



**County of San Diego
Planning & Development Services
BUILDING DIVISION**

ACCESSIBILITY CORRECTION LIST Multifamily Housing	15A
Dwelling Units	

RECORD ID:	OWNER ON APPLICATION:
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SCOPING

- The adaptability and accessibility requirements of this correction list apply to covered multifamily dwelling units per the scoping provisions of accessibility correction list 1A. CBC 1128A.1

ACCESSIBLE ROUTES

- Dimension minimum 36-inch-wide accessible route within each covered multifamily dwelling unit per the following:
 - Exception:** Accessible routes required only on primary entry level in multistory dwelling units per scoping provisions of accessibility correction list 1A
 - Exception:** Accessible route not required from interior of unit into garage if provisions of accessibility correction list 2A are met
 - Exception:** Accessible route not required from interior of unit into basement
 - Passes through primary entry door
 - Connects with all additional exterior doors
 - Connects with required clear floor spaces at kitchen appliances and bathroom fixtures
 - Provide access to all rooms and spaces within dwelling unit

CBC 1102A.3, CBC 1130A.1, and CBC 1130A.2
- Accessible floors within dwelling units shall be on common level throughout or connected by at least one of the following:
 - Exception:** Changes in level up to 1/4 inch
 - Exception:** Changes in level between 1/4 inch and 1/2 inch with maximum 50% beveled slope
 - Exception:** Landings at doors per item 7
 - Pedestrian ramps per accessibility correction list 4A
 - Passenger elevators per accessibility correction list 8A
 - Platform lifts per accessibility correction list 8A

CBC 1131A.1 and CBC 1131A.2

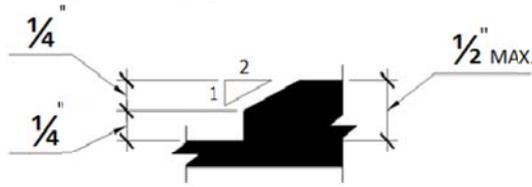
DOORS

- Provide dimensions on door/gate schedule indicating all doors and gates comply with the following:
 - Swinging doors capable of opening minimum 90 degrees
 - Minimum 32-inch clear width measured with door at 90-degree angle from its closed position
 - Exception:** Minimum 36-inch nominal door required at primary entry and all required exits
 - Exception:** Nominal 32-inch clear opening provided by 6-foot-wide sliding patio door acceptable
 - Minimum 80-inches high
 - Where pair of doors proposed, at least one door leaf shall provide minimum 32-inch clear width, measured with door at 90-degree angle from its closed position

CBC 1126A.1 and CBC 1132A.3
- Where pocket doors proposed, specify on door schedule bumpers to prevent doors from fully receding. CBC 1132A.8
- Specify level landing – maximum 2.1% slope in all directions – on each side of each door. CBC 1132A.4

**THIS DOCUMENT IS FOR PLAN REVIEW ONLY.
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.**

7. Detail any elevation changes at doors complying with the following between interior and exterior floor levels:
- At exterior landings of impervious construction – e.g., concrete, brick, flatwork – serving primary entry door and required exit doors, maximum 1/2-inch elevation change complying with 50% beveled slope per CBC Figure 11A-1F(b)



(b) BEVELED CHANGE IN LEVEL
 FIGURE 11A-1F
 CHANGE IN LEVEL

- At secondary exterior doors on to decks, patios, or balconies of impervious construction, maximum 1-inch elevation change accomplished with ramp with maximum 12.5% slope per CBC Figure 11A-8K
Exception: Maximum 4-inch elevation change with any elevation change greater than 1/2 inch accomplished by pedestrian ramp per accessibility correction list 4A or built-up platform per CBC Figure 11A-8J

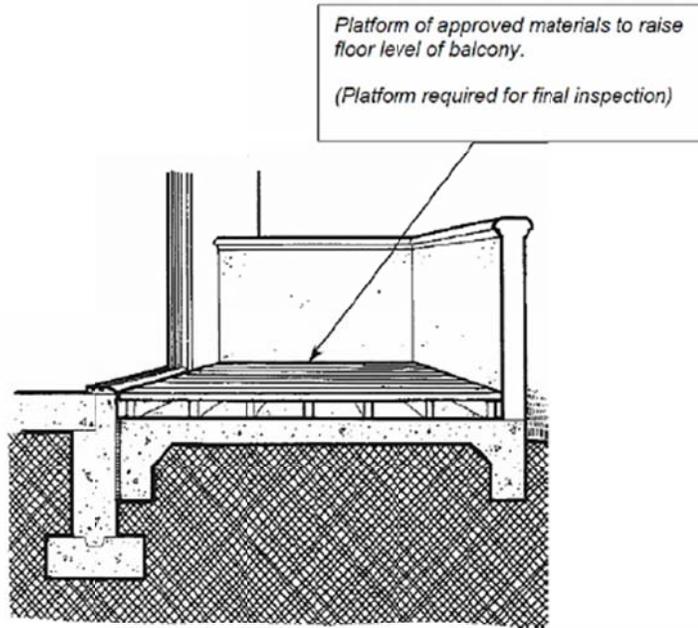


FIGURE 11A-8J
 PLATFORM AT SECONDARY EXTERIOR DOOR

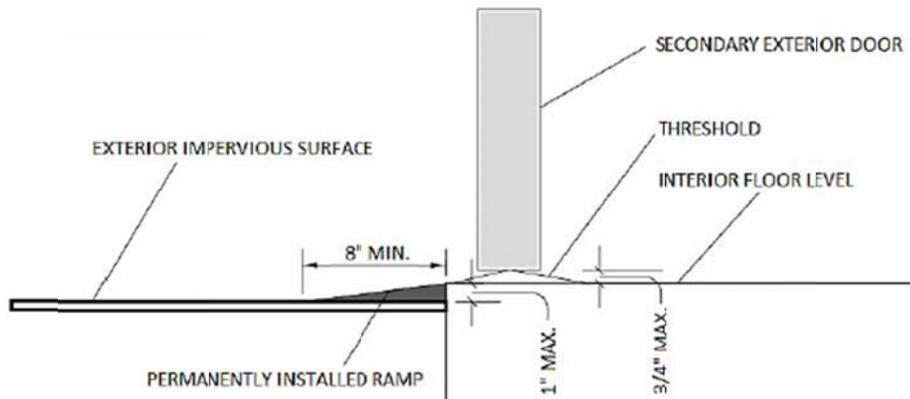


FIGURE 11A-8K
 RAMP AT SECONDARY EXTERIOR DOOR

- At exterior landings of pervious construction – e.g., wood decking with spaces, no elevation change allowed
Exception: Maximum 1/2-inch elevation change per CBC Figure 11A-1F(b) allowed at secondary exit doors

8. Detail door thresholds complying with the following per CBC Figure 11A-8I:
- Maximum 1/2-inch vertical between landing and threshold
Exception: Maximum 3/4-inch vertical acceptable at secondary exterior doors
 - Maximum 50% beveled slope for changes in level between 1/4 inch and 1/2 inch

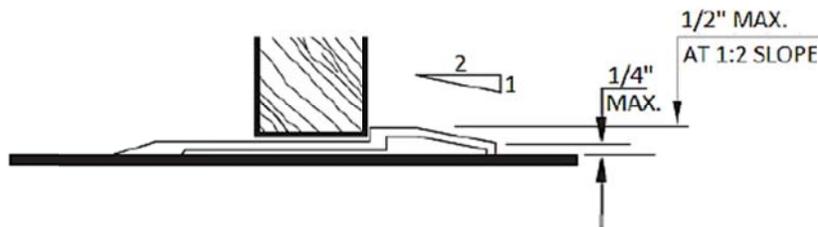


FIGURE 11A-8I
THRESHOLDS

CBC 1132A.4.1

9. Dimension maneuvering clearances complying with the following at each door:
- Exception:** Maneuvering clearances per accessibility correction list 6A shall apply to sides of dwelling unit doors exposed to common-use spaces
- Pull side of door:
 - o Width: Door width plus minimum 18 inches beyond latch
 - o Depth: Minimum 42 inches perpendicular to doorway
Exception: Minimum 39 inches perpendicular to doorway acceptable at doors with minimum 34-inch clear opening width
 - Push side of door:
 - o Width: Door width
 - o Depth: Minimum 42 inches perpendicular to doorway
Exception: Minimum 44 inches perpendicular to doorway required on dwelling side of primary entry door and required exit doors
Exception: Minimum 39 inches perpendicular to doorway acceptable at doors with minimum 34-inch clear opening width
- CBC 1132A.5.2
10. Specify on door/gate schedule hand-activated opening hardware, handles, pulls, latches, locks, and other operating devices complying with the following for all doors and gates:
- Minimum 34 inches and maximum 44 inches above floor
 - Operable within force limits of item 14
 - Operable by single effort and without tight grasping, tight pinching, or twisting of the wrist
- CBC 1008.1.9.2, CBC 1132A.7, and CBC 1132A.8
11. Any exit door or gate with locking hardware shall operate per item 10 in direction of egress.
- CBC 1132A.8
12. Specify lever hardware shall be curved to return within 1/2 inch of door to prevent catching of clothing during egress.
Exception: Group R and U occupancies with occupant load of ten or fewer
- CBC 1132A.8.1
13. Specify the following at push side of all doors and gates:
- Exception:** Automatic doors
- Exception:** Tempered glass doors without stiles and having a bottom rail or shoe with top leading edge tapered at minimum 60 degrees from horizontal
- Exception:** Doors or gates not extending within 10 inches of finished floor or ground
- Smooth surface within 10 inches of finished floor or ground and extending full width of door or gate
 - Parts creating horizontal or vertical joints in surface shall be within 1/16 inch of the same plane as the other and free of sharp or abrasive edges
 - Cavities created by added kick plates shall be capped
- CBC 1132A.9
14. Specify door/gate opening force complying with the following:
- Exception:** Doors or gates with automatic or power-assist devices may be used to meet maximum force limits
- Exception:** Required fire doors may have minimum opening force allowed by fire jurisdiction, not to exceed 15 pounds of force
- Maximum 8.5 pounds of force for exterior doors or gates
 - Maximum 5 pounds of force for interior doors or gates
- CBC 1132A.6
15. Specify buzzer, bell, or chime at maximum 48 inches above floor at primary entrance to each covered multifamily dwelling unit.
- CBC 1132A.10

KITCHENS

16. Dimension clear floor space complying with the following at each kitchen appliance and fixture:
- Minimum 30 inches by 48 inches allowing parallel approach to range or cooktop allowing parallel approach
 - Minimum 30 inches by 48 inches allowing forward or parallel approach to sink, oven, dishwasher, refrigerator/freezer, trash compactor, and other appliances
 - Minimum 30 inches by 48 inches allowing forward or parallel approach to work surface required per item 20
 - Clear floor space aligned with centerline of each appliance or fixture
- CBC 1133A.2*
17. Dimension clear width – measured between cabinets, countertops, or appliances – complying with the following at each kitchen:
- Minimum 60-inch clear width at U-shaped kitchens with range or cooktop located at base of U
 - Minimum 48-inch clear width for all other kitchen configurations
- CBC 1133A.2.1*
18. Detail toe and knee clearance per the following centered on and beneath kitchen sink and work surface required per item 20:
Exception: Removable base cabinets acceptable per item 19
- Toe clearance:
 - Minimum 9-inch height
 - Minimum 17-inch depth
 - Minimum 30-inch width
 - Knee clearance:
 - Minimum 27-inch vertical clearance from front to minimum 8-inch depth
 - Reducing to minimum 9-inch vertical clearance at minimum 11-inch depth at rate of 1 inch in depth for each 6 inches in height
 - Minimum 30-inch width
 - Water supply and drain pipes under sink insulated or otherwise covered
 - No sharp or abrasive surfaces under sink
- CBC 1133A.3, CBC 1133A.7*
19. Specify the following for any base cabinets directly beneath sink counter area:
- Removable to provide knee and toe space
 - Removable without specialized tool or knowledge
 - Finished floor beneath sink counter area extending to rear wall
- CBC 1133A.3*
20. Specify countertops complying with the following:
- Minimum 30-inch length for sink installation
 - Minimum 30-inch length for work surface
- Exception:** Two minimum 15-inch-wide breadboards may be provided in lieu of 30-inch-long work surface
- Sink and work surface may be single minimum 60-inch length or separate minimum 30-inch lengths
- CBC 1133A.4*
21. Specify repositionable countertops complying with the following at minimum 5% of covered multifamily dwelling units:
- Enable repositioning to minimum 28-inch height of sink and work surfaces per item 20
- Exception:** Stone, cultured stone, and tile countertops may be used without meeting repositioning requirements
- Base cabinets directly beneath sink counter area and work surface removable per item 18
- Exception:** Two minimum 15-inch-wide breadboards may be provided in lieu of 30-inch-long work surface and used without meeting repositioning requirements
- Sides of adjacent cabinets and rear wall constructed of durable, nonabsorbent materials
 - Finished floor beneath sink and work surfaces extending to wall
- CBC 1133A.4.1*
22. Specify lower shelving and/or drawer space in kitchen at maximum 48 inches above floor.
- CBC 1133A.4.2*
23. Specify faucet controls complying with the following:
- Operable with maximum 5 pounds of force
 - Operable with one hand and without tight grasping, pinching, or twisting of wrist
 - Self-closing valves allowed if faucet remains open for minimum 10 seconds
- CBC 1133A.6*

BATHROOM SCOPING

24. Bathrooms within dwelling units shall be configured to comply with one of the following options:

- Option 1: All bathrooms comply with the following:
 - Maneuvering spaces per item 26
 - Bathtubs per items 27 through 30
 - Showers per items 31 through 37
 - Water closets per items 38 through 42
 - Lavatories, vanities, mirrors, and towel fixtures per items 43 through 50
 - Accessible route into and through bathroom
 - Accessible door into bathroom per items 4 through 14
 - Minimum 18-inch strike-edge clearance on pull side of any door swinging into bathroom
 - Accessible switches, outlets, and controls per items 52 and 53
 - Reinforced walls per items 28, 34, and 40 allowing for future installation of grab bars at bathtubs, showers, and toilets
- Option 2: One bathroom complies with the following:
 - Maneuvering spaces per item 26
 - Bathtubs per items 27 through 30
 - Showers per items 31 through 37
 - Where both bathtub and shower provided in bathroom, at least one shall be accessible
Exception: Where dwelling unit contains two or more bathrooms and accessible bathtub provided in one bathroom and shower provided in second bathroom, at least one shower shall meet provisions of items 31 through 37
 - Water closets per items 38 through 42
 - Lavatories, vanities, mirrors, and towel fixtures per items 43 through 50
 - Where two or more lavatories provided, at least one shall be accessible
 - Accessible route into and through bathroom
 - Accessible door into bathroom per items 4 through 14
 - Minimum 18-inch strike-edge clearance on pull side of any door swinging into bathroom
 - Accessible switches, outlets, and controls per items 52 and 53
 - Reinforced walls per items 28, 34, and 40 allowing for future installation of grab bars at bathtubs, showers, and toilets
 - All additional bathrooms complying with provisions listed above for accessible routes, doors, strike-edge clearance, switches, outlets, controls, and wall reinforcement

CBC 1134A.2

25. Powder rooms within dwelling units shall comply with the following:

- Where powder room is only toilet facility located on accessible level, it shall comply with all provisions per option 2 in item 24
- Any other powder rooms shall comply with provisions for accessible routes, doors, strike-edge clearance, switches, outlets, controls, and wall reinforcement per option 2 in item 24

CBC 1133A.3

BATHROOM MANEUVERING SPACE

26. Dimension maneuvering space per the following at each bathroom and powder room designed to comply with items 24 and 25:

- Allowing wheelchair user to enter, close door, use fixtures, reopen door, and exit
- Where door swings into bathroom or powder room, minimum 30-inch by 48-inch maneuvering space required within room and outside door swing
- Allowing positioning of wheelchair outside door swing as it closes
- Allowing use of all fixtures
- May include knee and toe space available beneath fixtures

CBC 1134A.4

BATHTUBS

27. Dimension clear floor space per the following at each accessible bathtub:

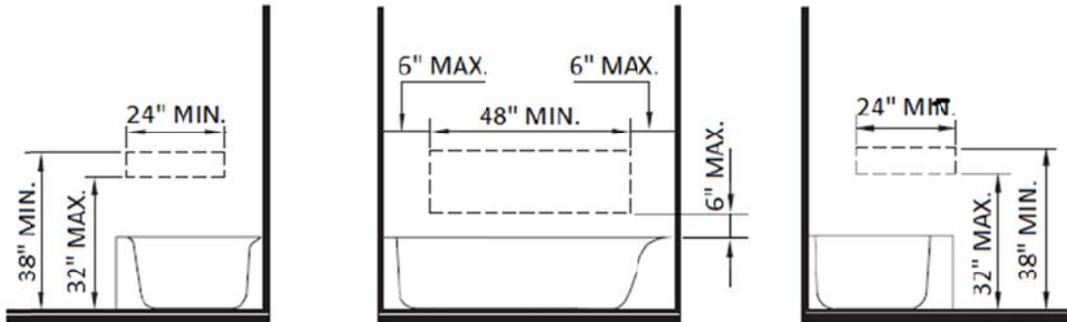
- Minimum 48-inches parallel and 30-inches perpendicular – measured from foot or drain end of bathtub -- at side of bathtub or bathtub/shower combination
- No door encroachment unless minimum 30-inch by 48-inch maneuvering space provided within bathroom outside door swing
- May use knee and toe space beneath lavatory
- No encroachment by toilets or cabinets beneath lavatories

CBC 1134A.4 and CBC 1134A.5(1)

28. Detail wall reinforcement – e.g., blocking – complying with the following per CBC Figure 11A-9G(b) at accessible bathtubs for future installation of grab bars:

Exception: Bathtubs installed without surrounding walls shall include reinforcement for future installation of floor-mounted grab bars

- At end walls of bathtub:
 - o Located minimum 32 inches and maximum 38 inches above floor
 - o Extending minimum 24 inches from open edge of bathtub toward side wall
 - o Minimum 6-inch nominal height
- At side wall of bathtub:
 - o Located maximum 6 inches above bathtub rim
 - o Extending upward minimum 38 inches above floor
 - o Installed to allow installation of 48-inch-long grab bar with each end maximum 6 inches from each end wall
 - o Minimum 6-inch nominal height



(b) GRAB BAR REINFORCEMENT FOR ADAPTABLE BATHTUBS

FIGURE 11A-9G
REINFORCEMENT FOR GRAB BARS

CBC 1134A.5(2)

29. Specify bathtub faucet and mechanism controls complying with the following:

Exception: Shower spray units are not required in bathtubs

- Located on wall at foot of bathtub
- Edge of clear floor space required per item 27 shall be flush with control wall surface
- Operable with maximum 5 pounds of force
- Operable with one hand and without tight grasping, pinching, or twisting of wrist
- Self-closing valves allowed if faucet remains open for minimum 10 seconds

CBC 1134A.5(1), CBC 1134A.5(3), CBC 1134A.5(4)

30. Specify any enclosures provided for bathtubs shall comply with the following:

- Any hinged doors swinging outward
- Shatter-resistant materials in doors and panels
- Glazing in doors and panels per one of the following:
 - o Minimum 1/8-inch-thick fully tempered glass
 - o Minimum 1/4-inch-thick laminated glass
 - o Shatter-resistant plastic

CBC 1134A.5(5)

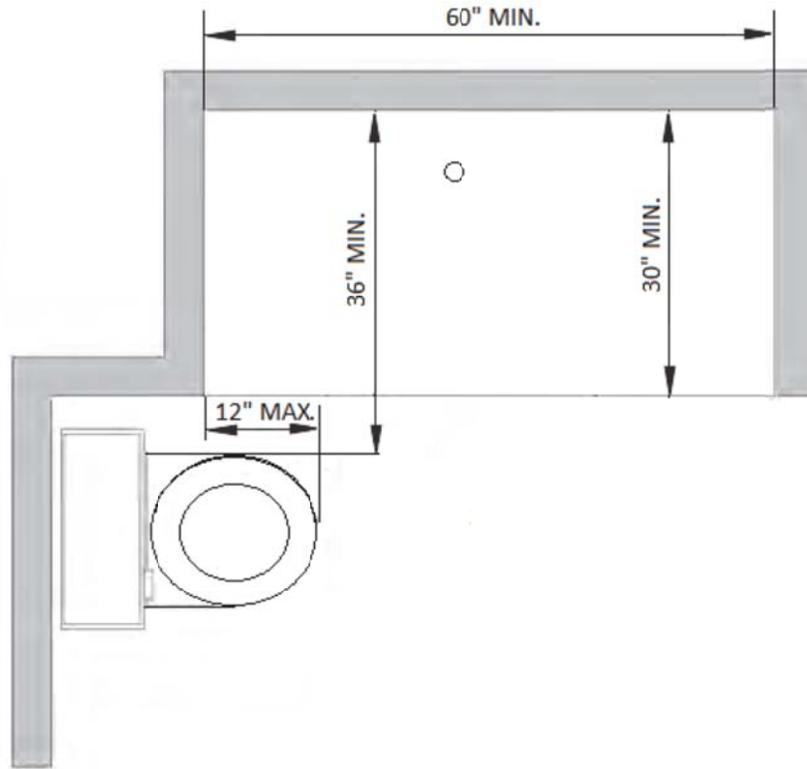
SHOWERS

31. Dimension clear maneuvering space per the following at each accessible shower:

- Minimum 30-inches wide by 48-inches long outside shower
 - Flush and parallel to control wall
 - No door encroachment unless minimum 30-inch by 48-inch maneuvering space provided within bathroom outside door swing
- CBC 1134A.4 and CBC 1134A.5.4(3)

32. Dimension accessible shower stalls to comply with one of the following configurations:

- Minimum 42-inches wide by 48-inches deep with minimum 36-inch-wide entrance opening
 - Minimum 60-inches wide by 36-inches deep with minimum 36-inch-wide entrance opening when wall installed on opening side
 - Minimum 60-inches wide by 30-inches deep with minimum 60-inch-wide entrance opening
- Exception:** Water closet may project maximum 12 inches into entrance opening provided minimum 36-inch clear space maintained between water closet and shower wall per CBC Figure 11A-9L



**FIGURE 11A-9L
SHOWER WITH WATER CLOSET**

CBC 1134A.6(1)

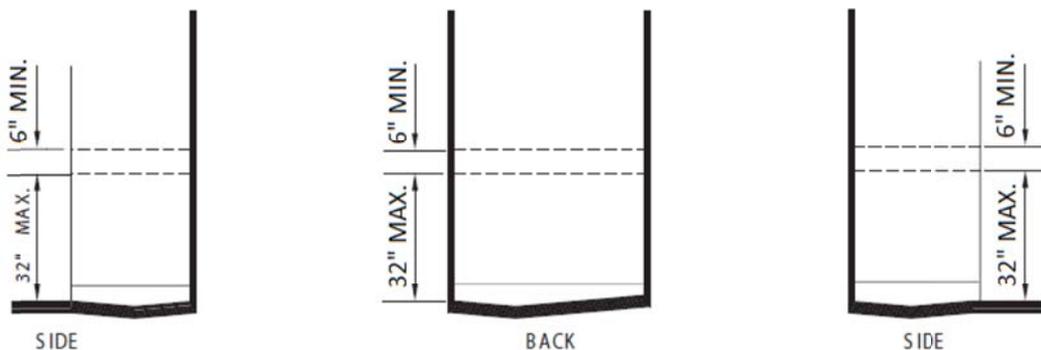
33. Specify accessible shower stall floors complying with the following:
- Maximum 4.2% slop in all directions
 - Composed of Carborundum, grit-faced tile, or material providing equivalent slip-resistance

CBC 1134A.6(2)

34. Detail wall reinforcement – e.g., blocking – complying with the following per CBC Figure 11A-9G(c) at accessible showers for future installation of grab bars:

Exception: Showers installed with glass walls shall include reinforcement for future installation of floor-mounted or ceiling-mounted grab bars

- Continuous in all shower walls
- Located minimum 32 inches and maximum 38 inches above floor
- Minimum 6-inch nominal height



(c) GRAB BAR REINFORCEMENT FOR ADAPTABLE SHOWERS

**FIGURE 11A-9G
REINFORCEMENT FOR GRAB BARS**

CBC 1134A.6(4)

35. Specify any shower thresholds shall comply with the following:
- Maximum 2-inch height with maximum 50% beveled slope
- Exception:** Maximum 1/2-high thresholds may have maximum 100% beveled slope

CBC 1134A.6(5)

36. Specify shower faucet and mechanism controls complying with the following:
- Exception:** Shower spray units are not required in bathtubs
- Operable with maximum 5 pounds of force
 - Operable with one hand and without tight grasping, pinching, or twisting of wrist
 - Self-closing valves allowed if faucet remains open for minimum 10 seconds

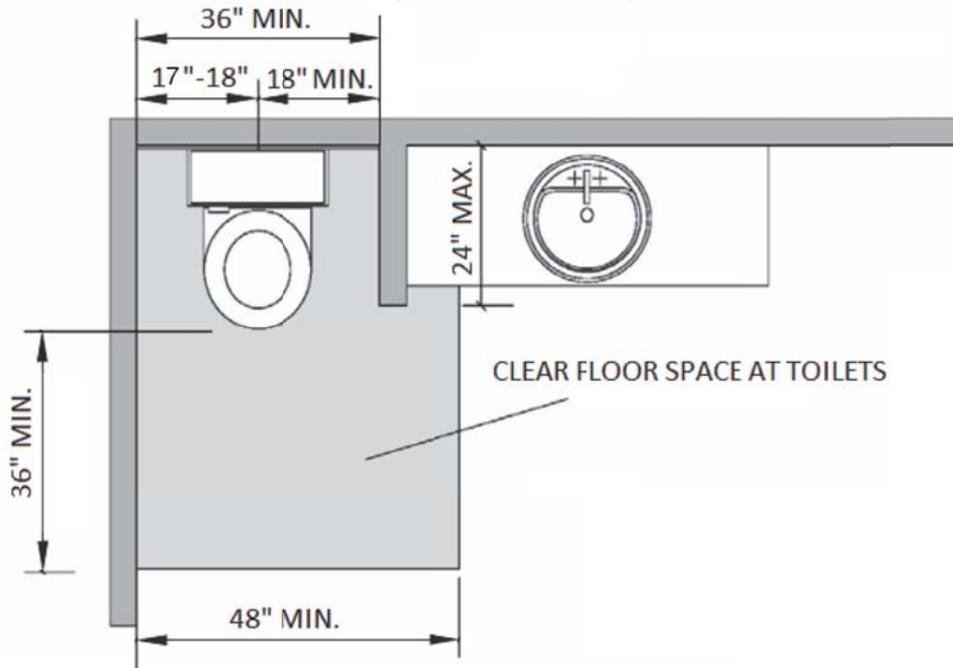
CBC 1134.6(6)

37. Specify any enclosures provided for showers shall comply with the following:
- Any hinged doors swinging outward
 - Shatter-resistant materials in doors and panels
 - Glazing in doors and panels per one of the following:
 - o Minimum 1/8-inch-thick fully tempered glass
 - o Minimum 1/4-inch-thick laminated glass
 - o Shatter-resistant plastic

CBC 1134A.6(7)

TOILETS

38. Dimension clear floor space per the following at each accessible toilet:
- Minimum 48-inches wide
- Exception:** Minimum 36-inch width acceptable for maximum 24-inch-deep lavatories, cabinets, wing walls, or privacy walls located immediately adjacent to toilet per CBC Figure 11A-9M
- Extending minimum 36 inches past front edge of toilet
 - No door encroachment unless minimum 30-inch by 48-inch maneuvering space provided within bathroom outside door swing



**FIGURE 11A-9M
WING WALL OR CABINET AT WATER CLOSET**

CBC 1134A.4 and CBC 1134A.7(1)

39. Dimension minimum 17 inches and maximum 18 inches between centerline of water closet fixtures and adjacent side walls or partitions.
- Exception:** Water closets in locations without adjacent walls shall be positioned to allow future installation of grab bar on one side of fixture

CBC 1134A.7(1)

40. Detail wall reinforcement – e.g., blocking – complying with the following per CBC Figure 11A-9G(a) at accessible water closet for future installation of grab bars:

Exception: Water closets in locations without adjacent walls shall be positioned to allow future installation of floor-mounted, fold-away, or similar alternative grab bars

- Located on both sides or one side and rear
- Rear wall reinforcement per the following:
 - o Minimum 32 inches and maximum 38 inches above floor
 - o Minimum 40-inch length
 - o Minimum 6-inch nominal height
- Side wall reinforcement per the following:
 - o Minimum 32 inches and maximum 38 inches above floor
 - o Maximum 12 inches from rear wall
 - o Extending minimum 26 inches in front of water closet
 - o Minimum 6-inch nominal height



(a) GRAB BAR REINFORCEMENT FOR ADAPTABLE WATER CLOSETS

**FIGURE 11A-9G
REINFORCEMENT FOR GRAB BARS**

CBC 1134A.7(2)

41. Dimension minimum 15-inch height of accessible water closet seats above floor.

CBC 1134A.7(3)

42. Specify water closet controls complying with the following:

- Mounted maximum 44 inches above floor
- Operable with maximum 5 pounds of force
- Operable with one hand and without tight grasping, pinching, or twisting of wrist

CBC 1134A.7(4)

LAVATORIES

43. Dimension location of accessible lavatories to comply with the following:

- Where forward approach allowed, minimum 18 inches from centerline of fixture to adjacent wall or fixture
- Where parallel approach required, minimum 24 inches from centerline of fixture to adjacent wall or fixture
- Top of fixture rim maximum 34 inches above floor

CBC 1134A.8(1)

44. Dimension clear maneuvering space per the following at each accessible lavatory:

- Minimum 30 inches by 48 inches centered on lavatory
- No door encroachment unless minimum 30-inch by 48-inch maneuvering space provided within bathroom outside door swing

CBC 1134A.4 and CBC 1134A.8(2)

45. Detail knee clearance beneath accessible lavatories complying with the following:

- Minimum 27-inch vertical clearance from front to minimum 8-inch depth
- Reducing to minimum 9-inch vertical clearance at minimum 11-inch depth at rate of 1 inch in depth for each 6 inches in height
- Minimum 30-inch width

CBC 1134A.8(4) and CBC 1138A.2

46. Detail toe clearance beneath accessible lavatories complying with the following:

- Minimum 30 inches wide
- Minimum 9 inches high
- Minimum 17 inches deep from front edge

CBC 1134A.8(4) and CBC 1138A.2

47. Specify one of the following configurations to ensure knee and toe clearances provided per items 45 and 46:
- Space beneath lavatory shall be left clear and unobstructed
 - Any cabinet beneath lavatory shall be removable without specialized tool or knowledge
 - Doors to any cabinet beneath lavatory shall be removable or openable such that required knee and toe clearance provided without obstruction
- CBC 1134A.8(4.3)*

48. Specify the following for knee and toe clearances beneath accessible lavatories:
- Insulated hot water and drain pipes
 - No sharp or abrasive surfaces
 - Finished floor beneath lavatory shall extend to wall
- CBC 1134A.8(5) and CBC 1134A.8(6)*

49. Specify faucet and mechanism controls complying with the following:
- Operable with maximum 5 pounds of force
 - Operable with one hand and without tight grasping, pinching, or twisting of wrist
 - Self-closing valves allowed if faucet remains open for minimum 10 seconds
- CBC 1134.8(7)*

50. Specify any mirrors or towel fixtures shall be mounted with bottom edge maximum 40 inches above floor.
- CBC 1134.8(8)*

LAUNDRY APPLIANCES

51. If washers and dryers are provided in covered multifamily dwelling units, specify at least one each type shall be accessible and front-loading.
- Exception:** Where front-loading washers not provided, management shall provide assistive devices – on request of occupant – for use with top-loading washers
- CBC 1135A.1*

MISCELLANEOUS

52. Specify controls and operating mechanisms shall comply with the following:
- Exception:** Appliances – including stoves, dishwashers, range hoods, microwaves – having controls on the appliance
- Minimum 15 inches and maximum 48 inches high above floor and within reach ranges per accessibility correction list 5A
 - Operable with maximum 5 pounds of force
 - Operable by single effort and without tight grasping, tight pinching, or twisting of the wrist
- CBC 1136A.2*

53. Specify any electrical switches or outlets in common-use areas shall be located per the following:
- Exception:** Receptacle outlets installed as part of permanent baseboard heaters are exempt from height and reach limits
- Exception:** Required receptacle outlets allowed in floors when adjacent to sliding panels or walls
- Exception:** Baseboard electrical outlets used in relocatable partitions, window walls, or other electrical convenience floor outlets are exempt from minimum height limits
- Minimum 15 inches from bottom of receptacle/outlet box to finished floor
 - Maximum 48 inches from top of receptacle/outlet box to finished floor
 - Within reach ranges per accessibility correction list 5A
- CBC 1136A.1*