

DIVISION 10 - SPECIALTIES

SECTION 10800

TOILET AND BATH ACCESSORIES

PART 1: GENERAL

1.01 RELATED DOCUMENTS

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

1.02 SECTION INCLUDES

- A. This Section includes Toilet and Bath accessory items as scheduled.

1.03 SUBMITTALS

- A. Product Data: Provide data for each toilet accessory item specified, including construction details relative to materials, dimensions, gages, profiles, mounting method, specified options, and finishes.
- B. Schedule indicating types, quantities, sizes and installation locations (by room) for each toilet accessory item to be provided for project.
- C. Setting drawings where cutouts are required in other work, including templates, substrate preparation instruction, and directions for preparing cutouts and installing anchorage devices.
- D. Maintenance instructions including replaceable parts and service recommendations.

1.04 QUALITY ASSURANCE

- A. Inserts and Anchorage: Furnish accessory manufacturers' standard inserts and anchoring devices that must be set in concrete or built into masonry, stone or tile. Coordinate delivery with other work to avoid delay.
- B. Single-Source Responsibility: Provide products of same manufacturer for each type of accessory unit and for units exposed to view in same area, unless otherwise acceptable to Architect.

1.05 DELIVERY, HANDLING & STORAGE

- A. Deliver all toilet and bath accessories to site in unopened container or packaging submitted by manufacturer. Store in controlled conditioned space free from extreme temperature differences. Protect accessories from damage on site in secure locked room until time of installation.

1.06 PROJECT CONDITIONS

- A. Coordination: Coordinate accessory locations, installation, and sequencing with other work to avoid interference with and ensure proper installation, operation, adjustment, cleaning and servicing of toilet accessory items.

1.07 WARRANTY

- A. Warranty: Submit a written warranty executed by mirror manufacturer, agreeing to replace any mirrors that develop visible silver spoilage defects within warranty period.

- B. Warranty Period: 15 years from date of Substantial Completion.
- C. The warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and will be in addition to and run concurrent with other warranties made by the Contractor under requirements of the Contract Documents.

PART 2: PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering toilet accessories that may be incorporated in the Work include, but are not limited to the following:
 - 1. American Specialties, Inc.
 - 2. American Accessories
 - 3. Bobrick Washroom Equipment, Inc.
 - 4. Bradley Corporation
 - 5. McKinney/Parker
 - 6. Koala Corporation
 - 7. Brocar
 - 8. Excel

2.02 MATERIAL, GENERAL

- A. Stainless Steel: AISI Type 302/304, with polished No. 4 finish, (18 gauge) minimum thickness.
- B. Brass: Leaded and unleaded, flat products, ASTM B 19; rods, shapes, forgings, and flat products with finished edges, ASTM B-16; Castings, ASTM B-30.
- C. Sheet Steel: Cold-rolled, commercial quality ASTM A 366, 0.04 inch (20 gage) minimum. Surface preparation and metal pretreatment as required for applied finish.
- D. Galvanized Steel Sheet: ASTM A 527, G60.
- E. Chromium Plating: Nickel and chromium electro-deposited on base metal, ASTM B 456, Type SC 2.
- F. Mirror Glass: Nominal 6.0-mm (0.23 inch) thick, conforming to ASTM C 1036, Type 1, Class 1, Quality q2, and with silvering, electro-plated copper coating, and protective organic coating.
- G. Galvanized Steel Mounting Devices: ASTM A153, hot-dip galvanized after fabrication.
- H. Fasteners: Screws, bolts, and other devices of same material as accessory unit, or of galvanized steel where concealed.

2.03 RECESSED PAPER TOWEL DISPENSERS/WITH WASTE RECEPTACLE (For 3 Toilet rooms)

- A. Semi Recessed Mounted Paper Towel Dispenser/Waste Receptacle Unit: Fabricate of stainless steel with hinged front equipped with tumbler lockset. (Three (3) required) (Men, Women, & Staff R.R.).
 - 1. Capacity: Not less than 900 multifold towels without special adapter.
 - 2. Size Range: Approximately 56 inches high, 14 inches wide, and up to 5 3/4 inches deep.
 - 3. American Specialties Inc. # 046926 Paper Towel Dispenser/Waste Combination
 - 4. See Schedule at the end of this section for number to be furnished.

5. Mounting shall be in strict accordance with the 1994 ADAAG Guidelines for making Buildings Accessible.

2.04 SURFACE MOUNTED PAPER TOWEL DISPENSER (For, Staff Break Room, and Serving.

A. Paper Towel Dispenser

1. Two (2) Required
2. McKinney-Parker #610 Brushed Chrome
3. American Specialties #0210 Brushed Chrome

2.05 TOILET PAPER TISSUE DISPENSERS

A. Surface Mounted Twin 9 inch Jumbo Roll Toilet Tissue Dispenser: (3 required)

1. 18 ga. Type 304 stainless steel.
2. To Hold 2 – 9 inch diameter rolls of 2 ¼ inch diameter core.
3. See schedule at the end of this section for number to be furnished.
4. Mounting shall be in strict accordance with the 1994 ADAAG Guidelines for making Buildings Accessible.
5. Size to accommodate mounting inside toilet stall locations.
6. Manufacturers:
 - a. ASI # 0040 or Equal

2.06 GRAB BARS

A. Unit Type: (Three (3) sets required.

1. Stainless Steel Type: Provide grab bars with wall thickness not less than 0.05 inch (18 gage) and as follows:
 - a. Mounting concealed, manufacturer's standard flanges and anchorage's to withstand more than 250 pounds of force.
 - b. Clearance: 1-1/2 " clearance between wall surface and inside face of bar.
 - c. Gripping Surfaces: Smooth, satin finish.
 - d. Heavy Duty Size: Outside diameter of 1-1/2 inches.
 - e. Provide as follows but in no case less than the requirements of the American's with Disabilities Act or the Louisiana State Fire Marshall Act.
 - 1.) 3 – 36 inch grab bars by American Accessories, Bradley, Bobrick, ASI for handicap toilet stalls.
 - 2.) 3 – 42 inch grab bars by American Accessories, Bradley, Bobrick ASI for handicap toilet stalls.

2.07 LIQUID SOAP DISPENSERS (Automatic-Hands-Free)

A. Liquid Soap Dispenser, Wall Mounted Bradley 643 or Bobrick Trimline Series Recessed or ASI 0326 Recessed. (Three (3) required).

1. Description: Designed for dispensing soap in liquid or lotion form.
2. Mounting: Horizontally oriented, recessed.
3. Capacity 32 oz.
4. Materials: Flange fabricated of type 304, 22ga. Stainless steel, satin finish. One piece seamless construction. Cabinet fabricated of type 304, heavy gauge stainless steel. Soap vessel fabricated of type 304, 22 ga stainless steel, satin finish.
5. Lockset: Tumbler type.
6. Refill Indicator: Window type.

2.08 FRAMED TEMPERED PLATE GLASS MIRRORS

A. Framed 18 inch x 36 inch wall mounted tempered plate glass mirror at Men and Women's Restrooms (Four (4) Required)

1. Mirrors of ¼ inch tempered plate glass.
2. Frames are to be brushed stainless steel.
3. Provide one (1) at each lavatory in each toilet room for a total of 4.

4. Manufacturers:
 - a. Bradley # 780 or ASI 0600

2.09 ELECTRIC HAND DRYER

- A. "No Touch" Wall Mounted Electric Hand Dryer (3 required).
 1. Finish: Satin Chrome
 2. Electrical Requirements 110 to 120 volts, for 20 amps.
 3. Provide 1 in each Large Public Men and Women Toilets (103 & 104) and 1 in the Staff Restroom (130) for a total of three (3).
 4. Manufacturers:
 - a. ASI #0122 or Excel #HO-IC

2.10 MISCELLANEOUS ACCESSORIES

- A. Mop and Broom Holder, Utility Shelf: (1 required)
 1. Combination unit with 0.05 inch (18 gage), Type 304, stainless steel shelf with 1/2 inch returns, 0.062 inch (16 gage) support brackets for wall mounting. Provide 0.062 (16 gage) stainless steel hooks for wiping rags on front of shelf, together with spring-loaded, rubber hat, cam-type mop/broom holders; 1/4" diameter stainless steel drying rod suspended beneath shelf. Provide unit 36 inches long and complete with four mop/broom holders and three hooks.
 - a. Bobrick B-224 X 36 or Bradley 9984
 - b. Provide only one unit at each Janitor closet.
- B. Robe/Coat Hook (3 required)
 1. Single Robe fabricated of Type 304 18-8 stainless steel.
 2. Bobrick Model B-2116 or American Specialties, Inc. Model 0751A
 3. Provide (1) in each toilet stall locations in each Toilet Room and in each separate toilet room. See the end of this section of schedule of number to be furnished
- D. Baby Changing Table: (2 required, one in Women Toilet and one in Men's Toilet)
 1. Horizontal Baby Changing Station: Molded high density polyethylene
 - a. Koala: 20" x 35" HD Polyethylene
 - b. Brocar: Model 100E HD Polyethylene

2.11 FABRICATION

- A. General:
 1. Only a maximum 1-1/2 " diameter, unobtrusive stamped manufacturer logo, as approved by Architect, is permitted on exposed face of toilet or bath accessory units. On either interior surface not exposed to view or back surface, provide additional identification by either a printed, waterproof label or a stamped nameplate, indicating manufacturer's name and product model number.
- B. Surface-Mounted Toilet Accessories, General:
 1. Except where otherwise indicated, fabricate units with tight seams and joints, exposed edges rolled. Hang doors or access panels with continuous stainless steel piano hinges. provide concealed anchorage wherever possible.
- C. Recessed Toilet Accessories, General:
 1. Except where otherwise indicated, fabricate units of all-welded construction, without mitered corners. Hang doors or access panels with full-length, stainless steel piano hinges. Provide anchorage that is fully concealed when unit is closed.

PART 3: EXECUTION

3.01 EXAMINATION

- A. Examine rough-in for all recessed cabinets to verify locations prior to cabinet installation.
- B. Examine walls and partitions for thickness and framing for cabinets to verify cabinet depth and mounting prior to cabinet installation.
- C. Insure that solid backing has been installed behind all wall surface mounted devices.

3.02 INSTALLATION

- A. Install toilet accessory units according to manufacturers' instructions, using fasteners appropriate to substrate as recommended by unit manufacturer. Install units plumb and level, firmly anchored in locations and heights indicated.
- B. Secure mirrors to walls in concealed, tamperproof manner with special hangers, toggle bolts, screws or other devices required. Set Mirrors level and plumb and square at locations indicated.
- C. Install grab bars to withstand a downward load of at least 250 lb., complying with ASTM F 446.

3.03 ADJUSTING CLEANING AND PROTECTION

- A. Adjust toilet accessories for proper operation and verify that mechanisms function smoothly. Replace damaged or defective items.
- B. Clean and polish all exposed surfaces strictly according to manufacturer's recommendations after removing temporary labels and protective coatings.

3.04 SCHEDULE

- A. The following Toilet and Bath Accessories are required:
 - 1. Semi Recessed Paper Towel Dispensers/Trash Receptacles: Three (3) required.
 - 2. Surface Mounted Paper Towel Dispenser Only Two (2) required
 - 3. Toilet Paper Tissue Dispensers: Three (3) required.
 - 4. Coat Hooks: Three (3) required.
 - 5. Mop and Broom Holders/Shelf: One (1) Required
 - 6. 36 inch Grab Bars: Three (3) required.
 - 7. 42 inch Grab Bars: Three (3) required.
 - 8. Soap Dispensers (Automatic-Hands-Free): Three (3) required.
 - 9. 18" x 36" Framed Tempered Plate Glass Mirrors: Four (4) required.
 - 10. Baby Changing Table: Two (2) required.

END OF SECTION - 10800