SECTION 10.28.00
TOILET ROOM ACCESSORIES

PART 1 GENERAL

1.01 SECTION INCLUDES
A. Accessories for toilet rooms.
B. Grab bars.

1.02 RELATED REQUIREMENTS
A. Section 06.10.00 - Rough Carpentry: Concealed supports for accessories, including in wall framing and plates.

1.03 REFERENCE STANDARDS
E. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2015.

1.04 ADMINISTRATIVE REQUIREMENTS
A. Coordinate the work with the placement of internal wall reinforcement, concealed ceiling supports, and reinforcement of toilet partitions to receive anchor attachments.

1.05 SUBMITTALS
A. See Section 01.30.00 - Administrative Requirements, for submittal procedures.
B. Product Data: Submit data on accessories describing size, finish, details of function, and attachment methods.
C. Samples: Submit two samples of each accessory, illustrating color and finish.
D. Manufacturer's Installation Instructions: Indicate special procedures and conditions requiring special attention.

PART 2 PRODUCTS

2.01 MANUFACTURERS
A. Toilet Accessories:
   3. Substitutions: Section 01.60.00 - Product Requirements.
B. All items of each type to be made by the same manufacturer.

2.02 MATERIALS

A. Accessories - General: Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.
   1. Grind welded joints smooth.
   2. Fabricate units made of metal sheet of seamless sheets, with flat surfaces.
B. Keys: Provide 2 keys for each accessory to Owner; master key lockable accessories.
C. Stainless Steel Sheet: ASTM A666, Type 304.
D. Stainless Steel Tubing: ASTM A269/A269M, Type 304 or 316.
E. Mirror Glass: Annealed float glass, ASTM C1036 Type I, Class 1, Quality Q2, with silvering, protective and physical characteristics complying with ASTM C1503.
F. Adhesive: Two component epoxy type, waterproof.
G. Fasteners, Screws, and Bolts: Hot dip galvanized; tamper-proof; security type.
H. Expansion Shields: Fiber, lead, or rubber as recommended by accessory manufacturer for component and substrate.

2.03 FINISHES

A. Stainless Steel: No. 4 Brushed finish, unless otherwise noted.
B. Chrome/Nickel Plating: ASTM B456, SC 2, satin finish, unless otherwise noted.
C. Baked Enamel: Pretreat to clean condition, apply one coat primer and minimum two coats epoxy baked enamel.
D. Galvanizing for Items Other than Sheet: Comply with ASTM A123/A123M; galvanize ferrous metal and fastening devices.
E. Shop Primed Ferrous Metals: Pretreat and clean, spray apply one coat primer and bake.
F. Back paint components where contact is made with building finishes to prevent electrolysis.

2.04 TOILET ROOM ACCESSORIES

A. Basis of design and items called out are manufactured by Bobrick Washroom Equipment, unless noted otherwise. Products by other manufacturers are also acceptable.
B. Toilet Tissue Dispenser (TPD): VonDrehle 'Carousel', Model No. VDC3342.
C. Framed Mirror (MR): B-165, 18" x 36" unless otherwise noted on documents.
D. Soap Dispenser (SD): DEB Model No. WHB1LDS, wall mounted.
E. Surface Mounted Paper Towel Dispenser (PTD): B-262.
F. Robe Hook: B-2116.
G. Grab Bars (GBHXX): B-550 Series, configuration as indicated.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify existing conditions before starting work.
B. Verify exact location of accessories for installation.
C. Verify that field measurements are as indicated on drawings.
3.02 PREPARATION
   A. Deliver inserts and rough-in frames to site for timely installation.
   B. Provide templates and rough-in measurements as required.

3.03 INSTALLATION
   A. Install accessories in accordance with manufacturers' instructions in locations indicated on the drawings.
   B. Install plumb and level, securely and rigidly anchored to substrate.
   C. Mounting Heights: As required by accessibility regulations, unless otherwise indicated.
      1. Grab Bars: As indicated on the drawings.
      2. Other Accessories: As indicated on the drawings.

3.04 PROTECTION
   A. Protect installed accessories from damage due to subsequent construction operations.

END OF SECTION
PART 1 GENERAL

1.01 SECTION INCLUDES
A. Fire extinguishers.
B. Fire extinguisher cabinets.
C. Accessories.

1.02 RELATED REQUIREMENTS
A. Section 06.10.00 - Rough Carpentry: Wood blocking product and execution requirements.
B. Section 09.91.23 - Interior Painting: Field paint finish.

1.03 REFERENCE STANDARDS

1.04 SUBMITTALS
A. See Section 01.30.00 - Administrative Requirements, for submittal procedures.
B. Shop Drawings: Indicate cabinet physical dimensions, rough-in measurements for recessed cabinets, wall bracket mounted measurements, and location.
C. Product Data: Provide extinguisher operational features, color and finish, and anchorage details.
D. Manufacturer's Installation Instructions: Indicate special criteria and wall opening coordination requirements.
E. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.
F. Maintenance Data: Include test, refill or recharge schedules and re-certification requirements.

1.05 FIELD CONDITIONS
A. Do not install extinguishers when ambient temperature may cause freezing of extinguisher ingredients.

PART 2 PRODUCTS

2.01 MANUFACTURERS
A. Fire Extinguishers:
   4. Substitutions: See Section 01.60.00 - Product Requirements.
B. Fire Extinguisher Cabinets and Accessories:
   4. Substitutions: See Section 01.60.00 - Product Requirements.
2.02 FIRE EXTINGUISHERS
   A. Fire Extinguishers - General: Comply with product requirements of NFPA 10 and applicable codes, whichever is more stringent.
   B. Dry Chemical Type Fire Extinguishers: Carbon steel tank, with pressure gage.
      2. Class: 4A: 80B: C.
      3. Size: 10 pound.

2.03 FIRE EXTINGUISHER CABINETS
   A. Metal: Formed primed steel sheet; 0.036 inch thick base metal.
   B. Cabinet Configuration: Recessed type.
      1. Sized to accommodate accessories.
      2. Trim: Returned to wall surface, with 1/2 inch nominal projection, 1-1/2 inch nominal wide face.
      3. Form cabinet enclosure with right angle inside corners and seams. Form perimeter trim and door stiles.
   C. Door: 1/2 inch thick, reinforced for flatness and rigidity; latch. Hinge doors for 180 degree opening with continuous piano hinge. Provide roller type catch.
   D. Door Glazing: Glass, clear, 1/8 inch thick heat strengthened. Set in resilient channel gasket glazing.
   E. Cabinet Mounting Hardware: Appropriate to cabinet. Pre-drill for anchors.
   F. Weld, fill, and grind components smooth.
   G. Finish of Cabinet Exterior Trim and Door: Baked enamel, color as selected.
   H. Finish of Cabinet Interior: White enamel.

PART 3 EXECUTION

3.01 EXAMINATION
   A. Verify existing conditions before starting work.
   B. Verify rough openings for cabinet are correctly sized and located.

3.02 INSTALLATION
   A. Install in accordance with manufacturer's instructions.
   B. Install cabinets plumb and level in wall openings, 48 inches from finished floor to extinguisher handle.
   C. Install cabinets plumb and level in wall openings.
   D. Secure rigidly in place.
   E. Place extinguishers in cabinets.

END OF SECTION