



# RESIDENTIAL BATHROOMS

CITY OF ALAMEDA - PLANNING & BUILDING  
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## ARCHITECTURAL

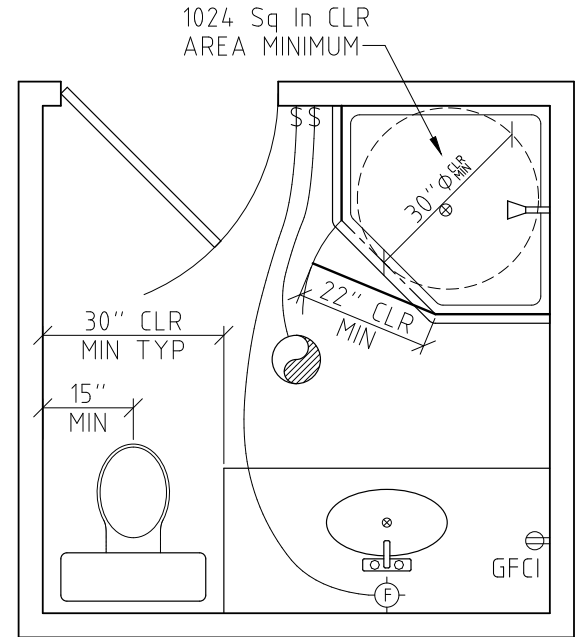
- Bathrooms shall have a ceiling height of not less than 7'-0". [CBC 1208.2]
- The water closet shall be located in a clear space not less than 30" in width. The clear space in front of the water closet shall not be less than 24". [CPC 407.6]
- Shower compartments shall have a minimum finished interior area of 1024 Sq In and shall be capable of encompassing a 30" circle. [CPC 411.7]
- Shower doors shall provide a minimum 22" clear opening. [CPC 411.6]
- Shower compartments and walls above bathtubs with installed shower heads shall be finished with a smooth, nonabsorbent surface to a height not less than 70" above the drain inlet. [CBC 1210.3]
- Glass in bathrooms shall be safety glazing (i.e. tempered) when installed in the following locations [CBC 2406.2 and 2406.3]:
  - Doors and enclosures for hot tubs, saunas, bathtubs and showers.
  - Windows in building walls enclosing hot tubs, saunas, bathtubs and showers where the bottom exposed edge of the glazing is less than 60 inches above the standing surface.

## MECHANICAL

- Rooms containing bathtubs, showers, spas and similar bathing fixtures shall be mechanically ventilated at a minimum rate of 50 cubic feet per minute. [CBC 1203.4.2.1 and CMC Table 4-4]

## ELECTRICAL

- At least one receptacle outlet shall be installed in bathrooms within 3'-0" of the outside edge of each basin. [CEC 210.52(D)]
- GFCI protection is required for all outlet receptacles installed in bathrooms. [CEC 210.8(A)(1)]
- A dedicated 20 Amp circuit shall be provided to specifically serve all bathroom outlets or a dedicated 20 Amp circuit shall be provided to serve the entire load from each bathroom. [CEC 210.11(C)(3)]
- Light fixtures located within tub or shower enclosures are to be labeled suitable for damp locations. [CEC 410.4(A)]



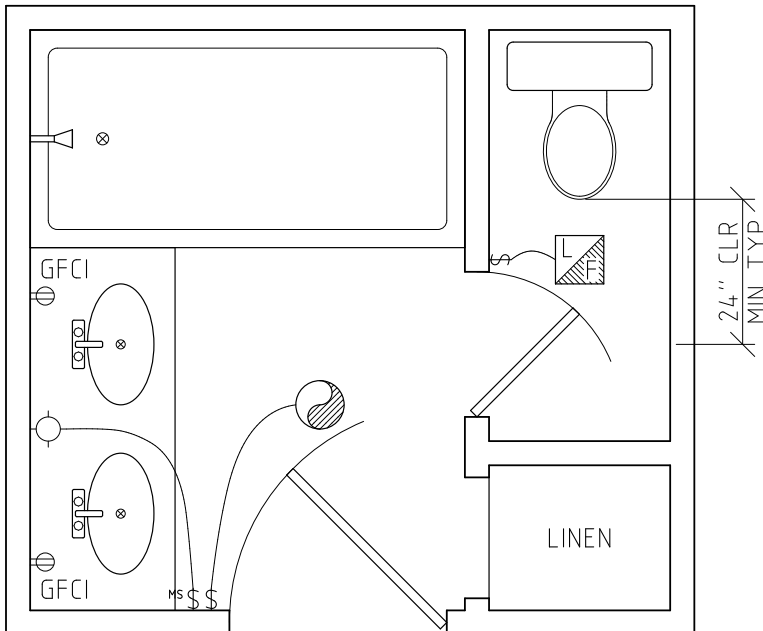
**EXAMPLE 1**

## PLUMBING

- Control valves and shower heads shall be located on the sidewall of shower compartments or be otherwise arranged so that the showerhead does not discharge directly at the entrance to the compartment. [CPC 411.10]
- Shower and tub-shower combinations shall be provided with individual control valves of the pressure balance, thermostatic, or combination mixing valve type that provide scald and thermal shock protection. [CPC 418.0]

## ENERGY

- Permanently installed luminaries located in bathrooms shall be high efficacy unless they are controlled by an occupancy sensor switch. [California Energy Code 150(k)(3)]



**EXAMPLE 2**