SECTION 10.28.00
TOILET ROOM ACCESSORIES

PART 1 GENERAL

1.01 SECTION INCLUDES
   A. Accessories for toilet rooms and utility rooms.
   B. Electric hand/hair dryers.
   C. 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
   D. 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.

1.06 TENNESSEE SUSTAINABLE DESIGN GUIDELINES COMPLIANCE DOCUMENTATION
   B. Provide documentation of construction waste diverted from landfills:
      1. Compliance with Credit 1.02-D-2: Construction Waste Management.
C. Submit shop drawing documentation demonstrating SDG compliance for the following:
   1. Compliance with Credit 1.02-D-3-a: Sustainable Materials - Recycled content 10%
   2. Compliance with Credit 1.02-D-3-b: Sustainable Materials - Rapidly renewables
   3. Compliance with Credit 1.02-D-3-c: Sustainable Materials - Certified wood
   4. Compliance with Credit 1.02-D-3-d: Sustainable Materials - Material reuse
   5. Compliance with Credit 1.02-E-6-b: Material VOC Limits - Adhesive and Sealants
   6. Compliance with Credit 1.02-E-6-b: Material VOC Limits - Paints
   7. Compliance with Credit 1.02-E-6-b: Material VOC Limits - Coatings and Anti-corrosive paints
   8. Compliance with Credit 1.02-E-6-c: Material VOC Limits - Flooring systems
   9. Compliance with Credit 1.02-E-6-d: Material VOC Limits - Composite wood and agrifiber

D. Submit documentation of quantity and material cost with monthly Application for Payment to the Contractor.

PART 2 PRODUCTS

2.01 MANUFACTURERS
A. Toilet Accessories:
B. Electric Hand/Hair Dryers:
   4. Substitutions: Section 01.60.00 - Product Requirements.
C. 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.
H. Robe Hook: B-2116.
I. Grab Bars (GBHXX): B-550 Series, configuration as indicated.
J. Underlavatory Guard:
   1. Description: Insulating pipe coverings for supply and drain piping assemblies, which prevent direct contact with and burns from piping, and allow service access without removing coverings.
K. Electric Hand Dryers: Traditional fan-in-case type, with downward nozzle.
   2. Style: Traditional horizontal, rectangular case, fixed nozzle.
      b. Tamper-resistant screw attachment of cover to mounting plate.
   5. Air Velocity: 15,000 linear feet per minute, minimum.
   6. Total Wattage: 500 W, maximum; no heater.
   7. Runtime: Field adjustable or automatic, up to 35 seconds.
   8. Warranty: 3 years.
   9. Electric Hand Dryer Products:
      b. Substitutions: Section 01.60.00 - Product Requirements.
L. Diaper Changing Station: Wall-mounted folding diaper changing station for use in commercial toilet facilities, meeting or exceeding ASTM F2285.
   1. Style: Horizontal.
   4. Color: As selected.
   5. Manufacturers:

2.05 UTILITY ROOM ACCESSORIES

A. Combination Utility Shelf/Mop and Broom Holder: 0.05 inch thick stainless steel, Type 304, with 1/2 inch returned edges, 0.06 inch steel wall brackets.
   1. Mop/broom holders: 3 spring-loaded rubber cam holders at shelf front.
2. Length: 36 inches.
3. Length: Manufacturer's standard length for number of holders/hooks.

PART 3 EXECUTION

3.01 EXAMINATION
   A. Verify existing conditions before starting work.
   B. Verify exact location of accessories for installation.
   C. For electrically-operated accessories, verify that electrical power connections are ready and in the correct locations.
   D. Verify that field measurements are as indicated on drawings.
   E. See Section 06.10.00 - Rough Carpentry for installation of blocking, reinforcing plates, and concealed anchors in walls and ceilings.

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