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**CONCRETE CURBS IN WOOD FRAME BUILDINGS**

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**Disciplines:** Structural**History:** Revised 06/13/23  
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Division of the State Architect (DSA) documents referenced within this publication are available on the [DSA Forms](#) or [DSA Publications](#) webpages.

**PURPOSE**

This Interpretation of Regulations (IR) clarifies requirements for six-inch high concrete curbs at exterior walls and shower/toilet partitions on construction projects under DSA jurisdiction.

**SCOPE**

This IR is applicable to the design and construction of exterior wood framed walls and interior wood framed walls at shower or toilet rooms.

**BACKGROUND**

California Building Code (CBC) Section 2304.12.1.4.1 requires wood framed walls at shower or toilet rooms (with more than two plumbing fixtures) and exterior locations be constructed on concrete curbs at least six inches tall.

**1. EXTERIOR WALLS**

The curb required by CBC Section 2304.12.1.4.1 may be omitted if both the following conditions are met:

- Exterior ground surface is paved for 18 inches and sloped away from the building.
- Roof overhang length is equal to or greater than the height of the exterior wall.

**2. SHOWER AND TOILET ROOMS**

**2.1** In lieu of the six-inch high curb required CBC Section 2304.12.1.4.1, one of the following protection methods, extended a minimum of six-inches up from the finish floor level, may be submitted for approval:

**2.1.1** Continuation of hot-mopped floor membrane.

**2.1.2** Continuation of epoxy resin floor surfacing.

**2.1.3** Copper floor pan.

**2.1.4** Other equivalent products that will prevent water seepage under the wall or partition.

**2.2** The requirements for exterior wall curbs remains as per the referenced requirements.

**2.3** For toilet rooms of relocatable buildings, continuous vinyl flooring with fully sealed joints extending a minimum of six-inches up from the finish floor level is acceptable.

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**REFERENCES:**

California Code of Regulations, Title 24  
Part 2: California Building Code, Section 2304.12.1.4.1

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This IR is intended for use by DSA staff and by design professionals to promote statewide consistency for review and approval of plans and specifications as well as construction oversight of projects within the jurisdiction of DSA, which includes State of California public schools (K–12), community colleges and state-owned or state-leased essential services buildings. This IR indicates an acceptable method for achieving compliance with applicable codes and regulations, although other methods proposed by design professionals may be considered by DSA.

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