

## ***Residential Bathroom Requirements***

A permit is required for bathroom remodels that include the replacement of the tub/shower enclosure, relocation of plumbing fixtures or cabinets, or if additional plumbing fixtures will be installed.

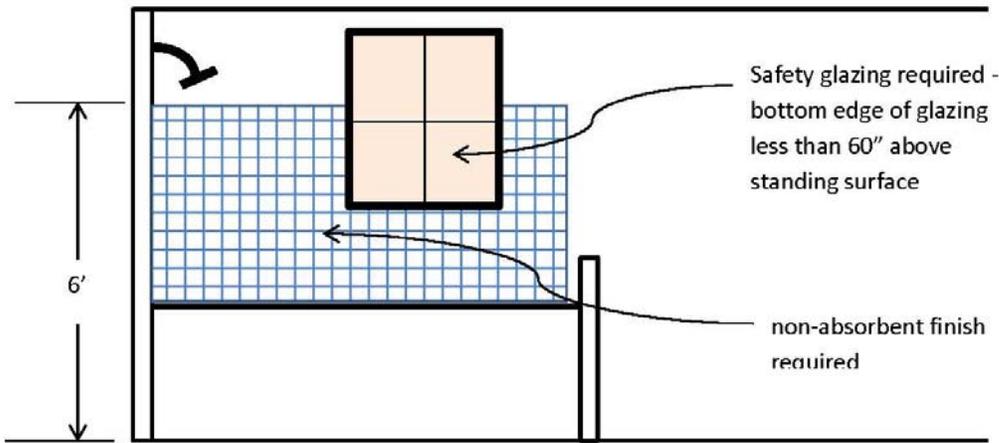
Following is a listing of the general requirements based on the 2016 California Residential Code, 2016 California Electrical Code, 2016 California Plumbing Code, and 2016 California Energy Efficiency Standards. This brochure is intended to provide general information, contact the Permit Center for any questions or additional information.

### **Tub/Shower Requirements**

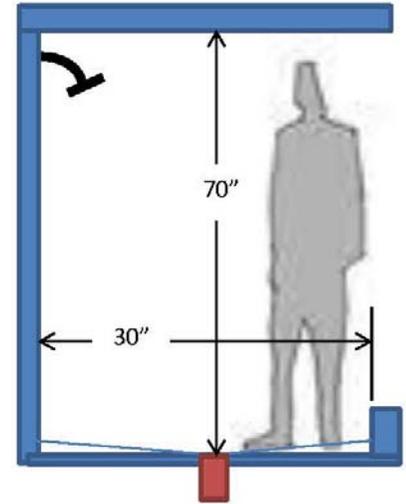
- Any new or replaced mixing valve in a shower (including over a tub) shall be pressure balancing set at a maximum 120° F. Any new or replaced water-filler valve in bathtubs/whirlpools shall have a temperature limiting device set at a maximum of 120° F. The water heater thermostat cannot be used to meet these provisions. (CPC 408.3 and 409.4)
- Shower stalls shall be a minimum finished interior of 1,024 square inches, be capable of encompassing a 30" diameter circle, and any doors shall swing out of the enclosure and have a clear opening of 22" minimum. (CPC 408.5 and 408.6)
- Glazing in any portion of the shower, bathtub, or Hydro-massage tub enclosure shall be safety glazing (i.e. tempered glass) when the bottom edge of the glazing is less than 60" above the standing surface of the unit. (CRC R308.4.5)
- Shower stalls and bathtubs with shower heads installed shall have walls finished with a nonabsorbent surface for a minimum of 6' above the floor. (CRC R307.2)
- Hydro-massage tubs (i.e. Jacuzzi tubs) shall have motor access, a GFCI protected dedicated circuit, and be UL listed. All metal cables, fittings, piping, or other metal surfaces, within 5' of the inside wall of the Hydro-massage tub shall be properly bonded. Hydro-massage tubs shall be bonded with a minimum #8 AWG bare copper wire and the bonding shall be accessible. (CEC 680.60)

### **Electrical/Lighting Requirements**

- All receptacles shall be GFCI protected and tamper-resistant (TR). New/additional outlets shall have a dedicated 20-amp circuit. (CEC 406.12, 210.8, 210.11)
- Exhaust fans are required in all bathrooms, even if an operable window is installed. Exhaust fans and lighting shall have separate control switches (even if a combination unit is installed). The exhaust fan may need to be supplied by a GFI protected circuit based on the manufacturer's requirements.
- Lighting fixtures located within 3' horizontally and 8' vertically of the bathtub rim or shower stall threshold shall be listed for a damp location, or listed for wet locations where subject to shower spray. (CEC 410.10)

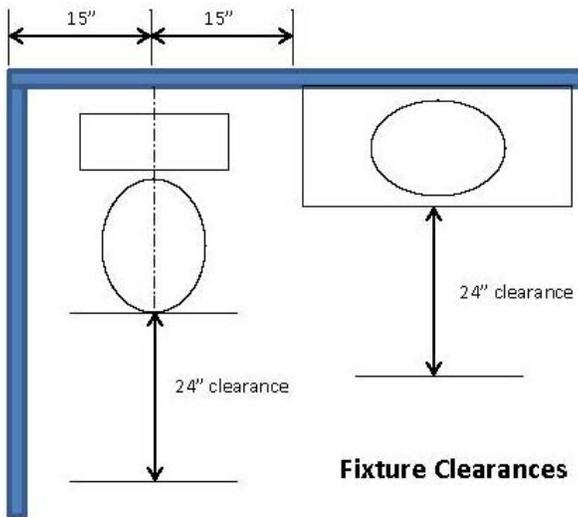


**Bathtub or Shower Enclosures**

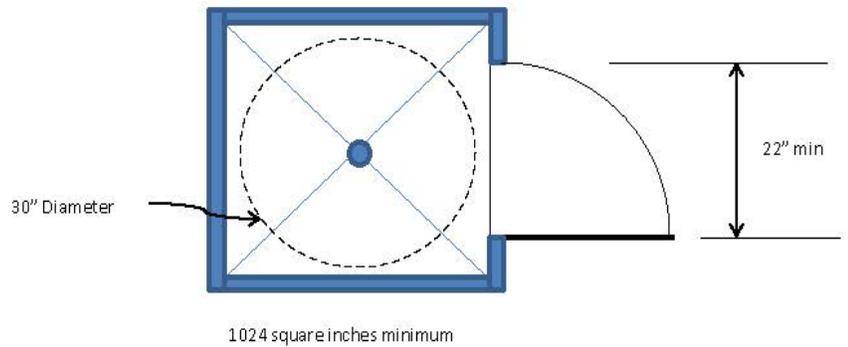


30" diameter must be maintained to a point of not less than 70" above drain

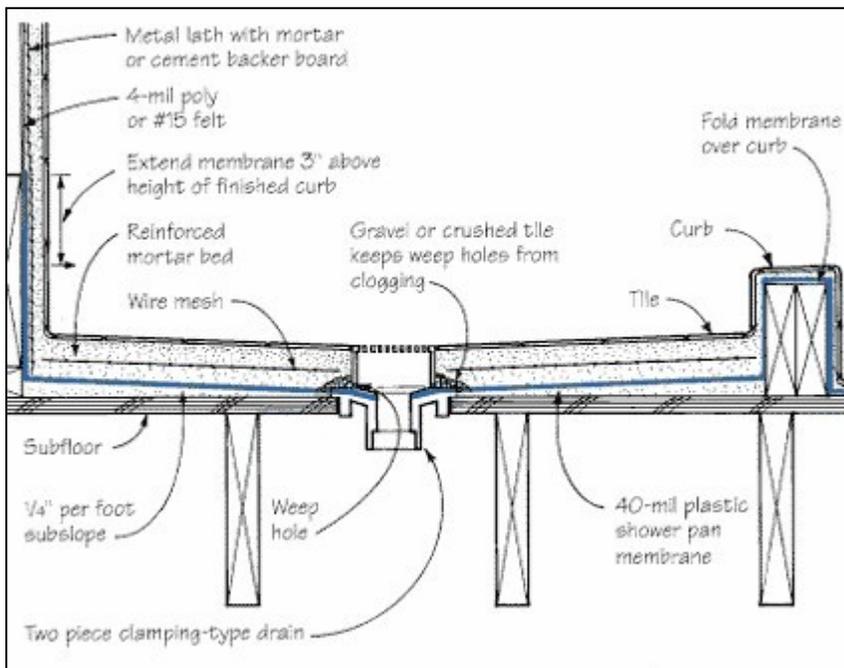
**Minimum Shower Area**



**Fixture Clearances**



**Shower Dimensions**



**Typical shower pan installation for illustration purposes only.**