

SECTION 10801 - TOILET AND BATH ACCESSORIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Toilet and bath accessories.
 - 2. Warm-air dryers.
 - 3. Underlavatory guards.
 - 4. Benches
- B. Related Sections include the following:
 - 1. Division 10 Section "Toilet Compartments" for compartments and screens.

1.3 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.
 - 1. Approved full-size Samples will be returned and may be used in the Work.
- B. 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.
- C. Maintenance Data: For accessories to include in maintenance manuals specified in Division 1. Provide lists of replacement parts and service recommendations.

1.4 QUALITY ASSURANCE

- A. 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. Products of other manufacturers listed in Part 2 with equal characteristics, as judged solely by Architect, may be provided.

1.5 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 masonry as required to prevent delaying the Work.

1.6 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. A & J Washroom Accessories, Inc.
 - b. American Specialties, Inc.
 - c. Bobrick Washroom Equipment, Inc.
 - d. Bradley Corporation.
 - e. General Accessory Manufacturing Co. (GAMCO).
 - f. McKinney/Parker Washroom Accessories Corp.
 - 2. Warm-Air Dryers:
 - a. A & J Washroom Accessories, Inc.
 - b. American Dryer, Inc.
 - c. American Specialties, Inc.
 - d. Bobrick Washroom Equipment, Inc.
 - e. Bradley Corporation.
 - f. Excel Dryer Corporation.

- g. General Accessory Manufacturing Co. (GAMCO).
- h. McKinney/Parker Washroom Accessories Corp.
- i. World Dryer.

3. Underlavatory Guards:

- a. Brocar Products, Inc.
- b. Truebro, Inc.

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. Brass: ASTM B 19, leaded and unleaded flat products; ASTM B 16 (ASTM B 16M), rods, shapes, forgings, and flat products with finished edges; ASTM B 30, castings.
- C. 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.
- D. Galvanized Steel Sheet: ASTM A 653/A 653M, G60 (Z180).
- E. Chromium Plating: ASTM B 456, Service Condition Number SC 2 (moderate service), nickel plus chromium electrodeposited on base metal.
- F. Baked-Enamel Finish: Factory-applied, gloss-white, baked-acrylic-enamel coating.
- G. 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.
- H. Galvanized Steel Mounting Devices: ASTM A 153/A 153M, hot-dip galvanized after fabrication.
- I. 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. 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.
- C. 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.
- D. 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.
- E. 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

- A. TA-1 Mirror with Stainless Steel Channel Frame and Shelf:
1. Model Numbers:
 - a. American Specialties: 0625.
 - b. Bobrick: B 292 series.
 - c. Bradley: Product Equivalent.
 - d. Approved equal.
 2. Description: 24 inches wide x 36 inches high. Taper 4 inches depth at top and 1 inch depth at bottom. Minimum 20 gage stainless steel, all joints mitered, welded and ground smooth. Type 304 bright satin finish. Galvanized steel back with slots for mounting screws and integral screw-head lock. Back protected by shock-absorbing water-resistant padding. Includes minimum 18 gauge stainless steel shelf.
- B. TA-2 Surface Mounted Liquid Soap Dispenser:
1. Model Numbers:
 - a. American Specialties: 0342.
 - b. Bobrick: B-4112.
 - c. Bradley: 6542.
 - d. Approved equal.
 2. Description: Horizontal tank type for all purpose liquid soap. Minimum 20 gage Type 304 stainless steel. Drawn one-piece construction. No. 4 satin finish. Concealed stainless steel wall plate. Clear plastic refill indicator window. Locked hinged stainless steel lid for top filling. Minimum 40 ounce capacity.
- C. TA-3 Electric Hand Dryer:
1. Model Numbers:
 - a. American Specialties: 0160 Standard White Clear Finish.
 - b. Approved equal.
 2. Description: Surface mounted – ADA compliant; to project no more than 4” from wall. Hand-free automatic stop/start infrared circuitry and self-adjusting time out and fail safe “off” protection. Entire unit internally grounded.
- D. TA-4 Toilet Tissue Dispenser: Provided by Owner, installed by Contractor.
- E. TA-5 Sanitary Napkin Disposal:
1. Model Numbers:
 - a. American Specialties: 0852-SH.
 - b. Bobrick: B-270.
 - c. Bradley: 4722-15.
- F. TA-6 Swing-Up Grab Bar:
1. Model Numbers:
 - a. American Specialties: 3253.
 - b. Bobrick: B-4998.

- c. Bradley: 8370-103-2 (safety strip).
 - d. Approved equal.
 - 2. Description: Minimum 18 gage Type 304 stainless steel; 1-1/2 inch diameter, textured grip surface. No. 4 satin finish. Wall plate fabricated from 3/16 inch stainless steel with concealed spring mechanism attached to wall plate bar up against wall.
 - 3. Function: Grab bar is manually lowered to horizontal support position and raised for departure. Bar has counterweight to prevent unintentional lowering to position.
- G. TA-7 Grab Bar – 36 inch:
 - 1. Model Numbers:
 - a. American Specialties: 3200 series.
 - b. Bobrick: B-5507x36.99.
 - c. Bradley: 832 series –2 (safety grip).
 - d. Approved equal.
- H. TA-8 Grab Bar – 42 inch:
 - 1. Model Numbers:
 - a. American Specialties: 3200 series.
 - b. Bobrick: B5507x42.99.
 - c. Bradley: 832 series-2 (safety grip).
 - d. Approved equal.
 - 2. Description: 1-1/2 inch diameter when required by local code, 42 inch long, horizontal. 1-1/2 inch wall clearance. Type 304 minimum 18 gage stainless steel. Concealed screw attached mounting and anchorage. No. 4 satin finish. Minimum 900 pound supporting capacity.
- I. TA-9 Grab Bar – 48”
 - 1. Model Numbers:
 - a. American Specialties: 3200 series.
 - b. Bobrick: B5507x48.99.
 - c. Bradley: 832-037-2.
 - 2. Description: 1-1/2 inch diameter when required by local code, 48 inch long, horizontal. 1-1/2 inch wall clearance. Type 304 minimum 18 gage stainless steel. Concealed screw attached mounting and anchorage. No. 4 satin finish. Minimum 900 pound supporting capacity.

J. TA-10 Grab Bar – 18”

1. Model Numbers:
 - a. American Specialties: 3200 series.
 - b. Bobrick: B5507x18.99.
 - c. Bradley: 832 series-2 (safety grip).
2. Description: 1-1/2 inch diameter when required by local code, 42 inch long, horizontal. 1-1/2 inch wall clearance. Type 304 minimum 18 gage stainless steel. Concealed screw attached mounting and anchorage. No. 4 satin finish. Minimum 900 pound supporting capacity.

K. TA-11 Shower Seat

1. Model Numbers:
 - a. American Specialties: 8203.
 - b. Bobrick: B-1591.
 - c. Bradley: Product equivalent.
2. Description: Heavy-duty hinged seat designed to fold up against wall when not in use with stainless-steel support braces, hinges, frame and fasteners; of phenolic slat-type or one-piece construction. Color as selected by Engineer from manufacturer’s full range.

L. TA-12 Shower Curtain, hooks and rod

1. Model Numbers (Rod):
 - a. American Specialties: 1214-36” length.
 - b. Bobrick: B6107-36” length.
 - c. Bradley: 9538-36” length.
2. Description: Heavy duty, 1-inch (25.4-mm) OD; fabricated from nominal 0.0375-inch-(0.95-mm) thick stainless steel 36” rod with concealed mounting.
3. Model Numbers (Curtain):
 - a. American Specialties: 1200-V length.
 - b. Bobrick: 204-2.
 - c. Bradley: 95307.
4. Description: Vinyl Shower Curtain: Minimum 8 gauge, 42” wide, opaque, anti-bacterial, matte vinyl with hemmed edges and corrosion-resistant grommets at minimum 6 inches (152 mm) o.c., through top hem. Color: white.
5. Model Numbers (Hooks):
 - a. American Specialties: 120-SHU.
 - b. Bobrick: 204-1.
 - c. Bradley: 9536.

6. Description: Type-304 stainless-steel, spring wire curtain hooks with snap fasteners, sized to accommodate specified curtain rod. Provide one hook per curtain grommet.

- M. TA-13 Bench: Where this designation is indicated, provide laminated hardwood bench-top on a heavy duty cast iron pedestal with powder coat finish, color as selected by Owner.
 1. Products:
 - a. Art Metal Products, heavy duty pedestal #8032 with maple bench top.
 - b. List Industries Inc., heavy duty pedestal #4810 with laminated hardwood top.
 - c. Lyon Metal Products, product equivalent.
 - d. Approved equal.

- N. TA-14 Robe Hook: Where this designation is indicated, provide robe hook complying with the following:
 1. Products: Available products include the following:
 - a. Bobrick: B672.
 - b. American Specialties, Inc.: 7345.
 - c. Approved equal.

- O. TA-15 Underlavatory Guard
 1. Model Numbers:
 - a. Truebro: 2018.
 - b. Approved equal.

 2. Description: White, antimicrobial, molded-vinyl covering for supply and drain piping assemblies intended for use at accessible lavatories to prevent direct contact with and burns from piping. Provide components as required for applications indicated with flip tops at valves that allow service access without removing coverings.

- P. TA-16 Sanitary Napkin Dispenser: Provided by Owner, installed by Contractor.

- Q. TA-17 Mop and Broom Holder: Where this designation is indicated, provide mop and broom holder complying with the following:
 1. Products: Available products include the following:
 - a. Bobrick: B224x30.
 - b. American Specialties, Inc.: 1315-3.
 - c. Approved equal.

END OF SECTION 10801