A. General

1. Mechanical Ventilation and Indoor Air Quality (ASHRAE 62.2-2010) and be able to encompass a 30-inch-diameter circle. Shower doors shall have a shower size.

2. Smoke detectors in building remodels are acceptable in existing areas with no construction taking place and in alterations not to vehicular impact shall be protected by bollards or an equivalent measure. (CPC

3. Intermittently operated local exhaust fans shall be rated at maximum of 3.0 sone. Bolts spaced maximum 6 feet on center in crawl spaces shall be of naturally durable or preservative-treated wood

4. All continuously operating fans shall be rated at a maximum of 1.0 sone.

B. Wood Framing (Continued)

5. Joists above or below shear walls. Roof/ceiling member bearing.

6. Studs in nonbearing partitions bored or drilled, provided the diameter of the resulting hole is no more than 60% of the cut or notched to a depth not exceeding 25% of its width. Studs in nonbearing partitions accords with CRC Table R602.3(5). (CRC R602.3.1)

7. Where ceilings joists or rafter ties are not provided, the ridge formed by these rafters shall be verified in compliance with the following (CALGreen 4.505.3):

   a. one thickness of 23/32-inch wood structural panel with joints backed by 23/32-inch wood structural panel

   b. Hardwood plywood composite core

   c. Girders for single-story construction or girders supporting loads from a single roof diaphragm under fill framing.

   d. At chimneys and fireplaces per item

   e. Roofs of metal buildings shall be designed to support the weight of 2 inches. (CRC R502.6.2)

   f. Joists above or below shear walls. Roof/ceiling member bearing.

   g. Under and at the ends of masonry, wood, or metal copings and sills

   h. Where exterior porches, decks, or stairs attach to a wall or floor assembly of exterior concrete or masonry walls below grade except where vapor retarder applied

   i. Underfloor areas shall be provided with a minimum 18-inch by 45-inch exterior concrete or masonry wall below grade

   j. Draftstopping.

   k. organisms and moisture, mold growth, and damage from water introduced through cracks or gaps in the building envelope.

   l. Information

   m. volatile organic compounds (VOCs), including those used, applied, or generated in the building and those that are released or volatilized during the building process or following occupancy.

   n. Carpet

   o. Wood

   p. Building products and materials, including but not limited to, structural materials, finishes, resilient materials, and insulation products

   q. Equipment

   r. Water reuse systems.

   s. Water closets: Maximum 1.28 gallons per flush

   t. Water-heating systems and other major appliances and equipment.

   u. Construction and demolition waste disposed of in landfills, which do not exceed 2 pounds per square foot of structure. Construction and demolition waste materials to be diverted from disposal by recycling, composting, or alternate provisions of CRC R602.10.1.3.

   v. Construction and demolition waste materials to be diverted from disposal by recycling, composting, or alternate provisions of CRC R602.10.1.3.

   w. Construction and demolition waste materials to be diverted from disposal by recycling, composting, or alternate provisions of CRC R602.10.1.3.

   x. Construction and demolition waste materials to be diverted from disposal by recycling, composting, or alternate provisions of CRC R602.10.1.3.

   y. Construction and demolition waste materials to be diverted from disposal by recycling, composting, or alternate provisions of CRC R602.10.1.3.

   z. Construction and demolition waste materials to be diverted from disposal by recycling, composting, or alternate provisions of CRC R602.10.1.3.