

404.2 Connections. Fixtures having concealed slip joint connections shall be provided with an access panel or utility space not less than 30cm (1 ft.) in its least dimension and so arranged without obstructions as to make such connections accessible for inspection and repair.

404.3 Continuous wastes and fixture tailpieces shall be constructed from the materials specified in Section 701.0 for drainage piping, provided, however, that such connections where exposed or accessible shall be permitted to be of seamless drawn brass not less than 0.8mm (0.032 in. [No. 20 B&S Gauge]). Each such tailpiece, continuous waste, or waste and overflow shall be not less than 40mm (1.5 in.) O.D. for sinks, dishwashers, laundry tubs, bathtubs, urinals, and similar fixtures, and not less than 32mm (1.25 in.) for lavatories, drinking fountains, and similar small fixtures.

404.4 Approved wye or other directional-type branch fittings shall be installed in continuous wastes connecting or receiving the discharge from food waste disposal units, dishwashers, clothes washers, or other force discharge fixtures or appliances. No dishwasher drain shall be connected to a sink tailpiece, continuous waste, or trap on the discharge side of a food waste disposal unit.

405.0 Prohibited Fixtures.

405.1 Water closets having an invisible seal or an unventilated space or having walls which are not thoroughly washed at each discharge shall be prohibited. Any water closet that might permit siphonage of the contents of the bowl back into the tank shall be prohibited. Drinking fountains shall not be installed in public toilet rooms.

405.2 Prohibited Urinals. Trough urinals and urinals with an invisible seal shall be prohibited.

Exception: Non-water urinals.

405.3 Fixed wooden, or tile wash trays or sinks for domestic use shall not be installed in any building designed or used for human habitation. No sheet metal-lined wooden bathtub shall be installed or reconnected. No dry or chemical closet (toilet) shall be installed in any building used for human habitation, unless first approved by the Health Officer.

406.0 Special Fixtures and Specialties.

406.1 Water and Waste Connections. Baptisteries, ornamental and lily ponds, aquaria, ornamental fountain basins, and similar fixtures and specialties requiring water and/or waste connections shall be submitted for approval to the Authority Having Jurisdiction prior to installation.

406.2 Restaurant kitchen and other special use sinks shall be permitted to be made of approved-type bon-

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derized and galvanized sheet steel of not less than 1.6mm (0.0625 in. [No. 16 U.S. Gauge]). Sheet-metal plumbing fixtures shall be adequately designed, constructed, and braced in an approved manner to satisfactorily accomplish their intended purpose.

406.3 Special Use Fixtures. Special use fixtures shall be made of one of the following:

- (1) Soapstone
- (2) Chemical stoneware
- (3) Copper-based alloy
- (4) Nickel-based alloy
- (5) Corrosion-resistant steel
- (6) Other materials suited for the intended use of the fixture.

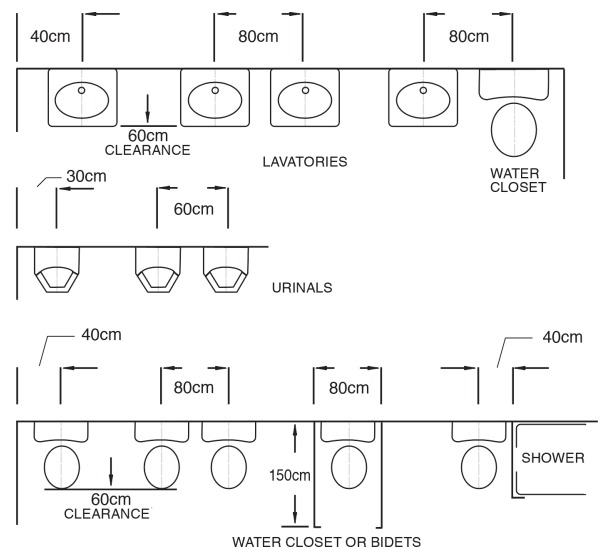
406.4 Zinc Alloy Components. Zinc alloy components shall meet the applicable nationally recognized standards and shall be used in accordance with their listing.

407.0 Installation.

407.1 Cleaning. Plumbing fixtures shall be installed in a manner to afford easy access for repairs and cleaning. Where practical, pipes from fixtures shall be run to the nearest wall.

407.1.1 Interior Finish. Plumbing fixtures installed in bathrooms shall be finished with a nonabsorbent floor and wall surface. Such wall surfaces shall extend to a height of not less than 2m (7 ft.).

407.2 Joints. Where a fixture comes in contact with the wall or floor, the joint between the fixture and the wall or floor shall be made water-tight.



SI: 1 cm = 0.39 in.

Figure 4-1
Clearances for Fixtures