This drawing depicts minimum code requirements per the 2019 California Code Cycle - information is for reference only, and is not a substitute for accurate drawings prepared for each proposed construction project.

### BATH & KITCHEN REMODEL EXAMPLE

**555 Your House Way, Santa Rosa, CA**

**Occupancy Class:** R1 (Single Family Residential)

**Construction Type:** VB (Construction of any Material)

**The sprinklered, yes or no?**

**Plans by:***

**Fire Sprinklered:**

**Construction Type:**

**Occupancy Class:**

### Plans

1. **Maximum Flow Rates for New Fixtures:**
   - Water closets (toilets): 1.28 gallons per flush
   - Showerheads: ≤ 1.8 gallons per minute
   - Bathroom faucets: ≤ 1.2 gallons per minute
   - Kitchen faucets: ≤ 2.5 gallons per minute

2. **Electrical Notes:**
   - Ground fault circuit interrupter protection shall be provided at electrical outlets in bathrooms, garages, outdoors, crawl spaces, unfinished areas, kitchens, laundry rooms, and within 6'-0" of bathtubs, shower stalls, or sinks (CEC 210.8(A)).
   - Provide a minimum of (1) separate 20A circuit to supply bathroom receptacle outlets (CEC 210.11(C)).
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   - Provide a minimum of (1) separate 120V, 20A circuit to supply bathroom receptacle outlets (CPC 101.11(C)).
   - Provide a minimum of (2) 20A circuits for outlet receptacles not listed in Items 5 - 7 (CEC 210.11(C)).

3. **Plumbing Fixture Efficiency Notes:**
   - Provide a minimum of (1) separate 20A circuit to supply plumbing fixture outlet(s) to a height of 6' minimum above finished floor (CRC R302.5.1).

### Footnotes

- **Lighting Notes:**
  - All lighting must be high efficacy** (CEC 150.50(k)(1))
  - Exhaust fans shall be controlled separately from lighting systems (CEC 150.50(k)(2)(a))
  - Lighting shall have readily accessible wall-mounted controls that allow the lighting to be manually turned on and off (CEC 150.50(k)(2)(b))
  - Under-cabinet lighting shall be controlled separately from ceiling-installed lighting (CEC 150.50(k)(2)(c)(b))
  - In bathrooms, garages, laundry rooms, & utility rooms, at least one luminaire in each of these spaces shall be controlled by an occupant or vacancy sensor (CEC 150.50(k)(2)(c)(d))

- **Accessibility Notes:**
  - If altering walls - provide information on header sizes, wall framing sizes and spacing, connection at top and bottom of wall, typical fasteners/connections, if interior walls support load from above or are part of a braced wall line, provide information for the framing supported above, the framing/foundation supporting (below), & information per ***

- **Providing a typical fastener list or table similar to CRC Table R620.2(2) is a good way to represent much of the necessary information**

### Plan Details

- **Shower control valves and shower heads must be arranged so that the shower head does not discharge directly at the entrance to the compartment and the bather can adjust the values prior to stepping into the shower spray (CPC 408.9).**
- **Glass is to be tempered if within 60" of drain level (CRC R308.4.5).**
- **Provide water resistant backer board and non-absorbent surfaces at the tub/shower enclosure to a height of 6' minimum above finished floor (CRC R307.2).**
- **If adding or expanding openings in braced wall lines, specify sufficient framing.**

### References

- CPC 420.2.2, CPC 407.2.2, CPC 411.2, CPC 408.2, CPC 409.2, CPC 407.2

**City of Santa Rosa Planning & Economic Development - Building Division**

**Last Updated:** 09 June 2021

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