



County of San Diego
 Planning & Development Services
BUILDING DIVISION

ACCESSIBILITY CORRECTION LIST Public Accommodations & Commercial Buildings	6B
Doors and Gates	

RECORD ID:	OWNER ON APPLICATION:
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GENERAL REQUIREMENTS

- Provide door/gate schedule coordinated with floor plans and indicating the following for each door and gate:
 - Operation type (e.g., hinged, sliding, pocket, folding, automatic, power-assisted, delayed-egress)
 - Nominal and clear width
 - Height
 - Opening hardware
 - Latch (if provided)
 - Closer (if provided)

CBC 11B-206.5

- Revolving doors, revolving gates, and turnstiles shall not be part of an accessible route.

CBC 11B-404.2.1 and CBC 11B-404.3.7

DIMENSIONS AND CLEARANCES

- Detail door thresholds complying with the following per CBC Figure 11B-303.3:
 - Maximum 1/2-inch change in level between landing and threshold
 - Maximum 50% beveled slope for changes in level between 1/4 inch and 1/2 inch

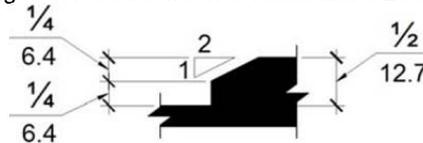


FIGURE 11B-303.3
BEVELED CHANGE IN LEVEL

CBC 11B-303.3 and CBC 11B-404.2.5

- Provide dimensions on door and gate schedule indicating all doors and gates comply with the following:
 - Minimum 32-inch clear width per CBC Figure 11B-404.2.3
Exception: Openings more than 24 inches deep shall provide clear opening of minimum 36 inches
Exception: Doors not requiring full user passage (e.g., shallow closets) may have minimum 20-inch clear width
 - Where pair of doors proposed, at least one door leaf shall provide minimum 32-inch clear width with that door leaf open per CBC Figure 11B-404.2.3

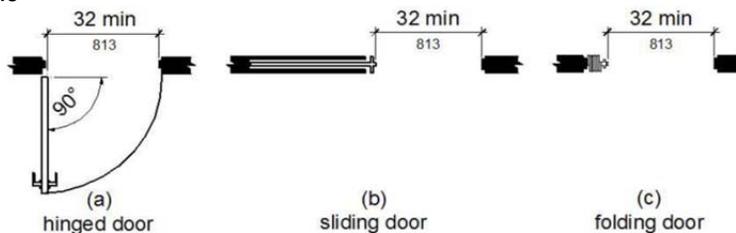


FIGURE 11B-404.2.3
CLEAR WIDTH OF DOORWAYS

CBC 11B-404.2.2 and CBC 11B-404.2.3

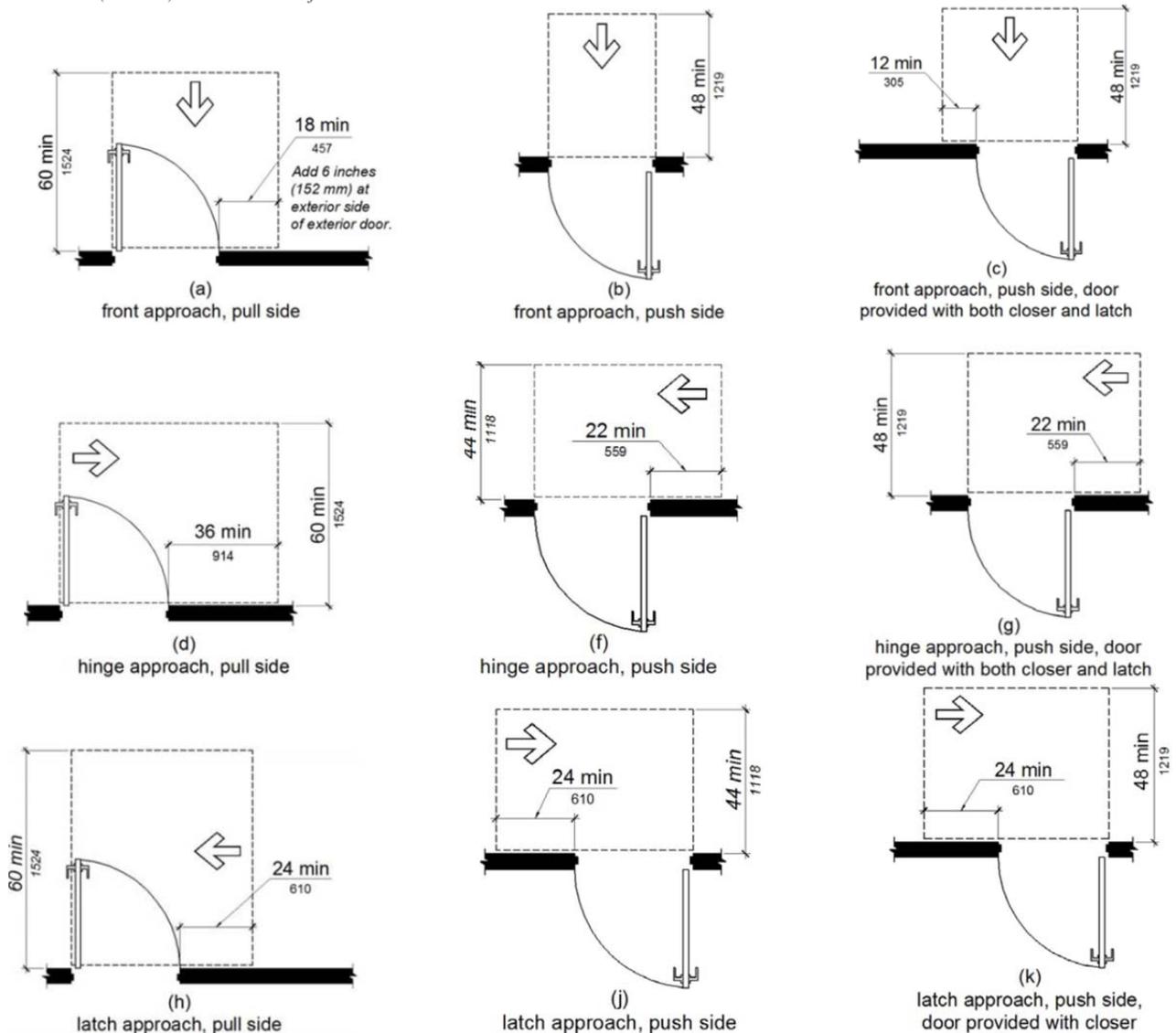
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CORRECTION LIST ITEMS AND FIGURES MAY NOT BE REPRODUCED OR COPIED ON PLANS.
IF CONFLICTS EXIST BETWEEN CODE TEXT AND FIGURES, THE CODE TEXT SHALL GOVERN.

5. Dimension clear and level landings at the following swinging doors and gates per CBC Table 11B-404.2.4.1 and CBC Figure 11B-404.2.4.1:

**TABLE 11B-404.2.4.1
MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES**

TYPE OF USE		MINIMUM MANEUVERING CLEARANCE	
Approach direction	Door or gate side	Perpendicular to doorway	Parallel to doorway (beyond latch side unless noted)
From front	Pull	60 inches (1524 mm)	18 inches (457 mm) ⁵
From front	Push	48 inches (1219 mm)	0 inches (0 mm) ¹
From hinge side	Pull	60 inches (1524 mm)	36 inches (914 mm)
From hinge side	Push	44 inches (1118 mm) ²	22 inches (559 mm) ³
From latch side	Pull	60 inches (1524 mm)	24 inches (610 mm)
From latch side	Push	44 inches (1118 mm) ⁴	24 inches (610 mm)

1. Add 12 inches (305 mm) if closer and latch are provided.
2. Add 4 inches (102 mm) if closer and latch are provided.
3. Beyond hinge side.
4. Add 4 inches (102 mm) if closer is provided.
5. Add 6 inches (152 mm) at exterior side of exterior doors.



**FIGURE 11B-404.2.4.1
MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES**

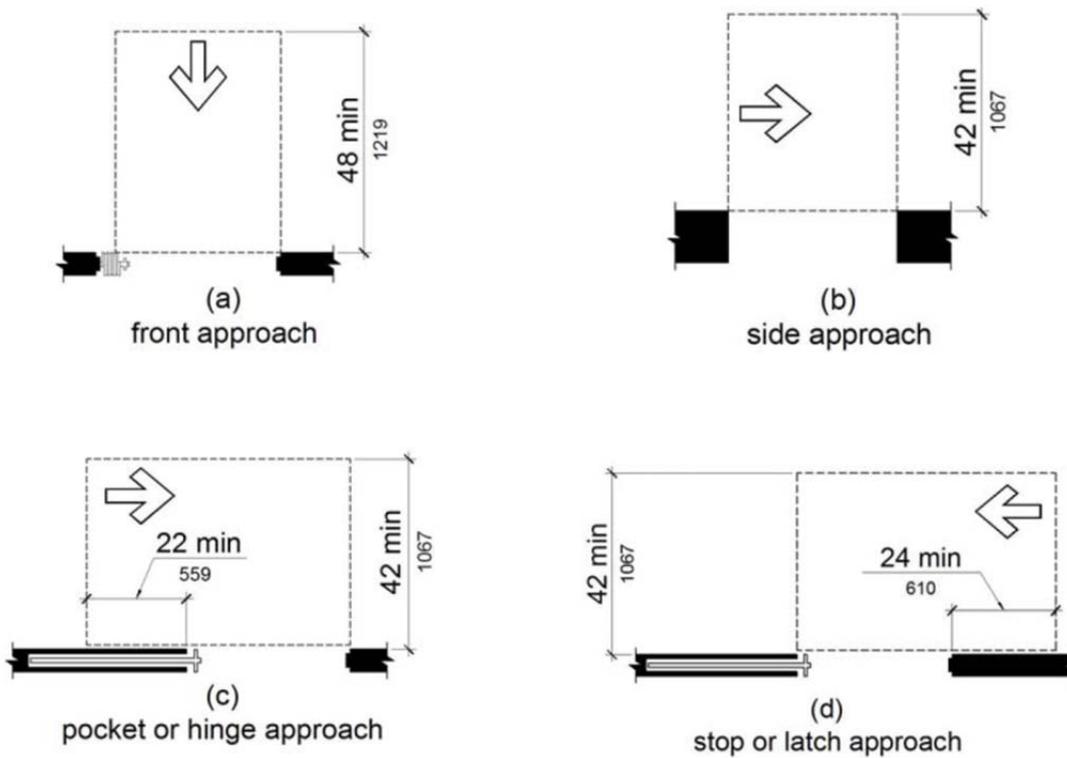
CBC 11B-404.2.4.1 and CBC 11B-404.3.2

6. Dimension clear and level landings at the following doorways without doors/gates, sliding doors, and folding doors per CBC Table 11B-404.2.4.2 and CBC Figure 11B-404.2.4.2:

**TABLE 11B-404.2.4.2
MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS OR
GATES, MANUAL SLIDING DOORS, AND MANUAL FOLDING DOORS**

Approach direction	MINIMUM MANEUVERING CLEARANCE	
	Perpendicular to doorway	Parallel to doorway (beyond stop/latch side unless noted)
From Front	48 inches (1219 mm)	0 inches (0 mm)
From side ¹	42 inches (1067 mm)	0 inches (0 mm)
From pocket/hinge side	42 inches (1067 mm)	22 inches (559 mm) ²
From stop/latch side	42 inches (1067 mm)	24 inches (610 mm)

1. Doorway with no door only.
2. Beyond pocket/hinge side.



**FIGURE 11B-404.2.4.2
MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS, SLIDING DOORS, GATES, AND FOLDING DOORS**

CBC 11B-404.2.4.2, CBC 11B-404.2.4.4, and CBC 11B-404.3.2

7. Dimension clear and level landing complying with requirements of item 5 or 6 as applicable for forward approach at the following recessed doors and gates per CBC Figure 11B-404.2.4.3.

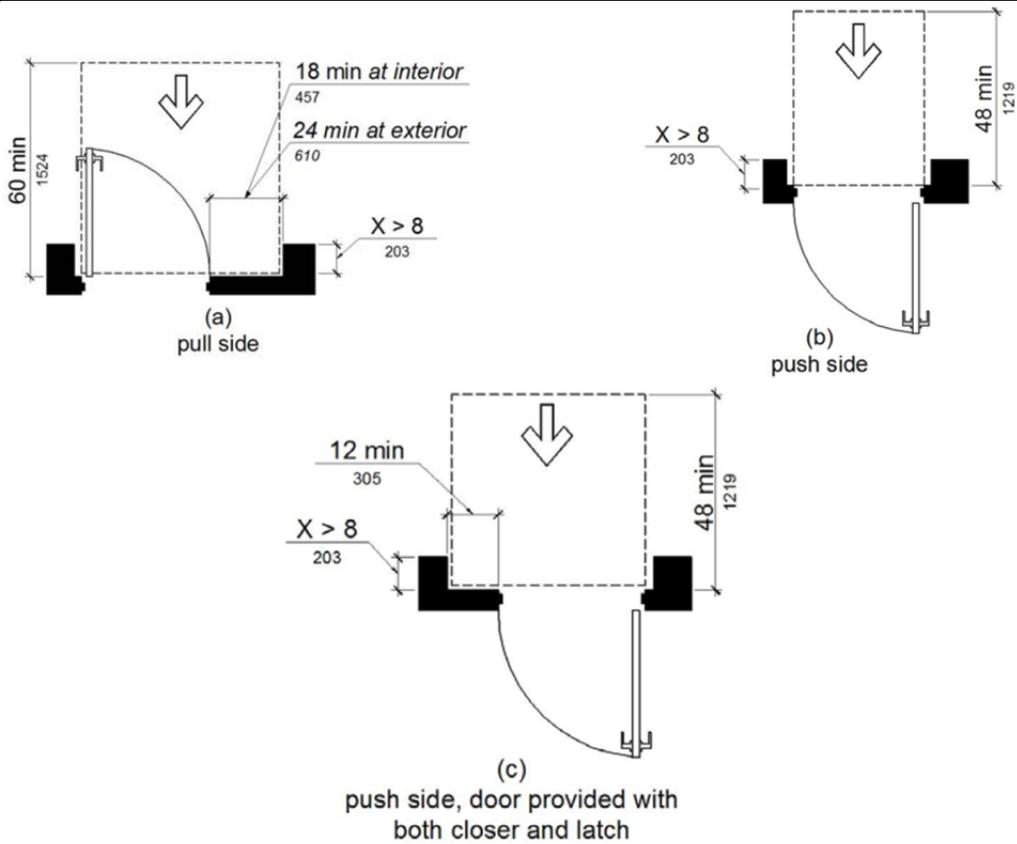


FIGURE 11B-404.2.4.3
MANEUVERING CLEARANCES AT RECESSED DOORS AND GATES

CBC 11B-404.2.4.3

8. For consecutive doors or gates in series, dimension clearance between doors per CBC Figure 11B-404.2.6 of minimum 48 inches plus width of any doors or gates swinging into the space.

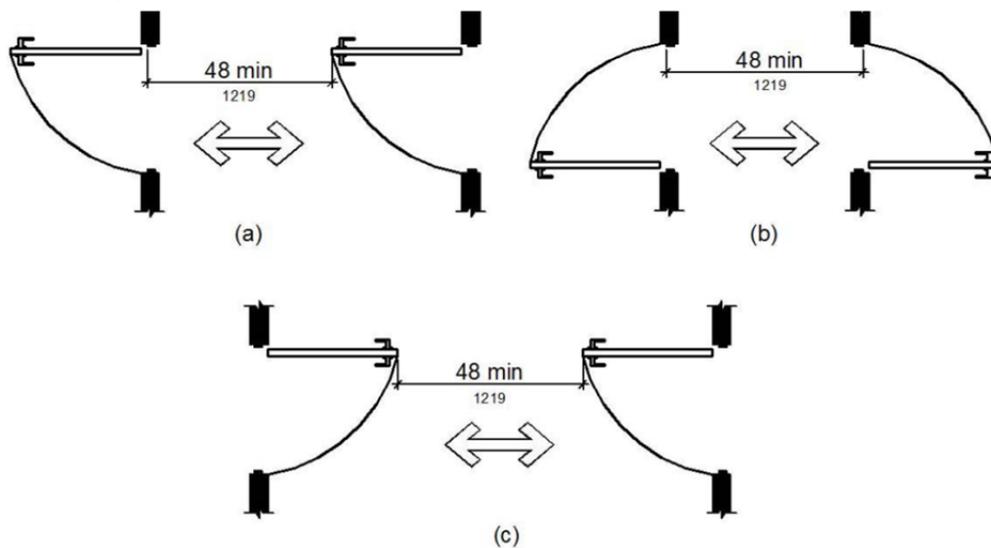


FIGURE 11B-404.2.6
DOORS IN SERIES AND GATES IN SERIES

CBC 11B-404.2.6

HARDWARE

9. Specify on door/gate schedule any handles, pulls, latches, locks, and other operable parts on doors and gates complying with the following:
- Minimum 34 inches and maximum 44 inches above finished floor or ground
Exception: Access gates in barrier walls and fences protecting pools, spas, and hot tubs may have operable parts of latch release on self-latching devices at maximum 54 inches above finished floor or ground provided self-latching devices are not also self-locking devices and operated by means of key, electronic opener, or integral combination lock
 - Operable within force limits of item 12
 - Operable with one hand and without tight grasping, tight pinching, or twisting of the wrist
 - Where sliding doors in fully open position, operating hardware exposed and usable from both sides
CBC 11B-309.4 and CBC 11B-404.2.7
10. Specify door and gates surfaces within 10 inches of finished floor or ground shall have smooth surface on push side extending full width of door or gate.
Exception: Sliding doors
Exception: Doors and gates not extending within 10 inches of finished floor or ground
Exception: Tempered glass doors without stiles and having bottom rail or shoe with top leading edge tapered at minimum 60 degrees from horizontal
CBC 11B-404.2.10
11. For any doors, gates, or adjacent sidelights with glazing panels allowing viewing through the panels, dimension at least one glazed panel at maximum 43 inches above finished floor or ground.
Exception: Glazing panels with lowest part more than 66 inches from finished floor or ground
CBC 11B-404.2.11
12. Specify maximum 5 pounds of force to open any door or gate.
Exception: Required fire doors may have minimum opening force allowed by fire jurisdiction, not to exceed 15 pounds
Exception: Doors or gates with automatic or power-assist devices may be used to meet maximum force limits
Exception: When one of every 8 exterior door leaves – or fraction of 8 – at a single location is a powered door per CBC 11B-404.2.9, exception 2, other exterior doors at the same location and serving the same interior space may have maximum opening force of 8.5 pounds of force with powered leaf(s) located closest to the accessible route
CBC 11B-404.2.9
13. Specify doors and gates with closers or spring hinges complying with the following closing speed periods:
- Closers with minimum 5 seconds from 90-degree open position to 12-degree open position
 - Spring hinges with minimum 1.5 seconds from 70-degree open position to closed position
CBC 11B-404.2.8

AUTOMATIC AND POWER-ASSISTED DOORS

14. Specify any automatic doors and power-assisted doors complying with the following:
- Automatic doors meet provisions of ANSI/BHMA A156.10
 - Power-assisted and low-energy doors meet provisions of ANSI/BHMA A156.19
 - Where serving an occupant load of 150 or greater, include back-up battery or back-up generator capable of powering the door a minimum 100 cycles
 - Not open to back check faster than 3 seconds
 - Require maximum 15 pounds of force to stop door movement
 - Where serving an occupant load of 300 or greater, provide 6-inch by 6-inch sign displaying International Symbol of Accessibility above door on both interior and exterior sides
CBC 11B-404.2.9 and CBC 11B-404.3
15. Identify on plans locations of sensors, push plates, or vertical actuation bars controlling operation of automatic or power-assisted doors and verifying compliant maneuvering space and reach ranges.
CBC 11B-404.2.9
16. Specify and detail automatic or power-assisted doors utilizing push plates or vertical actuation bars to comply with the following:
- Two push plates – upper and lower – or vertical actuation bar provided on both interior and exterior sides of door
 - Push plates or vertical actuation bars placed at conspicuous locations with clear space allowing forward or parallel approach with no door encroachment
 - Lower push plate minimum 7 inches and maximum 8 inches centerline above floor
 - Upper push plate minimum 30 inches and maximum 44 inches centerline above floor
 - Each push plate minimum 4-inches in diameter or 4-inches square
 - Operable portion of vertical actuation bar with bottom maximum 5 inches above floor and top minimum 35 inches above floor
 - Operable portion of vertical actuation bar minimum 2-inches wide
 - Each push plate or vertical actuation bar displaying International Symbol of Accessibility
CBC 11B-404.2.9