

SECTION 10800

TOILET AND BATH ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
 - 1. Toilet and bath accessories.

1.2 SUBMITTALS

- A. 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.
- B. Setting Drawings: For cutouts required in other work; include templates, substrate preparation instructions, and directions for preparing cutouts and installing anchoring devices.
- C. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required. Use designations indicated in the Toilet and Bath Accessory Schedule and room designations indicated on Drawings in product schedule.
- D. Maintenance Data: For accessories to include in maintenance manuals specified in Division 1. Provide lists of replacement parts and service recommendations.

1.3 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. Product Options: Accessory requirements, including those for materials, finishes, dimensions, capacities, and performance, are established by specific products indicated in the Toilet and Bath Accessory Schedule.
 - 1. Other manufacturers' products with equal characteristics may be considered. See Division 1 Section "Product Requirements."
 - 2. Do not modify aesthetic effects, as judged solely by Architect, except with Architect's approval. Where modifications are proposed, submit comprehensive explanatory data to Architect for review.
- C. Regulatory Requirements: Comply with the Americans with Disabilities Act (ADA) and with code provisions as adopted by authorities having jurisdiction.
 - 1. Toilet and Bath Accessories: Provide accessories as required by accessibility regulations and requirements of authorities having jurisdiction. These include, but are not limited to, the following:

- a. Grab Bars:
 - 1) Size and Spacing of Handrails:
 - a) Grab Bar Diameter: 1-1/4 to 1-1/2 inches (32 to 38 mm).
 - b) Space between Wall and Rails: 1-1/2 inches (38 mm).
 - c) Either round ends of grab bars or return ends of grab bars smoothly to floor, wall or post.
 - d) Grab bars shall not rotate within their fittings.
 - 2) Locations: Refer to Code for the various locations of grab bars in toilet stall and showers.
 - 3) Mount the top of grab bar gripping surface between 34 and 38 inches (865 and 965 mm) above floor surface.
 - b. Mirrors: Mount bottom edge of reflecting surface not more than 40 inches (1015 mm) above finish floor.
 - c. Shower Seats:
 - 1) Mount seat 17 to 19 inches (430 to 485 mm) above the floor.
 - 2) 36 by 36 inch (915 by 915 mm) stall: Mount fixed seat opposite controls and full length of wall.
 - 3) 30 by 60 inch (760 by 1525 mm) stall: Mount folding seat adjacent to controls.
2. Notify Architect of details or specifications not conforming to code.

1.4 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.
- B. Deliver inserts and anchoring devices set into concrete or masonry as required to prevent delaying the Work.

1.5 WARRANTY

- A. General Warranty: Special warranty specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.
- B. Manufacturer's Mirror Warranty: Written warranty, executed by mirror manufacturer agreeing to replace mirrors that develop visible silver spoilage defects within minimum warranty period indicated.
 1. Minimum Warranty Period: 15 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering accessories that may be incorporated into the Work include, but are not limited to, the following:
1. Toilet and Bath Accessories:
 - a. American Specialties, Inc.
 - b. Bobrick Washroom Equipment, Inc.
 - c. Bradley Corporation.
 - d. Gamco (General Accessory Manufacturing Company)
 2. Accessories for Living Units: Franklin Brass or approved substitute.
- B. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, those indicated in the Toilet and Bath Accessory Schedule at the end of Part 3.

2.2 MATERIALS

- A. Stainless Steel: ASTM A 666, Type 304, with No. 4 finish (satin), in 0.0312-inch (0.8-mm) minimum nominal thickness, unless otherwise indicated.
- B. Sheet Steel: ASTM A 366/A 366M, cold rolled, commercial quality, 0.0359-inch (0.9-mm) minimum nominal thickness; surface preparation and metal pretreatment as required for applied finish.
- C. Galvanized Steel Sheet: ASTM A 653/A 653M, G60 (Z180).
- D. Chromium Plating: ASTM B 456, Service Condition Number SC 2 (moderate service), nickel plus chromium electrodeposited on base metal.
- E. Baked-Enamel Finish: Factory-applied, gloss-white, baked-acrylic-enamel coating.
- F. 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.
- G. Galvanized Steel Mounting Devices: ASTM A 153/A 153M, hot-dip galvanized after fabrication.
- H. Fasteners: Screws, bolts, and other devices of same material as accessory unit, tamper and theft resistant when exposed, and of galvanized steel when concealed.

2.3 FABRICATION

- A. General: One, maximum 1-1/2-inch- (38-mm-) 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. General: Names or labels are not permitted on exposed faces of accessories. On interior surface not exposed to view or on back surface of each accessory, provide printed, waterproof label or stamped nameplate indicating manufacturer's name and product model number.
- C. 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.
- D. 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 (0.85 mm) and full mirror size, with nonabsorptive filler material. Corrugated cardboard is not an acceptable filler material.
- E. Mirror-Unit Hangers: Provide mirror-unit mounting system that permits rigid, tamper- and theft-resistant installation, as follows:
 - 1. One-piece, galvanized steel, wall-hanger device with spring-action locking mechanism to hold mirror unit in position with no exposed screws or bolts.
 - 2. Heavy-duty wall brackets of galvanized steel, equipped with concealed locking devices requiring a special tool to remove.
- F. 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

3.1 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 (1112 N), when tested according to method in ASTM F 446.

3.2 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.

3.3 TOILET AND BATH ACCESSORY SCHEDULE FOR COMMUNITY TOILETS

- A. Paper Towel Dispenser: Where this designation is indicated, provide stainless-steel paper towel dispenser complying with the following:
 - 1. Products: Available products include the following:
 - a. Bobrick No. B-262.
 - 2. Surface-Mounted Type: Sized for minimum of 300 C-fold or 400 multifold paper towels without using special adapters; with hinged front equipped with tumbler lockset; and with refill indicators that are pierced slots at sides or front.
- B. Toilet Tissue Dispenser: Where this designation is indicated, provide toilet tissue dispenser complying with the following:
 - 1. Products: Available products include the following:
 - a. Bobrick No. B-2888.
 - 2. Type: Roll-in-reserve dispenser with hinged front secured with tumbler lockset.
 - 3. Mounting: Surface mounted with concealed anchorage.
 - 4. Material: Stainless steel.
 - 5. Operation: Noncontrol delivery with mfr's standard spindle.
 - 6. Capacity: Designed for 4-1/2- or 5-inch- (114- or 127-mm-) diameter-core tissue rolls.
- C. Soap Dispenser: Where this designation is indicated, provide soap dispenser complying with the following:
 - 1. Products: Available products include the following:
 - a. Bobrick No. B-2112.
 - 2. Liquid Soap Dispenser, Horizontal-Tank Type: Surface-mounted type, minimum 40-oz. (1182.9-mL) capacity tank with stainless-steel piston, springs, and internal parts designed to dispense soap in measured quantity by pump action; and stainless-steel cover with unbreakable window-type refill indicator.
 - a. Soap Valve: Designed for dispensing soap in liquid form.
- D. Grab Bars: Where this designation is indicated, provide stainless-steel grab bar complying with the following:
 - 1. Products: Available products include the following:
 - a. Bobrick No. B-5806 Series.
 - 2. Stainless-Steel Nominal Thickness: Minimum 0.05 inch (1.3 mm).
 - 3. Mounting: Concealed with manufacturer's standard flanges and anchors.
 - 4. Gripping Surfaces: Manufacturer's standard slip-resistant texture.
 - 5. Outside Diameter: 1-1/4 inches (32 mm) for medium-duty applications.
- E. Mirror Unit: Where this designation is indicated, provide mirror unit complying with the following:
 - 1. Products: Available products include the following:
 - a. Bobrick No. B-165 2436.
 - 2. Stainless-Steel, Channel-Framed Mirror: Fabricate frame from stainless-steel channels in manufacturer's standard satin or bright finish with square corners mitered to hairline joints and mechanically interlocked.

3.4 TOILET AND BATH ACCESSORY SCHEDULE FOR LIVING UNITS

- A. Grab Bars: Where this designation is indicated, provide stainless-steel grab bar complying with the following:
 - 1. Products: 5636PS and 5642PS.
 - 2. Outside Diameter: 1-1/4 inches (32 mm) for medium-duty applications.
- B. Toilet Tissue Dispenser: Where this designation is indicated, provide toilet tissue dispenser complying with the following:
 - 1. Products: 308BPC.
 - 2. Capacity: Designed for 4-1/2- or 5-inch- (114- or 127-mm-) diameter-core tissue rolls.
- C. Towel Bars: Where this designation is indicated, provide stainless-steel grab bar complying with the following:
 - 1. Products: 5700SF.
 - 2. Outside Diameter: 1 inch.
- D. Recessed Medicine Cabinet: Where this designation is indicated, provide the following:
 - 1. Products: No. 1340 Recessed Medicine Cabinet.
- E. Shower Curtain Rod: Where this designation is indicated, provide the following:
 - 1. Products: No. 176 Shower curtain rod.

END OF SECTION