no case shall any dam or threshold be less than 50mm (2 in.) or exceeding 25cm (9 in.) in depth when measured from the top of the dam or threshold to the top of the drain. Each such receptor shall be provided with an integral nailing flange to be located where the receptor meets the vertical surface of the finished interior of the shower compartment. The flange shall be water-tight and extend vertically not less than 25mm (1 in.) above the top of the sides of the receptor. The finished floor of the receptor shall slope uniformly from the sides toward the drain not less than 20mm/m (0.25 in./ft.), nor more than 40mm/m (0.5 in./ft.). Thresholds shall be of sufficient width to accommodate not less than a 60cm (22 in.) door. Shower doors shall open so as to maintain not less than a 60cm (22 in.) unobstructed opening for egress.

Exception: Showers that are designed to comply with the accessibility standards listed in Table 14-1 or equivalent International Standard(s) approved by the Authority of Having Jurisdiction.

411.7 Shower compartments, regardless of shape, shall have a finished interior of not less than 0.7m^2 (1,024 in.^{2}) and shall also be capable of encompassing a 80cm (30 in.) circle. The minimum required area and dimensions shall be measured at a height equal to the top of the threshold and at a point tangent to its centerline. The area and dimensions shall be maintained to a point of not less than 1.8m (70 in.) above the shower drain outlet with no protrusions other than the fixture valve or valves, shower head, soap dishes, shelves, and safety grab bars or rails. Fold-down seats in accessible shower stalls shall be permitted to protrude into the 80cm (30 in.) circle.

Exception No. 1: Showers that are designed to comply with ICC A117.1.

Exception No. 2: The minimum required area and dimension shall not apply for a shower receptor having overall dimensions of not less than 80cm (30 in.) in width and 1.5m (60 in.) in length.

411.8 When the construction of on-site built-up shower receptors is permitted by the Authority Having Jurisdiction, receptors built directly on the ground shall be water-tight and shall be constructed from approved-type dense, nonabsorbent and noncorrosive materials. Each such receptor shall be adequately reinforced, shall be provided with an approved flanged floor drain designed to make a water-tight joint in the floor, and shall have smooth, impervious, and durable surfaces.

Shower receptors shall have the subfloor and rough side of walls to a height of not less than 80mm (3 in.) above the top of the finished dam or threshold and shall be first lined with sheet plastic,* lead,* or copper,* or lined with other durable and water-tight materials. Showers that are provided with a built in place, permanent seat or seating area that is located within the shower enclosure, shall be first lined with sheet plastic,* lead,* copper,* or shall be lined with other durable and water-tight materials that extend not less than 80mm (3 in.) above horizontal surfaces of the seat or the seating area.

Lining materials shall be pitched 20mm/m (0.25 in./ft.) to weep holes in the subdrain of a smooth and solidly formed subbase. Such lining materials shall extend upward on the rough jambs of the shower opening to a point not less than 80mm (3 in.) above the horizontal surfaces of the seat or the seating area, the top of the finished dam or threshold and shall extend outward over the top of the permanent seat, permanent seating area, or rough threshold and be turned over and fastened on the outside face of both the permanent seat, permanent seating area, or rough threshold and the jambs.

Nonmetallic shower subpans or linings shall be permitted to be built up on the job site of not less than three layers of standard grade, 7kg (15 lbs.) of asphalt-impregnated roofing felt. The bottom layer shall be fitted to the formed subbase and each succeeding layer thoroughly hot-mopped to that below. Corners shall be carefully fitted and shall be made strong and water-tight by folding or lapping, and each corner shall be reinforced with suitable webbing hot-mopped in place.

Folds, laps, and reinforcing webbing shall extend not less than 100mm (4 in.) in all directions from the corner, and webbing shall be of approved type and mesh, producing a tensile strength of not less than 3.5bar (50 psi) in either direction. Nonmetallic shower subpans or linings shall be permitted to consist of multilayers of other approved equivalent materials suitably reinforced and carefully fitted in place on the job site as elsewhere required in this section.

Linings shall be properly recessed and fastened to approved backing so as not to occupy the space required for the wall covering and shall not be nailed or perforated at any point that is less than 25mm (1 in.) above the finished dam or threshold. An approved-type subdrain shall be installed with every shower subpan or lining. Each such sub-drain shall be of the type that sets flush with the subbase and shall be equipped with a clamping ring or other device to make a tight connection between the lining and the drain. The subdrain shall have weep holes into the waste line. The weep holes located in the subdrain clamping ring shall be protected from clogging.