

31.7.5 Grab bars: Two grab bars shall be provided as shown in Fig. 31c and 31d.

- They shall be placed horizontally between 33 and 36 inches (33" to 36" = 838mm to 914mm) above the floor line. In a 36 by 36 inch (36" by 36" = 914mm by 914mm) stall, two 30 inch (30" = 762mm) grab bars shall be provided, one on the back wall and one on the wall opposite the seat. In a 30 inch by 60 inch (30" by 60" = 762mm by 1524mm), two grab bars, one 42 inches (42" = 1067mm) long and one 24 inches (24" = 608mm) long shall be installed on the long wall and the short wall opposite the seat. In the alternative, a continuous L-shaped grab bar in the shower is acceptable.
- The *structural strength* of grab bars and their attachments shall comply with the definition of structural strength in 521 CMR 5, DEFINITIONS.
- Grab bars shall be 1¼ inches to 1½ inches (1¼" to 1½" = 32mm to 38mm) in outside diameter, and have a 1½ inch (1½" = 38mm) clearance between the bar and the wall. See Fig. 25a.
- Grab bars shall also be non-rusting and acid-etched or roughened.

31.7.6 Soap trays shall not incorporate hand hold features unless they can support 250 pounds for five minutes.

31.7.7 Spray Shower Unit. A shower spray unit attached to a flexible metal hose at least 60 inches (60" = 1524mm) long and adjustable from 42 inches to 72 inches (42" to 72" = 1067mm to 1829mm) that can be used both as a fixed shower head and as a hand-held shower shall be provided.

Exception: In unmonitored facilities where vandalism is a consideration, a fixed shower head mounted at 48 inches (48" = 1219mm) above the shower floor may be used in lieu of a hand-held shower head.

31.7.8 Curbs: If provided, curbs in shower stalls 36 inches by 36 inches (36" by 36" = 914mm by 914mm) shall be no higher than ½ inch (½" = 13 mm). Shower stalls that are 30 inches by 60 inches (30" by 60" = 762mm by 1524mm) minimum shall not have curbs.

31.7.9 Shower Enclosures: If provided, enclosures for shower stalls shall not obstruct controls or obstruct transfer from wheelchairs onto shower seats.

31.8 GANG SHOWERS

Shall also comply with 521 CMR 31 except for the provisions contained in 521 CMR 31.7.1.

31.9 BATHTUBS

Accessible bathtubs shall comply with the following:

31.9.1 *Clear floor space*: Clear floor space in front of bathtubs shall be as shown in Fig. 31e and 31f.

