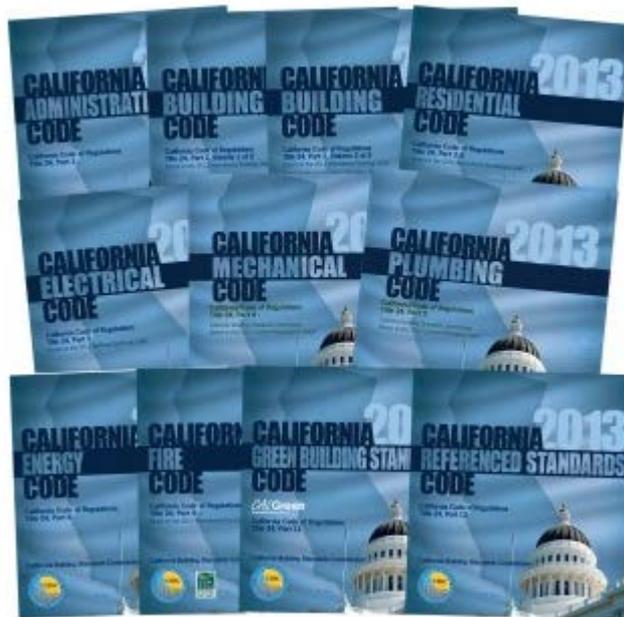
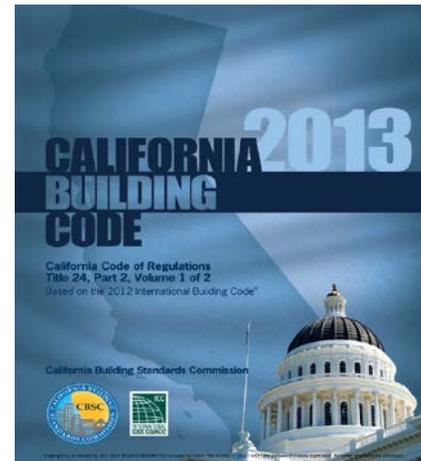




Office of Statewide Health Planning and Development Facilities Development Division

Gordon Oakley - ISU Director
Deputy Division Chief



Accessibility Highlights





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



ACCESSIBILITY 2013 Style

- **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.



Division 1 Application and Administration

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 ($\frac{1}{4}$ " vertical + $\frac{1}{4}$ " bevel maximum or ramp)

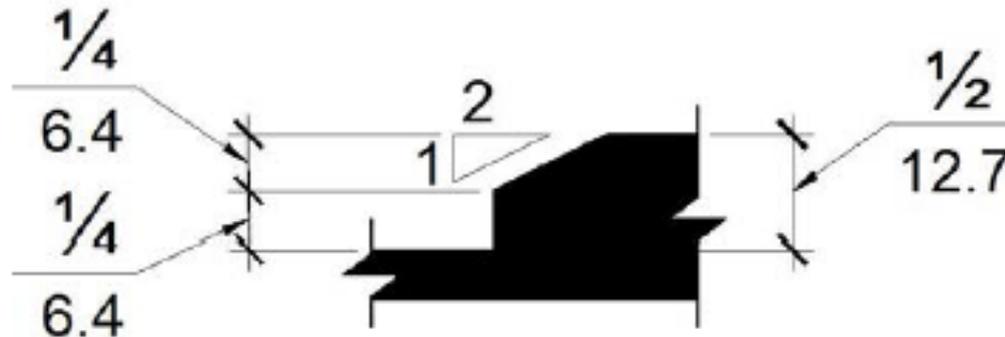


Figure 11B-303.3
Beveled Change in Level

Division 3 Building Blocks

11B-304 Turning Space (60" circle or "T" shaped space)

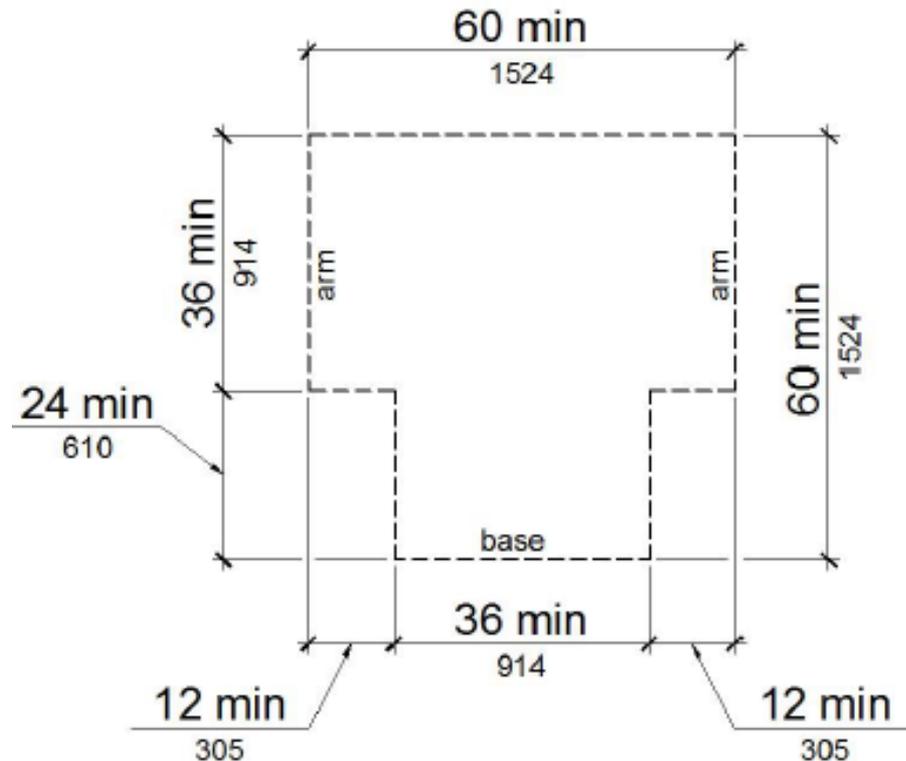


Figure 11B-304.3.2
T-Shaped Turning Space



Division 4 Accessible Routes

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)

Division 4 Accessible Routes

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.)

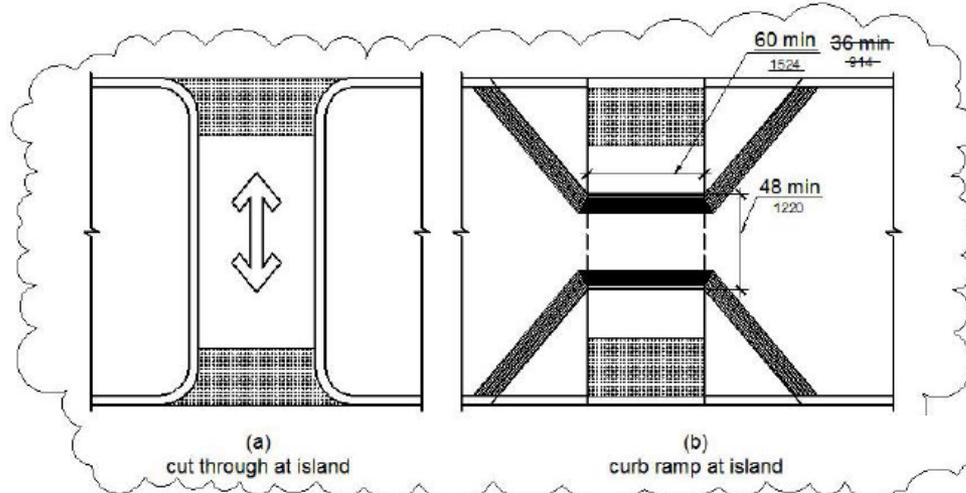


Figure 406.7 11B-406.6
Islands in Crossings

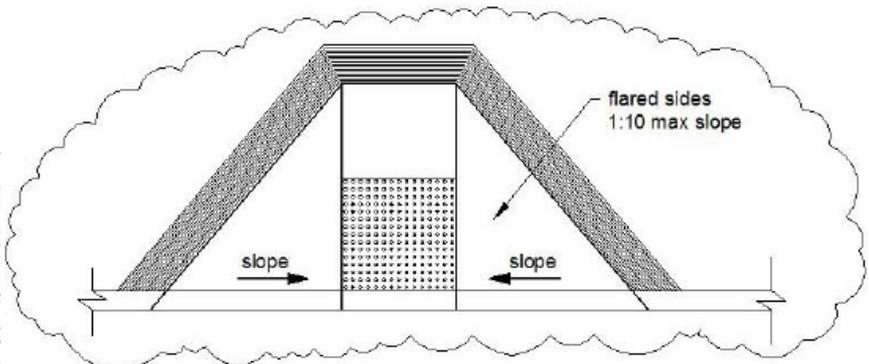


Figure 406.3 11B-406.2.2
Sides of Curb Ramps

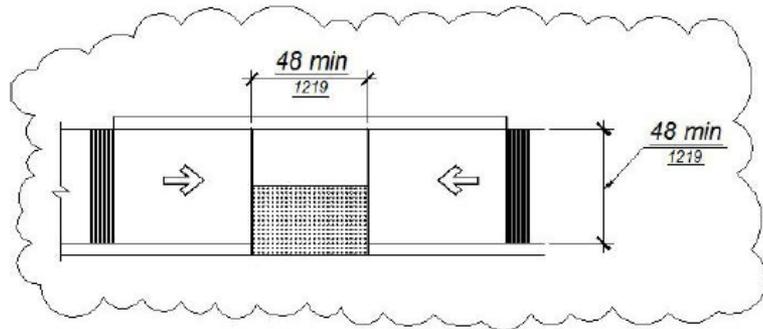


Figure 11B-406.3.2
Parallel Curb Ramps

Division 5 General Site and Building Elements

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)

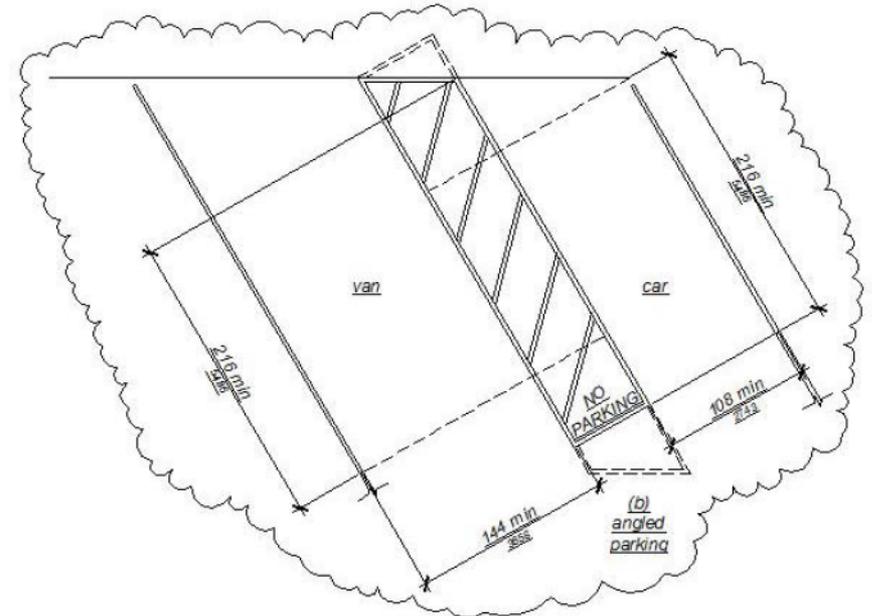
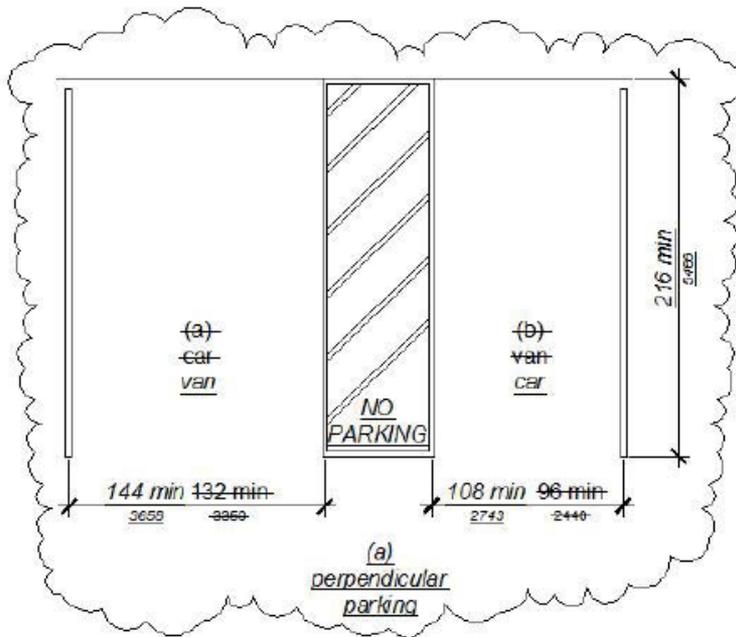


Figure 11B-502.2
Vehicle Parking Spaces

Division 6 Plumbing Elements and Facilities

11B-602 Drinking Fountains (clear space, etc.)

11B-602.5 Spout location (15" from wall, 5" to front)

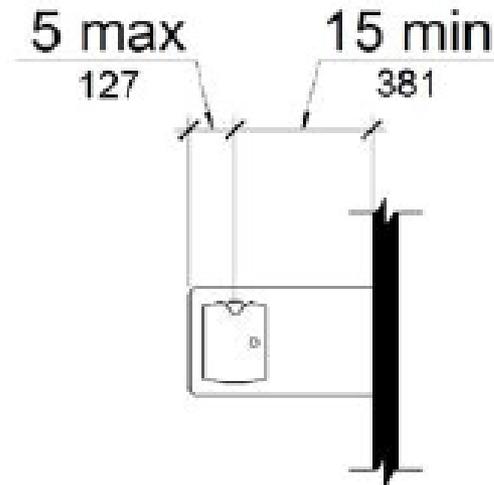


Figure 11B-602.5
Drinking Fountain Spout Location



Division 7 Communication Elements and Features

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)

Division 7 Communication Elements and Features

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"x18" clear space)

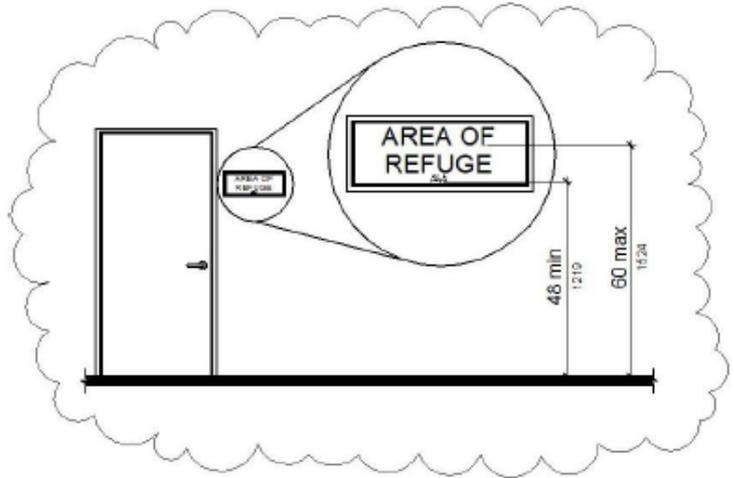


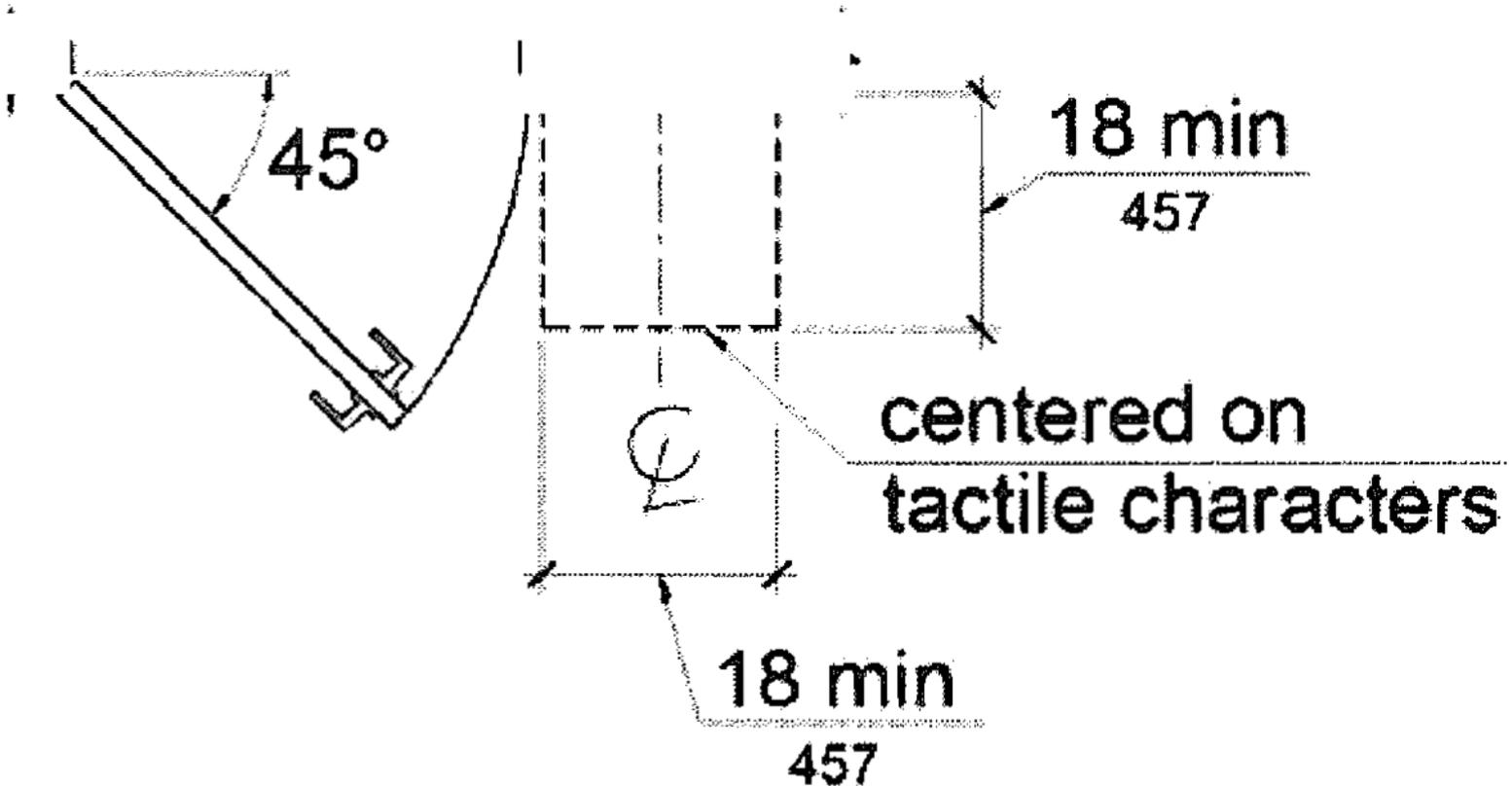
Figure 11B-703.4.1
Height of Tactile Characters Above Finish Floor or Ground



11B-7034.2 Signs. Location.

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 leafs, the sign shall be located to the right of the right hand door.

FIGURE 118-703.4.2 LOCATION OF TACTILE SIGNS AT DOORS



Division 7

Communication Elements and Features

11B-703 Signs

11B-703.5 Visual Characters (height chart)

11B-703.6 Pictograms (finish, contrast, etc.)

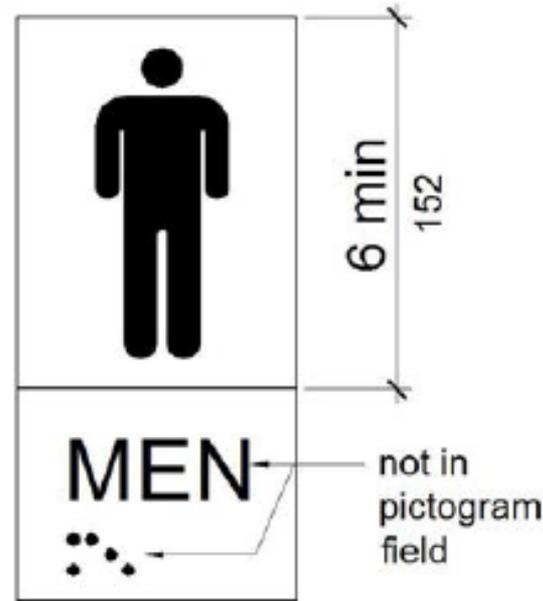


Figure 11B-703.6.1
Pictogram Field

Communication Elements

11B-703.7 Symbols (International Symbol of Accessibility)

**11B-703.7.2.6 Toilet and Bathing Facilities
Geometric Symbols (equilateral triangle and circle, unisex)**

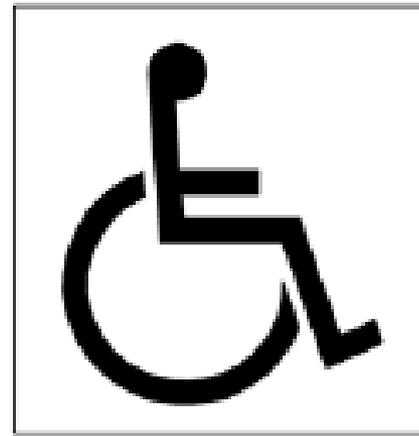


Figure 11B-703.7.2.1
International Symbol of Accessibility



Division 7 Communication Elements and Features

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)

Truncated domes

11B-705.1.2 Locations (curb ramps, islands/medians, hazardous vehicle areas, reflecting pools, and track crossings.)

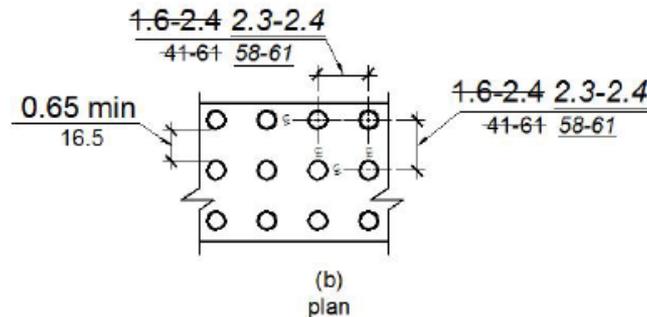
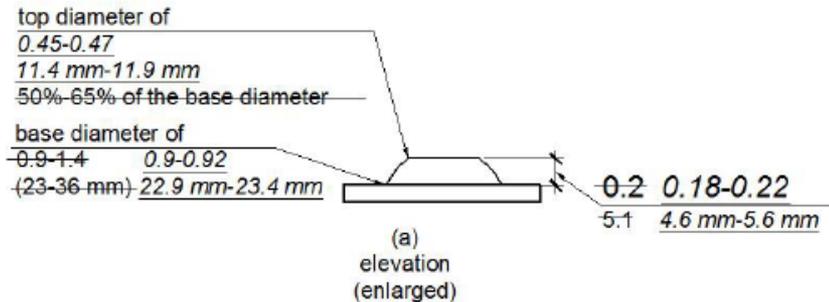


Figure 11B-705.1
Size and Spacing of Truncated Domes



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)



Accessibility Regulations

11B-803.4 Benches (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)



Accessibility Regulations

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)



Accessibility Regulations

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.

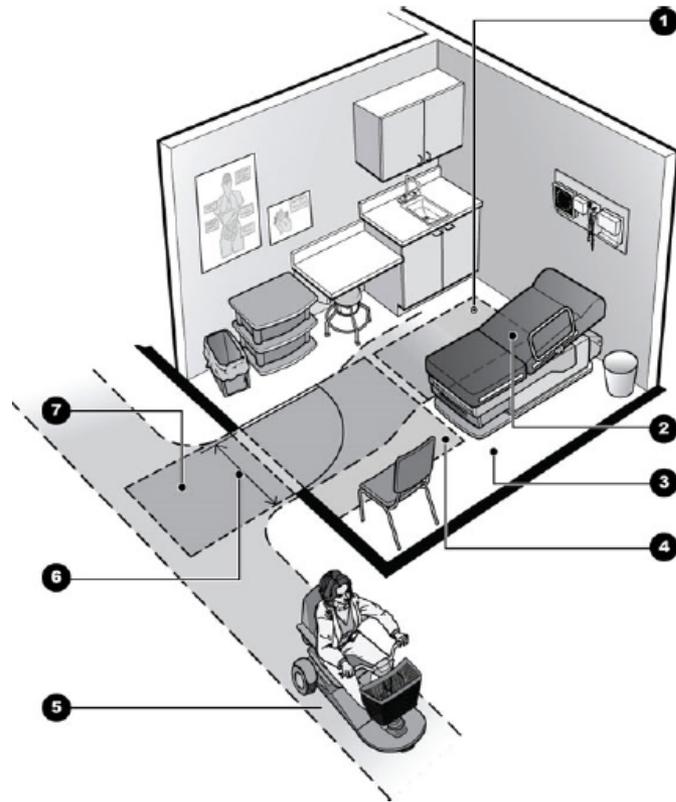
11B 805 Medical Care

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)

2010 CBC Chapter 11B		2013 CBC Chapter 11B	
Division 1	NEW BUILDINGS	Division 2	SCOPING REQUIREMENTS
1101B	SCOPE	11B-201.1	Scope
1101B.1	General application	11B-201.2	Application based on "Use."
1101B.1-2	Alternative designs & technologies	11B-103	Equivalent Facilitation
1101B.2	Design	11B-201.1	"All areas" instead of areas required to be accessible
1101B.3	Maintenance of accessible features	11B-108	Maintenance of Accessible Features
1101B.4	Dimension conventions (min, max vs absolute)	11B-104.1	Conventions – Dimensions (min, max vs absolute)
1101B.5	Construction tolerances	11B-104.1.1	Construction Tolerances (ranges excluded)
1102B	DEFINITIONS	11B-106.5	DEFINED TERMS
	Common use areas	CBC 201.2	Common Use (shared 2 or more people)
	Equivalent Facilitation	CBC 201.2	Equivalent Facilitation
	Health care provider	CBC 201.2	Health Care Provider
	Path of travel	CBC 201.2	Path of Travel
	Professional office of a health care provider	CBC 201.2	Professional Office of a Health Care Provider
	Public use area	CBC 201.2	Public Use (available to the public)
1103B	BUILDING ACCESSIBILITY		No comparable section heading
1103B.1	Scope – elevator exceptions	11B-206.2.3	Multi-Story Buildings & Facilities
1103B.2	Distance to elevators	11B-206.2.3.2	Distance to Elevators
1104B	GROUP A OCCUPANCIES	11B-221	ASSEMBLY AREAS
1104B.5	Dining facilities	11B-226	Dining Surfaces & Work Surfaces
1104B.5.4	Seating	11B-226.1	Dining General – seating: 5%, 11B-226.3 - counters
1104B.5.5	Food service aisles	11-227.4	Food Service Lines
1104B.5.6	Tableware & condiment areas	11B-904.5.1	Self-service Shelves & Dispensing Devices
1104B.5.8	Food preparation areas	11B-203.9	General Employee Work Areas
1105B	GROUP B OCCUPANCIES		11B-201.1 All areas – no "specific" requirements
1105B.3.1-1	Offices related to medicine	11B-223.4	Professional Offices of Health Care Providers
1105B.3.2-1	Client, visitor & office areas w/ related toilets		11B-201.1 All areas – no "specific" requirements
1105B.3.2-2	Conference rooms & counseling rooms		11B-201.1 All areas – no "specific" requirements
1105B.3.2-3	Employee work areas (1133B.6.1 & 1133B.6.2)	11B-203.9	General Employee Work Areas
1105B.3.2-4	Professional medical offices (direct to 1109B)	11B-223.4	Professional Offices of Health Care Providers



Website for entire DSA Chart

<http://www.dgs.ca.gov/dsa/programs/program-access/accessmanual.aspx>

END ACCESSIBILITY UPDATES

