

GENERAL

- Provide each bedroom, basement, and habitable attics with a minimum of one exterior window with a 44" maximum clear opening height, 5.7 sq. ft. minimum clear openable area (minimum 5.0 sq. ft. at grade floor openings), 24" minimum clear openable height and 20" minimum clear width, or an openable exterior exit door. (CRC R310.2.1 and CRC R310.2.2) Window wells, ladders, and steps shall comply with CRC R310.2.3. Bars, grilles, covers, and screens shall be releasable or removable from the inside without the use of a key, tool, special knowledge, or forces greater than 15lbs to operate in the emergency escape and rescue openings. (CRC R310.4) **Photovoltaic panels & modules shall not be below an emergency escape and rescue opening. Provide a pathway not less than 36" wide to the emergency escape and rescue opening. (R324.6.2.2)**
- Each bathroom containing a bathtub, shower or tub/shower combination shall be mechanically ventilated with Energy Star approved equipment (minimum 50cfm) with an integral humidistat installed. (CRC R303.3.1)
- Minimum vent area. The minimum net free ventilating area shall be 1/150 of the area of the vented space. Provide minimum of 1" inch of air space between insulation and roof sheathing. (CRC R806)
- Enclosed rafter spaces shall have a 1-inch clear cross ventilation. (Properly sized rafters for insulation) (CRC R806.3)
- Under floor cross ventilation: minimum 1.0 sq. ft. for each 150 sq. ft. of under floor area. When a class 1 vapor retarder is installed on the ground surface the minimum area of ventilation to be limited to 1sq.ft for each 1,500 square feet of under-floor space. One ventilation opening shall be within three (3) feet of each corner of the building (CRC R408.1). Unvented crawl spaces shall comply with CRC R408.3. **Unvented crawl space added option for dehumidification of 70 pints moisture per day per 1,000 sf to requirements for exemption. (R408.3)**
- Exterior balconies and elevated walking surfaces exposed to water, where structural framing is protected by an impervious moisture barrier require construction documents with manufacturer's installation instructions (R106.1.5). Must be inspected and approved before concealing barrier. (R109.1.5.3)**
- Enclosed framing in exterior balconies and elevated walking surfaces exposed to drainage from irrigation from irrigation shall be provided with cross-ventilation area of at least 1/150. (R317.1.6)**
- Provide landings and a porch light at all exterior doors. Landings are to be minimum 3 feet deep x width of door. Landings at required egress doors may step down a maximum of 7.75 inches when the door does not swing over the landing and 1.5 inches when door swings onto the landing. Doors other than the required egress doors shall be provided with landings or floors not more than 7.75 inches below the top of the threshold; a landing is not required if a stair with two or fewer risers is located on the exterior side and the door does not swing over the stairway. (CRC R311.3-R311.3.2)
- Mezzanines shall not be greater than 1/3 of the story unless fire sprinklers are installed then the area can be ½ of the story. (R325.3)**
- The following windows shall be fully tempered: (CRC R308.4)
 - Sliding/swinging glass doors
 - Glazing in walls and enclosures facing hot tubs, spas, whirlpools, saunas, steam rooms, bathtubs, showers and swimming pools. Glazing less than 60 inches above the standing surface within the compartment and within 60 inches horizontally of the water's edge (CRC R308.4.5)
 - Glazing within a 24" arc of a door that is less than 60 inches above the floor. Safety glazing required on a wall less than 180 degrees from the plane of the door in a closed position and within 24" of hinge side of an in-swing door. (R308.4.2)
 - Glazing where the exposed area is greater than 9sq.ft, bottom is less than 18 in. and at least 36 in. above the floor, and adjacent to a walking surface.
 - Within 60in. of the bottom tread of a stairway and less than 36in. above the landing
 - Glazing in guards and railings
 - Glazing adjacent to stairways, landings, and ramps within 36in. horizontally of the walking surface less than 36in. above the walking surface

FOUNDATIONS & CONCRETE SLABS

- Slope drainage 6" within the first 10ft. from the foundation wall. If physical obstructions or lot lines prohibit the 10ft distance, a 2-5 percent slope shall be provided to an approved alternative method of diverting the water away from the foundation. Impervious surfaces shall also be sloped a minimum of 2 percent for 10ft away from structures to an approved drainage way. (CRC R401.3)
- Perimeter footings for 1 story shall extend at least 21 inches into the undisturbed ground surface. Exception: Interior footings shall be a minimum of 12 inches below grade. Width of footing shall be 12 inches. Thickness of footing shall be 6 inches. (SLOMC 15.04.020 DD, EE, FF)
- Concrete slabs: 4 inch minimum concrete over a minimum of 4 inches of clean granular material. Slabs under living areas and garages shall be reinforced with No. 3 bars at 24 inches on center each way placed at midpoint of slab thickness. Slab reinforcement shall extend to within 2 inches of the exterior edge of slabs. Separate from slab with a 6 mil polyethylene vapor retarder with joints lapped not less than 6 inches in living areas. A capillary break shall be installed when a vapor retarder is required. (SLOMC)
- Provide an 18" x 24" under-floor access, unobstructed by pipes or ducts and within 5' of each under-floor plumbing cleanout and not located under a door to the residence, except required. Provide a solid cover or screen. (CRC 408.4 & CPC 707.9)
- Minimum sill bolting: ½" anchor bolts or approved anchors at 6 ft. o.c. maximum for one-story. Embed bolts 7" minimum. The anchor bolts shall be placed in the middle third of the width of the plate. Locate end bolts not less than 4", nor more than 12" from ends of sill members. A properly sized nut and washer shall be tightened on each bolt to plate. (CBC Z308.3.1)

CLEARANCES AND TREATMENT FOR WOOD FRAMING

- Weather exposed glu-lam beams shall be pressure treated or shall be wood of natural resistance to decay. (CRC R317.1.3 & 5)
- All joists, girders, ledgers, structural blocking and support posts/column shall be wood of natural resistance to decay or pressure-treated lumber when exposed to the weather. (CRC R317.1.3)
- Columns in basements when supported on concrete pier or metal pedestals shall be pressure treated or natural resistance to decay unless the pier/pedestals project 1" above concrete or 6" above earth and the earth is covered by an approved impervious moisture barrier. (CRC R317.1.4 exc. 1)
- Columns in enclosed crawl spaces or unexcavated areas located within the periphery of the building shall be pressure treated or natural resistance to decay unless the column is supported by a concrete pier or metal pedestal of a height 8" or more and the earth is covered by an impervious moisture barrier. (CRC R317.1.4 exc. 2)

FLOORS

- Under-floor areas with storage, fuel-fired equipment or **electric-powered** equipment with less than 2x10 solid joists shall be protected on the underside by half-inch sheetrock or a sprinkler system. (R302.13)
 - Balconies must be designed for a minimum live load of 60lbs per square foot. (CRC T-R301.5)
- ## WALLS
- Positive connection shall be provided to ensure against uplift and lateral displacement. (CRC R302.9 & CRC Z304.10.7)
 - All fasteners used for attachment of siding & into pressure treated lumber shall be of a corrosion resistant type. (CRC R317.3)
 - Fire-block in concealed spaces of stud walls/partitions, vertically at ceiling/floor levels, & horizontally at 10ft. intervals. Fire-block at soffits, drop ceilings/similar locations & in concealed spaces at the top/bottom of stair stringers. (CRC R302.11)
 - Provide approved building paper under the building siding and approved flashing at exterior openings. (CRC R703.2) Specify a minimum of 2 layers of Grade D paper over stucco and 2 layers of 15lb felt (or equivalent) under stone veneer.
 - Stucco shall have a minimum clearance to earth of 4 inches and 2 inches to paved surfaces with an approved weep screen. (CRC R703.7.2.1) Masonry stone veneer shall be finished beneath the first course of masonry and provided with weep holes immediately above the flashing. (CRC R703.8.5 and R703.8.6)

ROOF

- Roof sheathing can only cantilever 9 inches beyond a gable end wall unless supported by overhang framing. (R802.5.2.1)**
- Provide a minimum 22" x 30" access opening to attic (CRC R807); may be required to be 30"x30" to remove the largest piece of mechanical equipment per the California Mechanical Code.
- Roof drains/gutters required to be installed per the California Plumbing Code with leaf/debris protection also installed.
- Roof construction and coverings shall comply with CRC Chapters 8, 9 and local ordinance. All roofing shall be tested/listed Class A minimum.
- Asphalt shingles with sloped roofs 2/12 to <4/12 shall have two layers of underlayment applied per CRC R905.2.2.

GARAGE AND CARPORT

- Garage shall be separated from the dwelling unit & attic area by ½ inch gypsum board applied to the garage side. Garage beneath habitable rooms shall be separated by not less than 5/8" type X gypsum board. Structure supporting floor/ceiling assemblies used for required separations shall have ½" gypsum board installed minimum. Door openings from the garage to the dwelling shall be solid wood/steel doors or honeycomb steel doors not less than 1 3/8" thick or a 20-minute rated fire door. Doors shall be self-closing & self-latching. No openings directly into a sleeping room from the garage. When the dwelling and garage has fire sprinklers installed per R309.6 and R313, doors into the dwelling from the garage only need to be self-closing and self-latching. (CRC R302.5.1)
- Ducts penetrating the garage to dwelling separation shall be a minimum of 26 gauge with no openings into the garage. (CRC R302.5.2)
- Penetrations through the garage to dwelling separation wall (other than ducts as listed above) shall be fire-blocked per CRC section R302.11, item #4.
- Garage and carport floor surfaces shall be non-combustible material and slope to drain towards the garage door opening. (CRC R309.1)
- Appliances and receptacles installed in garage generating a glow, spark or flame shall be located 18" above floor unless it is listed as flammable vapor ignition resistant. (CMC 305.1) Provide protective post or other impact barrier from vehicles. (CMC 305.1.1)
- Appliances in private garages and carports shall be installed with a minimum clearance of 6ft above the floor unless they are protected from vehicular impact. (CRC 406.2.9.3)**

STAIRWAYS & RAMPS

- Stair landings required every 151' of vertical rise. (CRC R311.7.3)**
- Exterior stair stringers must be naturally resistant to decay or pressure treated. (CRC R317.1)
- Rise shall be maximum 7.75"; Run shall be 10" minimum; headroom 6'-8" minimum; width 36" minimum, 31.5" between a handrail on one side and 27" with handrails on two sides. Variation between riser heights 3/8" maximum. nosing not less than .75 inches but not more than 1.25 inches shall be provided on stairways with solid risers where the tread depth is less than 11 inches. The leading edge of treads shall project not more than 1.25 inches beyond the tread below. Open risers are permitted, provided the opening between the treads does not permit the passage of a 4" sphere. (Openings are not limited when the stair has a rise of 30' or more). (CRC R311.7)
- Stairways with 4 or more risers shall have a handrail on one side 34" to 38" above the tread nosing. Circular handrails shall have an outside diameter of 1.25"-2"; if not circular, it shall have a perimeter dimension of 4"-6.25" with a maximum cross-sectional dimension of 2.25". See R311.7.8.5 item# 2 for type II handrails with a parameter over 6.25". A minimum clearance of 1.5" shall be maintained from the wall or other surface. Handrails shall be returned, terminate in newel posts, or safety terminals. (CRC R311.7.8)
- Guards shall be 42" minimum height (unless acting as a handrail/guard for a stairway; the guard height may be 34"-38" in height), with openings less than 4" inches clear (guards on the open sides of stairs may have 4 3/8" openings). (CRC R312)
- Provide landings at the top/bottom of the stairway the width of the stairway. The depth of the landing shall be 36" minimum. (see R311.7.6 for exceptions)
- Usable spaces underneath enclosed/unenclosed stairways shall be protected by a minimum of ½" gypsum board. (CRC R302.7)
- Ramps serving the egress door shall have a slope of not more than 1 unit vertical in 12 units horizontal (8.3-percent slope). All other ramps shall have a maximum slope of 1 unit vertical in 8 units horizontal (12.5-percent slope). Exception: Where it is technically infeasible to comply because of site constraints, ramps shall have a slope of not more than 1 unit vertical in 8 units horizontal (12.5-percent slope) (CRC R311.8.1). Provide 3'X3' landings at the top and bottom of ramps, where doors open onto ramps, and where ramps change directions. (CRC R311.8.2)

DECKS

- Guards are required if deck or floor is over 30" above grade, minimum 42" high, with openings less than 4" (CRC R312). Guardrails shall be designed and detailed for lateral forces according to CRC Table 301.5.
- Provide deck lateral load connections at each end of the deck and at deck intersections per CRC R507.9.2. Specify connectors with a minimum allowable stress design capacity of 1,500lbs and installed with 24" of the end of the deck. 750lb rated devices are allowed (DOTT12 as example) if located at 4 points along the deck.
- Posts/columns shall be restrained at the bottom end to prevent lateral displacement; clearly show structural post bases, straps, etc. to achieve this per CRC R407.3
- All joists, girders, structural blocking and support posts/column shall be wood of natural resistance to decay or pressure-treated lumber when exposed to the weather. (CRC R317.1.3)**

ELECTRICAL

- No electrical panels in clothes closets or bathrooms. Maintain a clearance of 36" inches in front of panels, 30" wide or width of equipment and 6'-6" high for headroom. (CEC 240.24 (D) (E) and 110.26
- Provide a minimum 3 lug intersystem bonding busbar at the main electrical service. (CEC 250.94)**
- All automatic garage door openers that are installed in a residence shall have a battery backup function that is designed to operate when activated because of an electrical outage. (CBC 406.2.1)**
- A concrete-encased electrode (ufer) consisting of 20' of rebar or #4 copper wire placed in the bottom of a footing is required for all new construction. (CEC 250.52(A) (3)) Bond all metal gas and water pipes to ground. All ground clamps shall be accessible and of an approved type. (CEC 250.104)
- All 15/20 ampere receptacles installed per CEC 210.52 shall be listed tamper-resistant receptacles. (CEC 406.12)
- All branch circuits supplying 15/20 ampere outlets in family rooms, dining rooms, living rooms, poriors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, kitchens, laundry room or similar rooms/areas shall be protected by a listed combination type arc-fault circuit interrupter. (CEC 210.12)
- Provide a minimum of one 20A circuit to be used for the laundry receptacle. (CEC 210.11(C)(2)) Provide a minimum of one 20A circuit for bathroom receptacle outlets. (CEC 210.11(C)(3))
- Provide at least 1 outlet in basements, garages, laundry rooms, decks, balconies, porches and within 3' of the outside of each bathroom basin. (CEC 210.52 (D), (F) & (G))
- Furnaces installed in attics and crawl spaces shall have an access platform (catwalk in attics), light switch and receptacle in the space. Provide a service receptacle for the furnace. (CEC 210.63)
- All dwellings must have one exterior outlet at the front and the back of the dwelling. (CEC 210.52(E))
- Garage receptacles shall not serve outlets outside the garage. **Exception: Garage circuit may serve readily accessible outdoor receptacle outlets. (CEC 210.11 (C)(4))** A minimum of 1 receptacle shall be provided for each car space. (210.52(C) (1))
- At least one wall switched lighting outlet or fixture shall be installed in every habitable room, bathroom, hallways, stairways, attached garages and detached garages with electrical power, equipment spaces (attics, basements, etc). (CEC 210.70)
- Kitchens, dining rooms, pantries, breakfast nook, and similar areas must have a minimum of two 20A circuits. Kitchen, pantry, breakfast nook, dining rooms, **work surfaces** and similar areas counter outlets must be installed in every counter space 12" inches or wider, not greater than 4' o.c., within 24" inches of the end of any counter space and not higher than 20" above counter. (CEC 210.52 (C)) Island counter spaces shall have at least 1 receptacle outlet unless a range top or sink is installed then 2 receptacles may be required. 1 receptacle is required for peninsular counter spaces. Receptacles shall be located behind kitchen sinks if the counter area depth behind the sink is more than 12" for straight counters and 18" for corner installations. (CEC Figure 210.52(C)(1))
- Receptacles shall be installed at 12' o.c. maximum in walls starting at 6" maximum from the wall end. Walls longer than two feet shall have a receptacle. Hallway walls longer than 10 ft shall have a receptacle in hallways. (CEC 210.52(A))
- Receptacles shall not be installed within or directly over a bathtub or shower stall. (CEC 406.9(C) Light pendants, ceiling fans, lighting tracks, etc shall not be located within 3ft horizontally and 8ft vertically above a shower and/or bathtub threshold. (CEC 410.10(D))
- All lighting/fan fixtures located in wet or damp locations shall be rated for the application. (CEC 410.10)
- GFCI outlets are required: for all kitchen receptacles that are designed to serve countertop surfaces, dishwashers, bathrooms, in under-floor spaces or below grade level in unfinished basements, crawl space lighting outlets, in exterior outlets within 6' of a laundry/utility/wet bar sinks, laundry areas, and in all garage outlets including outlets dedicated to a single device or garage door opener. (CEC 210.8)
- Carbon-monoxide alarms shall be installed in dwelling units with fuel-burning appliances or with attached garages (CRC R315):

- Outside of each separate sleeping area in the immediate vicinity of bedrooms
 - On every level of a dwelling unit including basements
 - Alterations, repairs, or additions exceeding 1,000 dollars (May be battery operated)
- Smoke alarms shall be installed (CRC R314):
 - In each room used for sleeping purposes.
 - Outside of each separate sleeping area in the immediate vicinity of bedrooms.
 - In each story, including basements.
 - At the top of stairways between habitable floors where an intervening door or obstruction prevents smoke from reaching the smoke detector.**
 - Shall not be installed within 20ft horizontally of cooking appliances and no closer than 3ft to mechanical registers, ceiling fans and bathroom doors with a bathtub or shower unless this would prevent placement of a smoke detector (314.3(4)).
 - Alterations, repairs, or additions exceeding 1,000 dollars. (May be battery operated.)
 - All smoke and carbon-monoxide alarms shall be hardwired with a battery backup (smoke alarms shall have a 10-year sealed battery). (CRC R314.4 & R315.1.2)
 - Smoke detectors within 10 feet to 20 feet of the stove shall be ionization type with alarm silencing switch. CRC R314.3.3.**
 - All 15/20 ampere receptacles in wet locations shall have in-use (bubble) covers installed. All receptacles in wet locations shall also be listed weather-resistant type. (CEC 406.9(B)(1))

PLUMBING

- Underfloor cleanouts shall not be more than 5' from an underfloor access, access door or trap door. (CPC 707.9)
- PVC piping shall not be exposed to direct sunlight unless the piping does not exceed 24 inches and is wrapped with not less than 0.04 of an inch thick tape or otherwise protected from UV degradation. (CPC605.12)**
- Underground water supply lines shall have a 1/4 awg blue tracer wire. (CPC 604.10.1)
- The adjacent space next to showers without thresholds shall be considered a "wet location" when using the CRC, CBC, and the CEC. (CPC 408.5)
- Shower compartments, regardless of shape, shall have a minimum finished interior of 1024 square inches (32" by 32") and shall also be capable of encompassing a 30" circle. The required area and dimensions shall be measured at a height equal to the top of the threshold and shall be maintained to a point of not less than 70" above the shower drain outlet. (CPC 408.6) Provide curtain rod or door a minimum of 22" in width. (CPC 408.5) Showers and tubs with showers require a non-absorbent surface up to 6' above the floor. (CRC R307.2) **Minimum shower receptor slope is 1/8" per foot. (CPC408.5)**
- Show location and size of the water heater on plans. Provide pressure relief valve with drain to outside for water heater. (CPC 504.6) Provide seismic strapping in the upper & lower third of the water heater a minimum of 4" above controls. (CPC 507.2) The water heater shall be an instantaneous type or the following shall be provided (new construction only) (CEC 150(n)):

- A 120V receptacles provided within 3ft
- A category III or IV vent, or a straight (without bends) Type B vent
- Condensate drain that is no more than 2 inches higher than the base of the water heater
- Gas supply line with a minimum 200,000 Btu/hr dedicated capacity for the water heater

WILDLAND URBAN INTERFACE (WUI)

- A dedicated 120/240, 3 wire circuit with 10AWG wire to a receptacle outlet within 3' of the water heater. The unused conductor shall be electrically isolated and have a reserved circuit breaker space. Both ends of the conductor shall be labeled "spare" and be electrically isolated. A reserve single-pole circuit breaker space near this circuit labeled "Future 240V (CEC 150.0(n))**
- Domestic hot water lines shall be insulated. Insulation shall be the thickness of the pipe diameter up to 2" in size and minimum 2" thickness for pipes larger than 2" in diameter. (CPC 609.11)
- A 3-inch gravity drain shall be provided at the low point of the space, installed which provides 1/4-inch per foot grade and terminate at an exterior point of the building protected from blockage. The opening shall be screened with a corrosion-resistant wire mesh with mesh openings of 1/4-inch in dimension. Lengths of gravity drains over 10 feet in length shall be first approved by the Building Official. (L-V 8.8)
- Water heaters located in attics, ceiling assemblies and raised floor assemblies shall show a water-tight corrosion resistant minimum 1 ½" deep pan under the water heater with a minimum ¼ inch drain to the exterior of the building. (CPC 507.5)
- Water closet shall be located in a space not less than 30" in width (15" from its center) to a side wall or obstruction) and 24" minimum clearance in front. (CPC 402.5)
- Indicate on the plans that the maximum hot water temperature discharging from a bathtub or whirlpool bathtub filler shall not exceed 120 degrees F. (CPC 408.3)
- Provide anti-siphon valves on all hose bibs. (CPC 603.5.7)
- Floor drains shall be provided with a trap primer. (CPC 1007)
- Clearly label on the plans the maximum water flow rates per the (CGBCS 4.303.1):
 - Water Closets: 1.28gpf
 - Urinals: .125gpf
 - Kitchen Faucets: 1.8gpm @ 60psi
 - Lavatory Faucets: 1.2gpm @ 60psi
 - Showerheads: 1.8gpm

MECHANICAL

- All newly installed gas fireplaces shall be direct vent and sealed-combustion type. (CMC 912.2)
- Any installed wood stove or pellet stove shall meet the U.S. EPA New Source Performance Standard emission limits and shall have a permanent label certifying emission limits.
- Top chimney must extend a minimum of 2 ft. above any part of the building within 10 ft. (CMC 802.5.4)
- Fireplaces shall have closable metal or glass doors, have combustion air intake drawn from the outside and have a readily accessible flue dampener control. Continuous burning pilot lights are prohibited. (CEC 150.0(e))
- Provide combustion air for all gas fired appliances per CMC Chapter 7.
- Gas vents passing through an insulated assembly shall have a metal insulation shield a minimum 2" above insulation. (CMC 509.6.2.7)
- Gas water heater and furnace are not allowed in areas opening into bathrooms, closets or bedrooms unless installed in a closet equipped with a listed gasketed door assembly and a listed self-closing device with all combustion air obtained from the outdoors. (CPC 504)
- Roof top equipment on roofs with over 4/12 slope shall have a level 30"x30" working platform. (CMC 304.2)
- Exhaust openings terminating to the outdoors shall be covered with a corrosion resistant screen ¼"-1/2" in opening size (not required for clothes dryers). (CMC 502.1)
- Vent dryer to outside of building (not to under-floor area). Vent length shall be 14 ft. maximum. Shall terminate a minimum of 3' from the property line and any opening into the building. (CMC 504.4.2)
- Environmental Air Ducts shall not terminate less than 3' to a property line, 10' to a forced air inlet, 3' to openings into the building and shall not discharge on to a public way. (CMC 502.2.1)
- Provide minimum 100 square inches make-up air for clothes dryers installed in closets. (CMC 504.4.1(1))
- Heating system is required to maintain 68 degrees at 3 ft. above floor level and 2ft from exterior walls in all habitable rooms. (CRC R303.10)
- Wood burning appliances shall not be installed in a new or existing project that is not one of the following:
 - A pellet-fueled wood burning heater.
 - A U.S. EPA Phase II Certified wood burning heater.
 - An appliance or fireplace determined to meet the U.S. EPA particulate matter emission standard of less than 7.5 grams per hour for a non-catalytic wood fired appliance or 4.1 grams per hour for a catalytic wood fired appliance and is approved in writing by the San Luis Obispo County APCD.

TITLE 24 ENERGY

- All ducts in conditioned spaces must include R-6 insulation. (150.1(c)9) **Mini-**

2019 GENERAL NOTES SHEET

The general notes sheet is based on the 2019 California Building Standard Codes as amended and adopted by the City of San Luis Obispo. This is not an all inclusive list of code requirements specific to the project. Reference applicable sheets and specific areas of the plans for locations of fixtures/equipment, structural components, structural design criteria, building finishes and other components specific to the project construction. **DISCLAIMER: This document is provided and intended to be used as a guideline. Due to code amendments the end user assumes all responsibility associated with the use of this document, including verification with the full code and its current amendments.**

CODE REQUIREMENTS IN BOLD ARE NEW IN THE 2019 CODE

RESOURCES

City of San Luis Obispo website: www.slocity.org

City of San Luis Obispo Building & Safety Division website: <https://www.slocity.org/government/department-directory/community-development/building-safety>

City of San Luis Obispo Energy Reach Code: <https://www.slocity.org/government/department-directory/community-development/building-safety/clean-energy-choice-compliance>

City of San Luis Obispo Fire Department: <https://www.slocity.org/government/department-directory/fire-department/fire-prevention>

City of San Luis Obispo Municipal Code Title 15 Building and Construction: <https://sanluisobispo.municipal.codes/Code/15>

Construction and Demolition Recycling Program Form: <https://www.slocity.org/home/showpublisheddocument/4390/636844399705170000>

Water Pollution Control Plan Form: <https://www.slocity.org/home/showpublisheddocument/8065/636643306096970000>

San Luis Obispo County Air Pollution Control District: www.slocleanair.org

All 2019 California Codes are viewable online at <https://www.dgs.ca.gov/BSC/Codes>

Contact Numbers:

Planning and Zoning information (805) 781-7170
Building and Safety information (including requests for inspection) (805) 781-7180
Engineering Development Review (805) 781-7170
San Luis Obispo City Fire: (805) 781-7380

PLAN REVIEW COMMENTS

- Projects which disturb less than one acre of soil and are not part of a larger common plan of development which in total disturbs one acre or more, shall manage storm water drainage during construction, one or more of the following measures shall be implemented to prevent flooding of adjacent property, prevent erosion and retain soil runoff on the site (CGBSC 4.106.2):
 - Retention basins of sufficient size shall be utilized to retain storm water on site
 - Where storm water is conveyed to a public drainage system, collection point, gutter, or similar disposal method, water shall be filtered by use of a barrier system, wattle or other method approved by the enforcing agency.
- All new residential construction with attached private garages shall have the following for electric vehicle (EV) charging stations (CGBSC 4.106.4):
 - Install a minimum 1-inch conduit capable of supplying a 208/240V branch circuit to a suitable box location for EV charging. The other end shall terminate to the main service and/or subpanel.
 - The main panel and/or subpanel shall be of sufficient size to install a 40-ampere dedicated branch circuit. The dedicated overcurrent protection space shall be labeled "EV CAPABLE".
- Multiple shower heads serving a single shower shall have a combined flow rate of 1.8 gpm or the shower shall be designed to allow only one shower outlet to be in operation at a time. (CGBSC 4.303.1.3.2)
- Residential projects with an aggregate landscape area equal to or greater than 500 square feet shall comply with either a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscapes and similar areas counter outlets must be installed in every counter space system controllers installed at time of final inspection shall have weather or soil based controllers and/or weather based controllers with rain sensors. Soil moisture based controllers are not required to have rain sensor input. (CGBSC 4.304)
- Recycle and/or reuse a minimum of 65 percent of nonhazardous construction and demolition waste. (CGBSC 4.408.2)
- (Clearly note on the plans) At time of final inspection, a building operation and maintenance manual, compact disc, etc shall be provided containing the following: (CGBSC 4.410)
 - Directions that manual shall remain onsite for the life of the building
 - Operation and maintenance instructions for equipment, appliances, roof/yard drainage, irrigation systems, etc.
 - Information from local utility, water and waste recovery providers
 - Public transportation and carpool options
 - Material regarding importance of keeping humidity levels between 30-60 percent
 - Information regarding routine maintenance procedures
 - State solar energy incentive program information
 - A copy of any required special inspection verifications that were required (if any)
- The project shall meet minimum pollutant control requirements for adhesives, sealants, caulks, paints, carpet, resilient flooring systems, etc. (CGBSC 4.504)
- Duct openings related to HVAC systems shall be covered with tape, plastic, sheet metal or other methods to reduce the amount of water, dust and debris which may enter the system. (CGBSC 4.504.1)