

SECTION 10801 - TOILET ACCESSORIES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. This Section includes the following:
 - 1. Toilet accessories.
 - 2. Specimen pass through.
 - 3. Diaper-changing station.
 - 4. Installation of Owner furnished toilet and medical accessories.
- B. Related Sections include the following:
 - 1. Division 6 Section "Rough Carpentry" for concealed wood blocking to support accessories.

1.03 SUBMITTALS

- A. General: Submit in accordance with Section 01330.
- B. Product Data: Include construction details, material descriptions and thicknesses, dimensions, profiles, fastening and mounting methods, specified options, and finishes for each type of accessory specified.
- C. Shop Drawings: Include blocking locations and mounting heights identified.
- D. Samples: For each accessory item to verify design, operation, and finish requirements, when requested by Architect.
 - 1. Approved full-size Samples will be returned and may be used in the Work if undamaged.
- E. Setting Drawings: For cutouts required in other work; include templates, substrate preparation instructions, and directions for preparing cutouts and installing anchoring devices.
- F. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required. Use room and accessory designations indicated on Drawings in product schedule.
- G. Maintenance Data: For accessories to include in maintenance manuals specified in Division 1. Provide lists of replacement parts and service recommendations.

1.04 QUALITY ASSURANCE

- A. Source Limitations: Provide products of same manufacturer for each type of accessory unit and for units exposed to view in same areas, unless otherwise approved by Architect.
- B. Insofar as possible, fitting, construction and fabrication of the work shall be executed at shop, ready for delivery and erection at building.

- C. Provide all holes, connections, and fastenings for and to work of other trades abutting, adjoining or intersecting work of this Section.

1.05 COORDINATION

- A. Coordinate accessory locations with other work to prevent interference with clearances required for access by disabled persons, proper installation, adjustment, operation, cleaning, and servicing of accessories.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Stainless Steel: ASTM A 666, Type 304, with No. 4 finish (satin), in 0.0312-inch minimum nominal thickness, unless otherwise indicated.
- B. Sheet Steel: ASTM A 366/A 366M, cold rolled, commercial quality, 0.0359-inch minimum nominal thickness; surface preparation and metal pretreatment as required for applied finish.
- C. Galvanized Steel Sheet: ASTM A 653/A 653M, G60.
- D. Chromium Plating: ASTM B 456, Service Condition Number SC 2 (moderate service), nickel plus chromium electrodeposited on base metal.
- E. Mirror Glass: ASTM C 1036, Type I, Class 1, Quality q2, nominal 6.0 mm thick, with silvering, electroplated copper coating, and protective organic coating complying with FS DD-M-411.
- F. Galvanized Steel Mounting Devices: ASTM A 153/A 153M, hot-dip galvanized after fabrication.
- G. Fasteners: Screws, bolts, and other devices of same material as accessory unit, tamper and theft resistant when exposed, and of galvanized steel when concealed.

2.02 TOILET ACCESSORIES

- A. Owner Furnished items: Contractor shall install the following items furnished by Owner:
 - 1. Sharps containers.
 - 2. Glove racks.
- B. Toilet Tissue Dispenser, Surface Mounted: Provide concealed mounting, stainless-steel roll-in-reserve dispenser with hinged front secured with tumbler lockset with noncontrol delivery with manufacturer's standard theft-resistant spindle designed for 4-1/2- or 5-inch- diameter-core tissue rolls.
 - 1. Product: Bobrick Washroom Equipment, Inc.; Model B-2888.
- C. Paper Towel Dispenser, Surface Mounted: Provide Type 304 stainless-steel paper towel dispenser, all welded construction, sized for minimum of 300 C-fold or 400 multifold paper towels without using special adapters; with continuously hinged front equipped with tumbler lockset; and with refill indicators that are pierced slots at sides or front.
 - 1. Products: Bobrick Washroom Equipment, Inc.; Model B-262.

- D. Grab Bars (GB): Provide stainless-steel grab bar, concealed mounting with manufacturer's standard flanges and anchors, minimum nominal thickness **0.05 inch**, preened gripping surface, **1-1/2 inches** outside diameter for heavy-duty applications, in lengths and configurations indicated.
 - 1. Product: Bobrick Washroom Equipment, Inc.; B-6806 Series.
- E. Channel-Framed Mirror: Fabricate frame from stainless-steel channels in manufacturer's standard polished finish with square corners mitered to hairline joints and mechanically interlocked; size as indicated on Drawings. Mirrors shall be first quality plate-glass conforming to U.S. Commercial Standard CS-27-36 with 2 coats of silver and copper clad. Mirror backs shall be zinc-coated steel.
 - 1. Size: As indicated.
 - 2. Product: Bobrick Washroom Equipment, Inc.; Model B-165 Series.
- F. Sanitary Napkin Disposal Unit, Surface-Mounted: Provide stainless-steel sanitary napkin disposal unit with seamless exposed walls; self-closing top cover; locking bottom panel with stainless steel, continuous hinge; and removable, reusable receptacle.
 - 1. Product: Bobrick Washroom Equipment, Inc.; Model B-254.
- G. Robe Hooks, Surface-Mounted: Type 304 stainless steel with satin finish; flange and support arm shall be 22 gage and equipped with a concealed, 18 gage mounting bracket that is secured to a concealed, 19 gage wall plate with a stainless steel setscrew. Cap shall be 14 gage, welded to support arm.
 - 1. Bobrick Washroom Equipment, Inc.; Model B-76717.
- H. Specimen Pass Through: Stainless steel with all welded construction. One-piece seamless flange; self-closing spring-loaded doors equipped with interlocking mechanism to prevent both doors from being open at the same time, providing complete privacy. Doors shall be secured to frame with continuous stainless steel piano hinge. Unit shall be furnished with a removable stainless steel spillage tray. Shall fit in walls 3 inches to 5-3/4 inches deep.
 - 1. Product: Bobrick Washroom Equipment, Inc.; Model B-505.
- I. Mop and Broom Holder with Utility Shelf: **36-inch-** long unit fabricated of minimum nominal **0.05-inch-** thick stainless steel with shelf, 8 inches deep; support brackets for wall mounting; three hooks for wiping rags; four spring-loaded, rubber hat, cam-type, mop/broom holders. Provide at each janitor's sink.
 - 1. Products:
 - a. Bobrick Washroom Equipment, Inc.; Model B-239.
 - b. Bradley Corporation; Model 9933.

2.03 FABRICATION

- A. General: One, maximum **1-1/2-inch-** diameter, unobtrusive stamped manufacturer logo, as approved by Architect, is permitted on exposed face of accessories. On interior surface not exposed to view or back surface of each accessory, provide printed, waterproof label or stamped nameplate indicating manufacturer's name and product model number.
- B. Sections and shapes shall be rolled, formed, drawn, or extruded as required for respective functions.

- C. Molded work shall have sharply defined profile and shall be clean and straight. Plain work shall be leveled, straight and surfaces true and smooth. Edges, angles, and corners shall be square, clean and sharp, unless otherwise detailed.
- D. Fastenings, exposed metal fastenings, and accessories, unless Underwriters prohibit for safety, shall be of same materials, texture, color and finish as the base metal to which applied.
- E. Molds, trim, frames and other metalwork shall be proper dimensions to receive masonry block and tile, plaster, ceramic tile, or other scheduled finishes.
- F. Surface-Mounted Toilet Accessories: Unless otherwise indicated, fabricate units with tight seams and joints, and exposed edges rolled. Hang doors and access panels with continuous stainless-steel hinge. Provide concealed anchorage where possible.
- G. Semi-Recessed Toilet Accessories: Unless otherwise indicated, fabricate units of all-welded construction, without mitered corners; exposed edges rolled. Hang doors and access panels with full-length, stainless-steel hinge. Provide anchorage that is fully concealed when unit is closed.
- H. Framed Glass-Mirror Units: Fabricate frames for glass-mirror units to accommodate glass edge protection material. Provide mirror backing and support system that permits rigid, tamper-resistant glass installation and prevents moisture accumulation.
 - 1. Provide galvanized steel backing sheet, not less than **0.034 inch** and full mirror size, with nonabsorptive filler material. Corrugated cardboard is not an acceptable filler material.
- I. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. Provide minimum of six keys to Owner's representative.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.
- B. Secure mirrors to walls in concealed, tamper-resistant manner with special hangers, toggle bolts, or screws. Set units level, plumb, and square at locations indicated, according to manufacturer's written instructions for substrate indicated.
- C. Install grab bars to withstand a downward load of at least **250 lbf**, when tested according to method in ASTM F 446.
 - 1. Grab bars in stud partitions shall be screwed to concealed, solid wood blocking.

3.02 TOILET ACCESSORIES SCHEDULE

- A. Toilet Accessories in Toilet Rooms:
 - 1. Provide one paper towel dispenser.
 - 2. Provide one toilet tissue dispenser.
 - 3. Provide grab bars in configuration indicated.
 - 4. Provide one mirror.

5. In Room 114, provide one specimen pass through.
- B. Toilet and Medical Accessories in Exam Rooms:
 1. Provide one paper towel dispenser.
 2. Provide one robe hook.
 3. Install one sharps container.
 4. Install one glove rack.
 - C. Toilet Accessories in Rooms 115, 125, 139, 144:
 1. Provide one paper towel dispenser.
 - D. Toilet Accessories in Rooms 154, 155, 156, 157, 159:
 1. Provide one robe hook.
 - E. Janitor Closets:
 1. Provide one mop/broom holder.
- 3.03 ADJUSTING AND CLEANING
- A. Adjust accessories for unencumbered, smooth operation and verify that mechanisms function properly. Replace damaged or defective items.
 - B. Remove temporary labels and protective coatings.
 - C. Clean and polish exposed surfaces according to manufacturer's written recommendations.

END OF SECTION 10801