



Bathroom Remodeling Handout

Community Development – Building Division
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This handout is a reference guide to single-family dwellings residential bathroom remodeling projects.

Bathroom remodeling that includes the reconfiguration of existing interior layout will require construction plans be drawn on a minimum 11x17 paper showing both the existing residential floor plan and the proposed bathroom floor plan layout.

To expedite the permit issuance, it is important that the construction plans clearly show all proposed work with the following basic requirements per current State of California Code of Regulations Title 24.

- The water closet (toilet) fixture shall have a minimum 30- inch wide clear space at each side and a 24-inch clear space in front of the fixture (CPC 4015)
- Bathtub and shower floor, and wall including bathtub with shower head shall be finished with a nonabsorbent surface up to 6 feet above the floor (CRC R307.2)
- Shower compartments must have a finished interior area of not less than

1,024- in which shall facilitate the minimum diameter of a 30-in circle and have minimum 22-in hinged doors to swing out. (CPC 408.6)

- Shower stall shall have a minimum inside dimension of 32"x32", or a 36"x36" for neo-angle shower stall
- Pressure balanced or thermostatic mixing type shower valves are required for shower and tub-shower combination. (CPC 417.5)
- Windows inside the bathroom where the bottom exposed edge of the glazing is less than 60 inches measured vertically above standing or walking surface shall be safety glazing. (CRC R308.4.5)

Environmental Air

- A mechanical ventilation system (environmental exhaust fan) controlled by humidity control is required (CalGreen 4.506.1, CRC R303.3.1, CMC 402.5)

Electrical Requirements

- At least one 20-amp branch circuit is required to supply the bathroom receptacle outlet(s). This circuit cannot supply any other outlet, lights, fans, etc. (CC Art 210.11 (C) (3))
- All bathroom receptacles shall be tamper resistant receptacles, GFCI protected. (CEC Art 210.8(A)(1))
- Main light fixtures shall be high efficacy (fluorescent/LED) luminaires and be controlled by wall switch. Other

supplemental lighting shall be provided with a separate wall switch (CEC Art 210.70 (A)(1))

- Low-efficacy luminaires (Incandescent light) are allowed if they are controlled by a manual-on occupant sensor. Occupancy sensor must be manual on/off and automatic off. (CA Energy Standards 150(k) 10,12)

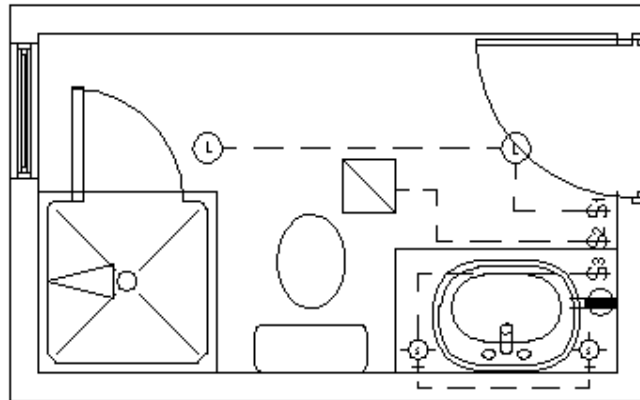
Water Conservation Measures (CPC 403, 408, CGBSC 301.1.1)

- Toilets 1.28 gal. / flush
- Showerheads 2.0 gal. / min.
- Lavatory 1.3 gal. / min.

Smoke and Carbon Monoxide Alarms (CRC R314, R315)











- Smoke alarm shall be installed in each sleeping room and each additional story of the dwelling.
- A combination smoke and carbon monoxide detector shall be installed in a centrally located area.

BATHROOM REMODELING



FLOOR PLAN

LEGEND

- | | | | |
|---|---|---|---|
|  | Toilet 1.25 gal./flush |  | Mechanical Ventilator |
|  | Lav. Faucet |  | LED Primary Lighting |
|  | 32"x32" Shower stall
2.0 gal / min shower head |  | Supplemental Lighting |
|  | When using neo angle
min. dimension 36"x36" |  | GFCI Outlet on a Dedicated |
|  | Window with safety glazing |  | Primary switch to control
Primary lighting |