
**Washroom Buildings Recapitalization
Buildings 32, 34 & 38
Newman Sound Campground
Terra Nova National Park, NL
Proj. No.: R.079272.001**

Issued May 26, 2016

Section 10 28 00 – Toilet and Bath Accessories

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PART 1 - GENERAL

1.1 Related Work

- .1 Section 10 21 20 – Solid Plastic Toilet Partitions.

1.2 References

- .1 ASTM A 167-99(2009), Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.
- .2 CAN/CGSB-12.5-M86, Mirrors, Silvered.
- .3 CAN/CSA-B651-M95, Barrier-Free Design.
- .4 CAN/CSA-G164-M92 (R1998), Hot Dip Galvanizing of Irregularly Shaped Articles.

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 Samples

- .1 Submit samples in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Samples to be returned for inclusion into work.

1.5 Closeout Submittals

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

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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.
- .2 Deliver special tools to Engineer.

PART 2 - PRODUCTS

2.1 Materials

- .1 Stainless steel sheet metal: to ASTM A 167, Type 302, with No. 4 satin finish.
- .2 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 Item #1: Surface toilet paper holder: Double roll, 2000 sheet roll capacity, cast aluminum housing, satin finish, 320 mm wide x 125 mm projection from wall.
 - .1 Acceptable material: model B-2740 as manufactured by Bobrick Washroom Equipment Of Canada Ltd., model 0264-1A by Watrous Inc. or an approved equal. Bradley Model No. 5241.
 - .2 Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.
- .2 Item #2: semi-recessed waste receptacle for 102 mm walls, satin finish stainless steel door, removable stainless steel waste receptacle.
 - .1 Acceptable material: model B-3644 as manufactured by Bobrick Washroom Equipment Of Canada Ltd., model 0458 by Watrous Inc. or an approved equal. Bradley Model No. 344.
 - .2 Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.
- .3 Item #3: soap dispenser: Surface mounted, satin finish, 1.2l capacity, 180 x 155mm.
 - .1 Acceptable material: model B-4112 as manufactured by Bobrick Washroom Equipment Of Canada Ltd. Bradley Model No. 6542.
 - .2 Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.
- .4 Item #4: single clothes hook, polished type 304 stainless steel, 50 mm x 50 mm, projects 50 mm from

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wall.

- .1 Acceptable material: model B-671 as manufactured by Bobrick Washroom Equipment Of Canada Ltd., model 7340 by Watrous or an approved equal. Bradley Model No. 9114.
 - .2 Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.
- .5 Item #5: Shelf with 3 mop holders and 2 hooks, 1.2 mm type 304 stainless steel; 205 mm deep, 150mm high. (3 Required)
- .1 Acceptable manufacturer: model B-224 x 30 as manufactured by Bobrick, model 1315-3 by Watrous Inc. or an approved equal. Bradley Model No. 9983.
 - .2 Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.
- .6 Item #6: Grab bar; 40 mm dia x 0.8 mm wall x 610 mm tubing of stainless steel, 80 mm diameter wall flanges, concealed screw attachment, flanges welded to tubular bar, provided with steel back plates and all accessories. Peen bar at area of hand grips. Grab bar material and anchorage to withstand downward pull of 2.2 kN.
- .1 Acceptable material: model 6806.99x24 by Bobrick, model 3224 by Watrous or approved equal. Bradley Model No. 812-7 x 24.
 - .2 Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.
- .7 Item #7 Grab Bar; ; 40 mm dia x 0.8 mm wall 762mm tubing of stainless steel, 80 mm diameter wall flanges, concealed screw attachment, flanges welded to tubular bar, provided with steel back plates and all accessories. Peen bar at area of hand grips. Grab bar material and anchorage to withstand downward pull of 2.2 kN..
- .1 Acceptable material: 6806.99 x 30 by Brobrick, Model 3230 by Watrous, Bradley 812-7 x 30.
 - .2 Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.
- .8 Item #8: Grab bar; 40 mm dia x 0.8 mm wall x 910 mm tubing of stainless steel, 80 mm diameter wall flanges, concealed screw attachment, flanges welded to tubular bar, provided with steel back plates and all accessories. Peen bar at area of hand grips. Grab bar material and anchorage to withstand downward pull of 2.2 kN.
- .1 Acceptable material: model 6806.99x36 by Bobrick, model 3236 by Watrous or approved equal. Bradley 812-7 x 36.
 - .2 Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.
- .9 Item #9: Grab bar; 40 mm dia x 0.8 mm wall x 305 mm tubing of stainless steel, 80 mm diameter wall flanges, concealed screw attachment, flanges welded to tubular bar, provided with steel back plates and all accessories. Peen bar at area of hand grips. Grab bar material and anchorage to withstand downward pull of 2.2 kN.
- .1 Acceptable material: model 6806.99x42 by Bobrick, model 3236 by Watrous or approved equal. Bradley 812-7 x 42.
 - .2 Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.

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- .10 Item #10: Semi recessed sanitary napkin disposal, type 304 stainless steel, spring loaded self closing door.
- .1 Acceptable material: model B-35303 by Bobrick, model 0473 by Watrous or an approved equal. Bradley Model No. 4737.
 - .2 Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.
- .11 Item #11: Mirror: type 304 stainless steel frame, satin finish, no. 1 quality 6 mm glass mirror electrolytically copper plated, size as indicated.
- .12 Item #12: Curtain rod: ceiling mounted extruded aluminium hospital cubicle curtain style track 35 mm wide x 19 mm high, secured to ceiling with tamper proof TORX screws at drywall ceiling supports, maximum 400 mm centres. Acceptable product: System 100 track by Mono-Q-Portway or approved equal.
- .1 Carriers: Solid nylon cove glides with s.s. hooks, supply sufficient number for spacing, maximum 200 mm centers. Acceptable product: #504 by Mono-Q-Portway or an approved equal.
 - .2 Shower Curtain: Full height, floor to ceiling length, less 150 mm, PVC 0.2 mm thickness suede embossed colour fast, with shower ring grommets reinforced with aluminium, exposed at header. Curtain to be clear at top and bottom with embossed non-see-thru at centre panel of 800 mm. Acceptable product: Frost, Watrous, Bobrick Pride Contract or an approved alternate.
 - .3 Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.
- .13 Item # 13: Baby changing station: surface mounted, wall unit, durable, injection-molded polypropylene, polyethylene insert, moulded-in steel-on-steel hinge assembly equipped with pneumatic cylinder for controlled opening and closing of bed. Unit shall have antimicrobial embedded into plastic material on the changing surface, 890mm wide x 560mm high, liner dispenser, safety belt, safety instructions, graphic illustration, labeled with universally accepted symbol.
1. Acceptable material: model KB200-00 as manufactured by Bobrick Washroom Equipment of Canada Ltd., or an approved equal.
 2. Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.
- .14 Item # 14: Hand dryer: listed under re-examination service of ULC and CSA approved:
1. Mounting: surface
 2. Wall box: 16 gauge steel
 3. Cover: white enamel.
 4. Motor: universal type, 1/10 HP, 7500 RPM, resilient mounting, sealed, lubricated bearings, fuse protected, 120 V, 15 A.
 5. Fan: double inlet centrifugal type, dynamically balanced, directly mounted on motor shaft, 120 cfm.
 6. Heating element: protected by an automatic, resetting circuit breaker, isolated from nozzle.

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7. Electronic dryer: power controlled by in admitting, receiving electronic control device positioned to dryer as when hands are placed under nozzle. Operation to continue for no more than seconds of continued use.
 8. Nozzle: stainless steel, fixed.
 9. Acceptable material: model B-700 115V as manufactured by Bobrick Washroom Equipment of Canada Ltd. or an approved equal.
 10. Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.
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- .15 Item # 15: Folding Shower Seat: Compact design, durable, water-resistant, ivory colored, (8mm) thick solid phenolic.
 1. Frame and mounting bracket type 304 stainless steel with self-locking mechanism.
 2. Weight capacity: 227 kg
 3. Size: 455mm wide and projects from wall 400 mm.
 4. Mounting height: 430 mm from top of seat to floor.
 5. Acceptable material: model B-5191 as manufactured by Bobrick Washroom Equipment of Canada Ltd. or an approved equal.
 6. Alternative Materials: Approved by addendum in accordance with approval of Alternate Materials clause in the Special Instructions to Tenders's Form.

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 Brake form sheet metal work with 1.5 mm radius bends.
- .4 Form surfaces flat without distortion. Maintain flat surfaces without scratches or dents.
- .5 Back paint components where contact is made with building finishes to prevent electrolysis.
- .6 Hot dip galvanize concealed ferrous metal anchors and fastening devices to CAN/CSA-G164.
- .7 Shop assemble components and package complete with anchors and fittings.
- .8 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.
- .9 Provide steel anchor plates and components for installation on studding and building framing.

2.4 Finishes

- .1 Manufacturer's or brand names on face of units not acceptable.

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- .2 Satin polished stainless steel or polished stainless steel as specified.

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 Hollow masonry units or existing plaster/drywall: use toggle bolts drilled into cell/wall cavity.
 - .3 Solid masonry or concrete: use bolt with lead expansion sleeve set into drilled hole.
- .2 Use tamper proof stainless steel screws/bolts for fasteners.
- .3 Fill units with necessary supplies shortly before final acceptance of building.

3.2 Locations

- .1 Locate accessories where indicated on drawings.