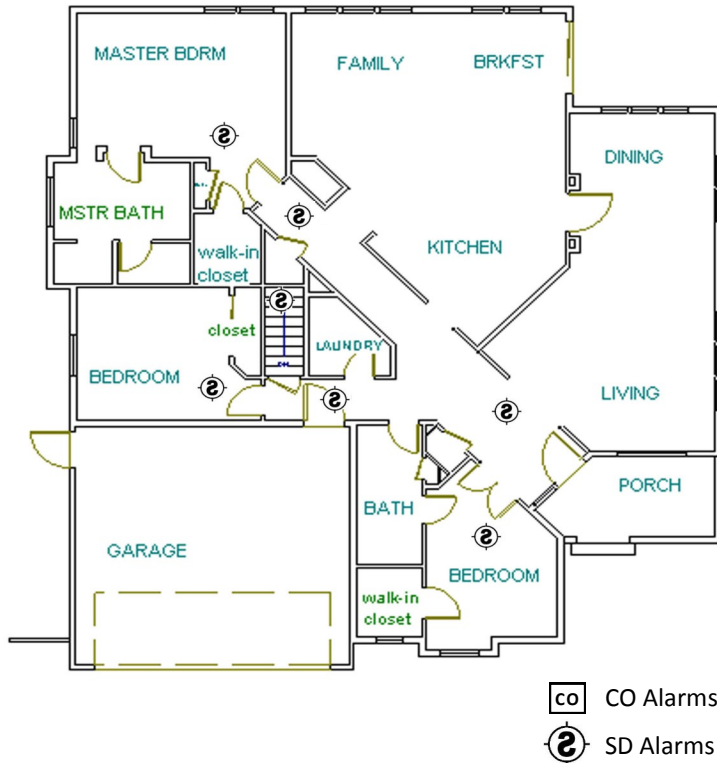


B

SMOKE/CARBON MONOXIDE DETECTOR REQUIREMENTS -RESIDENTIAL OCCUPANCIES-



All residential permits exceeding \$1000 in valuation will require smoke and carbon monoxide detectors throughout the residence. Smoke and carbon monoxide detectors **must** be installed in accordance with the **2013 California Residential code (CRC)** and will be verified at the permit final inspection.

R314.3 Location. Smoke alarms shall be installed in the following locations:

1. In each sleeping room.
2. Outside each separate sleeping area in the immediate vicinity of the bedrooms.
3. On each additional story of the dwelling, including basements and habitable attics but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

2013 CRC* - Section R315.2.6

Carbon monoxide alarms required by Section R315.2 shall be installed in the following locations:

1. Outside of each separate dwelling unit sleeping area in the immediate vicinity of the bedroom(s).
2. On every level of a dwelling unit including basements.

2013 CRC - Section R314.4, R315.2.4, R315.2.5

Smoke alarms and carbon monoxide detectors shall receive their primary power from the building wiring provided that such wiring is served from a commercial source and shall be equipped with a battery back-up. Smoke alarms shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for over current protection. Where one or more smoke alarm/carbon monoxide detectors are required, the alarms shall be interconnected in a manner that activation of one alarm shall activate all of the alarms in the individual unit.

Exceptions:

1. *In existing dwelling units where there is no commercial power supply, the smoke detectors/carbon monoxide alarm may be solely battery operated.*
2. *In existing dwelling units, a smoke detector/carbon monoxide alarm is permitted to be solely battery operated or plug-in with battery back-up where:*
 - A. *repairs or alterations do not result in the removal of wall and ceiling finishes.*
 - B. *repairs or alterations are limited to the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck.*
 - C. *work is limited to the installation, alteration or repair of plumbing or mechanical systems or the installation, alteration or repair of electrical systems, which do not result in the removal of interior wall or ceiling finishes exposing the structure.*

* CRC - California Residential Code