



APPLY ONLINE AT WWW.CITYOFRUC.US/ONLINEPERMITCENTER

SUBMIT ELECTRONIC PLANS ■ TRACK STATUS ■ REQUEST INSPECTION

REQUIREMENTS FOR SMOKE & CARBON MONOXIDE (CO) ALARMS IN SINGLE FAMILY RESIDENTIAL

SMOKE ALARM

Per **CRC 2025 Section R310.2.2**, when alterations, repairs, or additions occur requiring a permit which exceeds **\$1,000**, smoke alarms shall be provided. They may be battery operated per **§R310.6** in the following locations per **§R314.3**:

1. Inside each sleeping area.
2. Outside each separate sleeping area in the immediate vicinity of the bedrooms.
3. On each story within a dwelling unit, including basement.
4. Smoke alarms shall be installed with **36"** of the horizontal path from the supply registers of an FAU or cooling system and not in the direct path of airflow.
5. Smoke alarms shall not be installed within **36"** horizontal path from the fan tip of a ceiling fan.

CARBON MONOXIDE ALARM

Per CRC 2025 §R311.2.2, where alterations, repairs, or additions requiring a permit are made to a dwelling not previously required to be provided with carbon monoxide alarms, or where an addition, fuel-burning heater, appliance, or fireplace is added to an existing dwelling, new carbon monoxide alarms shall be installed. They may be battery operated per **§R311.6** in the following locations per **§R311.3**:

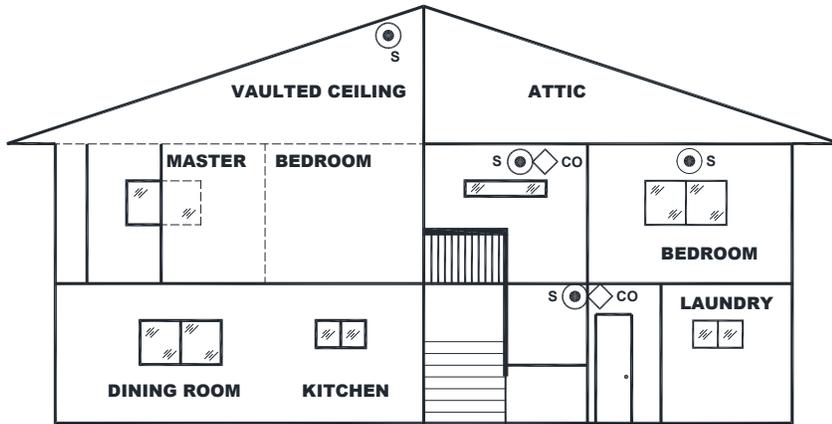
1. Outside of each separate dwelling unit sleeping area in the immediate vicinity of the bedroom(s).
2. On every level of a dwelling unit including basements.
3. If a fuel-burning appliance is installed in a bedroom or in an attached bathroom, a carbon monoxide alarm must be installed inside the bedroom.

Compliance with these requirements will be field verified prior to the final inspection of this building permit project.

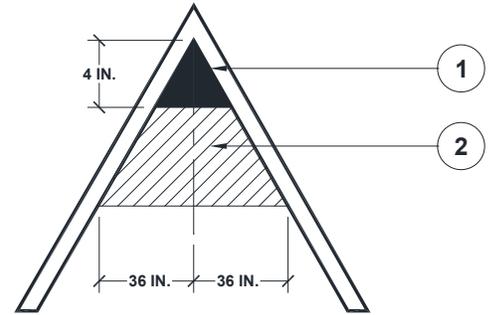
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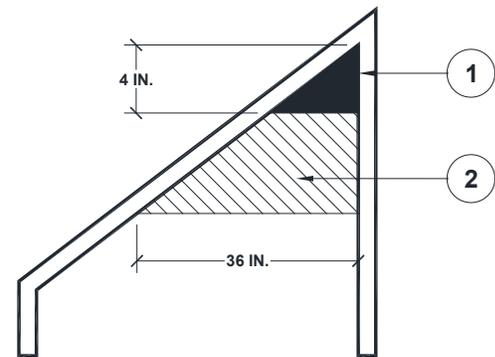
Zack Neighbors, CASp, CBO
Building & Safety Services Director



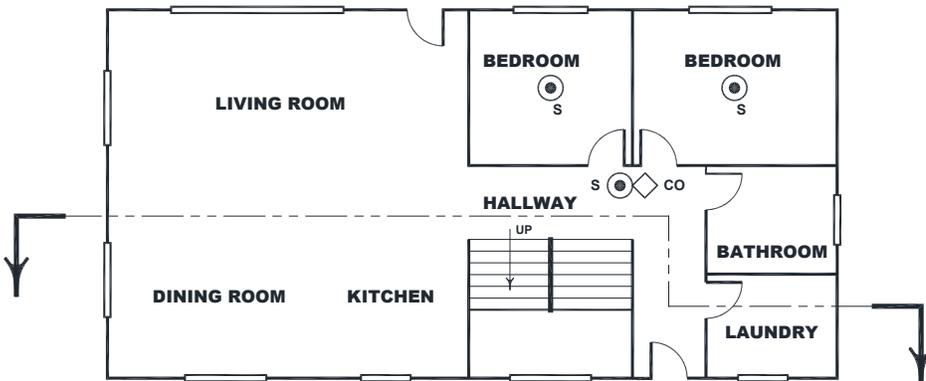
ELEVATION



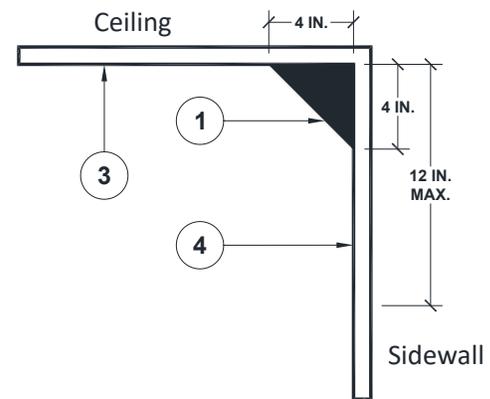
MOUNTING FOR ALARMS WITH PEAKED CEILINGS



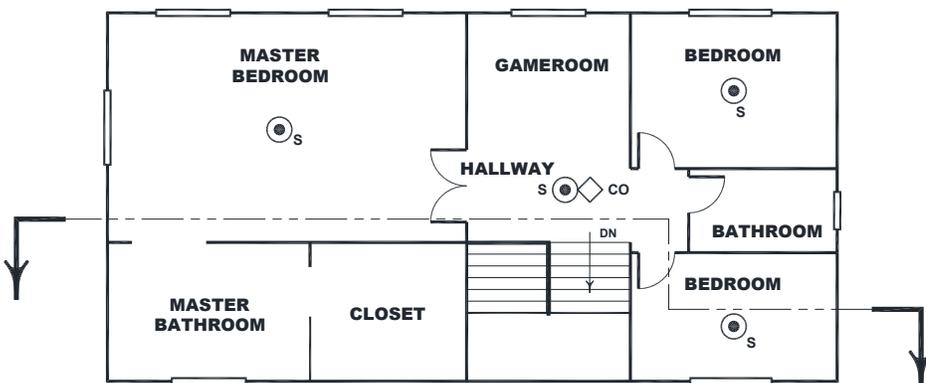
MOUNTING FOR ALARMS WITH SLOPED CEILINGS



1ST FLOOR SITE PLAN



MOUNTING FOR ALARMS ON CEILING OR SIDEWALL *



2ND FLOOR SITE PLAN

SMOKE & CO ALARM LEGEND

Smoke	Carbon Monoxide	Combination

1. Not in this area.
 2. Anywhere in this area
 3. Acceptable
 4. Top of alarm acceptable here
- * Measurements shown are to the closest edge of the alarm.

NOTE

1. Use manufacturer's manual for specific installation instructions.
2. Smoke & Carbon Monoxide Alarm shall be located on the basement ceiling near the entry to the stairs.