

SECTION 102800 - TOILET AND BATH ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
1. Public-use washroom accessories.
 2. Public-use shower room accessories.
 3. **Childcare accessories.**
 4. ~~Underlavatory guards.~~
 5. Custodial accessories.

1.2 COORDINATION

- A. Coordinate accessory locations with other work to prevent interference with clearances required for access by people with disabilities, and for 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.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.
 2. Include anchoring and mounting requirements, including requirements for cutouts in other work and substrate preparation.
 3. Include electrical characteristics.
- B. Samples: For each exposed product and for each finish specified, full size.
1. Approved full-size Samples will be returned and may be used in the Work.
- C. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required.
1. Identify locations using room designations indicated.
 2. Identify accessories using designations indicated.

1.4 INFORMATIONAL SUBMITTALS

- A. Sample Warranty: For manufacturer's special warranties.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For accessories to include in maintenance manuals.

PART 2 - PRODUCTS

2.1 OWNER-FURNISHED MATERIALS

- A. Owner-Furnished Materials:
1. Freestanding waste receptacles.

2.2 PERFORMANCE REQUIREMENTS

- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- B. Structural Performance: Design accessories and fasteners to comply with the following requirements:
1. Grab Bars: Installed units are able to resist 250 lbf concentrated load applied in any direction and at any point.
 2. Shower Seats: Installed units are able to resist 360 lbf applied in any direction and at any point.

2.3 MANUFACTURERS

- A. Basis of Design: Subject to compliance with requirements, provide basis of design indicated or comparable products by one of the following:
1. American Specialties, Inc. (ASI)
 2. Bobrick Washroom Equipment.
 3. Bradley Corp.
 4. GAMCO Specialty Accessories.

2.4 PUBLIC-USE WASHROOM ACCESSORIES

- A. Source Limitations: Obtain each type of public-use washroom accessory from single source from single manufacturer.
- B. Toilet Tissue (Roll) Dispenser (TT): **Owner Furnished / Contractor Installed**
1. ~~Basis of Design: ASI; Model #0030, Twin Hide A Roll Toilet Tissue Dispenser.~~
 2. ~~Description: Roll in reserve dispenser that automatically drops into place when bottom roll is used up.~~
 3. ~~Mounting: Surface mounted.~~
 4. ~~Operation: Theft resistant spindles with integral plated steel endpins.~~
 5. ~~Capacity: Designed for 5 inch diameter tissue rolls.~~
 6. ~~Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin).~~
- C. Automatic Paper Towel (Roll) Dispenser (PTF1): **Owner Furnished / Contractor Installed**
1. ~~Basis of Design: ASI; 045210A~~
 2. ~~Description: Automatic motion sensing mechanism with user adjustable delay and paper towel length.~~
 3. ~~Mounting: Recessed.~~
 4. ~~Minimum Capacity: 8 inch wide, 800 foot long roll.~~
 5. ~~Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin).~~
 6. ~~Lockset: Tumbler type.~~
 7. ~~Accessories: Provide manufacturer's standard A/C adapter conversion kit to convert paper towel dispenser into electrically operated.~~

- D. Automatic Paper Towel (Roll) Dispenser (PTF2): **Owner Furnished / Contractor Installed**
1. ~~Basis of Design: ASI; 045210A-9~~
 2. ~~Description: Automatic motion sensing mechanism with user adjustable delay and paper towel length.~~
 3. ~~Mounting: Surface mounted.~~
 4. ~~Minimum Capacity: 8 inch wide, 800 foot long roll.~~
 5. ~~Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin).~~
 6. ~~Lockset: Tumbler type.~~
 7. ~~Accessories: Provide manufacturer's standard A/C adapter conversion kit to convert paper towel dispenser into electrically operated.~~
- E. Automatic Soap Dispenser – Multi-Feed (SD1): **Owner Furnished / Contractor Installed**
1. ~~Basis of Design: ASI; 0390 (N).~~
 2. ~~Description: Automatic dispenser with infrared sensor to detect presence of hands.~~
 3. ~~Mounting: Deck mounted on vanity.~~
 4. ~~Capacity: 1.6 gal.~~
 5. ~~Materials: Polished chrome plated.~~
 6. ~~Refill Indicator: LED indicator.~~
 7. ~~Accessories: Provide manufacturer's standard A/C adapter conversion kit to convert soap dispenser into electrically operated.~~
- F. Automatic Soap Dispenser – Stand-Alone (SD2): **Owner Furnished / Contractor Installed**
1. ~~Basis of Design: ASI; 0391 (N).~~
 2. ~~Description: Automatic dispenser with infrared sensor to detect presence of hands.~~
 3. ~~Mounting: Deck mounted on vanity.~~
 4. ~~Capacity: 33.8 oz.~~
 5. ~~Materials: Polished chrome plated.~~
 6. ~~Refill Indicator: LED indicator.~~
 7. ~~Accessories: Provide manufacturer's standard A/C adapter conversion kit to convert soap dispenser into electrically operated.~~
- G. Grab Bar (GB18, GB24, GB36, GB42):
1. Basis of Design: ASI; 3800-P
 2. Mounting: Flanges with concealed fasteners.
 3. Material: Stainless steel, 0.05 inch thick.
 - a. Finish: Smooth, ASTM A480/A480M No. 4 finish (satin) on ends and slip-resistant texture in grip area.
 4. Outside Diameter: 1-1/2 inches.
 5. Configuration and Length: As indicated on Drawings.
- H. **Toilet Seat Cover Dispenser: Owner Furnished / Contractor Installed**
- I. Sanitary-Napkin Disposal Unit (SDU):
1. Basis of Design: ASI; 0852.
 2. Mounting: Surface mounted.
 3. Door or Cover: Self-closing, disposal-opening cover.
 4. Receptacle: Unit is emptied by opening top door and removing wax paper collection bag. Bags provided by others.
 5. Capacity: 1.2 gal.
 6. Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin).

J. Mirror Unit (MM):

1. Basis of Design: ASI; 0600 SERIES.
2. Frame: Stainless steel angle, 0.05 inch thick.
 - a. Corners: Welded and ground smooth.
3. Size: 18- by 36-inches.
4. Hangers: Manufacturer's standard rigid, tamper and theft resistant.

K. Custom Framed Full-Length Mirror (FLM):

1. Frame:
 - a. Wood Species: Select white maple.
 - b. Profile: 4-inch flat profile with square edge.
 - c. Finish: Stained.
 - 1) Shop finished, manufacturer's standard transparent finish.
 - 2) Color: As selected by Architect from full range of industry colors.
 - d. **Size: 72-inches high by 42-inches wide.**
2. Mirrors: ASTM C 1503, Mirror Glazing Quality, clear-glass mirrors, nominal 6.0 mm thick.

2.5 PUBLIC-USE SHOWER ROOM ACCESSORIES**A. Source Limitations: Obtain each type of public-use shower room accessory from single source from single manufacturer.****B. Shower Curtain Rod (SHR):**

1. Basis of Design: ASI; 1204-2
2. Description: 1-1/4-inch- outside diameter, straight rod.
3. Configuration: As indicated on Drawings
4. Mounting Flanges: Concealed fasteners; in manufacturer's standard material and finish.
5. Rod Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin).

C. Shower Curtain (SHC):

1. Basis of Design: ASI; 1200-V.
2. Size: Minimum 6 inches wider than opening up to 42-inches, and 12-inches wider than opening over 42-inches, by 72 inches high.
3. Material: Vinyl, minimum 0.006 inch thick, opaque, matte
4. Color: White.
5. Grommets: Corrosion resistant at minimum 6 inches o.c. through top hem.
6. Shower Curtain Hooks:
 - a. Basis-of-Design Product: ASI; 1200-SHU.
 - b. Stainless steel, spring wire curtain hooks with snap fasteners, sized to accommodate specified curtain rod. Provide one hook per curtain grommet.

D. Folding Shower Seat (SHS):

1. Basis of Design: ASI; 8206.
2. Configuration: L-shaped seat, designed for wheelchair access.
3. Seat: Phenolic composite of slat-type or one-piece construction in white.
4. Mounting Mechanism: Stainless steel, ASTM A480/A480M No. 4 finish (satin).
5. Dimensions: 33-inches long, and projects 22-7/8-inches from wall..

E. Robe Hook (**RB1**):

1. Basis of Design: ASI; 7308.
2. Description: Single-prong unit.
3. Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin).

2.6 CHILDCARE ACCESSORIES

A. Source Limitations: Obtain each type of childcare accessory from single source from single manufacturer.

B. Diaper-Changing Station (**DCS**):

1. Basis of Design: ASI 9013-9 Roval
2. Description: Horizontal unit that opens by folding down from stored position and with child-protection strap.
 - a. Engineered to support minimum of 250-lb static load when opened.
3. Mounting: Surface mounted, with unit projecting not more than 4 inches from wall when closed.
4. Operation: By pneumatic shock-absorbing mechanism.
5. Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin), exterior shell with rounded plastic corners; HDPE interior in manufacturer's standard color.
6. Liner Dispenser: Provide built-in dispenser for disposable sanitary liners.
7. **Location: Provide one unit in each of the following: Men 128, Family 129, Women 130.**

2.7 ~~UNDERLAVATORY GUARDS~~A. ~~Underlavatory Guard:~~

1. ~~Manufacturers: Subject to compliance with requirements, provide products from one of the following:~~
 - a. ~~Buekaroo, Inc.~~
 - b. ~~Plumberex Specialty Products, Inc.~~
 - c. ~~Truebro by IPS Corp.~~
2. ~~Description: Insulating pipe covering for supply and drain piping assemblies that prevents direct contact with and burns from piping; allow service access without removing coverings.~~
3. ~~Material and Finish: Antimicrobial, molded plastic, white.~~

2.8 CUSTODIAL ACCESSORIES

A. Source Limitations: Obtain each type of custodial accessory from single source from single manufacturer.

B. Custodial Mop and Broom Holder:

1. Basis of Design: Bradley Corp.; 9953 Mop and Broom Holder, 3 Holders.
2. Description: Spring-activated rubber cams on plated steel retainers. Will hold a mop or broom handle with a diameter between 5/8-inch and 1-inch..
3. Length: 36 inches.
4. Mop/Broom Holders: Three, spring-loaded, rubber hat, cam type.
5. Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin).
 - a. Shelf: Not less than nominal 0.05-inch- thick stainless steel.
 - b. Rod: Approximately 1/4-inch- diameter stainless steel.

2.9 MATERIALS

- A. Stainless Steel: ASTM A240/A240M or ASTM A666, Type 304, 0.031-inch- minimum nominal thickness unless otherwise indicated.
- B. Fasteners: Screws, bolts, and other devices of same material as accessory unit, unless otherwise recommended by manufacturer or specified in this Section, and tamper and theft resistant where exposed, and of stainless or galvanized steel where concealed.
- C. Chrome Plating: ASTM B456, Service Condition Number SC 2 (moderate service).
- D. Mirrors: ASTM C1503, Mirror Glazing Quality, clear-glass mirrors, nominal 6.0 mm thick.

2.10 FABRICATION

- A. General: Fabricate units with tight seams and joints, and exposed edges rolled. Hang doors and access panels with full-length, continuous hinges. Equip units for concealed anchorage and with corrosion-resistant backing plates.
- B. 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.
 - 1. Remove temporary labels and protective coatings.
- B. Grab Bars: Install to comply with specified structural-performance requirements.
- C. Shower Seats: Install to comply with specified structural-performance requirements.

3.2 ADJUSTING AND CLEANING

- A. Adjust accessories for unencumbered, smooth operation. Replace damaged or defective items.
- B. Clean and polish exposed surfaces according to manufacturer's written instructions.

END OF SECTION 102800