



RANCHO PALOS VERDES BUILDING & SAFETY DIVISION

BATHROOM REMODELING REQUIREMENTS

The following is a partial list of the 2019 code requirements applicable to a bathroom remodel

ELECTRICAL

- Provide a 20 AMP GFCI electrical outlet within 36" of each sink
- A minimum of (1) 20 AMP circuit is required for bathrooms. Such circuits shall have no other outlets. This circuit may serve more than one bathroom.
- A bathroom exhaust fan is required regardless of the presence of a window. The fan must be humidity controlled and switched separately from the lighting system. If toilet is separated by door, additional fan is required.
- GFCI protect outlets for whirlpool tubs.
- No pendant light fixtures in a zone 3' away and 8' above bathtub
- Recessed lighting at tub/shower to be suitable for damp locations, provided with a solid lens.
- All luminaires in bathroom to be high efficacy, with at least one controlled by a vacancy sensor.
- Recessed luminaires installed in an insulated ceiling shall be IC rated (zero clearance) and shall be sealed or gasketed between ceiling and housing.

PLUMBING

- Provide tempered glass at tub/shower doors and at windows less than 60 inches from tub/shower drain.
- Shower and tub/shower control valves shall be pressure balancing/thermostatic.
- Maximum flow rates: Toilets = 1.28 GPM; Shower heads = 2.5 GPM

Sink faucets = 2.5 GPM

- Minimum shower size is 1024 square inches (30" circle)
- Site built shower stalls shall comply with CPC 408.7
- Whirlpool bathtubs shall have an accessible panel
- Stall shower door to open out with minimum 22" opening.
- Toilet/Bidet minimum 15" from center to wall, 24" clear in front.
- Maximum 3 toilets on 3" waste line
- 12" x 12" min. access to slip joint tub trap and whirlpool tub motor.

- All construction must meet 2019 CRC, CMC, CEC and CPC codes.
- As part of a remodel project smoke detectors will be required in all bedrooms, adjoining halls and at each floor per the building code. Carbon monoxide alarms required in hallway or immediate area leading to bedrooms and one on each floor.

EXAMPLE FLOOR PLAN

Floor Plan Keynotes:

1. (E) window - no change
2. (N) LED wall mount light
3. Duplex receptacle with GFCI protection
4. Exhaust fan with humidity sensor 50 cfm
5. (N) Water closet with a 24"x30" clearance min.
6. (N) Shower stall with 30" circumference minimum
7. (N) whirlpool bath
8. (N) switch with vacancy sensor

