



CITY OF CAMPBELL
Community Development Department

December 5, 2017

NOTICE OF ADMINISTRATIVE SITE AND ARCHITECTURAL REVIEW PERMIT

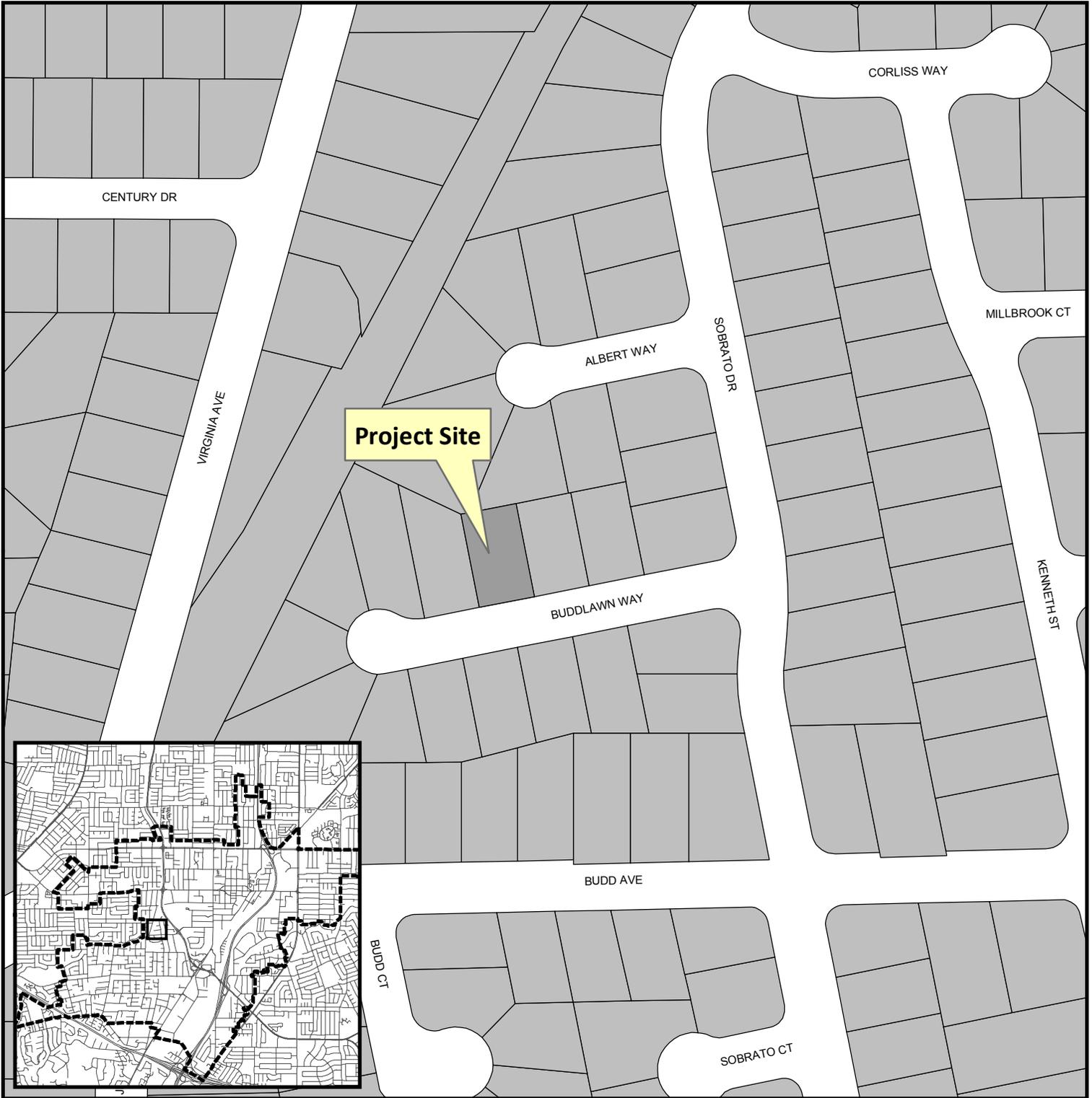
Notice is hereby given that the Planning Division of the Community Development Department of the City of Campbell has received an application for an Administrative Site and Architectural Review Permit for the following project proposal:

File No.: PLN2017-327
Applicant: Jenny Jingjing Li
Project Address: 695 Buddlawn Way
Property Owner: Jenny Jingjing Li
Zoning District: R-1-6 (Single-Family Residential)
General Plan: Low Density Residential
Project Description: An approximately 499 square-foot one-story front addition to an existing one-story single-family residence

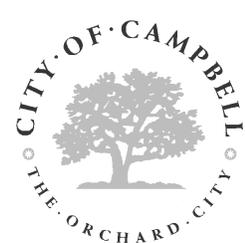
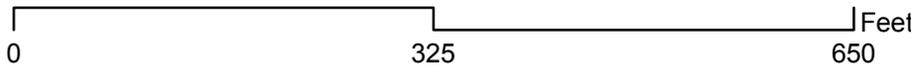
This project will be decided by the Community Development Director and you have the opportunity to provide comment prior to the Director's decision. The ten-day comment period for this application begins on December 6, 2017 and ends on December 16, 2017. Any comments regarding this application must be submitted in writing (including email) to the Planning Division before 5:00 p.m. on **December 16, 2017**. The Director will then consider all comments submitted within this time period prior to a decision. No additional notice will be provided. Please contact the project planner in a timely manner to determine what decision was reached.

Decisions by the Community Development Director are final in 10 calendar days following the date of approval, unless an appeal is received in writing at the City of Campbell Community Development Department, 70 N. First Street, Campbell, prior to the end of the appeal period. A written appeal must be accompanied with the required \$750 appeal filing fee. Plans and architectural drawings may be viewed at the Planning Division office during normal business hours (8:00 AM – 5:00 PM) and on the City's 'Public Notices' web page (<http://www.cityofcampbell.com/501/Public-Notices>) under 'Administrative Decisions'. Questions or comments regarding this application may be addressed to Victoria Hernandez, Assistant Planner, in the Community Development Department, at (408) 866-2732 or by email victoriah@cityofcampbell.com.

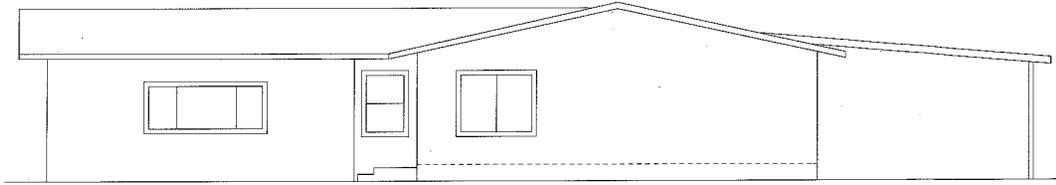
Project Location Map



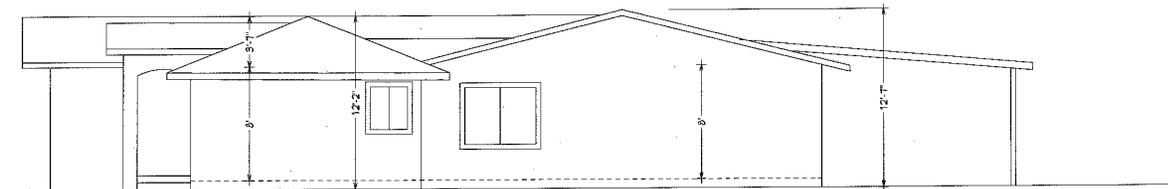
Project Location: 695 Buddlawn Way
Application Type: Admin. Site and Architectural Review
Planning File No.: PLN2017-327
Description: 499 square-foot single-story front addition



Community Development Department
Planning Division

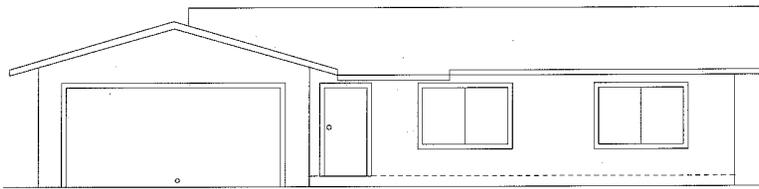


EXISTING EAST ELEVATION #6
Scale: 1/4" = 1'

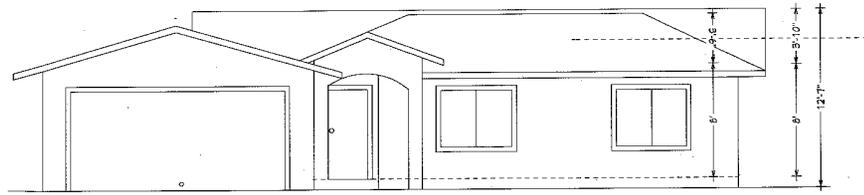


PROPOSED EAST ELEVATION #5
Scale: 1/4" = 1'

BACK ELEVATION DID NOT HAVE ANY CHANGE



EXISTING SOUTH ELEVATION (FRONT) #2
Scale: 1/4" = 1'



PROPOSED SOUTH ELEVATION (FRONT) #1
Scale: 1/4" = 1'

NOTES:
 - 7/8" THREE COATS STUCCO OVER TWO LAYERS OF 1/4" PAPER TO MATCH EXISTING HOUSE
 - 2 X 4 ARCHITECTURAL TRIMS ON DOORS AND WINDOWS.
 - PITCH OF ROOF: 5" IN 12" ON NEW ADDITION.
 - ROOFING COVERING: CLASS-A ASPHALT SHINGLES OVER TWO LAYERS #19 FELP. TO MATCH EXISTING HOUSE.
 - ALL HOUSE WILL BE PAINTED. SAME COLOR AS IT IS EXISTING.

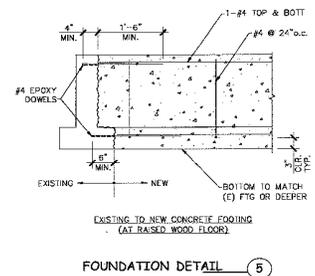
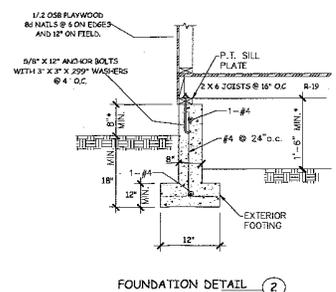
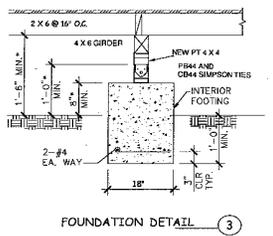
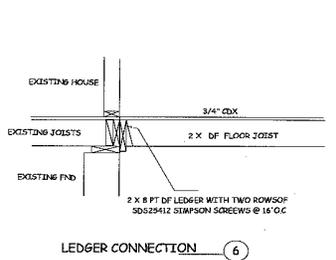
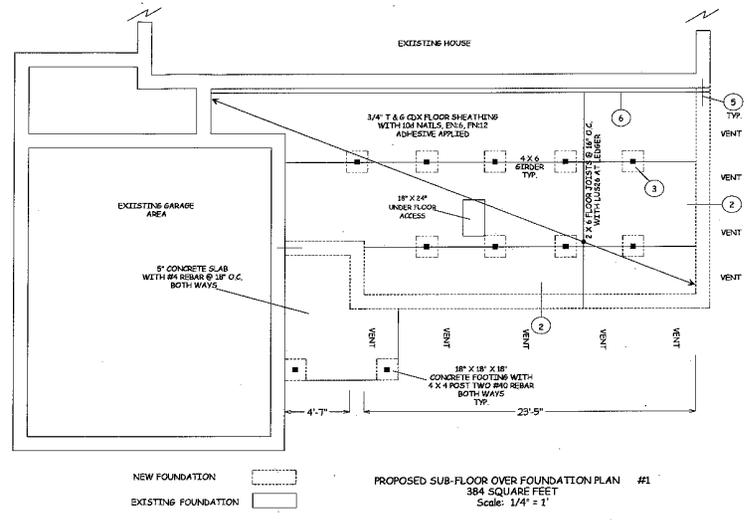
REVISION	BY

PREPARED BY: STEFRINO C. CRIZZO
 ADDRESS: PO BOX 480
 E. VALLEJO, CA 94588
 TEL: 707-343-1857 OR 408-908-9690
 BLUEPRINTS@YAHOO.COM

OWNER: 695 BUDDLAWN WAY
 ADDRESS: CAMPBELL, CA 95008
 TEL: 408-908-8505 EMAIL: LITTING@YAHOO.COM

APN:

DRAWN
CHECKED
DATE
SCALE
SHEET
2
OF SHEETS



VENT CALCULATIONS:
 499 SF X 1/150 = 3.32 SF
 3.32 X 144 = 478 SQUARE INCHES
 VENT SIZE: 14" X 6 = 84 S. INCHES
 478 / 84 = 5 VENTS REQUIRED
 1/16" AND MAXIMUM 1/8" CORRUG. NONCOMBUSTIBLE WIRE MESH OR EQUIVALENT

CRAWL VENTS CALC 4

NAILING SCHEDULE

BUILDING ELEMENTS	FASTENER	SPACING
Joist to sill or girder, toe nail	3-8d	
Sole plate to joist or blocking, face nail	16d	16 - o.c.
Top or sole plate to stud, end nail	2-16d	
Stud to sole plate, toe nail	3-8d or 2-16d	
Double studs, face nail	10d	24 - o.c.
Double top plates, face nail	10d	24 - o.c.
Sole plate to joist or blocking at braced wall panels	3-16d	16 - o.c.
Double top plates, minimum 48-inch offset of end joints, face nail in lapped area	8-16d	
Blocking between joists or rafters to top plate, toe nail	3-8d	
Run joist to top plate, toe nail	8d	6 - o.c.
Top plates, laps at corners and intersections, face nail	2-10d	
Built-up header, two pieces with 1/2" spacer edge	16d	16 - o.c. each
Ceiling joists to plate, toe nail	3-8d	
Continuous header to stud, toe nail	4-8d	
Ceiling joist, laps over partitions, face nail	3-10d	
Ceiling joist to parallel rafters, face nail	3-10d	
Rafter to plate, toe nail	2-16d	
1x brace to each stud and plate, face nail	2-8d	
Built-up corner studs	10d	24 - o.c.
Roof rafters to ridge, valley or hip rafters: toe nail	4-16d	
face nail	3-16d	
Rafter ties to rafters, face	3-8d	

Wood structural panels, subfloor, roof and wall sheathing to framing

	fastener	edges	intermediate
5/16 - 1/2"	6d common nail (subfloor, wall)	6	12
	8d common nail (roof)	6	12
19/32 - 1"	8d common nail	6	12
1 1/8 - 1 1/4"	10d common nail or 8d deformed nail	6	12

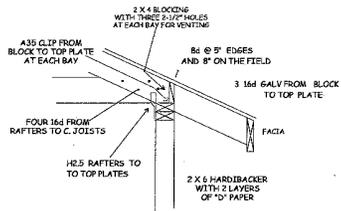
- cellulosic fiberbd sheathing 1 1/2 galv. roofing nail 3 6
- All nails are smooth-common, box or deformed shanks except where otherwise stated.
 - Nails shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or greater.
 - Four-foot-by-8-foot or 4-foot-by-9-foot panels shall be applied vertically.

VENT CALCULATIONS:
 499 SF X 1/150 = 3.32 SF
 3.32 X 144 = 478 SQUARE INCHES
 VENT SIZE: 14" X 6" = 84 S. INCHES
 478 / 84 = 6 VENTS REQUIRED
 1/16" AND MAXIMUM 1/8" CORROSION, NONCOMBUSTIBLE WIRE MESH OR EQUIVALENT

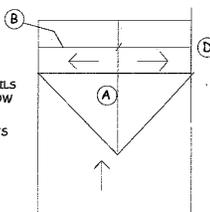
ATTIC VENTS CALC. ④

4'-0" BRACE PANEL
 2 X 4 #2 STUDS @ 16" O.C.
 1/2" OSB SHEATHING
 W 8d NAILS @ 6" ON EDGES
 AND 12" ON THE FIELD.

BRACE PANELS (NTS) ⑥



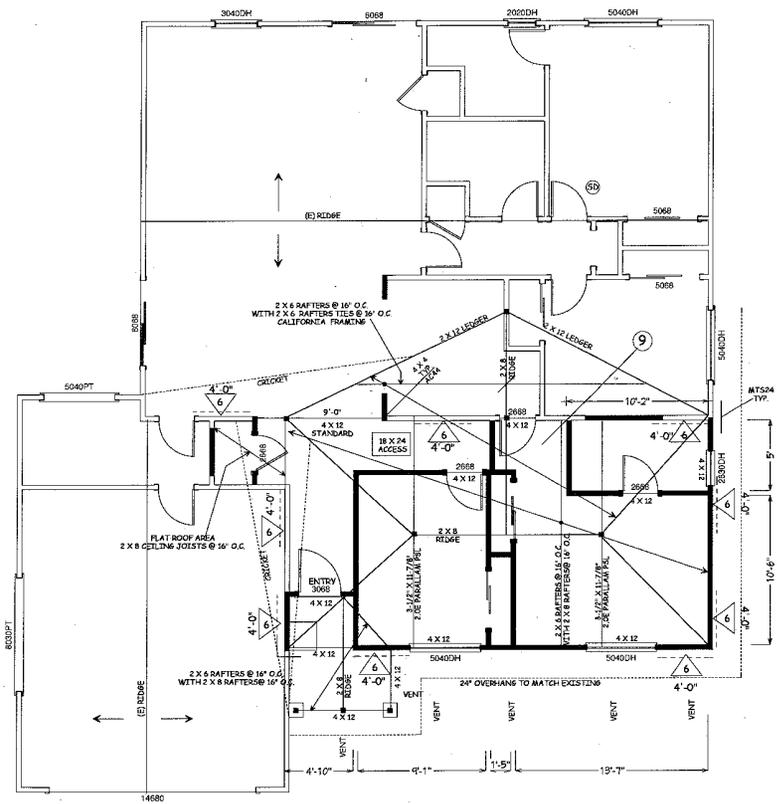
ROOF CONNECTION (NTS) ⑦



- ① 2 X 8 LEDGER W THREE 16 d NAILS @ EACH RAFTER AT ROOF BELOW
- ② SEE PLAN FOR RAFTER/C JOISTS
- ③ 2 X 4 PONY WALL TO WALL BELOW ALL PLYWOOD EN: 6, FN: 12

CALIFORNIA FRAMING SHALL BE 2 X 6 RAFTERS AND 2 X 8 RIDGE AND HIPS U.O.N. BRACE CALIFORNIA FRAMING TO TYPICAL FRAMING BELOW AT 8' O.C. MAXIMUM. TYPICAL ROOF FRAMING AND SHEATHING SHALL BE CONTINUOUS BELOW CALIFORNIA FRAMED AREAS. PROVIDE SOLID BLOCK OR CONTINUOUS 2x PLAT MEMBER AT VALLEYS UNDER ENDS OF ALL RAFTERS

CALIFORNIA ROOF DETAIL ⑨



PROPOSED FLOOR PLAN #2
 499 SQ. FT. ADDITION
 Scale: 1/4" = 1'

(E) WALLS
 (N) WALLS

SECTION		REQUIREMENTS
101.3.1 Applies to ALL newly constructed residential buildings: low-rise, high-rise, and townhomes.		
Chapter 3 - GREEN BUILDING		
301.1 Adds or alterations to residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. Requirements only apply within the specific area of the addition or alteration. Note: directs code users to CHL Code Section 1101.1 et seq., regarding regulation of non-occupant plumbing fixtures.		
301.2 Barriers identify provisions apply to low-rise only (LR) or high-rise only (HR) buildings.		
4.106.2 Storm water drainage and retention during construction. Projects which disturb less than 1 acre of soil and are not part of a larger commercial plan of development shall manage storm water drainage during construction.		
4.106.3 Construction plans shall indicate how the site grading or drainage system will manage all surface water flows to keep water from entering buildings. Exception for additions and alterations which do not alter the existing drainage path.		
4.106.4 Electric vehicles (EV) charging for new construction. Projects with Section 4.106.4.1 and 4.106.4.2 for future installation and use of EV chargers.		
4.106.4.1 Electric vehicle supply equipment (EVSE) shall be installed in accordance with the California Electrical Code, Article 625.		
4.106.4.2 EVSE shall be installed in accordance with the Local Enforcing Agency: 1. Where there is no commercial power supply. 2. Verification that meeting requirements will alter the local utility infrastructure design requirements on the utility side of the meter increasing costs to the homeowner by more than \$400.00 per dwelling unit.		
4.106.4.3 EV charging: 1. & 2-family dwellings: projects with attached private garage: a) Install a feed line necessary to accommodate a dedicated 200/400-volt branch circuit for the dwelling unit. b) Raceway shall not be less than trade size 1 (nominal 1-1/4 inch diameter). Raceway shall originate at the main service or subpanel and terminate into a listed cabinet, box, or other enclosure in close proximity to the proposed location of an EV charger. c) Raceways are required to be continuous at enclosed, inaccessible or concealed areas and spaces. d) Service panel and/or subpanel shall provide capacity to install a 40-ampere minimum dedicated branch circuit to the proposed location of a branch circuit overcurrent protective device. Service panel or subpanel circuit		

SECTION		REQUIREMENTS
4.106.4.1 & 4.106.4.1.1 continued		
4.106.4.2 EV charging for multifamily dwellings. Applies to building sites with 10 or more multifamily dwelling units constructed on the site. 1. The minimum number of parking spaces provided for all types of parking facilities, but in no case less than one, shall be electric vehicle charging spaces. (EV spaces) capable of supporting future EVSE. Calculations for the number of EV spaces shall be rounded up to the nearest whole number. Note: Construction documents are intended to demonstrate the project's capability and capacity for facilitating future EV charging. There is no requirement for EV spaces to be constructed or available until EV chargers are installed for use. EV charging spaces (EV spaces) locations. a) Construction documents shall indicate the location of proposed EV spaces. At least 1 EV space shall be located in common use areas and available for use by all residents. b) When EV chargers are installed, EV spaces required by Section 4.106.4.2.2, Item 3, shall comply with at least 1 of the following options: 1. The EV space shall be located adjacent to an accessible parking space meeting the requirements of the California Building Code, Chapter 11A, to allow use of the EV charger from the accessible parking space. 2. The EV space shall be located on an accessible route to the building, as defined in the California Building Code, Chapter 2.		
4.106.4.2.1 EV charging space (EV space) dimensions. EV spaces shall be designed to comply with the following: 1. The minimum length of each EV space shall be 18 feet. 2. The minimum width of each EV space shall be 8 feet. 3. One in every 25 EV spaces shall also have an 8-foot wide minimum aisle. A 5-foot wide minimum aisle shall be permitted provided the minimum width of the EV space is 12 feet. a) Surface space for this EV space and aisle shall not exceed 1 unit vertical in 48 units horizontal (2.083% slope) in any direction.		
4.106.4.2.2 EV charging space (EV space) locations. a) Listed electric raceway capable of accommodating a 200/400-volt dedicated branch circuit. b) The raceway shall not be less than trade size 1 (nominal 1-1/4 inch diameter). c) Raceway shall originate at the main service or subpanel and shall terminate into a listed cabinet, box, or enclosure in close proximity to the proposed location of the EV space.		

SECTION		REQUIREMENTS
4.500.1 Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed woodburning 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. Woodburning pellet stoves and fireplaces shall also comply with all applicable local ordinances.		
4.504.1 At the time of rough preparation, storage during the construction site and until first starting of the heating, cooling and ventilating equipment, all duct and other related: intake and distribution component openings shall be covered. Tape, plastic, sheetmetal or other methods acceptable to the enforcing agency to prevent the entry of water, dust, and debris entering the system may be used.		
4.504.2 Adhesives, sealants and caulks used on the project shall meet the requirements of following standards unless more stringent local or regional air pollution or air quality management district rules apply: 1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1108 VOC limits, shown in Tables 4.504.1 or 4.504.2, as applicable. Such products shall also comply with Title 16B prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in Subsection 2 below. 2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, not less packaging, which do not weigh more than 1 pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use certain toxic compounds, of the California Code of Regulations (CCR), Title 17, commencing with Section 94007.		
4.504.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the Air Resources Board Architectural Coatings Control Measure, as shown in Table 4.504.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the Specialty Coatings categories listed in Table 4.504.3 shall be determined by classifying the coating as Flat, Nonflat, or Nonflat-High Gloss coating, based on its gloss, as defined in subsections 4.21, 4.36, and 4.37, of the 2007 California Air Resources Board, Dispersed Control Measure, and the corresponding Flat, Nonflat, or Nonflat-High Gloss VOC limit in Table 4.504.3 shall apply.		

SECTION		REQUIREMENTS
4.504.3.1 Aerosol paints and coatings shall meet the Product-Weighted MIR Limits for VOC in Section 94020(b) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Section 94022(b)(1) and (b)(2) of the CCR, Title 17, commencing with Section 94020, and in areas under the jurisdiction of the Bay Area Air Quality Management District shall additionally comply with the Percent VOC by weight of product limits of Regulation 8, Rule 48.		
4.504.3.2 Carpet installed in the building interior shall meet the testing and product requirements of 1 of the following: 1. Carpet and Rug Institute's Green Label Plus Program 2. California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.1, February 2010 (also known as Specification 01300) 3. NSF/ANSI 140 at the Gold level 4. Scientific Certifications Systems Indoor Advantage™ Gold		
4.504.3.3 Carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute's Green Label Plus Program.		
4.504.3.4 Carpet adhesives shall meet the requirements of Table 4.504.1.		
4.504.4 Resilient flooring systems. Where resilient flooring is installed, at least 80% of floor area receiving resilient flooring shall comply with one or more of the following: 1. Products compliant with the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.1, February 2010 (also known as Specification 01300), certified as a CHPS Low-Emitting Material in the Collaborative for High Performance Schools (CHPS) High Performance Products Database. 2. Products certified under UL GREENGUARD Gold (formerly the GreenGuard Children & Schools Program). 3. Certification under the Resilient Floor Covering Institute (RFCI) FloorScore program. 4. Meet the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.1, February 2010 (also known as Specification 01300).		
4.504.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the building shall meet the requirements		

SECTION		REQUIREMENTS
4.106.4.2.3 continued		
4.106.4.2.4 Construction documents shall indicate necessary termination point and proposed location of future EV spaces and EV chargers. Construction documents shall also provide information on placement of future EVSE, raceway methodology, wiring, schematics and electrical load calculations to verify electrical panel service capacity and capacity for facilitating future EV charging. There is no requirement for EV spaces to be constructed or available until EV chargers are installed for use. EV charging spaces (EV spaces) locations. a) Construction documents shall indicate the location of proposed EV spaces. At least 1 EV space shall be located in common use areas and available for use by all residents. b) When EV chargers are installed, EV spaces required by Section 4.106.4.2.2, Item 3, shall comply with at least 1 of the following options: 1. The EV space shall be located adjacent to an accessible parking space meeting the requirements of the California Building Code, Chapter 11A, to allow use of the EV charger from the accessible parking space. 2. The EV space shall be located on an accessible route to the building, as defined in the California Building Code, Chapter 2.		
4.106.4.2.5 The California Department of Transportation adopts and publishes the "California Manual on Uniform Traffic Control Devices (California MUTCD)" to provide uniform standards and specifications for all official traffic control devices in California. Zero Emission Vehicle Signs and Pavement Markings can be found in the New Policies and Directives Number 12-01. Website: http://www.dot.ca.gov/hq/traffic/013-01.pdf 2. See Vehicle Code Section 22111 for EV charging space signage in off-parking facilities and for use of EV charging spaces. 3. The Governor's Office of Planning and Research (OPR) published a "Zero-Emission Vehicle Guidelines and Guidelines" which provides practical information for local governments, residents and businesses. Website: http://opr.ca.gov/090626EV_Guidelines.pdf		
4.201.1 Energy efficiency requirements for low-rise residential (Section 4.201.1) and high-rise residential/multifamily (Section 4.201.1) are now in both residential and non-residential chapters of CALGreen.		
4.201.1 Standards for residential buildings do not require compliance with levels of minimum energy efficiency beyond that required by the 2016 California Energy Code.		

SECTION		REQUIREMENTS
4.504.5.1 for formaldehyde as specified in the Air Resources Board's Air Toxics Control Measure for Composite Wood (17 CCR 93120 et. seq.), as shown in Table 4.504.5. Documentation is required per Section 4.504.5.1.		
4.504.5.2 Verification of compliance shall be provided as requested by the enforcing agency, and as required in Section 4.504.5.1.		
4.504.5.3 Concrete slab foundations or concrete slab-on-ground floors required to have a vapor retarder by the California Building Code, Chapter 19, or the California Residential Code, Chapter 5, respectively, shall also comply with this section.		
4.505.1 Capillary break shall be installed in compliance with 1 of the following: 1. A 4-inch thick base of 1/2-inch or larger clean aggregate shall be provided with a vapor retarder in direct contact with concrete and a concrete mix design which will adhere bleeding, shrinkage and curing shall be used. For additional information, see American Concrete Institute, ACI 302.2R-06. 2. Other equivalent methods approved by the enforcing agency. 3. A slab design specified by a licensed design professional.		
4.505.2 Moisture control of building materials. Building materials with visible signs of water damage shall not be installed. Wall and floor framing shall not be encroached when the framing members exceed 19% moisture content. Moisture control shall be verified in compliance with the following: 1. Moisture control shall be determined with either a probe-type or a contact-type moisture meter. Equivalent moisture reduction methods may be approved by the enforcing agency and shall satisfy requirements in Section 101.8. 2. Moisture control shall be taken at a point 2 feet to 4 feet from the grade-stamped end of each joist to be verified. 3. At least 3 random moisture readings shall be performed on wall and floor framing and insulation occupants (as specified in the manufacturer's instructions) at the time of approval to enclose the wall and floor framing. Installation products which are waxy, wet or have a high moisture content shall be rejected or allowed to dry prior to enclosure in wall or floor cavities. Manufacturers' drying recommendations shall be followed for wet-applied insulation products prior to enclosure.		

SECTION		REQUIREMENTS
4.303.1 Water conserving plumbing fixtures and fittings. Plumbing fixtures and fittings shall comply with the following: 4.303.1.1 Water Closes: ≤ 1.25 gallon/lit. 4.303.1.2 Wall Mounted Urinals: ≤ 1.25 gallon/lit.; all other urinals: ≤ 0.5 gallon/lit. 4.303.1.3.1 Single Showersheds: ≤ 2.0 gpm @ 80 psi 4.303.1.3.2 Multiple Showersheds: combined flow rate of all showersheds controlled by a single valve shall not exceed 2.0 gpm @ 80 psi, or only one shower outlet is to be in operation at a time. 4.303.1.4 Residential Lavatory Faucets: Maximum Flow Rate: 1.2 gpm @ 60 psi; Minimum Flow Rate: 0.8 gpm @ 20 psi 4.303.1.5 Lavatory Faucets in Common and Public Use Areas of Residential Buildings: ≤ 0.5 gpm @ 80 psi 4.303.1.6.1 Misting Faucets: ≤ 0.25 gallons per cycle 4.303.1.4.4 Kitchen Faucets: ≤ 1.8 gpm @ 60 psi; temporary increases to 2.2 gpm allowed but shall default to 1.8 gpm.		
4.303.2 Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet applicable standards referenced in Table 1701.1 of the California Plumbing Code.		
4.304.1 Outdoor potable water use in landscape areas. Alter December 1, 2015, new residential developments with an aggregate landscape area equal to or greater than 500 square feet shall comply with one of the following: 1. A local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), which is more stringent, or 2. Projects with aggregate landscape area less than 2500 square feet may comply with the MWELO's Appendix D Prescriptive Compliance Option.		
4.406.1 Annual space around pipes, electric cables, conduits or other openings in slab-on-grade plates at exterior walls shall be closed with cement mortar, concrete masonry or other similar material acceptable to the enforcing agency to prevent passage of rodents.		
4.406.1 Recycling by occupants. Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible areas that serve all buildings on the site and is identified for the separating, storage and collection of non-hazardous materials for recycling, including (at minimum) paper, composted cardboard, glass, plastic, organic waste, and metals or other materials acceptable to the local enforcing agency. Other specific documentation or special inspections necessary to verify compliance are specified in appropriate sections of CALGreen.		

SECTION		REQUIREMENTS
4.506.1 Bathroom exhaust fans. Each bathroom shall be mechanically ventilated and shall comply with the following: 1. Fans shall be ENERGY STAR compliant and be ducted to terminate outside the building. 2. Unless functioning as a component of a whole house ventilation system, fans must be controlled by a humidity controller. a) Humidity controls shall be capable of maintain or automatically adjustment between a relative humidity range of less than 50% to a maximum of 80%. b) A humidity control may be a separate control to the exhaust fan and is not required to be integral or built-in. Note: For CALGreen a "bathroom" is a room which contains a bathtub, shower, or sub-bath combination. Fans or mechanical ventilation is required in each bathroom.		
4.507.1 Heating and air conditioning systems shall be sized, designed, and equipment selected using the following methods: 1. The heat loss and heat gain is established according to ANSI/ACCA 2 Manual J - 2011 (Residential Load Calculation), ASHRAE handbooks or other equivalent design software or methods. 2. Duct systems are sized according to ANSI/ACCA 1 Manual D - 2014 (Residential Duct System), ASHRAE handbooks or other equivalent design software or methods. 3. Select heating and cooling equipment according to ANSI/ACCA 3 Manual S - 2014 (Residential Equipment Selection) or other equivalent design software or methods. Exception: Use of alternate design temperatures necessary to ensure the systems functions are acceptable.		
4.508.1 HVAC system installers shall be trained and certified in the proper installation of HVAC systems and equipment with a recognized training and certification program. Examples of acceptable HVAC training and certification programs include but are not limited to the following: 1. State certified apprenticeship programs. 2. State utility training programs. 3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations. 4. Programs sponsored by manufacturing organizations. 5. Other programs acceptable to the enforcing agency.		

SECTION		REQUIREMENTS
4.406.1 continued		
4.406.2 Construction waste management plan. Submit a construction waste management plan meeting Items 1 through 5 in Section 4.406.2. Plans shall be updated as necessary and shall be available for examination during construction.		
4.406.3 Waste stream reduction alternative. Waste management company. Provide a waste management company, approved by the enforcing agency, which can provide verifiable documentation that diverted construction and demolition waste materials meet the requirements in Section 4.406.1.		
4.406.4 (LR) Projects that generate a total combined weight of construction and demolition waste disposed in landfills, which do not exceed 3.4 pounds per square foot of the building area shall meet the minimum 65% construction waste reduction requirement in Section 4.406.1.		
4.406.4.1 Projects that generate a total combined weight of construction and demolition waste disposed in landfills, which do not exceed 2 pounds per square foot of the building area, shall meet the minimum 60% construction waste reduction requirement in Section 4.406.1.		
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 covers 10 specific subject areas shall be placed in the building.		
4.410.2 Recycling by occupants. Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible areas that serve all buildings on the site and is identified for the separating, storage and collection of non-hazardous materials for recycling, including (at minimum) paper, composted cardboard, glass, plastic, organic waste, and metals or other materials acceptable to the local enforcing agency. Other specific documentation or special inspections necessary to verify compliance are specified in appropriate sections of CALGreen.		

SECTION		REQUIREMENTS
702.2 Special inspection. Special inspectors must be qualified and able to demonstrate competence to the enforcing agency in the discipline in which they are inspecting.		
703.1 Documentation of compliance shall include, but is not limited to, construction documents, plans, specifications, bulker or installer certification, inspection reports or other methods acceptable to the local enforcing agency. Other specific documentation or special inspections necessary to verify compliance are specified in appropriate sections of CALGreen.		

