

Part 1 General

1.1 RELATED SECTIONS

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 01 74 21 - Construction/Demolition Waste Management And Disposal.

1.2 REFERENCES

- .1 Canadian Standards Association (CSA)
 - .1 CAN/CSA-B651-95, Barrier-Free Design.

1.3 SHOP DRAWINGS

- .1 Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Indicate size and description of components, base material, surface finish inside and out, hardware and locks, attachment devices, description of rough-in-frame, building-in details of anchors for grab bars.

1.4 CLOSEOUT SUBMITTALS

- .1 Provide maintenance data for toilet and bath accessories for incorporation into manual specified in Section 01 78 00 - Closeout Submittals.

1.5 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management And Disposal.

1.6 EXTRA MATERIALS

- .1 Provide special tools required for accessing, assembly/disassembly or removal for toilet and bath accessories in accordance with requirements specified in Section 01 78 00 - Closeout Submittals.

Part 2 Products

2.1 MATERIALS

- .1 Fasteners: concealed screws and bolts hot dip galvanized, exposed fasteners to match face of unit. Expansion shields fibre, lead or rubber as recommended by accessory manufacturer for component and its intended use.

2.2 COMPONENTS

- .1 Toilet tissue dispenser: Wall mounted single roll dispenser offers durability in all metal keyed lock package. Welded all steel construction offers maximum fire protection. Roll diameters up to 13" with 2-1/4" to 3" spindle diameters. Finish: 304 stainless steel.

- .1 Acceptable material: 168S Frost or equivalent approved by ministry representative.
- .2 Soap dispenser: Easy refill at top. Keyed lock filler cap. Lucite soap level indicator window. All mounting screws concealed. Drawn and welded construction of 20 gauge stainless steel. Capacity of 1.2 kg (40 oz.).
 - .1 Acceptable material: 708A Frost or equivalent approved by ministry representative.
- .3 Feminine napkin disposal bin: Pivoting self closing lid. French/English napkin disposal label is embossed on lid. Pivoting door utilizes full length piano hinge. All welded stainless steel construction (22 gauge). Dimensions: W203mm x H 336mm x D114mm.
 - .1 Acceptable material: 622 Frost or equivalent approved by ministry representative.
- .4 Grab bars: 38 mm dia x 1.2 mm wall tubing of type 304 stainless steel, 85 mm diameter wall flanges, exposed screw attachment, flanges welded to tubular bar, provided with steel back plates and all accessories. Knurl bar at area of hand grips. Grab bar material and anchorage that provide 38mm clearance from wall can support loads in excess of 408kg..
 - .1 Acceptable material: 1001-NP24 and 1001-NP36 Frost or equivalent approved by ministry representative.
- .5 Waste receptacle: Wall Mounted Waste Receptacles, Stainless steel construction of unit for high traffic areas. Waste receptacle is completely removable for convenient maintenance. All stainless welded construction. Dimensions: W387mm x H 611mm x D190mm. Capacity: 50 litres.
 - .1 Acceptable material: 326 Frost or equivalent approved by ministry representative.
- .6 Diaper changing station - surface mounted wall unit: Baby changing station body shall be durable, injection-molded polypropylene. Design of unit shall be surface-mounted. Unit shall be equipped with a pneumatic cylinder for controlled opening and closing of bed. Bed shall be secured to metal mounting chassis with a concealed steel-on-steel hinge. No hinge structure shall be exposed on interior or exterior surfaces. Unit shall have mounting hardware included. Unit shall have Microban® antimicrobial embedded into plastic material on the changing surface. Unit shall comply with ADA regulations when properly installed. Bed shall have smooth concave changing area with a nylon safety strap and two hooks for bags or purses.
 - .1 5-year warranty on materials and workmanship and include a provision for replacement caused by vandalism.
 - .2 Acceptable material: KB100-00 Bobrick or equivalent approved by ministry representative.
- .7 Mirror: One piece 24 gauge stainless steel channel frame provides rigid assembly. Comes in bright annealed finish. Vandal resistant concealed three way mounting. Standard float glass with shock resistant primary back. Full galvanized back panel.
 - .1 Acceptable material: 941TG Frost or equivalent approved by ministry representative.

2.3 FABRICATION

- .1 Weld and grind joints of fabricated components flush and smooth. Use mechanical fasteners only where approved.
- .2 Wherever possible form exposed surfaces from one sheet of stock, free of joints.
- .3 Form surfaces flat without distortion. Maintain flat surfaces without scratches or dents.
- .4 Hot dip galvanize concealed ferrous metal anchors and fastening devices to CSA G164.
- .5 Shop assemble components and package complete with anchors and fittings.
- .6 Deliver inserts and rough-in frames to job site at appropriate time for building-in. Provide templates, details and instructions for building in anchors and inserts.
- .7 Provide steel anchor plates and components for installation on studding and building framing.

Part 3 Execution

3.1 INSTALLATION

- .1 Install and secure accessories rigidly in place as follows:
 - .1 Stud walls: install steel back-plate to stud prior to plaster or drywall finish. Provide plate with threaded studs or plugs.
 - .2 Existing plaster/drywall: use toggle bolts drilled into cell/wall cavity.
 - .3 Toilet compartments: use male/female through bolts.
- .2 Install grab bars on built-in anchors provided by bar manufacturer.
- .3 Use tamper proof screws/bolts for fasteners.
- .4 Fill units with necessary supplies shortly before final acceptance.

3.2 SCHEDULE

- .1 Locate accessories where indicated.
- .2 Toilet tissue dispenser: one in each toilet compartment mounting height 750 mm F.F.F.
- .3 Automatic soap dispenser: one at each rooms of toilets of the ladies and the men.
- .4 Feminine napkin disposal bin: one in each female toilet and handicapped toilet mounting height 785 mm F.F.F.
- .5 Grab bar: two in each handicapped toilet. Height of grab bar from floor 800 mm. Side grab bar: maximum distance from rear wall 300 mm, minimum distance passed front edge of toilet 450 mm.
- .6 Hook: one in each toilet compartment mounting height 1400 mm F.F.F. Height for handicapped toilet: 1000 mm F.F.F.

- .7 Waste receptacle: one in each washroom. Maximum height of dispenser and operable part from floor 1100 mm.
- .8 Diaper changing station: one in each washroom, mounting height from floor 1155 mm.

END OF SECTION