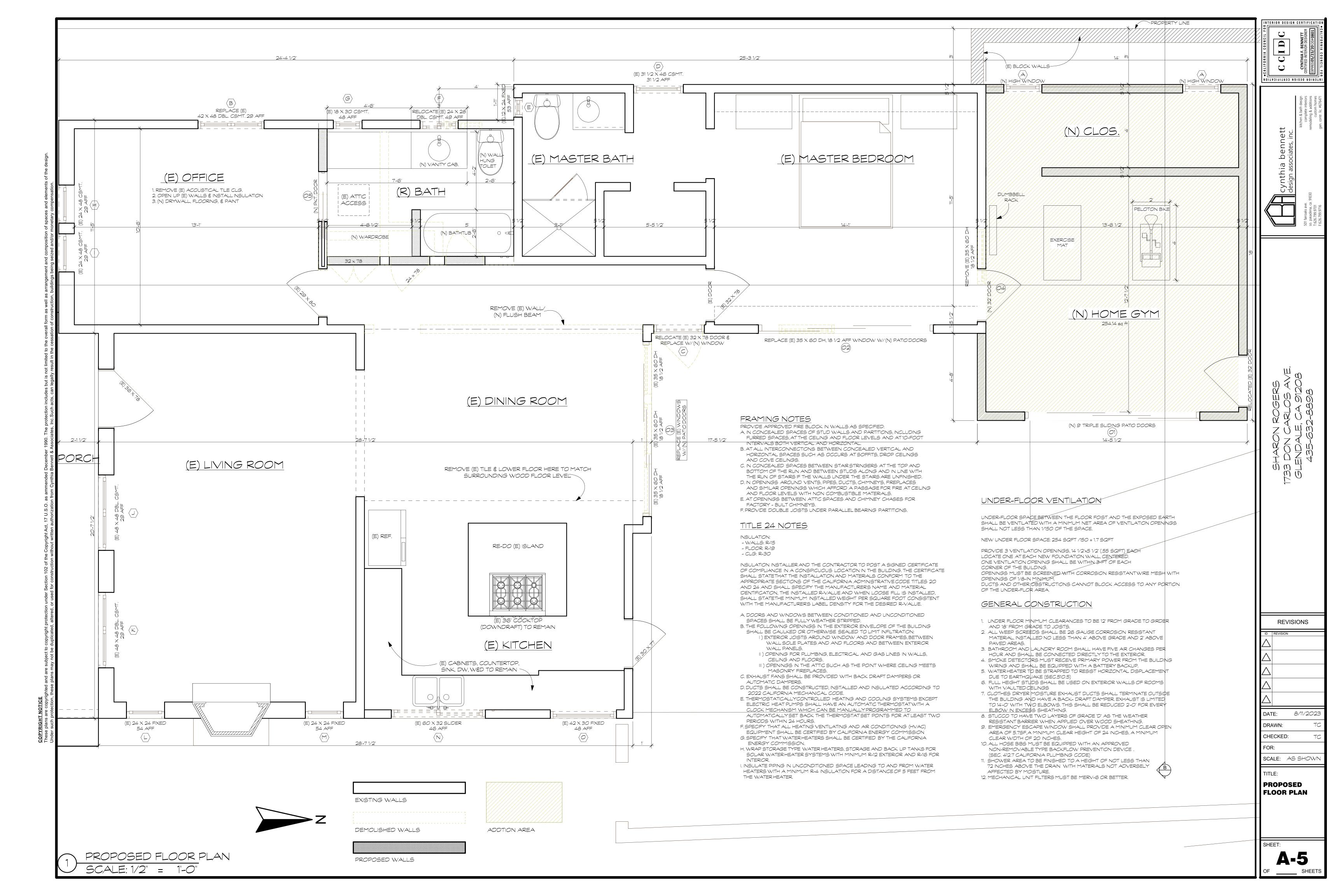
8/11/2023

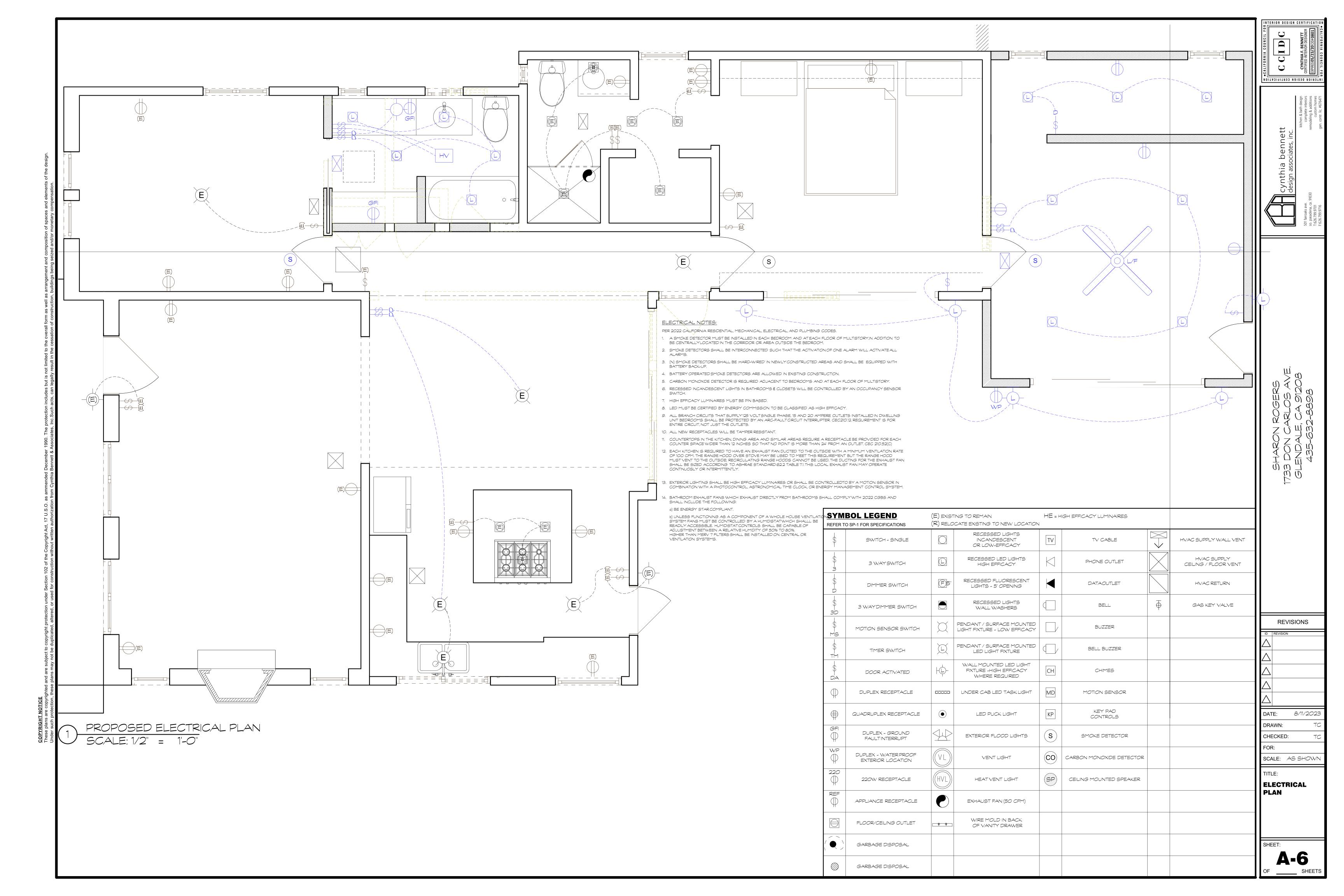
DRAWN: CHECKED:

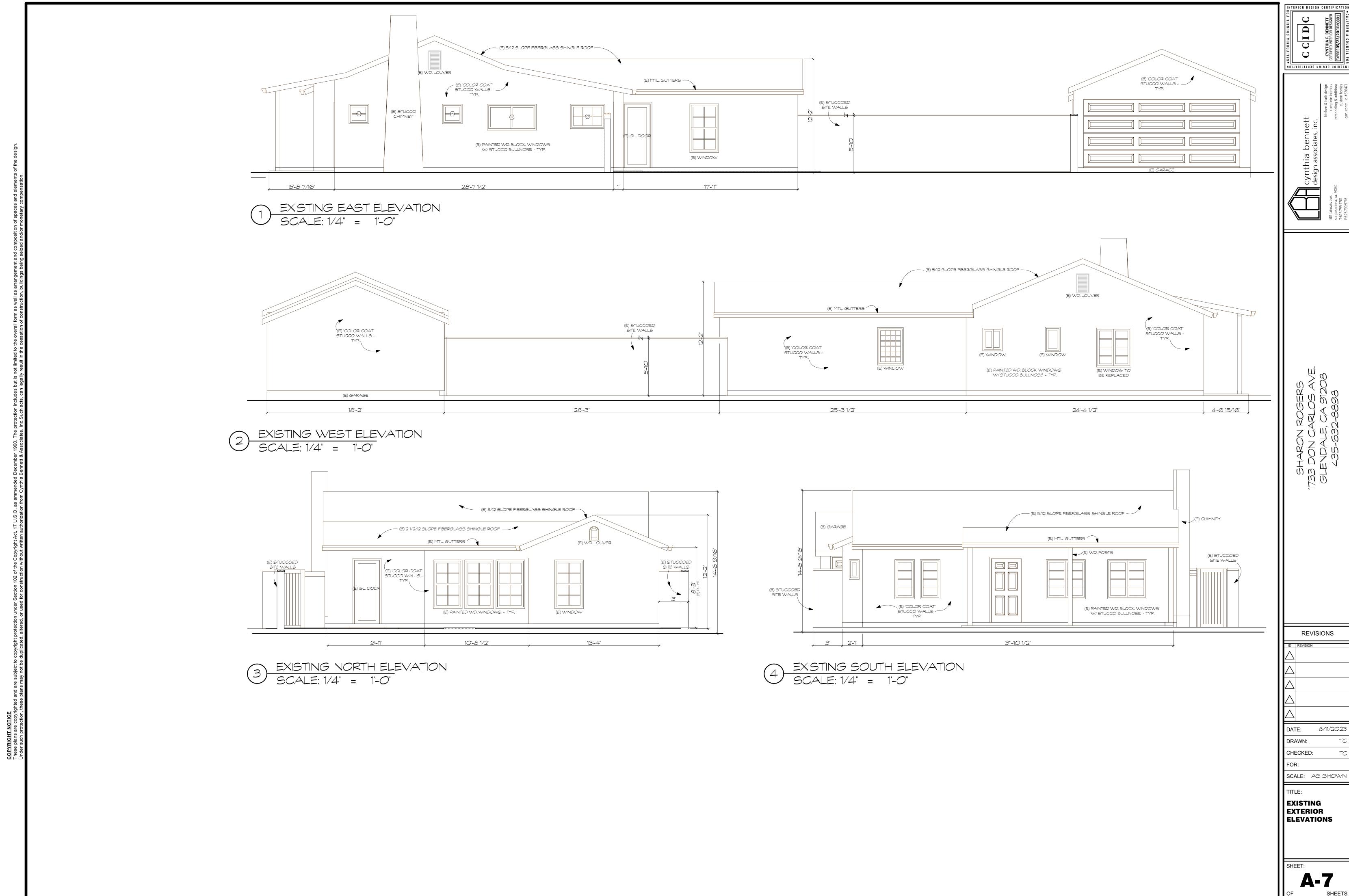
SCALE: AS SHOWN

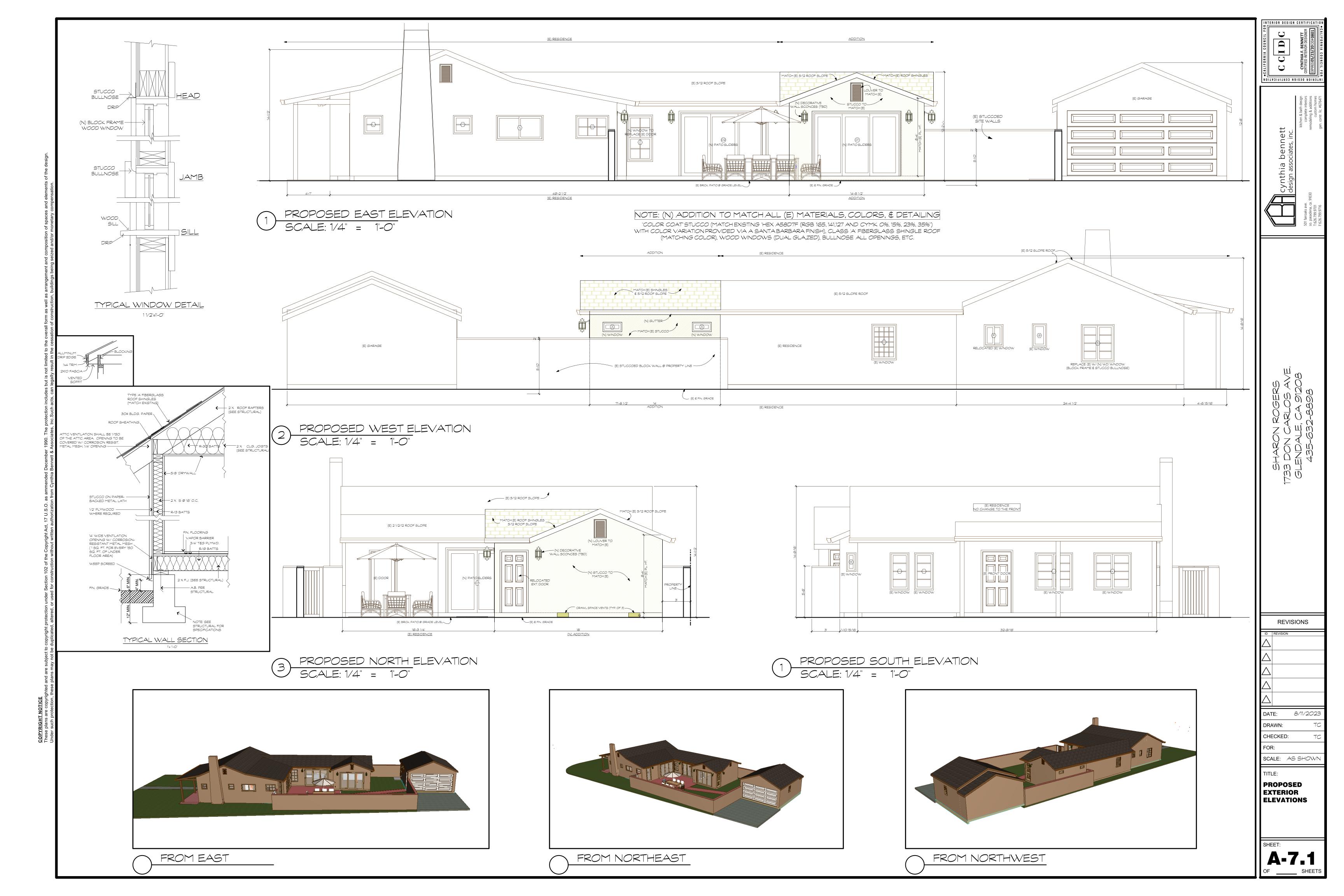
PROPOSED SITE PLAN, ROOF PLAN, & **SECTIONS**











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

California 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

RESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2023)

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

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

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

installed in close proximity to the location or the proposed location of the EV space at the time of original **CHAPTER 3** 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** 4.304 OUTDOOR WATER USE When parking is provided, parking spaces for new multifamily dwellings, hotels and motels shall meet the 4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply with **SECTION 301 GENERAL** requirements of Sections 4.106.4.2.1 and 4.106.4.2.2. Calculations for spaces shall be rounded up to the nearest The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water whole number. A parking space served by electric vehicle supply equipment or designed as a future EV charging future EV charging purposes as "EV CAPABLE" in accordance with the California Electrical Code. Efficient Landscape Ordinance (MWELO), whichever is more stringent. space shall count as at least one standard automobile parking space only for the purpose of complying with any **301.1 SCOPE.** Buildings shall be designed to include the green building measures specified as mandatory in applicable minimum parking space requirements established by a local jurisdiction. See Vehicle Code Section 22511.2 4.106.4.2.5 Electric Vehicle Ready Space Signage. the application checklists contained in this code. Voluntary green building measures are also included in the Electric vehicle ready spaces shall be identified by signage or pavement markings, in compliance with Caltrans application checklists and may be included in the design and construction of structures covered by this code, Traffic Operations Policy Directive 13-01 (Zero Emission Vehicle Signs and Pavement Markings) or its 1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code Regulations, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7. 4.106.4.2.1Multifamily development projects with less than 20 dwelling units; and hotels and motels with less Title 23, Chapter 2.7, Division 2. MWELO and supporting documents, including water budget calculator, are than 20 sleeping units or quest rooms available at: https://www.water.ca.gov/ 301.1.1 Additions and alterations. [HCD] The mandatory provisions of Chapter 4 shall be applied to The number of dwelling units, sleeping units or guest rooms shall be based on all buildings on a project site subject to .106.4.3 Electric vehicle charging for additions and alterations of parking facilities serving existing 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 DIVISION 4.4 MATERIAL CONSERVATION AND RESOURCE When new parking facilities are added, or electrical systems or lighting of existing parking facilities are added or **1.EV Capable.** Ten (10) percent of the total number of parking spaces on a building site, provided for all types altered and the work requires a building permit, ten (10) percent of the total number of parking spaces added or **EFFICIENCY** of parking facilities, shall be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2 altered shall be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2 EVSE. The mandatory provision of Section 4.106.4.2 may apply to additions or alterations of existing parking EVSE. Electrical load calculations shall demonstrate that the electrical panel service capacity and electrical 4.406 ENHANCED DURABILITY AND REDUCED MAINTENANCE facilities or the addition of new parking facilities serving existing multifamily buildings. See Section system, including any on-site distribution transformer(s), have sufficient capacity to simultaneously charge all 4.406.1 RODENT PROOFING. Annular spaces around pipes, electric cables, conduits or other openings in 4.106.4.3 for application EVs at all required EV spaces at a minimum of 40 amperes. sole/bottom plates at exterior walls shall be protected against the passage of rodents by closing such 1. Construction documents are intended to demonstrate the project's capability and capacity for facilitating future Note: Repairs including, but not limited to, resurfacing, restriping and repairing or maintaining existing openings with cement mortar, concrete masonry or a similar method acceptable to the enforcing The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved lighting fixtures are not considered alterations for the purpose of this section. for future EV charging purposes as "EV CAPABLE" in accordance with the California Electrical Code. 2. There is no requirement for EV spaces to be constructed or available until EV chargers are installed for use. Note: On and after January 1, 2014, residential buildings undergoing permitted alterations, additions, or 4.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING improvements shall replace noncompliant plumbing fixtures with water-conserving plumbing fixtures. 4 408 1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65 **DIVISION 4.2 ENERGY EFFICIENCY** Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate percent of the non-hazardous construction and demolition waste in accordance with either Section 1.When EV chargers (Level 2 EVSE) are installed in a number equal to or greater than the required number of occupancy or final permit approval by the local building department. See Civil Code Section 1101.1 4.408.2, 4.408.3 or 4.408.4, or meet a more stringent local construction and demolition waste et seq., for the definition of a noncompliant plumbing fixture, types of residential buildings affected and **4.201.1 SCOPE.** For the purposes of mandatory energy efficiency standards in this code, the California Energy other important enactment dates. 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 301.2 LOW-RISE AND HIGH-RISE RESIDENTIAL BUILDINGS. [HCD] The provisions of DIVISION 4.3 WATER EFFICIENCY AND CONSERVATION Excavated soil and land-clearing debris. individual sections of CALGreen may apply to either low-rise residential buildings high-rise residential Alternate waste reduction methods developed by working with local agencies if diversion or buildings, or both. Individual sections will be designated by banners to indicate where the section applies recycle facilities capable of compliance with this item do not exist or are not located reasonably 4.303.1 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and specifically to low-rise only (LR) or high-rise only (HR). When the section applies to both low-rise and a.Construction documents are intended to demonstrate the project's capability and capacity for facilitating urinals) and fittings (faucets and showerheads) shall comply with the sections 4.303.1.1, 4.303.1.2, 4.303.1.3, high-rise buildings, no banner will be used. . The enforcing agency may make exceptions to the requirements of this section when isolated future EV charging. jobsites are located in areas beyond the haul boundaries of the diversion facility. b.There is no requirement for EV spaces to be constructed or available until receptacles for EV charging or SECTION 302 MIXED OCCUPANCY BUILDINGS Note: All noncompliant plumbing fixtures in any residential real property shall be replaced with water-conserving .408.2 CONSTRUCTION WASTE MANAGEMENT PLAN. Submit a construction waste management plan plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a certificate of final in conformance with Items 1 through 5. The construction waste management plan shall be updated as 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 necessary and shall be available during construction for examination by the enforcing agency 2.EV Ready. Twenty-five (25) percent of the total number of parking spaces shall be equipped with low power Code Section 1101.1, et seq., for the definition of a noncompliant plumbing fixture, types of residential shall comply with the specific green building measures applicable to each specific occupancy. Level 2 EV charging receptacles. For multifamily parking facilities, no more than one receptacle is required per buildings affected and other important enactment dates. Identify the construction and demolition waste materials to be diverted from disposal by recycling, dwelling unit when more than one parking space is provided for use by a single dwelling unit. I. [HCD] Accessory structures and accessory occupancies serving residential buildings shall reuse on the project or salvage for future use or sale. omply with Chapter 4 and Appendix A4, as applicable. 4.303.1.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per Specify if construction and demolition waste materials will be sorted on-site (source separated) or Exception: Areas of parking facilities served by parking lifts. [HCD] For purposes of CALGreen, live/work units, complying with Section 419 of the California flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense bulk mixed (single stream). Building Code, shall not be considered mixed occupancies. Live/Work units shall comply with 3. Identify diversion facilities where the construction and demolition waste material collected will be .106.4.2.2 Multifamily development projects with 20 or more dwelling units, hotels and motels with 20 or moi Chapter 4 and Appendix A4, as applicable. Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume 4. Identify construction methods employed to reduce the amount of construction and demolition waste **DIVISION 4.1 PLANNING AND DESIGN** The number of dwelling units, sleeping units or guest rooms shall be based on all buildings on a project site subject to of two reduced flushes and one full flush . Specify that the amount of construction and demolition waste materials diverted shall be calculated 4.303.1.2 Urinals. The effective flush volume of wall mounted urinals shall not exceed 0.125 gallons per flush. Department of Housing and Community Development 1.EV Capable. Ten (10) percent of the total number of parking spaces on a building site, provided for all types The effective flush volume of all other urinals shall not exceed 0.5 gallons per flush of parking facilities, shall be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2 California Building Standards Commission .408.3 WASTE MANAGEMENT COMPANY. Utilize a waste management company, approved by the EVSE. Electrical load calculations shall demonstrate that the electrical panel service capacity and electrical Division of the State Architect, Structural Safety enforcing agency, which can provide verifiable documentation that the percentage of construction and system, including any on-site distribution transformer(s), have sufficient capacity to simultaneously charge all OSHPD Office of Statewide Health Planning and Development demolition waste material diverted from the landfill complies with Section 4.408.1. EVs at all required EV spaces at a minimum of 40 amperes. Low Rise 4.303.1.3.1 Single Showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 High Rise gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA Note: The owner or contractor may make the determination if the construction and demolition waste The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved Additions and Alterations materials will be diverted by a waste management company. for future EV charging purposes as "EV CAPABLE" in accordance with the California Electrical Code. **4.303.1.3.2 Multiple showerheads serving one shower**. When a shower is served by more than one 408.4 WASTE STREAM REDUCTION ALTERNATIVE [LR]. Projects that generate a total combined Exception: When EV chargers (Level 2 EVSE) are installed in a number greater than five (5) percent of showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by weight of construction and demolition waste disposed of in landfills, which do not exceed 3.4 parking spaces required by Section 4.106.4.2.2, Item 3, the number of EV capable spaces required may be a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to only lbs./sq.ft. of the building area shall meet the minimum 65% construction waste reduction requirement in reduced by a number equal to the number of EV chargers installed over the five (5) percent required. RESIDENTIAL MANDATORY MEASURES allow one shower outlet to be in operation at a time. Note: A hand-held shower shall be considered a showerhead. **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 **SECTION 4.102 DEFINITIONS** a. Construction documents shall show locations of future EV spaces. 4.303.1.4 Faucets. per square foot of the building area, shall meet the minimum 65% construction waste reduction 4.102.1 DEFINITIONS requirement in Section 4 408 1 The following terms are defined in Chapter 2 (and are included here for reference) b.There is no requirement for EV spaces to be constructed or available until receptacles for EV charging or 4.303.1.4.1 Residential Lavatory Faucets. The maximum flow rate of residential lavatory faucets shall EV chargers are installed for use not exceed 1.2 gallons per minute at 60 psi. The minimum flow rate of residential lavatory faucets shall **I.408.5 DOCUMENTATION**. Documentation shall be provided to the enforcing agency which demonstrates FRENCH DRAIN. A trench, hole or other depressed area loosely filled with rock, gravel, fragments of brick or similar not be less than 0.8 gallons per minute at 20 psi. compliance with Section 4.408.2, 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 pervious material used to collect or channel drainage or runoff water. Level 2 EV charging receptacles. For multifamily parking facilities, no more than one receptacle is required per 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 dwelling unit when more than one parking space is provided for use by a single dwelling unit. 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 1. Sample forms found in "A Guide to the California Green Building Standards Code buildings shall not exceed 0.5 gallons per minute at 60 psi. used for perimeter and inlet controls. Exception: Areas of parking facilities served by parking lifts. (Residential)" located at www.hcd.ca.gov/CALGreen.html may be used to assist in 4.303.1.4.3 Metering Faucets. Metering faucets when installed in residential buildings shall not deliver documenting compliance with this section. **4.106 SITE DEVELOPMENT** 3.EV Chargers. Five (5) percent of the total number of parking spaces shall be equipped with Level 2 EVSE. Mixed construction and demolition debris (C & D) processors can be located at the California and use of available natural resources shall be accomplished through evaluation Department of Resources Recycling and Recovery (CalRecycle). and careful planning to minimize negative effects on the site and adjacent areas. Preservation of slopes, 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 gallons management of storm water drainage and erosion controls shall comply with this section. 4.410 BUILDING MAINTENANCE AND OPERATION per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not When low power Level 2 EV charging receptacles or Level 2 EVSE are installed beyond the minimum required, to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per 4.410.1 OPERATION AND MAINTENANCE MANUAL. At the time of final inspection, a manual, compact 1.106.2 STORM WATER DRAINAGE AND RETENTION DURING CONSTRUCTION. Projects which disturb less an automatic load management system (ALMS) may be used to reduce the maximum required electrical disc, web-based reference or other media acceptable to the enforcing agency which includes all of the than one acre of soil and are not part of a larger common plan of development which in total disturbs one acre capacity to each space served by the ALMS. The electrical system and any on-site distribution transformers following shall be placed in the building: or more, shall manage storm water drainage during construction. In order to manage storm water drainage shall have sufficient capacity to deliver at least 3.3 kW simultaneously to each EV charging station (EVCS) Note: Where complying faucets are unavailable, aerators or other means may be used to achieve during construction, one or more of the following measures shall be implemented to prevent flooding of adjacent served by the ALMS. The branch circuit shall have a minimum capacity of 40 amperes, and installed EVSE shall 1. Directions to the owner or occupant that the manual shall remain with the building throughout the have a capacity of not less than 30 amperes. ALMS shall not be used to reduce the minimum required electrical property, prevent erosion and retain soil runoff on the site. life cycle of the structure. capacity to the required EV capable spaces. 4.303.1.4.5 Pre-rinse spray valves. 2. Operation and maintenance instructions for the following: . Retention basins of sufficient size shall be utilized to retain storm water on the site. When installed, shall meet the requirements in the California Code of Regulations, Title 20 (Appliance a. Equipment and appliances, including water-saving devices and systems, HVAC systems, 2. Where storm water is conveyed to a public drainage system, collection point, gutter or similar 4.106.4.2.2.1 Electric vehicle charging stations (EVCS). Efficiency Regulations), Sections 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607 photovoltaic systems, electric vehicle chargers, water-heating systems and other major disposal method, water shall be filtered by use of a barrier system, wattle or other method approved Electric vehicle charging stations required by Section 4.106.4.2.2, Item 3, shall comply with Section 4.106.4.2.2.1. (d)(7) and shall be equipped with an integral automatic shutoff. appliances and equipment. by the enforcing agency. b. Roof and yard drainage, including gutters and downspouts. 3. Compliance with a lawfully enacted storm water management ordinance. Exception: Electric vehicle charging stations serving public accommodations, public housing, motels and hotels FOR REFERENCE ONLY: The following table and code section have been reprinted from the California Space conditioning systems, including condensers and air filters. shall not be required to comply with this section. See California Building Code, Chapter 11B, for applicable Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) and Section d. Landscape irrigation systems. Note: Refer to the State Water Resources Control Board for projects which disturb one acre or more of soil, or Water reuse systems are part of a larger common plan of development which in total disturbs one acre or more of soil. Information from local utility, water and waste recovery providers on methods to further reduce resource consumption, including recycle programs and locations. 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 4. Public transportation and/or carpool options available in the area. Educational material on the positive impacts of an interior relative humidity between 30-60 percent 1.106.3 GRADING AND PAVING. Construction plans shall indicate how the site grading or drainage system will 1.The charging space shall be located adjacent to an accessible parking space meeting the requirements of and what methods an occupant may use to maintain the relative humidity level in that range. manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface the California Building Code, Chapter 11A, to allow use of the EV charger from the accessible parking space. STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY 6. Information about water-conserving landscape and irrigation design and controllers which conserve water include, but are not limited to, the following: 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, 7. Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5 feet away from the foundation. . Water collection and disposal systems MAXIMUM FLOW RATE (gpm) 8. Information on required routine maintenance measures, including, but not limited to, caulking, . French drains Exception: Electric vehicle charging stations designed and constructed in compliance with the California [spray force in ounce force (ozf)] painting, grading around the building, etc. Water retention gardens Building Code, Chapter 11B, are not required to comply with Section 4.106.4.2.2.1.1 and Section Information about state solar energy and incentive programs available. 5. Other water measures which keep surface water away from buildings and aid in groundwater Product Class 1 (≤ 5.0 ozf) 10. A copy of all special inspections verifications required by the enforcing agency or this code. 1.00 11. Information from the Department of Forestry and Fire Protection on maintenance of defensible 4.106.4.2.2.1.2 Electric vehicle charging stations (EVCS) dimensions. space around residential structures. **Exception**: Additions and alterations not altering the drainage path. The charging spaces shall be designed to comply with the following: Product Class 2 (> 5.0 ozf and \leq 8.0 ozf) 1.20 12. Information and/or drawings identifying the location of grab bar reinforcements. Product Class 3 (> 8.0 ozf) 1.106.4 Electric vehicle (EV) charging for new construction. New construction shall comply with Sections 1. The minimum length of each EV space shall be 18 feet (5486 mm). **4.410.2 RECYCLING BY OCCUPANTS.** Where 5 or more multifamily dwelling units are constructed on a 4.106.4.1 or 4.106.4.2 to facilitate future installation and use of EV chargers. Electric vehicle supply Title 20 Section 1605.3 (h)(4)(A): Commercial prerinse spray values manufactured on or after January building site, provide readily accessible area(s) that serves all buildings on the site and are identified for the equipment (EVSE) shall be installed in accordance with the California Electrical Code, Article 625. 2. The minimum width of each EV space shall be 9 feet (2743 mm). 1, 2006, shall have a minimum spray force of not less than 4.0 ounces-force (ozf)[113 grams-force(gf)] 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 3.One in every 25 charging spaces, but not less than one, shall also have an 8-foot (2438 mm) wide minimum 4.303.2 Submeters for multifamily buildings and dwelling units in mixed-used residential/commercial ordinance, if more restrictive. 1. On a case-by-case basis, where the local enforcing agency has determined EV charging and aisle. A 5-foot (1524 mm) wide minimum aisle shall be permitted provided the minimum width of the EV space is 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 **Exception:** Rural jurisdictions that meet and apply for the exemption in Public Resources Code Section 1.1 Where there is no local utility power supply or the local utility is unable to supply adequate California Plumbing Code. 42649.82 (a)(2)(A) et seq. are note required to comply with the organic waste portion of a.Surface slope for this EV space and the aisle shall not exceed 1 unit vertical in 48 units horizontal (2.083 1.2 Where there is evidence suitable to the local enforcing agency substantiating that additional **I.303.3 Standards for plumbing fixtures and fittings.** Plumbing fixtures and fittings shall be installed in 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 4.106.4.2.2.1.3 Accessible EV spaces. 4.106.4, may adversely impact the construction cost of the project. 1701.1 of the California Plumbing Code. 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 2. Accessory Dwelling Units (ADU) and Junior Accessory Dwelling Units (JADU) without additional **DIVISION 4.5 ENVIRONMENTAL QUALITY** 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 **SECTION 4.501 GENERAL** 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 The provisions of this chapter shall outline means of reducing the quality of air contaminants that are odorous, dwelling unit, install a listed raceway to accommodate a dedicated 208/240-volt branch circuit. The raceway 4.106.4.2.3 EV space requirements. TABLE - MAXIMUM FIXTURE WATER USE irritating and/or harmful to the comfort and well being of a building's installers, occupants and neighbors. shall not be less than trade size 1 (nominal 1-inch inside diameter). The raceway shall originate at the main 1. Single EV space required. Install a listed raceway capable of accommodating a 208/240-volt dedicated branch service or subpanel and shall terminate into a listed cabinet, box or other enclosure in close proximity to the circuit. The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter). The raceway shall SECTION 4.502 DEFINITIONS proposed location of an EV charger. Raceways are required to be continuous at enclosed, inaccessible or originate at the main service or subpanel and shall terminate into a listed cabinet, box or enclosure in close concealed areas and spaces. The service panel and/or subpanel shall provide capacity to install a 40-ampere proximity to the location or the proposed location of the EV space. Construction documents shall identify the SHOWER HEADS (RESIDENTIAL) 1.8 GMP @ 80 PSI The following terms are defined in Chapter 2 (and are included here for reference) 208/240-volt minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit raceway termination point, receptacle or charger location, as applicable. The service panel and/ or subpanel shall have a 40-ampere minimum dedicated branch circuit, including branch circuit overcurrent protective device overcurrent protective device. **AGRIFIBER PRODUCTS.** Agrifiber products include wheatboard, strawboard, panel substrates and door MAX. 1.2 GPM @ 60 PSI MIN. 0.8 GPM @ 20 installed, or space(s) reserved to permit installation of a branch circuit overcurrent protective device. LAVATORY FAUCETS (RESIDENTIAL) cores, not including furniture, fixtures and equipment (FF&E) not considered base building elements. Exemption: 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 Exception: A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is LAVATORY FAUCETS IN COMMON & PUBLIC COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and accordance with the California Electrical Code. installed in close proximity to the location or the proposed location of the EV space, at the time of original 0.5 GPM @ 60 PSI medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood. USE AREAS construction in accordance with the California Electrical Code. structural panels, structural composite lumber, oriented strand board, glued laminated timber, prefabricated 4.106.4.1.1 Identification. The service panel or subpanel circuit directory shall identify the overcurrent KITCHEN FAUCETS 1.8 GPM @ 60 PSI wood I-joists or finger-jointed lumber, all as specified in California Code of regulations (CCR), title 17, Section protective device space(s) reserved for future EV charging as "EV CAPABLE". The raceway termination 2.Multiple EV spaces required. Construction documents shall indicate the raceway termination point and the

METERING FAUCETS

WATER CLOSET

JRINALS

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED 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.

0.2 GAL/CYCLE

1.28 GAL/FLUSH

0.125 GAL/FLUSH

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.

NTERIOR DESIGN CERTIFICA

REVISIONS

8/11/2023

DRAWN: HECKED:

SCALE: AS SHOWN

2022 CALGREEN RESIDENTIAL

PROJECTS

California 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

RESIDENTIAL MANDATORY MEASURES, SHEET 2 (January 2023)

TABLE 4.504.2 - SEALANT VOC LIMIT TABLE 4.504.5 - FORMALDEHYDE LIMITS INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base Reactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to (Less Water and Less Exempt Compounds in Grams per Liter) MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION hundredths of a gram (g O3/g ROC). **702 QUALIFICATIONS** Note: MIR values for individual compounds and hydrocarbon solvents are specified in CCR, Title 17, Sections 94700 VOC LIMIT PRODUCT **CURRENT LIMIT** 702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper 250 ARCHITECTURAL HARDWOOD PLYWOOD VENEER CORE 0.05 installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and MOISTURE CONTENT. The weight of the water in wood expressed in percentage of the weight of the oven-dry wood. MARINE DECK HARDWOOD PLYWOOD COMPOSITE CORE 0.05 responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this NONMEMBRANE ROOF 300 PARTICLE BOARD 0.09 Examples of acceptable HVAC training and certification programs include but are not limited to the following: article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of MEDIUM DENSITY FIBERBOARD 0.11 product (excluding container and packaging). State certified apprenticeship programs. Note: PWMIR is calculated according to equations found in CCR, Title 17, Section 94521 (a). Public utility training programs. SINGLE-PLY ROOF MEMBRANE 450 0.13 THIN MEDIUM DENSITY FIBERBOARD2 Training programs sponsored by trade, labor or statewide energy consulting or verification organizations. . Programs sponsored by manufacturing organizations. REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to 1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED 5. Other programs acceptable to the enforcing agency. BY THE CALIF. AIR RESOURCES BOARD, AIR TOXICS CONTROL SEALANT PRIMERS MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE **702.2 SPECIAL INSPECTION [HCD].** When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or VOC. A volatile organic compound (VOC) broadly defined as a chemical compound based on carbon chains or rings WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIF. ARCHITECTURAL with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a). NON-POROUS 93120.12. to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to 2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be 775 POROUS 4.503.1 GENERAL. Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed considered by the enforcing agency when evaluating the qualifications of a special inspector: THICKNESS OF 5/16" (8 MM). MODIFIED BITUMINOUS woodstove or pellet stove shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. Woodstoves, Certification by a national or regional green building program or standard publisher. MARINE DECK pellet stoves and fireplaces shall also comply with applicable local ordinances. 2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building DIVISION 4.5 ENVIRONMENTAL QUALITY (continued) performance contractors, and home energy auditors. OTHER **4.504.3 CARPET SYSTEMS.** All carpet installed in the building interior shall meet the requirements of the California 4.504 POLLUTANT CONTROL
4.504.1 COVERING OF DUCT OPENINGS & PROTECTION OF MECHANICAL EQUIPMENT DURING Successful completion of a third party apprentice training program in the appropriate trade. Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions 4. Other programs acceptable to the enforcing agency. from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for **CONSTRUCTION.** At the time of rough installation, during storage on the construction site and until final California Specification 01350) startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component 1. Special inspectors shall be independent entities with no financial interest in the materials or the openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to See California Department of Public Health's website for certification programs and testing labs. reduce the amount of water, dust or debris which may enter the system. project they are inspecting for compliance with this code. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate nttps://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx. 4.504.2 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with this section. homes in California according to the Home Energy Rating System (HERS). TABLE 4.504.3 - VOC CONTENT LIMITS FOR **4.504.3.1 Carpet cushion.** All carpet cushion installed in the building interior shall meet the requirements of the [BSC] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall 4.504.2.1 Adhesives, Sealants and Caulks. Adhesives, sealant and caulks used on the project shall meet the ARCHITECTURAL COATINGS2.3 California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic requirements of the following standards unless more stringent local or regional air pollution or air quality employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the management district rules apply: GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMP (Emission testing method for California Specification 01350) particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification 1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks See California Department of Public Health's website for certification programs and testing labs. shall comply with local or regional air pollution control or air quality management district rules where **COATING CATEGORY** VOC LIMIT shall be closely related to the primary job function, as determined by the local agency applicable or SCAQMD Rule 1168 VOC limits, as shown in Table 4.504.1 or 4.504.2, as applicable. FLAT COATINGS https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx **Note:** Special inspectors shall be independent entities with no financial interest in the materials or the Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and project they are inspecting for compliance with this code. NON-FLAT COATINGS 100 4.504.3.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 4.504.1. tricloroethylene), except for aerosol products, as specified in Subsection 2 below. NONFLAT-HIGH GLOSS COATINGS 150 .504.4 RESILIENT FLOORING SYSTEMS. Where resilient flooring is installed, at least 80% of floor area receiving 2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (ir 703 VERIFICATIONS esilient flooring shall meet the requirements of the California Department of Public Health, "Standard Method for the **SPECIALTY COATINGS** units of product, less packaging, which do not weigh more than 1 pound and do not consist of more esting and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers,' **703.1 DOCUMENTATION.** Documentation used to show compliance with this code shall include but is not than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including ALUMINUM ROOF COATINGS prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17. Version 1.2, January 2017 (Emission testing method for California Specification 01350) limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific commencing with section 94507. BASEMENT SPECIALTY COATINGS 400 See California Department of Public Health's website for certification programs and testing labs. documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist. **4.504.2.2 Paints and Coatings.** Architectural paints and coatings shall comply with VOC limits in Table 1 of BITUMINOUS ROOF COATINGS hhtps://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx. the ARB Architectural Suggested Control Measure, as shown in Table 4.504.3, unless more stringent local limits **BITUMINOUS ROOF PRIMERS** 350 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, Nonflat or Nonflat-High Gloss BOND BREAKERS 350 4.504.5 COMPOSITE WOOD PRODUCTS. Hardwood plywood, particleboard and medium density fiberboard coating, based on its gloss, as defined in subsections 4.21, 4.36, and 4.37 of the 2007 California Air Resources composite wood products used on the interior or exterior of the buildings shall meet the requirements for Board, Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in CONCRETE CURING COMPOUNDS 350 formaldehyde as specified in ARB's Air Toxics Control Measure for Composite Wood (17 CCR 93120 et seq.), by or before the dates specified in those sections, as shown in Table 4.504.5 CONCRETE/MASONRY SEALERS 100 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and coatings shall meet the Product-weighted MIR **4.504.5.1 Documentation.** Verification of compliance with this section shall be provided as requested DRIVEWAY SEALERS Limits for ROC in Section 94522(a)(2) and other requirements, including prohibitions on use of certain toxic by the enforcing agency. Documentation shall include at least one of the following: compounds and ozone depleting substances, in Sections 94522(e)(1) and (f)(1) of California Code of DRY FOG COATINGS 150 Regulations. Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air 1. Product certifications and specifications. Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation FAUX FINISHING COATINGS 350 2. Chain of custody certifications. 3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see FIRE RESISTIVE COATINGS 350 CCR, Title 17, Section 93120, et seq.). 4.504.2.4 Verification. Verification of compliance with this section shall be provided at the request of the LOOR COATINGS 4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered enforcing agency. Documentation may include, but is not limited to, the following: Wood Association, the Australian AS/NZS 2269, European 636 3S standards, and Canadian CSA FORM-RELEASE COMPOUNDS 0121, CSA 0151, CSA 0153 and CSA 0325 standards. Manufacturer's product specification. 5. Other methods acceptable to the enforcing agency. 2. Field verification of on-site product containers GRAPHIC ARTS COATINGS (SIGN PAINTS) HIGH TEMPERATURE COATINGS 4.505 INTERIOR MOISTURE CONTROL INDUSTRIAL MAINTENANCE COATINGS 250 TABLE 4.504.1 - ADHESIVE VOC LIMIT_{1,2} 4.505.1 General. Buildings shall meet or exceed the provisions of the California Building Standards Code. LOW SOLIDS COATINGS 120 (Less Water and Less Exempt Compounds in Grams per Liter) 4.505.2 CONCRETE SLAB FOUNDATIONS. Concrete slab foundations required to have a vapor retarder by MAGNESITE CEMENT COATINGS 450 California Building Code, Chapter 19, or concrete slab-on-ground floors required to have a vapor retarder by the ARCHITECTURAL APPLICATIONS California Residential Code, Chapter 5, shall also comply with this section. MASTIC TEXTURE COATINGS 100 INDOOR CARPET ADHESIVES **4.505.2.1 Capillary break.** A capillary break shall be installed in compliance with at least one of the METALLIC PIGMENTED COATINGS 500 CARPET PAD ADHESIVES MULTICOLOR COATINGS 250 OUTDOOR CARPET ADHESIVES 1. A 4-inch (101.6 mm) thick base of 1/2 inch (12.7mm) or larger clean aggregate shall be provided with PRETREATMENT WASH PRIMERS 420 a vapor barrier in direct contact with concrete and a concrete mix design, which will address bleeding, WOOD FLOORING ADHESIVES shrinkage, and curling, shall be used. For additional information, see American Concrete Institute, PRIMERS. SEALERS. & UNDERCOATERS 100 RUBBER FLOOR ADHESIVES REACTIVE PENETRATING SEALERS 2. Other equivalent methods approved by the enforcing agency. 350 SUBFLOOR ADHESIVES 3. A slab design specified by a licensed design professional. RECYCLED COATINGS 250 CERAMIC TILE ADHESIVES **4.505.3 MOISTURE CONTENT OF BUILDING MATERIALS.** Building materials with visible signs of water damage ROOF COATINGS shall not be installed. Wall and floor framing shall not be enclosed when the framing members exceed 19 percent VCT & ASPHALT TILE ADHESIVES RUST PREVENTATIVE COATINGS noisture content. Moisture content shall be verified in compliance with the following: 250 DRYWALL & PANEL ADHESIVES SHELLACS 1. Moisture content shall be determined with either a probe-type or contact-type moisture meter. Equivalent COVE BASE ADHESIVES moisture verification methods may be approved by the enforcing agency and shall satisfy requirements CLEAR MULTIPURPOSE CONSTRUCTION ADHESIVE 2. Moisture readings shall be taken at a point 2 feet (610 mm) to 4 feet (1219 mm) from the grade stamped end OPAQUE 550 of each piece verified. STRUCTURAL GLAZING ADHESIVES SPECIALTY PRIMERS, SEALERS & 3. At least three random moisture readings shall be performed on wall and floor framing with documentation SINGLE-PLY ROOF MEMBRANE ADHESIVES acceptable to the enforcing agency provided at the time of approval to enclose the wall and floor framing. 250 UNDERCOATERS OTHER ADHESIVES NOT LISTED 250 nsulation 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 STONE CONSOLIDANTS SPECIALTY APPLICATIONS recommendations prior to enclosure. SWIMMING POOL COATINGS PVC WELDING 340 4.506 INDOOR AIR QUALITY AND EXHAUST TRAFFIC MARKING COATINGS **4.506.1 Bathroom exhaust fans.** Each bathroom shall be mechanically ventilated and shall comply with the 100 CPVC WELDING TUB & TILE REFINISH COATINGS 420 ABS WELDING 1. Fans shall be ENERGY STAR compliant and be ducted to terminate outside the building. WATERPROOFING MEMBRANES 250 PLASTIC CEMENT WELDING 2. Unless functioning as a component of a whole house ventilation system, fans must be controlled by a ADHESIVE PRIMER FOR PLASTIC WOOD COATINGS WOOD PRESERVATIVES 350 CONTACT ADHESIVE a. Humidity controls shall be capable of adjustment between a relative humidity range less than or equal to 50% to a maximum of 80%. A humidity control may utilize manual or automatic means of SPECIAL PURPOSE CONTACT ADHESIVE ZINC-RICH PRIMERS b. A humidity control may be a separate component to the exhaust fan and is not required to be 1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & STRUCTURAL WOOD MEMBER ADHESIVE integral (i.e., built-in) EXEMPT COMPOUNDS TOP & TRIM ADHESIVE 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS SUBSTRATE SPECIFIC APPLICATIONS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE. 1. For the purposes of this section, a bathroom is a room which contains a bathtub, shower or METAL TO METAL 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS 2. Lighting integral to bathroom exhaust fans shall comply with the California Energy Code. PLASTIC FOAMS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS 4.507 ENVIRONMENTAL COMFORT
4.507.2 HEATING AND AIR-CONDITIONING SYSTEM DESIGN. Heating and air conditioning systems shall be AVAILABLE FROM THE AIR RESOURCES BOARD. POROUS MATERIAL (EXCEPT WOOD) WOOD sized, designed and have their equipment selected using the following methods: FIBERGLASS 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 1 Manual D - 2014 (Residential Duct Systems), ASHRAE handbooks or other equivalent design software or methods. 1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, 3. Select heating and cooling equipment according to ANSI/ACCA 3 Manual S - 2014 (Residential THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED. Equipment Selection), or other equivalent design software or methods. 2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE **Exception:** Use of alternate design temperatures necessary to ensure the system functions are THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE CALIFORNIA GREEN BUILDING VERIFICATION WITH THE FULL CODE.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE FULL CODE.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE CALIFORNIA GREEN BUILDING VERIFICATION WITH THE FULL CODE.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE FULL CODE.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE CALIFORNIA GREEN BUILDING VERIFICATION WITH THE FULL CODE.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE FULL CODE.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE FULL CODE.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE FULL CODE.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE FULL CODE.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE FULL CODE.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE PROVIDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE PROVIDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE PROVIDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE PROVIDED TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE VARIABLES BUILDING VERIFICATION WITH THE VARIABLES BUILDING VERIFICATION WITH THE VARIABLE BUILDING VERIF

NTERIOR DESIGN CERTIFICA

8/11/2023

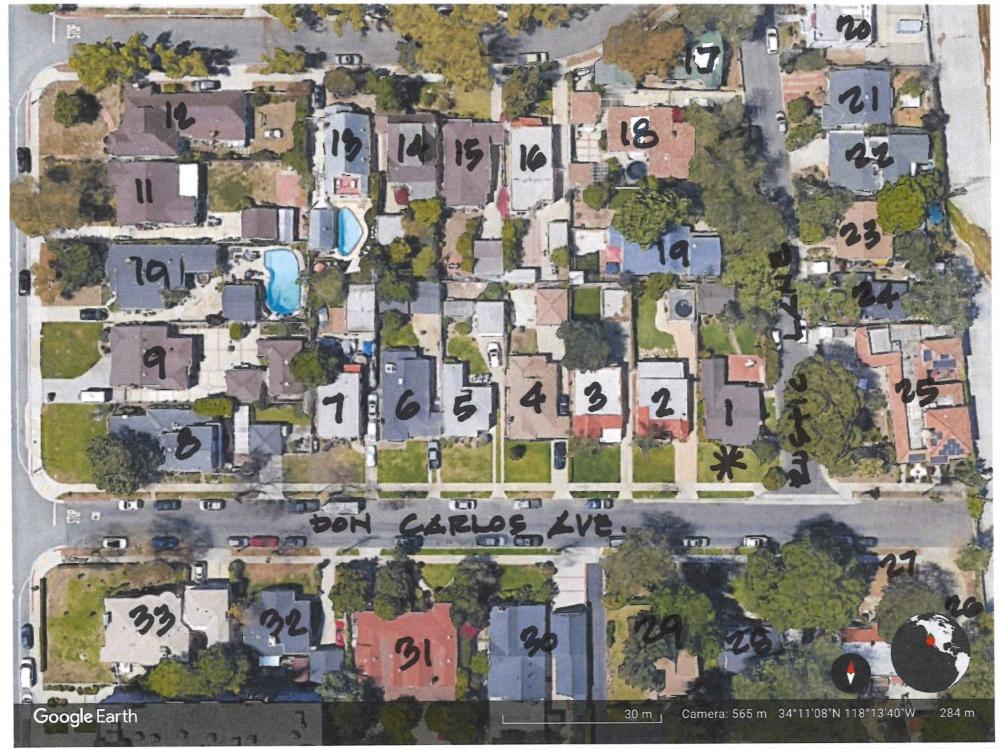
SCALE: AS SHOWN

CHECKED:

2022 CALGREEN RESIDENTIAL **PROJECTS**

Exhibit 2 - Neighborhood Survey/Photos

Photo#	Street Address	Stories	Setback	House	Lot	FAR
pic 1.1733						
(Subject property)	1733 Don Carlos Ave.	1	25	1435	5650	0.25
pic 2.1729	1729 Don Carlos Ave.	1	25	1131	5000	0.23
pic 3.1727	1727 Don Carlos Ave.	1	25	1198	5000	0.24
pic 4.1723	1723 Don Carlos Ave.	1	25	1209	5000	0.24
pic 5.1719	1719 Don Carlos Ave.	1	25	957	5000	0.19
pic 6.1717	1717 Don Carlos Ave.	1	25	1309	5000	0.26
pic 7.1713	1713 Don Carlos Ave.	1	25	956	5000	0.19
pic 8.2700	2700 Canada Blvd	2	35	2362	7500	0.31
pic 9.2704	2704 Canada Blvd	1	35	1383	7500	0.18
pic 10.2708	2708 Canada Blvd	1	35	1802	7500	0.24
pic 11.2712	2712 Canada Blvd	1	35	1516	7500	0.2
pic 12.2716	2716 Canada Blvd	1	35	1548	7500	0.21
pic 13.1712	1712 Woodland Ave.	1	25	1654	5000	0.33
pic 14.1716	1716 Woodland Ave.	1	25	1232	5000	0.25
pic 15.1720	1720 Woodland Ave.	1	25	1272	5000	0.25
pic 16.1722	1722 Woodland Ave.	1	25	1364	5056	0.27
pic 17.1726	1726 Woodland Ave.	1	25	978	3732	0.26
pic 18.2717	2717 Rustic LN	1	25	1376	6666	0.21
pic 19.2711	2711 Rustic LN	2	25	1621	4721	0.34
pic 20.2722	2722 Rustic LN	1	20	1364	5248	0.26
pic 21.2718	2718 Rustic LN	1	20	850	3661	0.23
pic 22.2714	2714 Rustic LN	1	20	1828	3877	0.47
pic 23.2712	2712 Rustic LN	1	20	769	4102	0.19
pic 24.2708	2708 Rustic LN	1	20	900	4328	0.21
pic 25.1745	1745 Don Carlos Ave.	2	20	1886	11709	0.16
pic 26.1744	1744 Don Carlos Ave.	1	25	1815	9973	0.18
pic 27.1740	1740 Don Carlos Ave.	1	35	1560	9375	0.17
pic 28.1734	1734 Don Carlos Ave.	1	35	2786	13875	0.2
pic 29.1728	1728 Don Carlos Ave.	1	35	1395	13875	0.1
pic 30.1722	1722 Don Carlos Ave.	1	25	2344	13875	0.17
pic 31.1716	1716 Don Carlos Ave.	1	25	1785	13875	0.13
pic 32.1710	1710 Don Carlos Ave.	1		960	5180	0.19
pic 33.1700						
(excluded, Multi-family)	1700 Don Carlos Ave.	2	20	4004	7400	0.54
,,	Averages	1.12	26.61		6955.74	

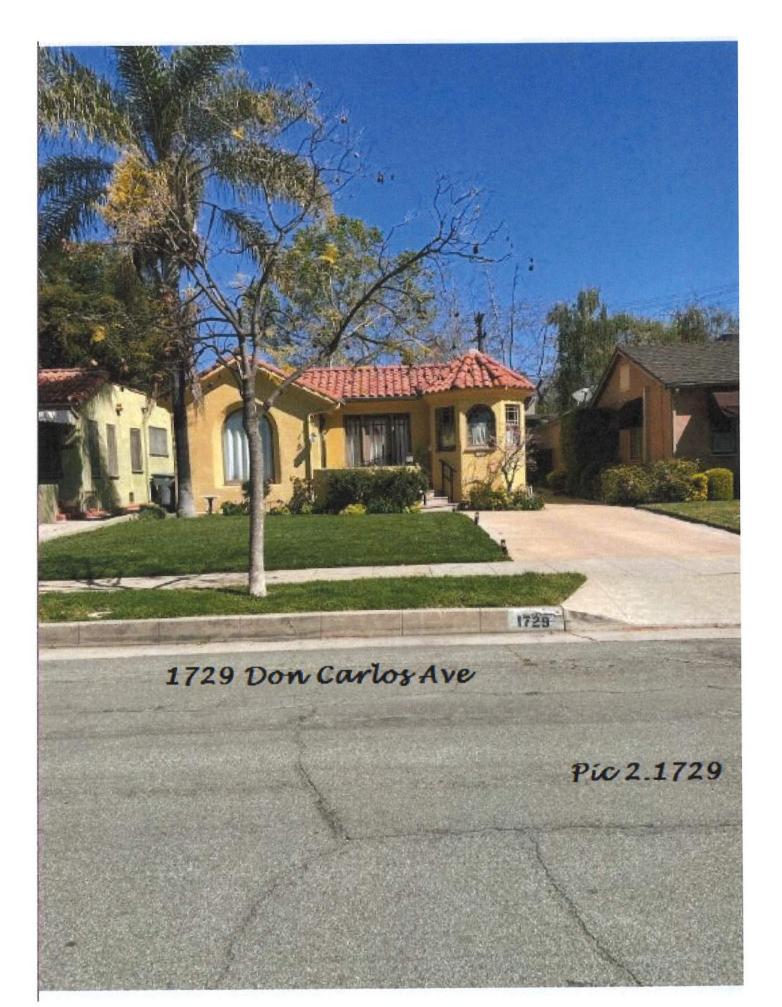


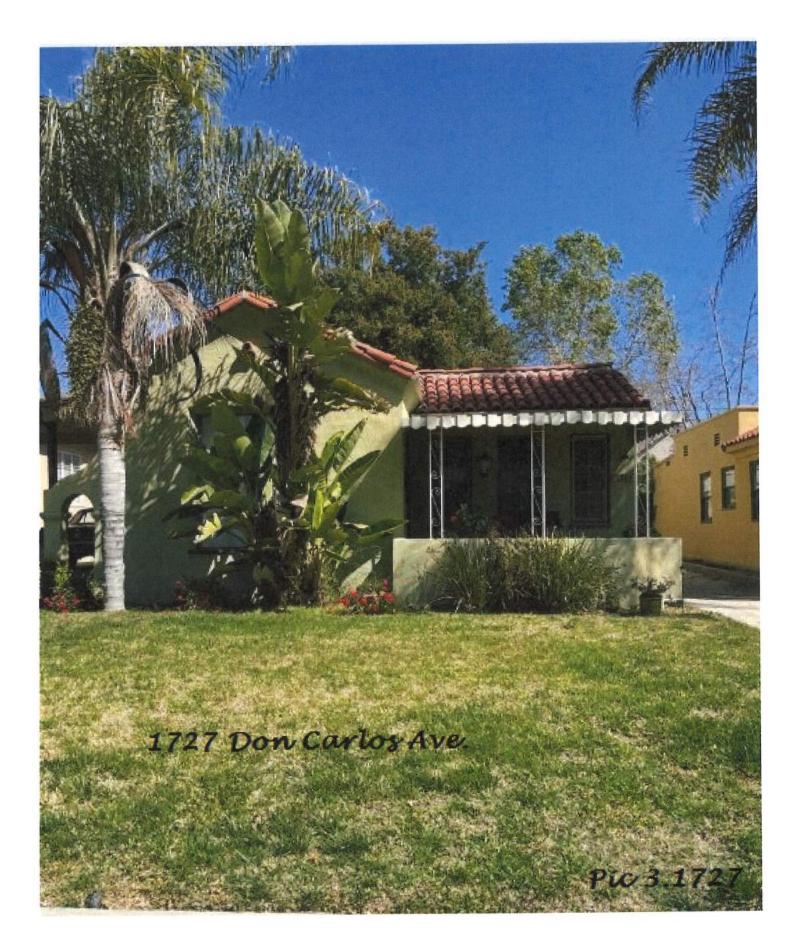
4 0 90 DOL ママルル CARLOS AVE. 7 ev 88 0 ā. 90 6 6 3 Lg LV 3 2 S



1733 Don Carlos Ave.

Pic 1.1733







Pic 4.1723

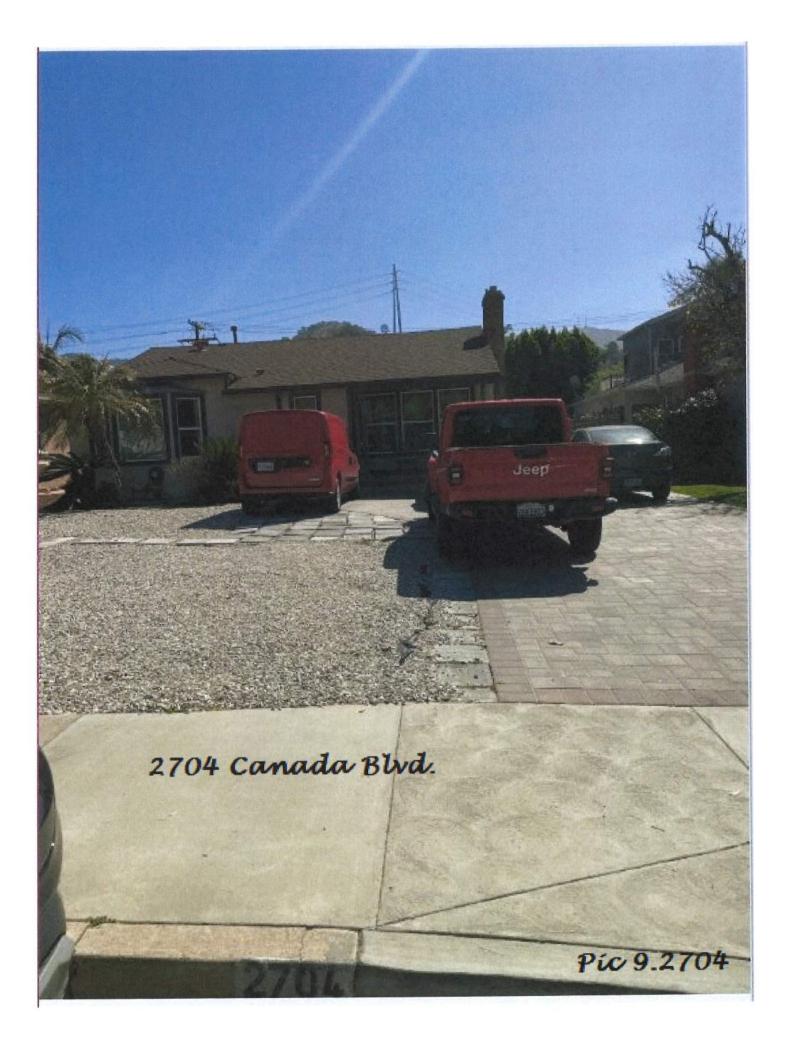


Pic 5.1719



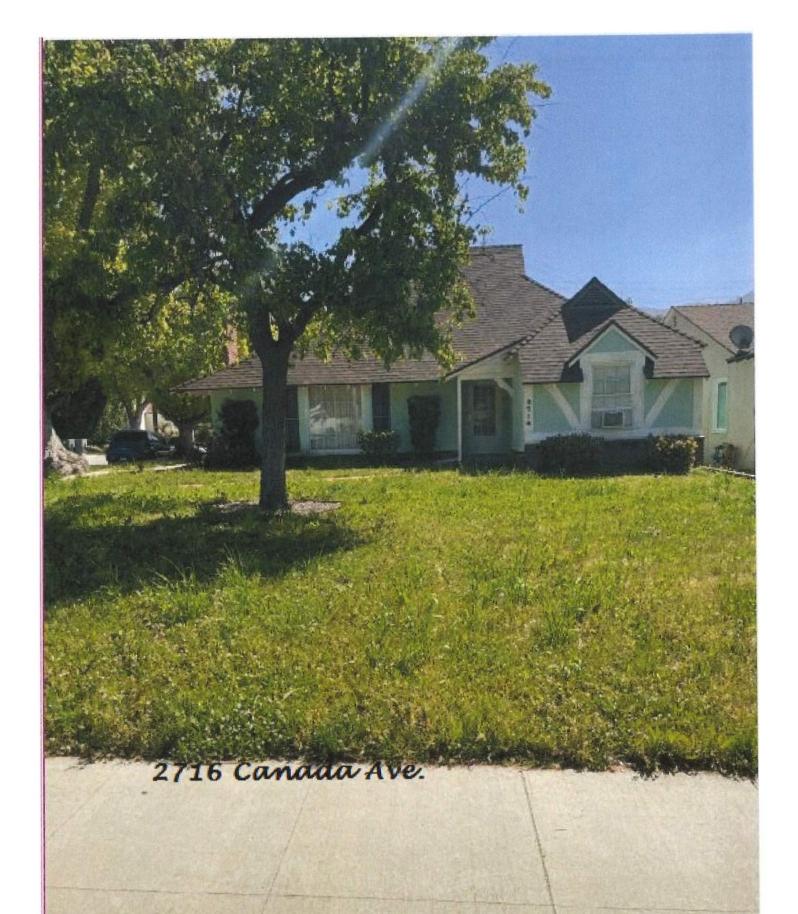




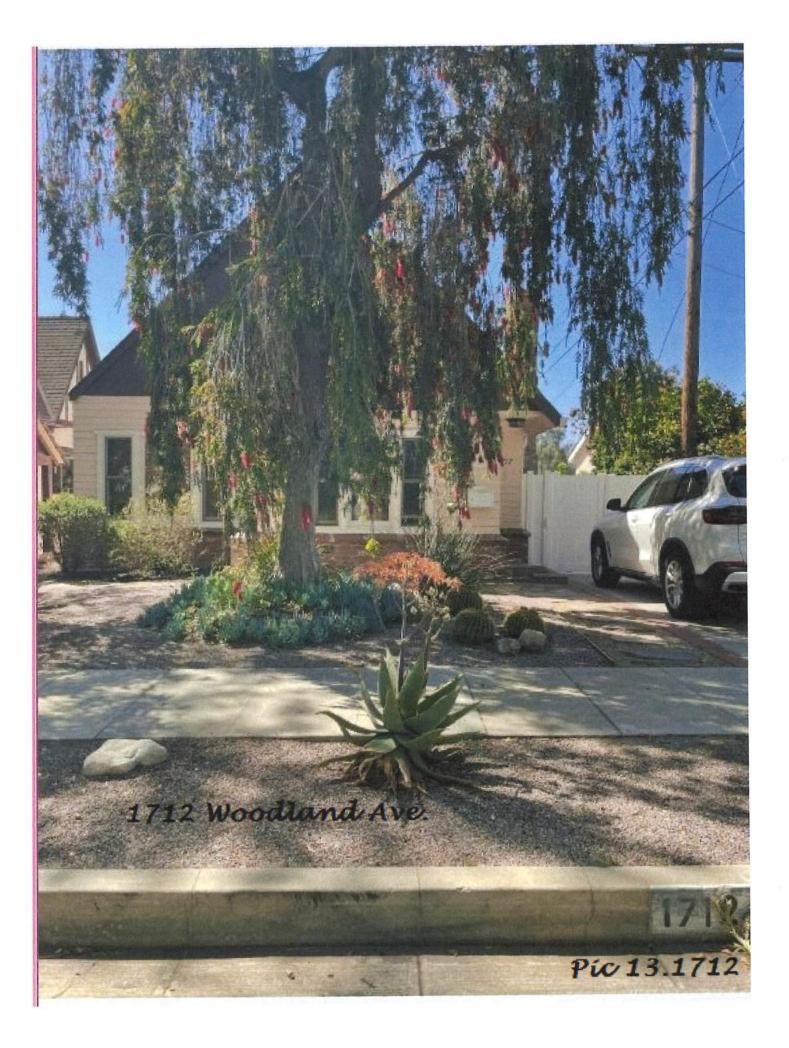


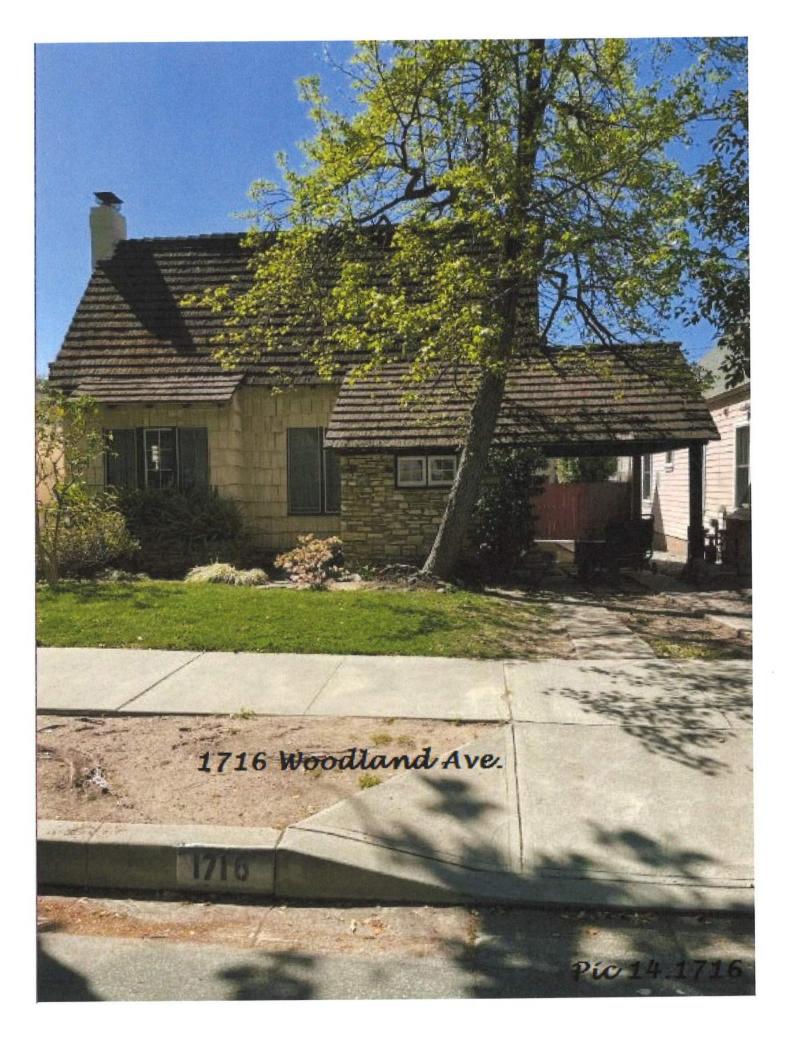


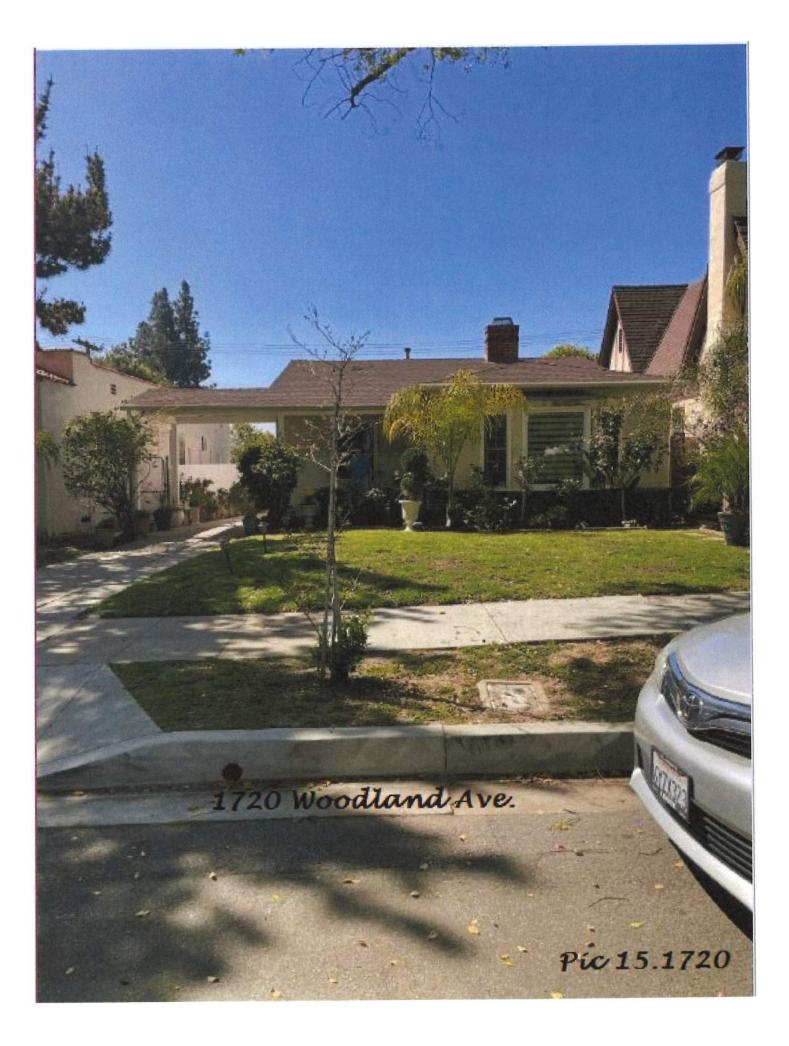




Pic 12.2716

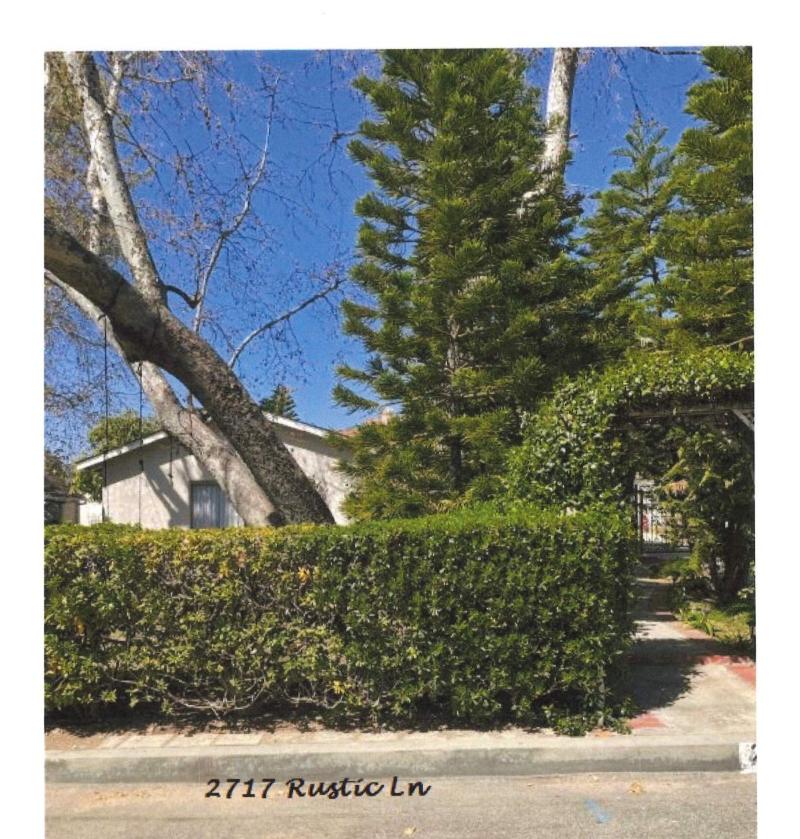




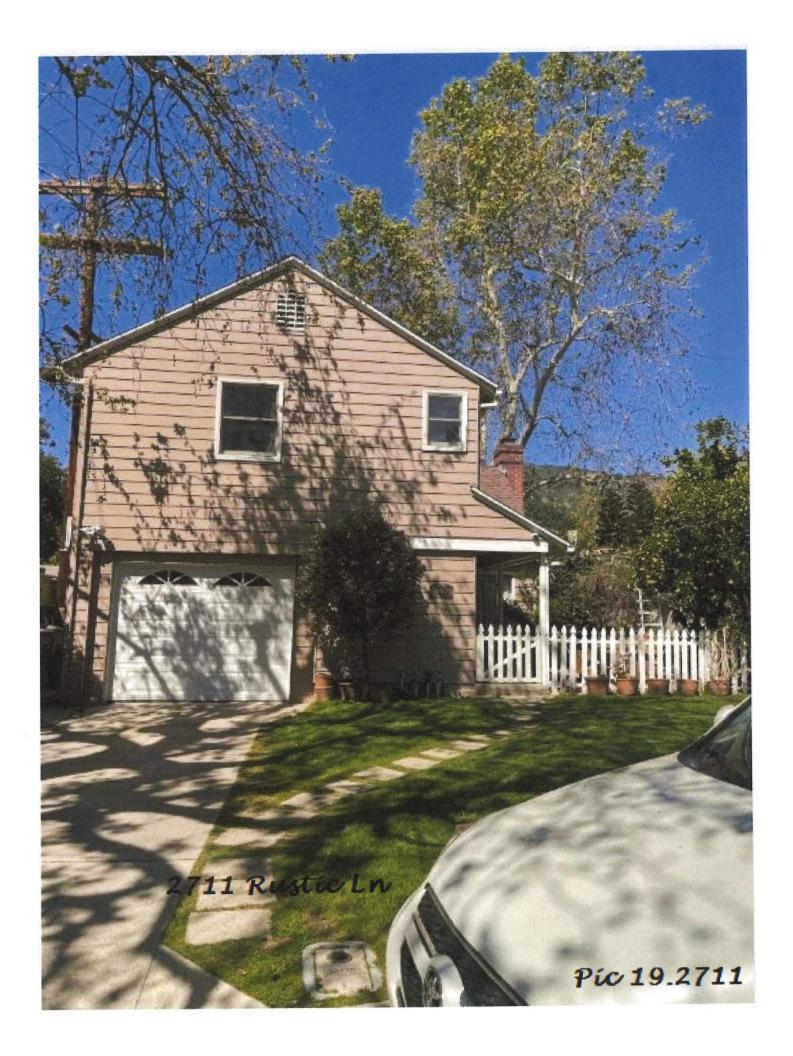


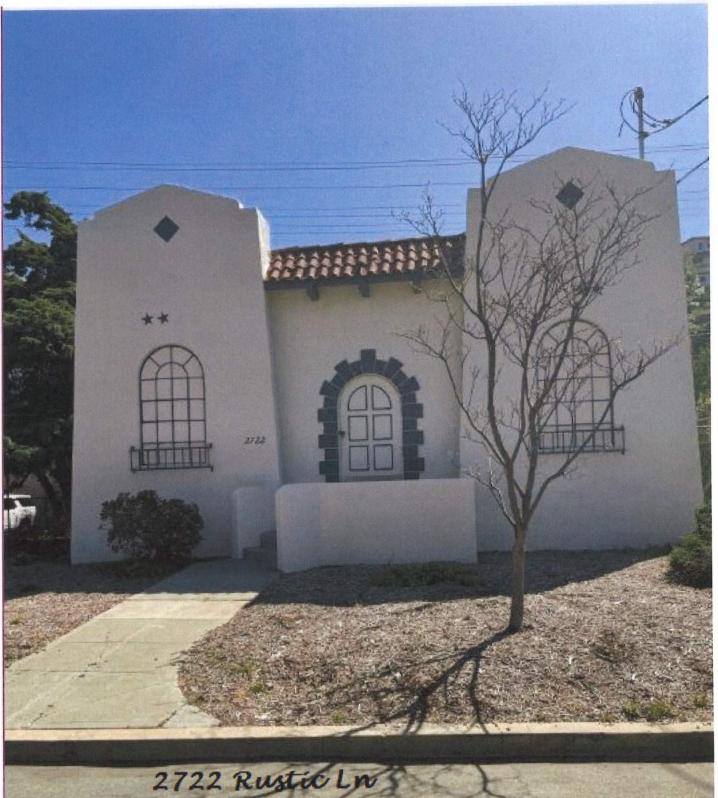




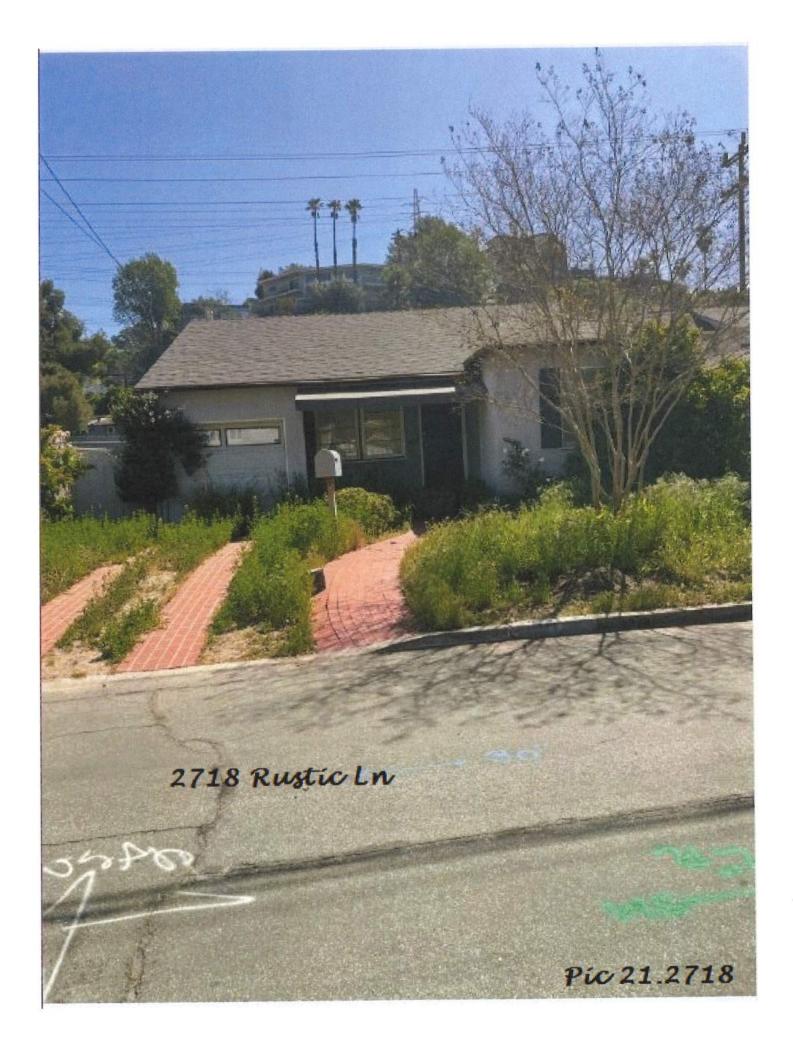


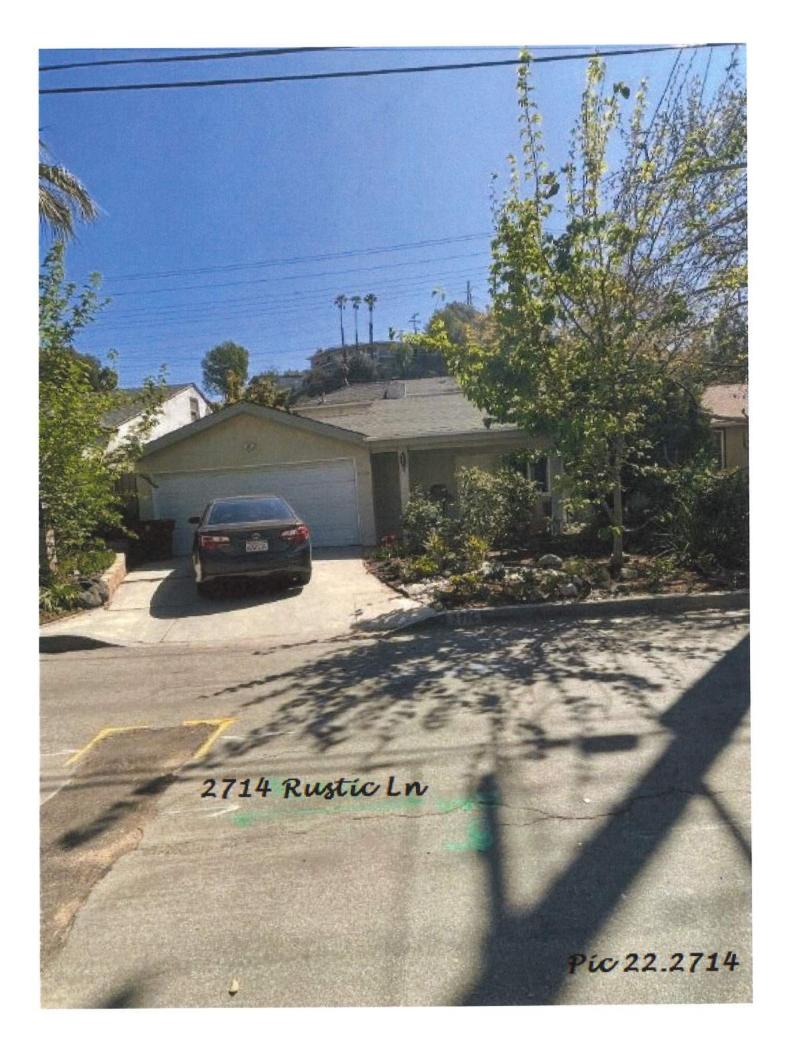
Pic 18.2717

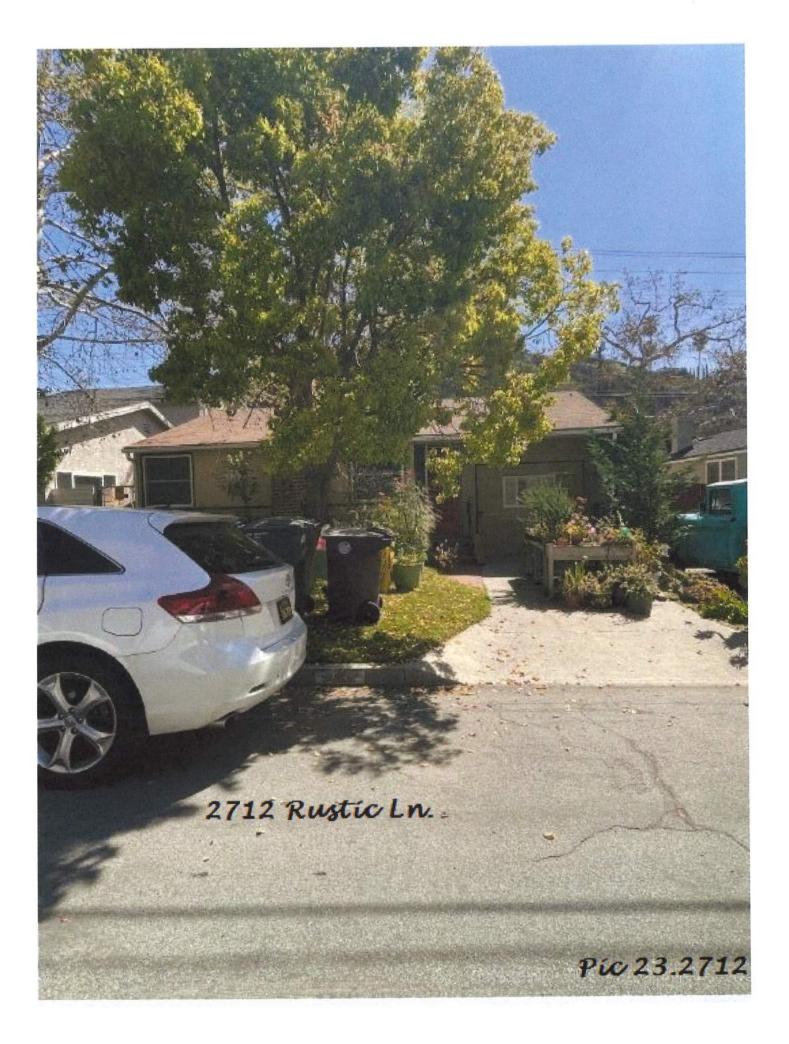


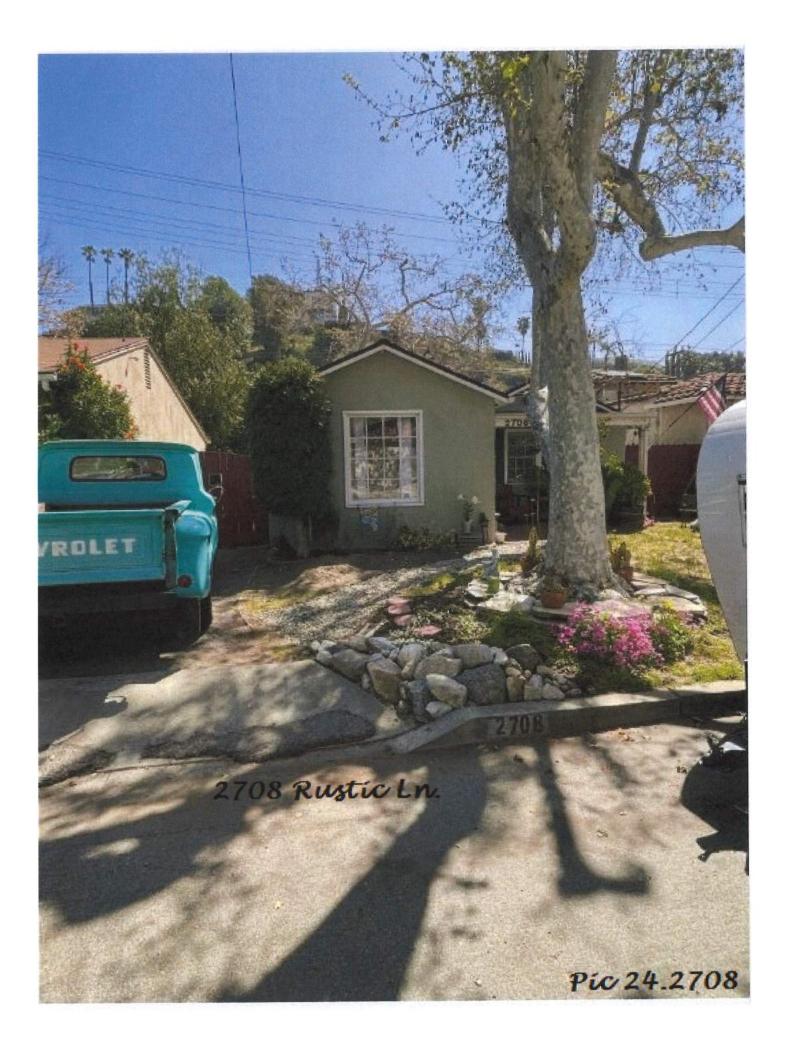


Pic 20.2722



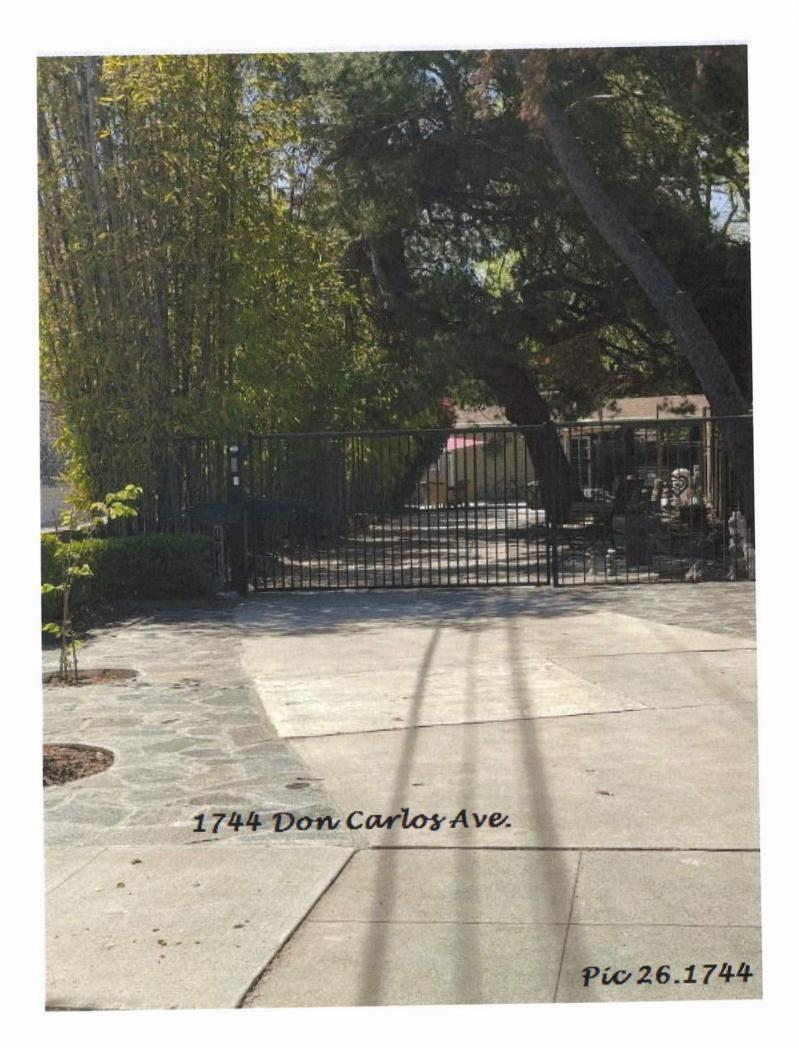


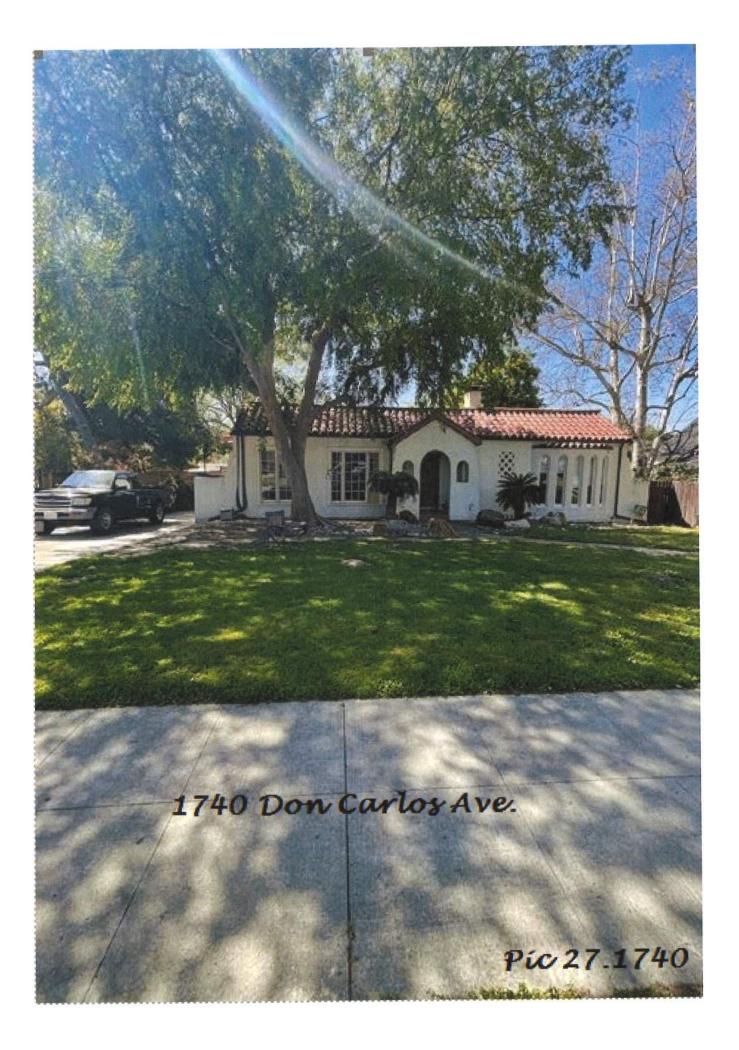


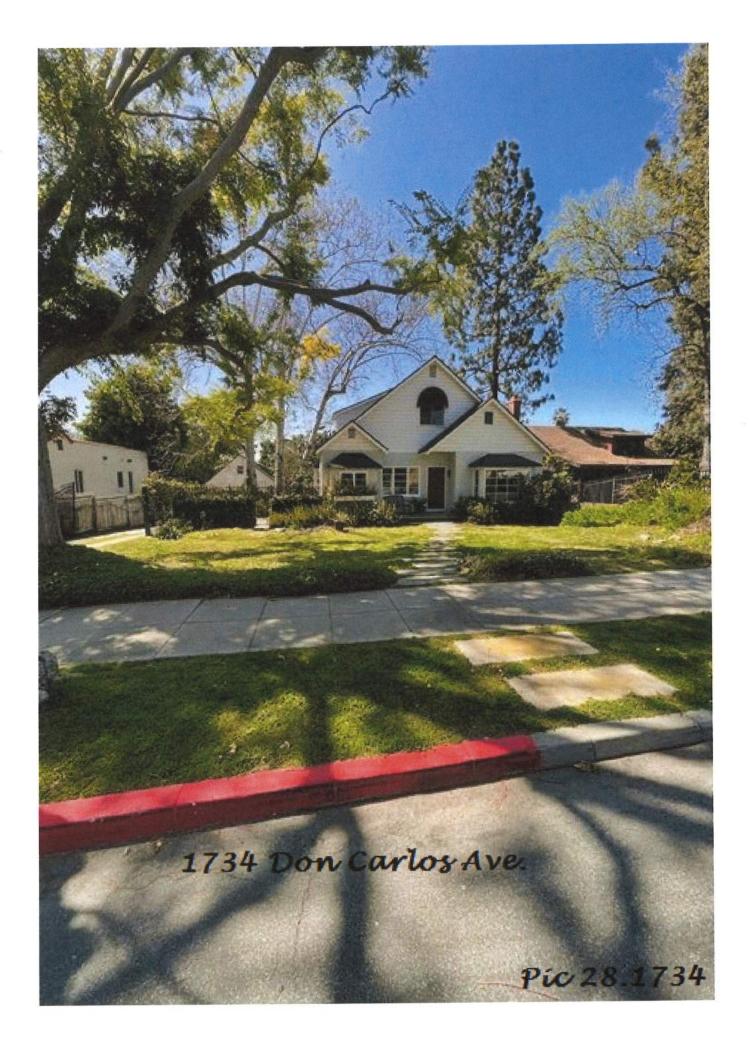


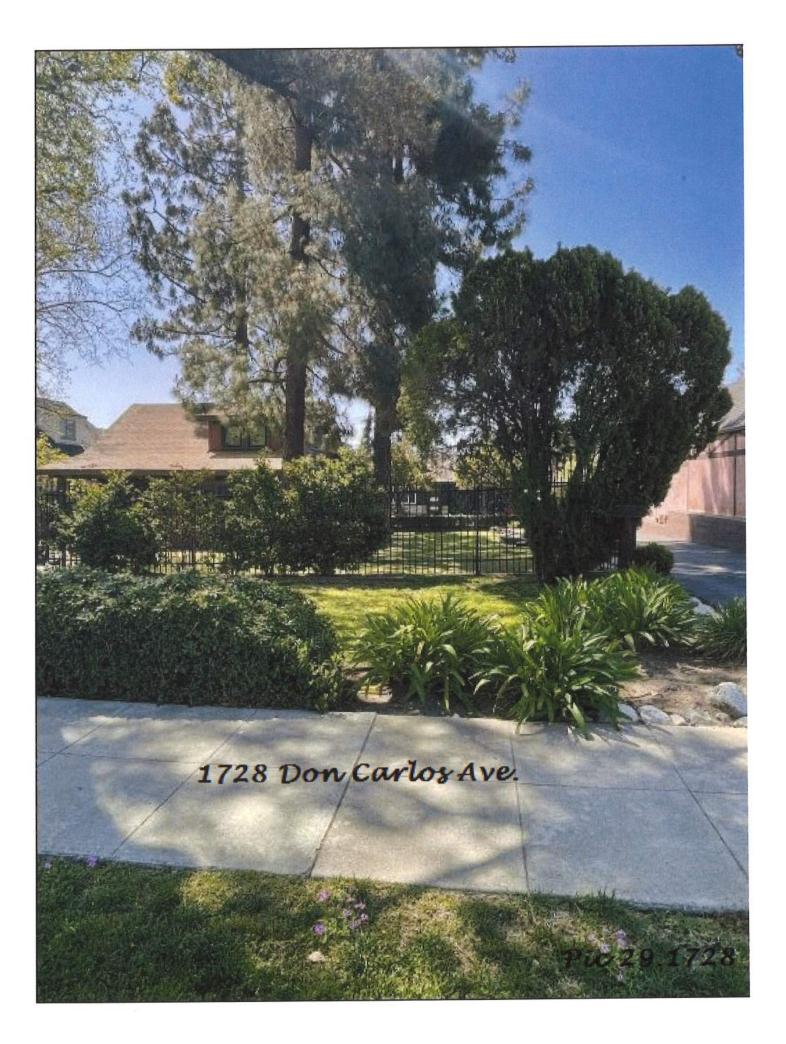


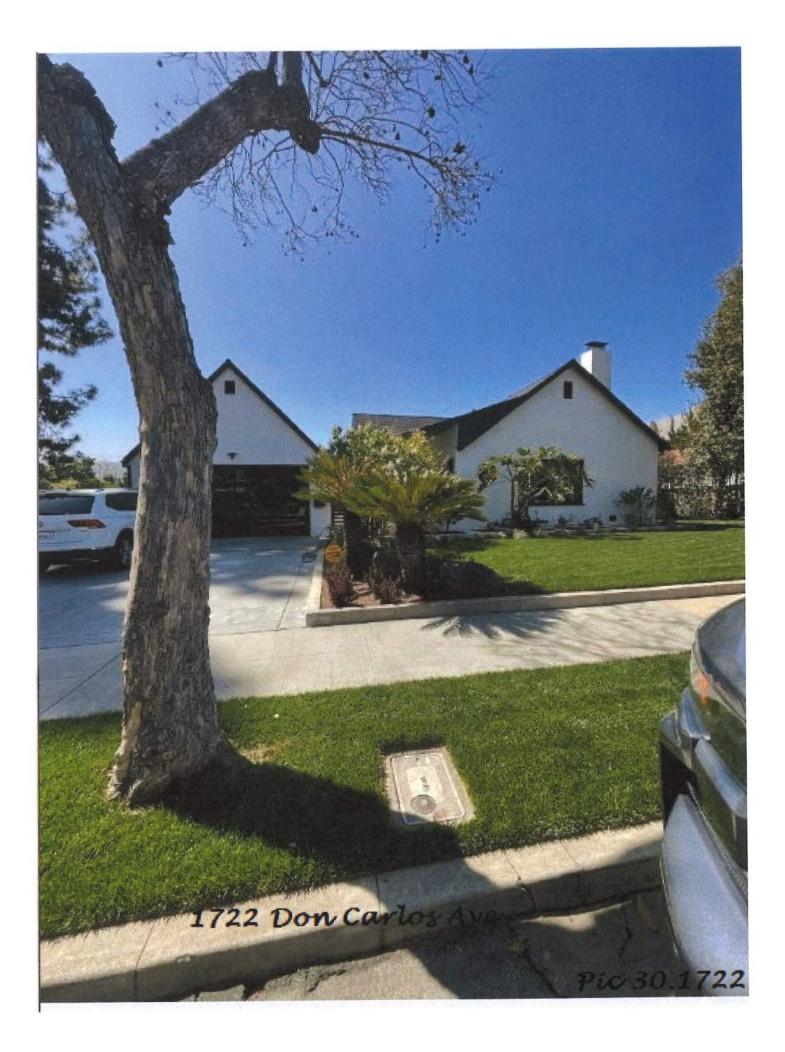
1745 Don Carlos Ave.

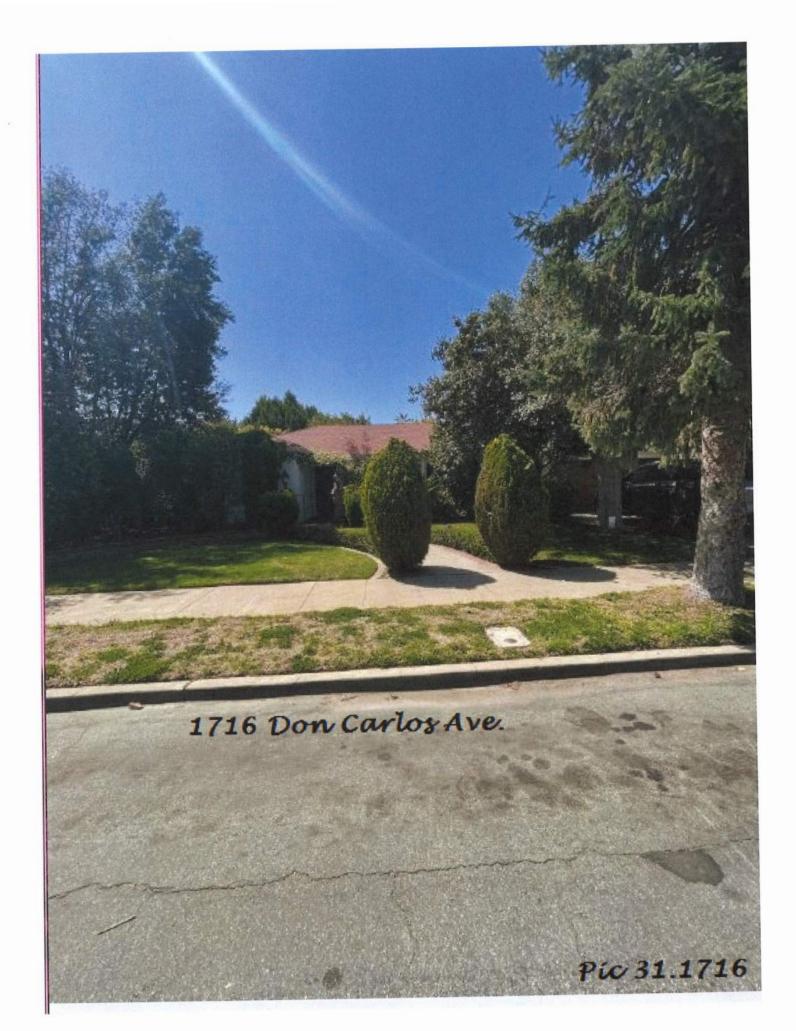


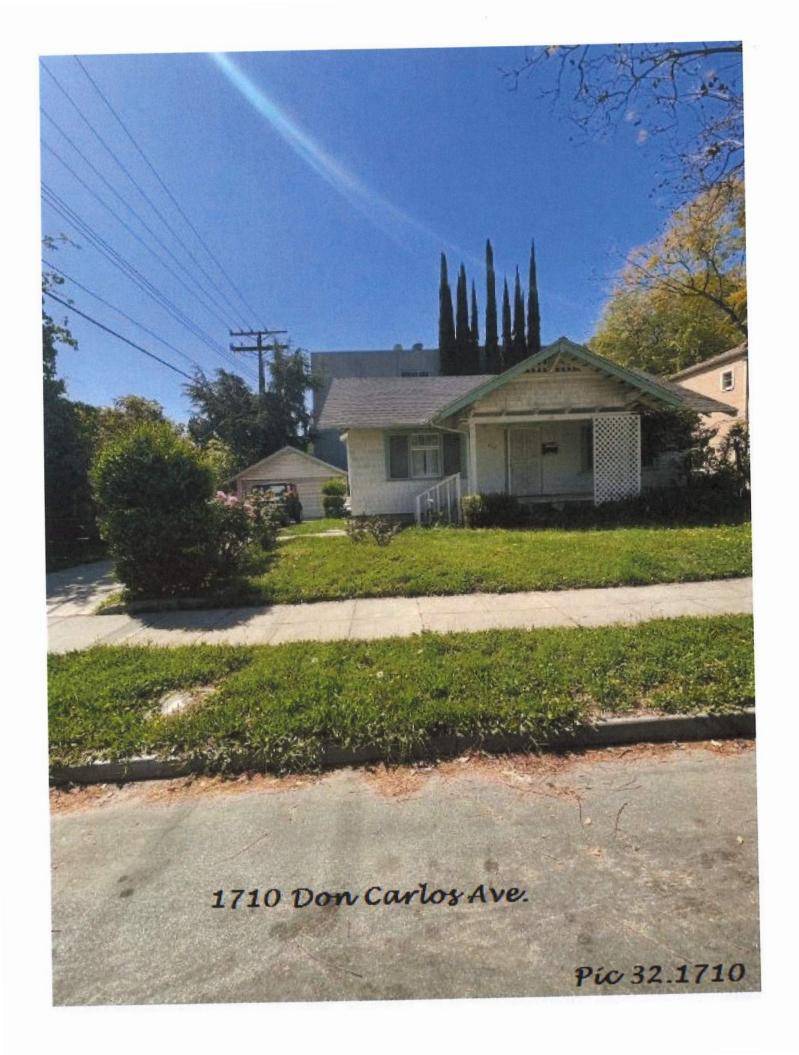
















GC MAPPING SERVICE, INC.

3055 WEST VALLEY BOULEVARD
ALHAMBRA CA 91803
(626) 441-1080 FAX (626) 441-8850
gcmapping@radiusmaps.com

LEGEND

ZONE LINE: - · - · - · - · -

ZONING:

R1 I: LOW DENSITY RESIDENTIAL FAR DIST I
R 3050: MODERATE DENSITY RESIDENTIAL
R1R II: RESTRICTED RESIDENTIAL FAR DIST II

CASE NO.

DATE: 03-30-2023

SCALE: 1" = 100'

ZONING MAP

CITY OF GLENDALE

INTERDEPARTMENTAL COMMUNICATION Community Development Department Request for Comments Form (RFC)

DATE: 8/17/2023 **DUE DATE: 8/23/2023** NOTE: If project comments are not received by the due date, it will be assumed that your department has no comments. Dennis Joe, Senior Planner Tel.# Ext. 8157 FROM: **PROJECT ADDRESS:** 1733 Don Carlos Timothy Clark Applicant: Sharon Rogers Property Owner: PROJECT DESCRIPTION: The applicant is proposing to construct a 245 square foot (SF) addition at the rear to an existing 1,190 SF, onestory, single-family residence (constructed in 1927), with an existing attached two-car garage on a 5,650 SF corner lot, zoned R1 (Floor Area District II). PLEASE CHECK: **G. INFORMATION SERVICES A. CITY ATTORNEY** (Wireless Telecom) **B. COMMUNITY DEVELOPMENT:** H. PUBLIC WORKS (ADMINISTRATION): (1) Building & Safety (1) Engineering & Land **Development** (2) Neighborhood Services (2) Traffic (3) Design Review & Historic (3) Facilities (city projects only) (4) Economic Development (4) Integrated Waste (5) Housing (6) Urban Design & Mobility Χ (5) Maintenance Services/Urban Forester J. GLENDALE POLICE D. COMMUNITY SERVICES/PARKS: K. OTHER: E. FIRE ENGINEERING (PSC) (1) STATE-Alcohol Beverage F. GLENDALE WATER & POWER: Control (ABC) • (2) Tribal Consultations (EIFs) (1) Water (2) Electric • (3) City Clerk's Office **ENTITLEMENT(S) REQUESTED** Variance Case No.: Tentative Tract/Parcel Map No.: AUP/CUP Case No.: Zone Change/GPA: PADR-001318-

ADR/DRB Case No.:

2023

Other

INTER-DEPARTMENTAL COMMUNICATION PROJECT CONDITIONS AND COMMENTS

Project	Project					
Address:	1733 Don Carlos	Case No.: PADR-001318-2023				
If project comments are not received by the due date, it will be assumed that your						
•	as no comments.					
NOTE: Your comments should address, within your area of authority, concerns and potentially significant adverse physical changes to the environment regarding the project. You may also identify code requirements specific to the project, above and beyond your normal requirements. Applicant will be informed early in the development process. You may review complete plans, maps and exhibits in our office, MSB Room 103. We appreciate your consideration and look forward to your timely comments. Please do not recommend APPROVAL or DENIAL. For any questions, please contact the Case Planner ASAP, so as not to delay the case processing.						
COMMENTS:						
_	DOES NOT have any comment.					
X This office	<u>HAS</u> the following comments/conditi	ons. (See attached Dept. Master List)				
Date:8	3-21-23					
Duint Names	Lawa Kilala					
Title: Urb	_Loren Klick					
	Dept. PWMS	Tel.: x3416				
	<u> </u>					
a. ADDITIONAL	COMMENTS:					
X 1.						
Street Trees No City street tre Tree Permit will b		oject, nor is there space to plant any. No Street				
Indigenous Tree	26					
PW Forestry met by the project or	t the property owner onsite and assessed	the area. No indigenous trees will be impacted tree permit will be required, nor will any tree genous trees.				
oak, sycamore, b	pay trees or City street trees on the prope construction activity and will experience I	te of the included plan, to add the note "Protected erty and within 20' of the property are inaccessible NO impact. No protective fencing is required" to				
Any existing note	es regarding the indigenous trees should	be omitted and replaced with the above note.				
b. CASE SPECII	FIC CODE REQUIREMENTS: (these are	e not standard code requirements)				

c. SU	GGESTED CO	DNDITIONS: (may	or may not be	adopted by	the Hearing (Officer)
	1					

INTERDEPARTMENTAL COMMUNICATION ENVIRONMENTAL IMPACT COMMENTS

(PLEASE SEND OUT THIS FORM ONLY WHEN ENVIRONMENTAL IMPACT COMMENTS ARE NEEDED.)

Location:				
The project <u>would not</u> have adverse environmental effects on areas regulated by this Division/Section.				
The project <u>would</u> have potential environmental impacts on areas regulated by this Division/Section identified below.				
NOTE: If project comments are not received by the due date, it will be assumed that your department has no comments.				
POTENTIAL ENVIRONMENTAL IMPACT(S):				
PROPOSED MITIGATION MEASURE(S): The following mitigation measures are required to reduce adverse environmental effects to less than significant. (Please do not include code requirements listed in comment below):				
ADDITIONAL COMMENTS:				
CASE No.: Property Address:				
Name/SignatureDate:				
Title: Tel. (Ext.):				

POINT PERSON - DEPARTMENTS/DIVISION

CITY ATTORNEY – GILLIAN VAN MUYDEN (Miah Yun and Yvette Neukian, Alternates)

CITY CLERK – KAREN CORTES

COMMUNITY DEVELOPMENT:

Building and Safety – SARKIS HAIRAPETIAN and MIROSLAV LHOTSKY Neighborhood Services –JESSICA SADA

Design Review & Historic (Glendale Register & Historic Districts) – JAY PLATT

Economic Development – MARK BERRY

Housing – PETER ZOVAK, MIKE FORTNEY and AARON BROWNELL Urban Design & Mobility – FRED ZOHREVAND (For VMT Analysis)

COMMUNITY SERVICES AND PARKS – TEREZA ALEKSANIAN and AMIRAH LIMAYO

INFORMATION SERVICES DEPT.

Wireless Communications - GORDON ARNOLD

FIRE ENGINEERING - JOVAN DIAZ and DAVE STIMSON

GLENDALE WATER AND POWER:

Water – SEDA BOGHOSIAN, FAUSTINO GARCIA and KEVIN RUNZER Electric – CATHERINE BABAKHANLOU and SEDA BOGHOSIAN and FAUSTINO GARCIA (Hovsep Barkhordian, and Daniel Scorza Alternates)

POLICE - LT. SEAN RILEY and ZAZIL AVILA, C.S.O.

PUBLIC WORKS:

Engineering & Land Development – ARMEN AVAZIAN, SARKIS OGANESYAN, and RUEL VILLALUNA

Traffic – PASTOR CASANOVA and SAED ROUDSARI

Integrated Waste – DAN HARDGROVE

Maintenance Services/Street & Field/Urban Forester – LOREN KLICK, CARLOS LINARES, and ORLANDO URQUIDEZ

Facilities (City projects) – KEVIN TODD

OTHERS:

STATE ABC - PATRICIA HALPIN (Patricia. Halpin@abc.ca.gov),

TRIBAL CONSULTATION (EIF Applications) -

THCP Officer (Tribal Historic and Cultural Preservation Department, Fernandeno Tataviam Band of Mission Indians)

JOSEPH ONTIVEROS (Cultural Resource Director, Soboba Band of Luiseno Indians)

LINDA CANDELARIA (Co-Chairwoman, Gabrielino-Tongva Tribe) (Sample Letters on Planning Share: ..\..\..\Environmental\Tribal Consultation Sample Letters)