N/A RESPO			A RESPON.
	THREE ARC	HITECTUR	AL STYLES
	CONTACT	INSPF	CTION
	INSPECTION		
	other important enactment dates. 301.2 LOW-RISE AND HIGH-RISE RESIDENTIAL individual sections of CALGreen may apply to either low-rise	- BUILDINGS. [HCD] The provisions of	2.When EV chargers (Level 2 EVSE) are insta spaces, the number of EV capable spaces EV chargers installed.
	buildings, cr both. Individual sections will be designated by b specifically to low-rise only (LR) or high-rise only (HR). When high-rise buildings, no banner will be used.	anners to indicate where the section applies	Notes: a.Construction documents are intended to der future EV charging.
	SECTION 302 MIXED OCCUPANCY BUILDINGS 302.1 MIXED OCCUPANCY BUILDINGS. In mixed of		b.There is no requirement for EV spaces to be EV chargers are installed for use.
	shall comply with the specific green building measures applic Exceptions: 1. [HCD] Accessory structures and accessory oc comply with Chapter 4 and Appendix A4, as app	able to each specific occupancy. cupancies serving residential buildings shall	2.EV Ready . Twenty-five (25) percent of the tota Level 2 EV charging receptacles. For multifamily dwelling unit when more than one parking space
	2. [HCD] For purposes of <i>CAL</i> Green, live/work u Building Code, shall not be considered mixed oc Chapter 4 and Appendix A4, as applicable. DIVISION 4.1 PLANNING AND DESIG		Exception: Areas of parking facilities served by p 4.106.4.2.2 Multifamily development projects with 2 sleeping units or guest rooms. The number of dwelling units, sleeping units or guest rooms.
	ABBREVIATION DEFINITIONS:HCDDepartment of Housing and Community DevelopmentBSCCalifornia Building Standards CommissionDSA-SSDivision of the State Architect, Structural Safety		this section. 1.EV Capable . Ten (10) percent of the total number of parking facilities, shall be electric vehicle charge EVSE. Electrical load calculations shall demonstrations
	OSHPD Office of Statewide Health Planning and Development LR Low Rise HR High Rise AA Additions and Alterations		system, including any on-site distribution transfor EVs at all required EV spaces at a minimum of 4 The service panel or subpanel circuit directory sh
	CHAPTER 4 RESIDENTIAL MANDATORY ME	ASURES	for future EV charging purposes as "EV CAPABL Exception: When EV chargers (Level 2 EVSE parking spaces required by Section 4.106.4.2 reduced by a number equal to the number of
	SECTION 4.102 DEFINITIONS 4.102.1 DEFINITIONS		Notes: a.Construction documents shall show location
	The following terms are defined in Chapter 2 (and are included here a FRENCH DRAIN. A trench, hole or other depressed area loosely fille pervious material used to collect or channel drainage or runoff water.	ed with rock, gravel, fragments of brick or similar	 b.There is no requirement for EV spaces to be EV chargers are installed for use. 2.EV Ready. Twenty-five (25) percent of the total to a space of the total space.
	WATTLES. Wattles are used to reduce sediment in runoff. Wattles are such as hay, straw or similar material shaped in the form of tubes and used for perimeter and inlet controls.		Level 2 EV charging receptacles. For multifamily dwelling unit when more than one parking space Exception: Areas of parking facilities served b
	 4.106 SITE DEVELOPMENT 4.106.1 GENERAL. Preservation and use of available natural resource and careful planning to minimize negative effects on the site armanagement of storm water drainage and erosion controls shared and erosio	nd adjacent areas. Preservation of slopes,	3.EV Chargers. Five (5) percent of the total num Where common use parking is provided, at least area and shall be available for use by all resident
	4.106.2 STORM WATER DRAINAGE AND RETENTION DURING C than one acre of soil and are not part of a larger common plan or more, shall manage storm water drainage during construction during construction, one or more of the following measures sha property, prevent erosion and retain soil runoff on the site.	of development which in total disturbs one acre on. In order to manage storm water drainage	When low power Level 2 EV charging receptacle an automatic load management system (ALMS) capacity to each space served by the ALMS. The shall have sufficient capacity to deliver at least 3. served by the ALMS. The branch circuit shall hav have a capacity of not less than 30 amperes. ALI
	 Retention basins of sufficient size shall be utilized to Where storm water is conveyed to a public drainage disposal method, water shall be filtered by use of a b by the enforcing agency. 	system, collection point, gutter or similar parrier system, wattle or other method approved	capacity to the required EV capable spaces. 4.106.4.2.2.1 Electric vehicle charging stations (E Electric vehicle charging stations required by Section
	 Compliance with a lawfully enacted storm water mar Note: Refer to the State Water Resources Control Board for pr are part of a larger common plan of development which in total 	rojects which disturb one acre or more of soil, or	Exception: Electric vehicle charging stations servir shall not be required to comply with this section. S requirements. 4.106.4.2.2.1.1 Location.
	 (Website: https://www.waterboards.ca.gov/water_issues/progra 4.106.3 GRADING AND PAVING. Construction plans shall indicate manage all surface water flows to keep water from entering but 	how the site grading or drainage system will	EVCS shall comply with at least one of the following 1.The charging space shall be located adjacent the California Building Code, Chapter 11A, to a
	water include, but are not limited to, the following:1. Swales2. Water collection and disposal systems		2.The charging space shall be located on an ad Chapter 2, to the building.
	 French drains Water retention gardens Other water measures which keep surface water aw recharge. 	ay from buildings and aid in groundwater	Exception: Electric vehicle charging stations de Building Code, Chapter 11B, are not required to 4.106.4.2.2.1.2, Item 3.
	 Exception: Additions and alterations not altering the dra 4.106.4 Electric vehicle (EV) charging for new construction. New 4.106.4.1 or 4.106.4.2 to facilitate future installation and use of 	v construction shall comply with Sections	 4.106.4.2.2.1.2 Electric vehicle charging stations The charging spaces shall be designed to comply 1.The minimum length of each EV space shall be for a space spac
	equipment (EVSE) shall be installed in accordance with the <i>Cali</i> Exceptions: 1. On a case-by-case basis, where the local enfo	fornia Electrical Code, Article 625.	2. The minimum width of each EV space shall be 9 3. One in every 25 charging spaces, but not less th aisle. A 5-foot (1524 mm) wide minimum aisle sha
	power. 1.2 Where there is evidence suitable to the loc	y or the local utility is unable to supply adequate cal enforcing agency substantiating that additional	12 feet (3658 mm). a.Surface slope for this EV space and the aisle shapercent slope) in any direction.
	 4.106.4, may adversely impact the constructio 2. Accessory Dwelling Units (ADU) and Junior Acparking facilities. 		4.106.4.2.2.1.3 Accessible EV spaces. In addition to the requirements in Sections 4.106.4.2 comply with the accessibility provisions for EV charg spaces and EVCS in multifamily developments shal
	4.106.4.1 New one- and two-family dwellings and townhou dwelling unit, install a listed raceway to accommodate a dedica shall not be less than trade size 1 (nominal 1-inch inside diame service or subpanel and shall terminate into a listed cabinet, be proposed location of an EV charger. Raceways are required to concealed areas and spaces. The service panel and/or subpar	ated 208/240-volt branch circuit. The raceway eter). The raceway shall originate at the main bx or other enclosure in close proximity to the be continuous at enclosed, inaccessible or	1109A 4.106.4.2.3 EV space requirements. 1.Single EV space required. Install a listed raceway circuit. The raceway shall not be less than trade size originate at the main service or subpanel and shall t proximity to the location or the proposed location of
	208/240-volt minimum dedicated branch circuit and space(s) re overcurrent protective device. Exemption: A raceway is not required if a minimum 40-ampere	208/240-volt dedicated EV branch circuit is	raceway termination point, receptacle or charger loc have a 40-ampere minimum dedicated branch circu installed, or space(s) reserved to permit installation
	installed in close proximity to the proposed location of an EV cl accordance with the <i>California Electrical Code</i> . 4.106.4.1.1 Identification. The service panel or subpan	harger at the time of original construction in el circuit directory shall identify the overcurrent	Exception: A raceway is not required if a minimum installed in close proximity to the location or the proconstruction in accordance with the California Electronic Automatical Construction dependence.
	protective device space(s) reserved for future EV chargi location shall be permanently and visibly marked as "EV		2.Multiple EV spaces required. Construction docume location of installed or future EV spaces, receptacles information on amperage of installed or future recep electrical load calculations. Plan design shall be bas raceways and related components that are planned

EN BUILDING STANDARDS CODE

ASURES, SHEET 1 (January 2023)

d in close proximity to the location or the proposed location of the EV space at the time of original ANS. PLANS AVAILABLE FOR 498, 749, OR 1,190 SF. LAYOUTS IN THROUGH THE CITY OF MERCED PRE-APPROVED ADU PROGRAM. DIVISION SERVICES (209) OR AT 385-4773 OFMERCED.ORG FOR MORE INFORMATION.



2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist or are not located reasonably 3. The enforcing agency may make exceptions to the requirements of this section when isolated

4.408.2 CONSTRUCTION WASTE MANAGEMENT PLAN. Submit a construction waste management plan in conformance with Items 1 through 5. The construction waste management plan shall be updated as necessary and shall be available during construction for examination by the enforcing agency.

Identify the construction and demolition waste materials to be diverted from disposal by recycling, reuse on the project or salvage for future use or sale. Specify if construction and demolition waste materials will be sorted on-site (source separated) or Identify diversion facilities where the construction and demolition waste material collected will be

4. Identify construction methods employed to reduce the amount of construction and demolition waste Specify that the amount of construction and demolition waste materials diverted shall be calculated

408.3 WASTE MANAGEMENT COMPANY. Utilize a waste management company, approved by the enforcing agency, which can provide verifiable dccumentation that the percentage of construction and demolition waste material diverted from the landfill complies with Section 4.408.1.

Note: The owner or contractor may make the determination if the construction and demolition waste materials will be diverted by a waste management company.

.408.4 WASTE STREAM REDUCTION ALTERNATIVE [LR]. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 3.4 lbs./sq.ft. of the building area shall meet the minimum 65% construction waste reduction requirement in

4.408.4.1 WASTE STREAM REDUCTION ALTERNATIVE. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 2 pounds per square foot of the building area, shall meet the minimum 65% construction waste reduction

4.408.5 DOCUMENTATION. Documentation shall be provided to the enforcing agency which demonstrates compliance with Section 4.408.2, items 1 through 5, Section 4.408.3 or Section 4.408.4...

> 1. Sample forms found in "A Guide to the California Green Building Standards Code (Residential)" located at www.hcd.ca.gov/CALGreen.html may be used to assist in

2. Mixed construction and demolition debris (C & D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle

4.410.1 OPERATION AND MAINTENANCE MANUAL. At the time of final inspection, a manual, compact

disc, web-based reference or other media acceptable to the enforcing agency which includes all of the

2. Operation and maintenance instructions for the following: a. Equipment and appliances, including water-saving devices and systems, HVAC systems, photovoltaic systems, electric vehicle chargers, water-heating systems and other major

b. Roof and yard drainage, including gutters and downspouts. c. Space conditioning systems, including condensers and air filters.

Information from local utility, water and waste recovery providers on methods to further reduce resource consumption, including recycle programs and locations

5. Educational material on the positive impacts of an interior relative humidity between 30-60 percent and what methods an occupant may use to maintain the relative humidity level in that range. Information about water-conserving landscape and irrigation design and controllers which conserve

7. Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5 8. Information on required routine maintenance measures, including, but not limited to, caulking,

Information about state solar energy and incentive programs available.

10. A copy of all special inspections verifications required by the enforcing agency or this code. 11. Information from the Department of Forestry and Fire Protection on maintenance of defensible

12. Information and/or drawings identifying the location of grab bar reinforcements. 4.410.2 RECYCLING BY OCCUPANTS. Where 5 or more multifamily dwelling units are constructed on a uilding site, provide readily accessible area(s) that serves all buildings on the site and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper,

Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code Section 42649.82 (a)(2)(A) et seq. are note required to comply with the organic waste portion of

DIVISION 4.5 ENVIRONMENTAL QUALITY

The provisions of this chapter shall outline means of reducing the quality of air contaminants that are odorous, irritating and/or harmful to the comfort and well being of a building's installers, occupants and neighbors.

The following terms are defined in Chapter 2 (and are included here for reference)

AGRIFIBER PRODUCTS. Agrifiber products include wheatboard, strawboard, panel substrates and door cores, not including furniture, fixtures and equipment (FF&E) not considered base building elements.

COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, prefabricated wood I-joists or finger-jointed lumber, all as specified in California Code of regulations (CCR), title 17, Section

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

RESPONSIBLE PARTY: CONTRACTOR CONCTRACTOR SHALL: 1. MAKE PROVISIONS AT JUNCTURES IN PROJECT PROGRESS FOR ASSESMEN OF RELEVANT MANDATORY MEASURES 2 CONTACT APPROPRIATE TRADE SUB-CONTRACTOR DESIGN PROFESSIONAL (REFER TO AUTHORS OF DOCUMENT CONTENTS ON COVER SHEET

AND ARRANGE CONFRENCE TO

CONFIRM / ACKNOWLEDGE COMPLIANCE

U \square Ζ Ш Σ 4 Ш Σ Ľ





SITE PLAN I SITE PLAN I DRAFT REL Ž < Ω U Ω - N m

Project Number 2210.2

8/31/2022

CA GREEN BUILDING SHEET 1