



CITY OF DIXON
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Building Info Building@cityofdixon.us

Bathroom Remodel

- 1) Visit the Dixon Civic Access Portal here City of Dixon, CA and log-in or create a profile
- 2) Refer to the On-Line Permit Submittal Guidelines located here Welcome to the Official Website of the City of Dixon, CA - Forms, Fees, and Permits for help with your submittal.
- 3) Select Building (Residential)-permit type and alteration/remodel/repair-work class
- 4) NOTE: One of the following (3) three categories will be used to fee your project so please be accurate with your description and scope of work.
 - a. BLD – Direct replacement (No Structural or Trades)
 - b. BLD – Direct replacement (No Structural w/ Trades)
 - c. BLD – Not Direct Replacement (Structural)

“**Structural**” any alteration/replacement/addition of a wall assembly, floor assembly, ceiling assembly, window (unless direct replacement), column, beam, header, etc.

“**Trades**” any plumbing, mechanical, electrical or building tasks or work required to complete the project.

- 5) Must provide plans and scope of work showing existing and proposed location of toilets, vanities, showers, tubs, cabinets, etc. Include all new and existing electrical (i.e. receptacles, switches, lighting, fans, etc.)
- 6) Provide and submit the scope of work **with** your plans.
- 7) Complete all required fields in your DCAP dashboard as prompted. (1) **Location**, (2) **Type** (number 3 above), (3) **Contacts**, (4) **More Info**, (5) **Attachment** (all drop-box tiles need to be submitted), (6) **Signature** and (7) **Review and Submit**.

Summary of Common Code Requirements Below

- a. All receptacles must be GFCI protected and tamper resistant type. CEC 210.8A, CEC 406.12
- b. All replaced lighting shall be high efficacy. JA8- compliant trim kits are OK CEC 150.0K
- c. At least one light in the bathroom shall be controlled by manual-on occupancy sensor. CEC 150.0(k).2A-G
- d. All new light fixtures that are to be recessed into insulated ceilings (can lights) shall be insulation contact (IC) rated and air tight type and cans above tubs and within shower enclosures must also be rated for wet locations. CEC150(k).C, CEC 410.116A2, CEC410.10A
- e. Fixture flow rate subject to current CGC; shower head 1.8 GPM, lavi 1.2 GPM and water closet 1.28 gpm. CGC4.303
- f. Install or provide smoke alarms and carbon monoxide alarms where required.
- g. Exhaust fan is required and must be controlled by a humidity sensor if ceiling drywall is replaced or opened or if the fan is new or replaced. CEC150.0(o)1G
- h. All replaced receptacles shall be tamper resistant type. CEC406.12
- i. Shower pans must slope 1/4” per foot to the drain. CPC 408.7
- j. Individual shower or tub shower valve or control must be pressure balance, thermostic or combination. CPC408.3

- k. Bathtubs shall control discharge temperature of water to maximum 120° F. CPC408.3
- l. Shower compartments shall be a minimum of 1,024 sq. in. and capable of encompassing a 30" circle to a point not less than 70" above the shower drain. CPC408.6
- m. Control valves and showerheads shall be located on the side wall of the shower compartment(s) so the shower head does not discharge directly at the entrance and the bather can adjust the valves prior to stepping into shower supply. CPC408.9
- n. Tub/shower requires 1½" trap and trap arm and shower stall requires 2" trap and trap arm.
- o. For a bathtub to shower retrofit, a 1 ½ inch trap and trap arm shall be permitted with a maximum shower size of 36 inch width and 60 inches in length. CPC T702.1 **Note 9**
- p. Electrical receptacle is required within 3' of water's edge. (rim of each sink) CEC210.52D
- q. Dedicated GFCI receptacle for pumps on Jacuzzi tubs CEC680.71 shall be accessible within 12 inches of access opening with motor bonded. CEC680.74, with removeable access panel CPC 409.6
- r. Tempered glazing required in tub and/or shower enclosures if bottom edge is within 60" horizontally of drain inlet. CRCR308.4.5
- s. Clearance for toilets must be 15" to centerline on either side and 24" in front. CPC402.5
- t. Receptacles (GFCI) shall be minimum 3 feet horizontally or 8 feet vertically from tub/shower enclosure (bathtub rim or shower stall threshold) CEC406.9C and GFCI all recpts within 6 feet of tub/shower CEC210.8A9
- u. Tempered glass required per CRCR308.4.5. All glass within 60" (horizontally) of water's edge and bottom edge lower than 60" to walking surface. CRCR308.4.5
- v. No switches within shower enclosure CEC404.4C

Tile Shower Walls/Surrounds:

It is prohibited to use adhesive applied tile shower walls over water resistant gypsum board (Green Board).

The following construction will be acceptable:

- Any listed product that is installed per the manufacturer's installation instructions. The instructions must show the (1) vapor barrier (if required), (2) spacing and type of nails or screws, (3) how the joints and corners are sealed.
- Traditional mortar bed over paper and wire is also an approved method.

Other materials/methods that provide equivalent protection may also be approved. If you wish to use alternate methods or materials, submit specifications, installation instructions, and ICC Report (or other listing agency report) with permit application.

Roll-in Showers:

Roll-in Shower floors must have one of the following:

- 1) Raised rubber threshold (wood framed floor)
- 2) Moisture protection for the entire floor
- 3) Sloped shower pan

Inspections will consist of any or all of the following as applicable:

- Rough framing, plumbing and electrical before wall covering is installed
- Insulation if exterior walls are involved
- Wall covering attachment
- Moisture barrier
- Shower pan test if a new built-up or membrane shower pan is installed
- Final which will consist of:
 1. Full inspection of all work included on the permit
 2. Location and operability of required smoke and carbon monoxide alarms
 3. Collection of all required forms
 4. Sign Water Conservation Self-Certification form (See Owner Builder Form) prior to final.
 5. Provide or install smoke alarms and carbon monoxide alarms where required. (See Smoke and CO Handout on the Owner-Builder form)