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Deputy Division Chief

Office of Statewide Health Planning and Development
Facilities Development Division

Accessibility Highlights

CALIFORNIA BUILDING CODE 2013

The Great Seal of the State of California
Who field verifies accessible path of Travel?

a. Architect
b. Owner
c. IOR
d. OSHPD
e. None of the above.
Accessibility Regulations Overhaul

A Paradigm Shift – and Reversal in Philosophy
Total Change in Organization of CBC Chapter 11B (to match ADA)
Where to find applicable Sections – Chapter 11B Reference Chart
2013 CBC Standards became effective January 1, 2014.
The changes are more restrictive, less restrictive, and some use a different metric.
These changes affect ongoing construction, planned construction, and barrier removal in existing facilities.
Examples of Code Changes

Toilet compartment grab bar height and type (less stringent)

- Previous Code (2010 CBC) 33” height absolute measured to the centerline; L-shaped not previously allowed in water closet/toilet compartments
- Current Code (2013 CBC) 33-36” measured to the top; L-shaped allowed if rear and side are same height.
Examples of Code Changes

CENTERLINE OF TOILET (LESS STRINGENT)

- **2010** CBC 18” absolute
- **2013** CBC 17-18”
- **2010** Americans with Disabilities Act is 16-18”
Examples of Code Changes

Single accommodation toilet room clearance (more stringent)

• 2010 CBC 28” between edge of toilet and fixture
• 2013 CBC min 60 wide clearance around water closet/toilet.
11B-103 **Equivalent Facilitation.**

Nothing in these requirements prevents the use of designs, products, or technologies as alternatives to those prescribed, provided they result in substantially *equivalent or greater* accessibility and usability.
11B-104 **Conventions**
11B-104.1: Dimensions (maximum / minimum absolutes and tolerances)
11B-104.2: Calculation of Percentages (in number – round up)

11B-106 **Definitions** (listed but defined in CBC 202)

11B-108 **Maintenance of Accessible Features** (required)
**Division 2  Scoping Requirements**

11B-201 **Application** *(All areas shall comply with these requirements)*

11B-202 **Existing buildings and facilities**

11B-202.2 **Additions** *(each addition shall comply as new construction)*

11B-202.3 **Alterations** *(each altered element shall comply and include the path of travel requirements to the altered area, entrance, toilets, drinking fountains, telephones, signage and where possible parking, storage and alarms, same as before)*

**Technically infeasible:** In alterations, where the enforcing authority determines ...
11B-223 Medical Care and Long-Term Care Facilities.

11B-223.1.1 Alterations: (entire wing/department vs. individual rooms)

11B-223.2.1 Facilities not specializing in treating conditions that affect mobility (10%, but not less than 1, of patient rooms shall be accessible)

11B-223.2.2 Facilities specializing in treating conditions that affect mobility (100% of patient rooms shall be accessible)
Division 3 Building Blocks

11B-302 Floor or Ground Surfaces (stable, firm, slip resistant, carpet requirements, grate openings)

11B-303 Changes in Level (¼” vertical + ¼” bevel maximum or ramp)

Figure 11B-303.3 Beveled Change in Level
11B-304  **Turning Space** (60” circle or “T” shaped space)
11B-403 **Walking Surfaces** (36” clear min, 42” at turns, 60” passing space, handrails at slopes less than 1:20 comply with 11B-505)

11B-404 **Doors, Doorways and Gates** (32” min clear width, maneuvering clearances per chart – same, opening force, door surfaces, power doors)

11B-405 **Ramps** (slope, cross slope, width, maximum rise, landings, doorway encroachment, edge protection, curb/barrier)
11B-406 **Curb Ramps** (perpendicular, parallel, blended transitions, islands)

11B-407 **Elevators** (call controls, hall signals, hoistway signs, door requirements, car requirements, car controls, emergency communication, support rail, etc.)
11B-502 Parking Spaces

11B-502.2 Vehicle Spaces (9’ wide x 18’ long car space and 12’ wide x 18’ long van accessible space – additional van width is in the stall not the aisle)
11B-602 Drinking Fountains (clear space, etc.)

11B-602.5 Spout location (15” from wall, 5” to front)
11B-703  **Signs**

11B-703.1.1  **Plan Review and Inspection**
(plans/specifications reviewed in plan check, field inspected after installation, and final approval - TIO)

11B-703.2  **Raised Characters** (profile, case, height, etc.)

11B-703.3  **Braille** (dimensions)
11B-703 Signs

11B-703.4 Installation Height and Location
(48” to base of bottom line and 60” maximum to base of top line, centered on 18” x 18” clear space)
Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door.
FIGURE 118-703.4.2
LOCATION OF TACTILE SIGNS AT DOORS

- 45°
- 18 min
- centered on tactile characters
- 18 min
- 457
11B-703  **Signs**

11B-703.5  **Visual Characters** *(height chart)*

11B-703.6  **Pictograms** *(finish, contrast, etc.)*
11B-703.7 **Symbols** *(International Symbol of Accessibility)*

11B-703.7.2.6 **Toilet and Bathing Facilities**

**Geometric Symbols** *(equilateral triangle and circle, unisex)*
11B-705  Detectable Warnings and Detectable Directional Texture

11B-705.1  Detectable Warnings (dome size and spacing, square grid, radial pattern, contrast, yellow color required except at curb ramps, islands & medians)
11B-705.1.2 Locations (curb ramps, islands/medians, hazardous vehicle areas, reflecting pools, and track crossings.)
11B-705.3 Product approval. Only approved DSA-AC detectable warning products and directional surfaces shall be installed as provided in the California Code of Regulations Chapter 5, Articles 2,3, &4.
11 B-706 Assistive listening systems

• 11B-706.1 General. Assistive listening systems required in assembly areas, conference and meeting rooms shall comply with Section 11 B-706.

• 11B-706.2 Receiver jacks. Receivers required for use with an assistive listening system shall include a 1/8 inch (3.2 mm) standard mono jack.
Chapter 11B, Accessibility Regulations

Division 8  Special Rooms, Spaces and Elements

• 11B-803  Dressing, Fitting and Locker Rooms

• 11B-803.2  Turning Space (60” circle or “T” shaped space per 11B-304)

• 11B-803.3  Door Swing (shall not swing into the room unless the turning space is provided beyond the arc of the door swing)
11B-803.4 **Bench**es (24” wide x 48” long at 17”-19” high with back support - comply with 11B-903)

11B-803.5 **Coat Hooks and Shelves** (coat hooks - comply with reach range per 11B-308, shelving between 40” and 48”)

11B-803.6 **Mirrors** (full-length 18” wide x 54” high w/ bottom at 20” maximum, position for bench and standing viewing)
Accessibility Regulations

Division 8  Special Rooms, Spaces and Elements

11B-805  Medical Care and Long-Term Care Facilities

11B-805.1  General (all common-use and public-use spaces shall comply)

11B-805.2  Patient Bedrooms and Resident Sleeping Rooms (handwashing fixtures comply with 11B-606, 36” clear space along full length of each side of bed)
11B-805.3 **Waiting Rooms** (5% of seating shall be wheelchair spaces – 10% for facilities serving facilities specializing in treating conditions that affect mobility, comply with 11B-802.1 – wheelchair spaces)
Division 8  Special Rooms, Spaces and Elements

11B-805.4  Examination, Diagnostic and Treatment Rooms

11B-805.4.1  Beds, Exam Tables, Procedure Tables, Gurneys and Lounge Chairs –
A 36” minimum wide clear space shall be provided along the full length of each side of beds, exam tables, procedure tables, gurneys and lounge chairs.

**Exception**: General exam rooms in non-emergency settings may provide clear space on only one side of beds, gurneys and exam tables.
11B-805.4.2 Equipment - Clear space complying with 11B-305.2 shall be provided as required for specific equipment.

11B-805.4.3 Turning Space (60” circle or “T” shaped space per 11B-304)
Division 8  Special Rooms, Spaces and Elements

11B-805.4 Examination, Diagnostic and Treatment Rooms
## Accessibility Regulations

The 2010/2013 Chapter 11B Reference Chart Example

If you know where it used to be, you can find its new location:

### 2010/2013 CBC CHAPTER 11B REFERENCE CHART

(Partial listing of applicable Sections)

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Website for entire DSA Chart

http://www.dgs.ca.gov/dsa/programs/access/accessmanual.aspx