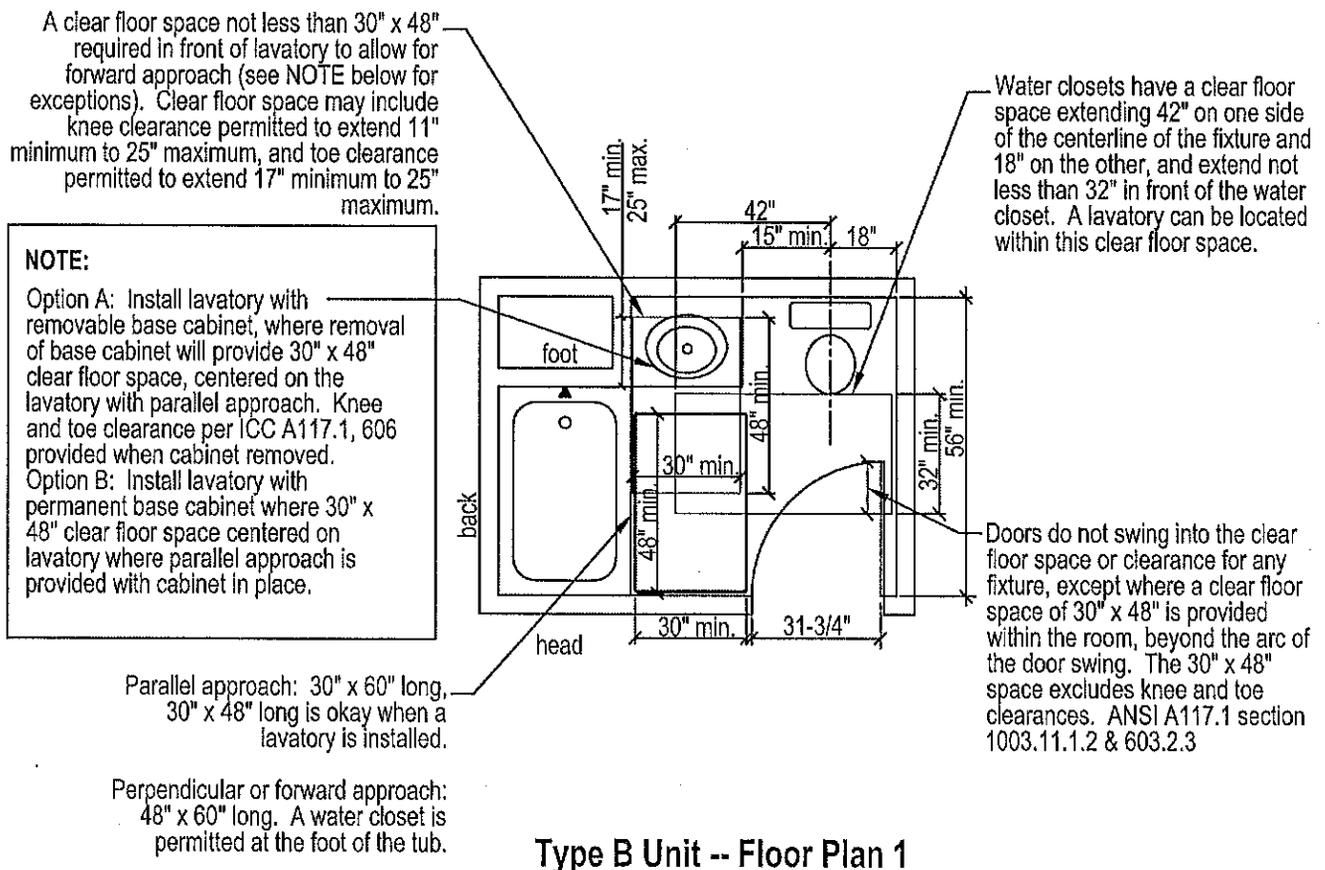


2009 Codes

In Groups R-1, R-2, and R-4: When buildings have 4 or more dwelling or sleeping units intended to be occupied as residences, each of these units must be a Type B Unit.



**GENERAL INFORMATION:**

- Only one bathroom per unit has to be accessible.
- Cabinets and shelving can be installed underneath counter space or lavatories provided that it is not permanent, the finish floor extends under the cabinets (ICC A117.1, 1002.12.3.1), and they are easily removable (with the use of nuts, bolts, and screws and/or without using a saw, prybar, or jackhammer).
- All doors on accessible routes have a clear opening of 32" minimum, measured from the face of the door, when open 90% to the door stop. See Tip Sheet 14 Accessibility and Door Clearance.
- Thresholds, if provided, are 1/2" high, maximum.
- Grab bars: 1-1/4" to 2" in diameter, or the shape provides an equivalent gripping surface and is capable of supporting 250 lbs.
- For code requirements refer to:
  1. Chapter 11 of the 2009 IBC
  2. Appendix Chapter E, Sections E101 - E107
  3. ICC / ANSI A117.1 - 1998, as amended in IBC 1101.2

# Bathrooms -- Type B Unit

Faucet controls are operable with one hand and do not require tight grasping.

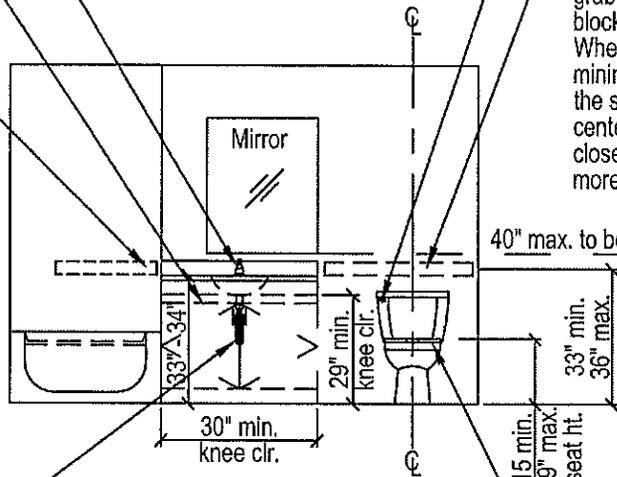
Removable base cabinet. See the second bullet under GENERAL INFORMATION on page 1.

Locate blocking for grab bar which when installed, extends 24" from clear floor space on wall at end of tub near drain.

Insulate hot water supply & drain.

Flush controls mounted for use from wide side of water closet area and not more than 46" above floor with force to activate no greater than 5 lbs.

Install blocking for 24" long minimum grab bar. Where space permits, install blocking for 36" long minimum grab bar. When installed, grab bar extends minimum 12" beyond centerline toward the side wall and 24" beyond the centerline in the open side above water closet. When mounted, grab bar is not more than 9" behind seat.

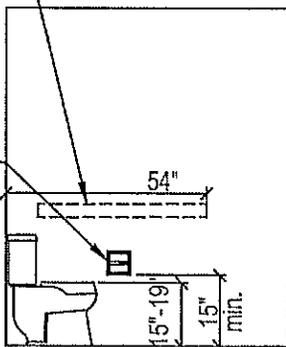


**NOTE:**  
Unless otherwise noted, all grab bars are 33" minimum, 36" maximum above finish floor.

North Wall Interior Elevation for Floor Plan 1

Install blocking for 42" long minimum grab bar. When installed, grab bar is 12" maximum from rear wall and extends 54" minimum.

Toilet paper and other dispensers or receptacles must be installed within easy reach of water closet and not interfere with grab bar utilization.



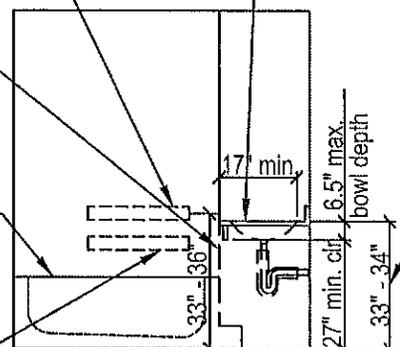
For tubs without permanent seats. Install blocking for two 24" minimum long grab bars. Grab bars are 24" maximum from head of tub and 12" from foot of tub.

Removable base cabinet, see the second bullet under GENERAL INFORMATION on page 1.

Bathtub enclosures do not obstruct controls. Enclosures do not have tracks mounted on tub rim.

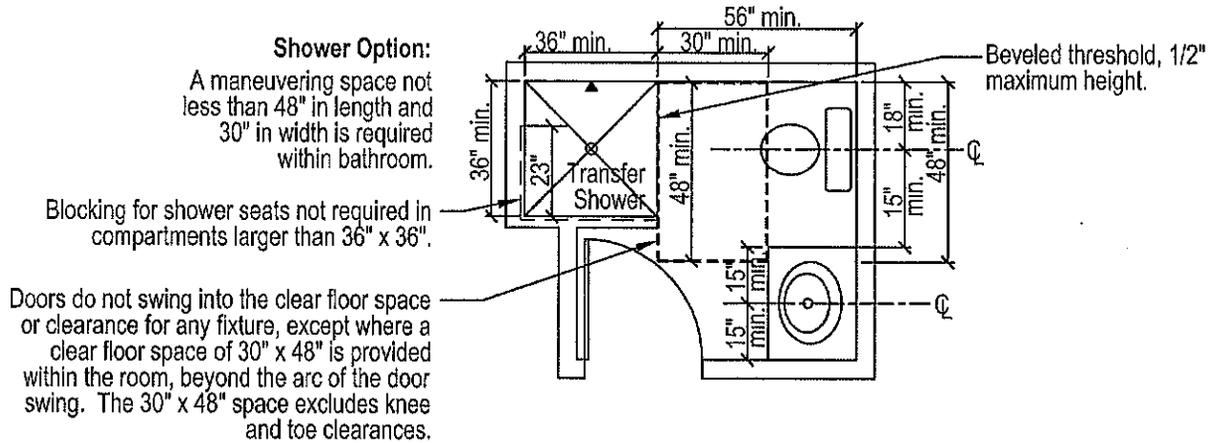
Install blocking for grab bar identical to above. When installed, grab bar is 9" from rim of tub.

Lavatories are mounted with the rim 34" maximum above the floor and with a clearance of 27" minimum from the floor to the bottom of the front edge of the apron.

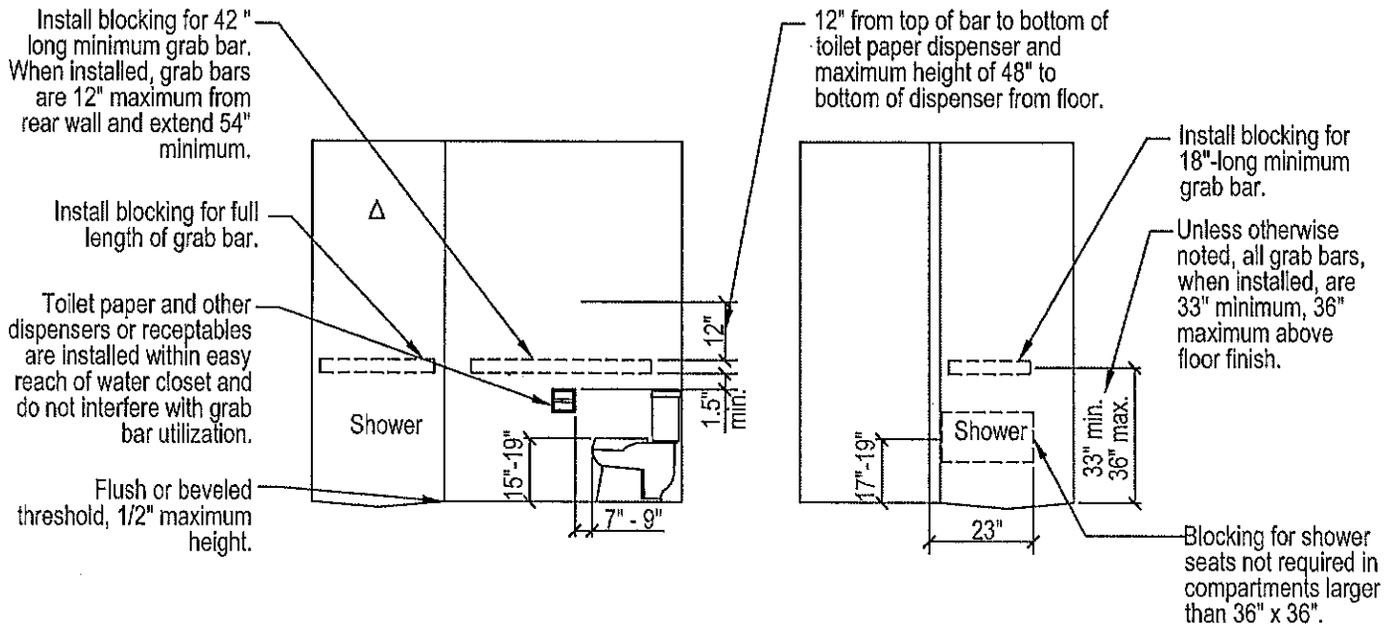


**NOTE:**  
For tubs with permanent seats at end, install blocking for two grab bars. Ends of grab bars are 15" maximum from head and 12" maximum from foot.

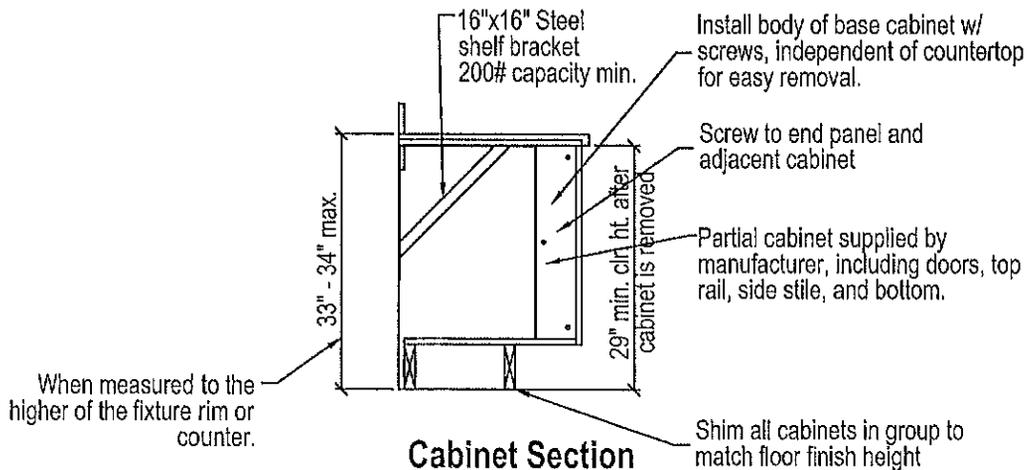
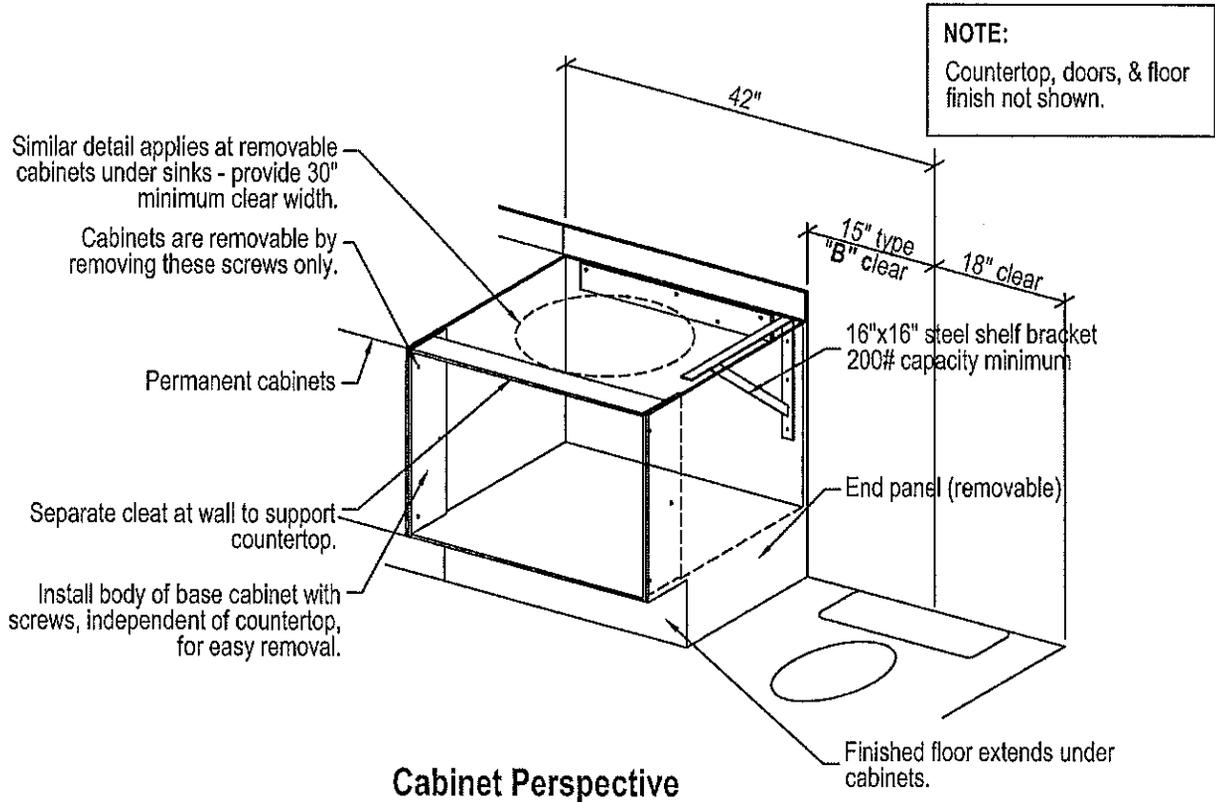
East and West Wall Interior Elevations for Floor Plan 1

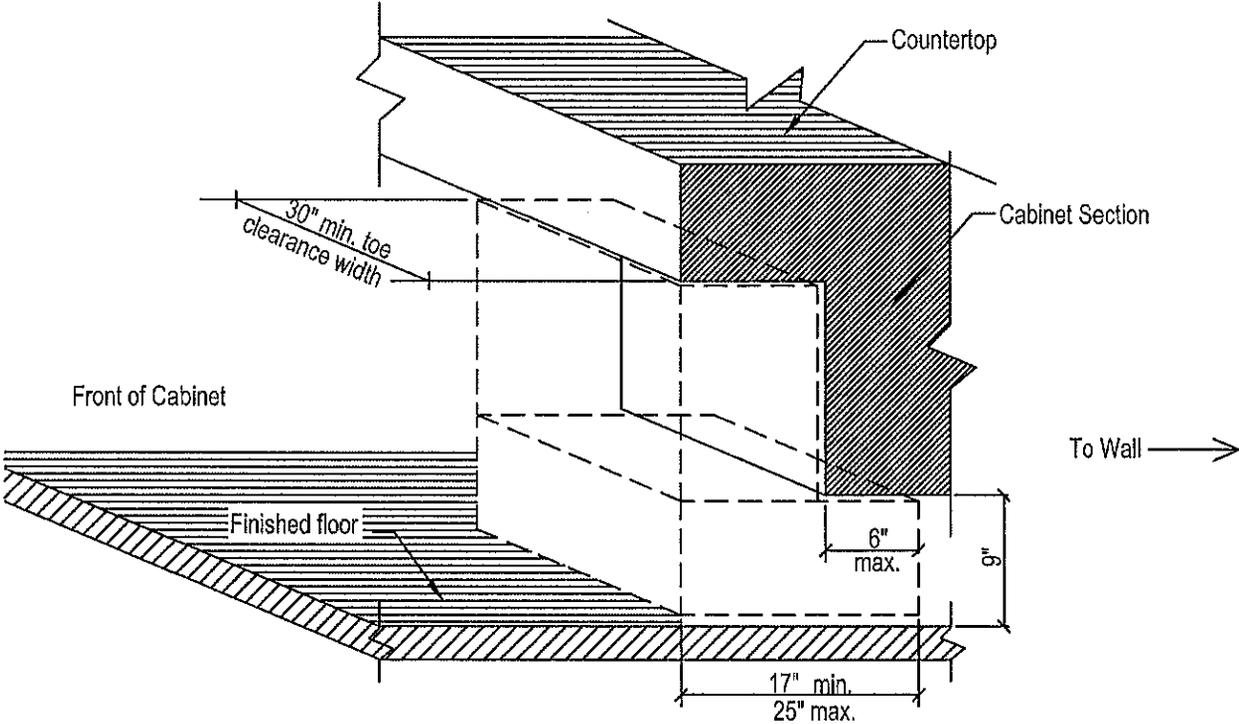


Type B Unit -- Floor Plan 2 with Shower Option

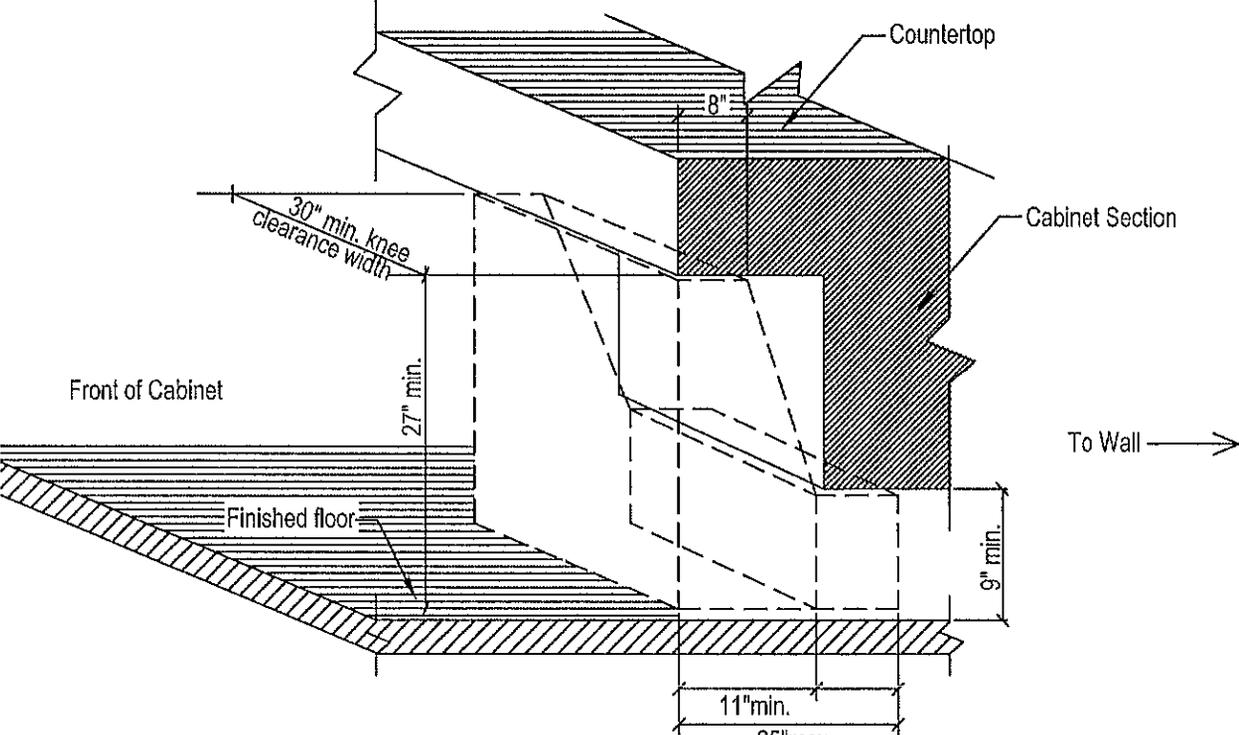


North and West Wall Interior Elevations for Floor Plan 2 with Shower Option





Toe Clearance



Knee Clearance