

SECTION 10 28 00 - TOILET, BATH, AND LAUNDRY ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Public-use washroom accessories.
2. Private-use bathroom accessories.
3. Underlavatory guards.
4. Custodial accessories.
5. Hand-sanitizer dispensers.

B. Related Requirements:

1. Section 08 83 00 "Mirrors" for frameless mirrors.

1.2 ACTION SUBMITTALS

A. Product Data: For each 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. 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.

1.3 INFORMATIONAL SUBMITTALS

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

1.4 CLOSEOUT SUBMITTALS

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

1.5 WARRANTY

A. Manufacturer's Special Warranty for Mirrors: Manufacturer agrees to repair or replace

mirrors that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, visible silver spoilage defects.
2. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. 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 concentrated load applied in any direction and at any point.

2.2 PUBLIC-USE WASHROOM ACCESSORIES

- A. Toilet Tissue (Roll) Dispenser:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Aluids; Krome USA Inc.
 - b. ASI-American Specialties, Inc.
 - c. Bobrick Washroom Equipment, Inc
 - d. Bradley Corporation
 - e. Brey-Krause Manufacturing Co.
 - f. Gamco Commercial Restroom Accessories; Bobrick Washroom Equipment, Inc.
 - g. Seachrome Corporation
 - h. Tubular Specialties Manufacturing, Inc.
2. Description: Roll-in-reserve dispenser with hinged front secured with tumbler lockset.
3. Mounting: Recessed
4. Capacity: Designed for 4-1/2-inch or 5-inch diameter tissue rolls.
5. Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin)

- B. Combination Towel (Folded) Dispenser/Waste Receptacle:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. ASI-American Specialties, Inc.

- b. Bobrick Washroom Equipment, Inc
 - c. Bradley Corporation
 - d. Gamco Commercial Restroom Accessories; Bobrick Washroom Equipment, Inc.
 - e. Tubular Specialties Manufacturing, Inc.
 - 2. Description: Combination unit for dispensing C-fold or multifold towels, with removable waste receptacle.
 - 3. Mounting: Recessed with projecting receptacle
 - a. Designed for nominal 4-inch wall depth.
 - 4. Minimum Towel-Dispenser Capacity: 600 C-fold
 - 5. Minimum Waste-Receptacle Capacity: 12 gal.
 - 6. Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin).
 - 7. Liner: Reusable, vinyl waste-receptacle liner.
 - 8. Lockset: Tumbler type for towel-dispenser compartment.
- C. Soap Dispenser:
- 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Aluids; Krome USA Inc.
 - b. ASI-American Specialties, Inc.
 - c. Bobrick Washroom Equipment, Inc
 - d. Bradley Corporation
 - e. Brey-Krause Manufacturing Co.
 - f. Gamco Commercial Restroom Accessories; Bobrick Washroom Equipment, Inc.
 - g. Seachrome Corporation
 - h. Tubular Specialties Manufacturing, Inc.
 - 2. Description: Designed for manual operation and dispensing soap in liquid form.
 - 3. Mounting: Vertically oriented, surface mounted.
 - 4. Lockset: Tumbler type.
 - 5. Refill Indicator: Window type.
- D. Grab Bar:
- 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Aluids; Krome USA Inc.
 - b. ASI-American Specialties, Inc.
 - c. Bobrick Washroom Equipment, Inc
 - d. Bradley Corporation
 - e. Brey-Krause Manufacturing Co.

- f. Construction Solutions
 - g. Gamco Commercial Restroom Accessories; Bobrick Washroom Equipment, Inc.
 - h. Oatey Co.
 - i. ProFlo; a Ferguson Enterprises, Inc. brand
 - j. Seachrome Corporation
 - j. Tubular Specialties Manufacturing, Inc
- 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. OD: 1-1/2 inches.
 - 5. Configuration and Length: As indicated on Drawings.

E. Mirror Unit:

- 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. ASI-American Specialties, Inc.
 - b. Bobrick Washroom Equipment, Inc
 - c. Bradley Corporation
 - d. Brey-Krause Manufacturing Co.
 - e. Gamco Commercial Restroom Accessories; Bobrick Washroom Equipment, Inc.
 - f. Seachrome Corporation
 - g. Seawin Hospitality; Seawin Global
 - h. Tubular Specialties Manufacturing, Inc.
- 2. Frame: Stainless steel channel.
 - a. Corners: Manufacturer's standard.
- 3. Size: As indicated on Drawings.

F. Hook:

- 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. ASI-American Specialties, Inc.
 - b. Bobrick Washroom Equipment, Inc
 - c. Bradley Corporation
 - d. Brey-Krause Manufacturing Co.
 - e. Gamco Commercial Restroom Accessories; Bobrick Washroom Equipment, Inc.

- f. Seachrome Corporation
 - g. Tubular Specialties Manufacturing, Inc.
- 2. Description: Single-prong unit
 - 3. Mounting: Exposed.
 - 4. Material and Finish: Polished chrome-plated brass.

2.3 PRIVATE-USE BATHROOM ACCESSORIES

- A. Source Limitations: Obtain each type of private-use bathroom accessory from single source from single manufacturer.
 - 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. ASI-American Specialties, Inc.
 - b. Basco, Inc
 - c. Bobrick Washroom Equipment, Inc
 - d. Bradley Corporation
 - e. Brey-Krause Manufacturing Co.
 - f. Franklin Brass; Liberty Hardware Manufacturing Corporation; Masco Corporation
 - g. Gamco Commercial Restroom Accessories; Bobrick Washroom Equipment, Inc.
 - h. Ginger; Brasstech, Inc.; Masco Corporation
 - i. Seachrome Corporation
 - j. Taymor Industries Ltd.
 - k. Tubular Specialties Manufacturing, Inc.
- B. Private-Use Toilet Tissue Dispenser:
 - 1. Description: Double -roll dispenser with the following features:
 - 2. Mounting: Recessed.
 - 3. Capacity: Designed for 4-1/2- or 5-inch- diameter tissue rolls.
 - 4. Material and Finish: Polished chrome-plated brass.
- C. Private-Use Shower Curtain Rod:
 - 1. Description: 1-1/4-inch- OD, straight rod.
 - 2. Configuration: As indicated on Drawings.
 - 3. Mounting Flanges: Exposed fasteners; in manufacturer's standard material and finish.
 - 4. Rod Material and Finish: Stainless steel, ASTM A480/A480M No. 7 finish (polished).
 - 5. Features: Integral chrome-plated brass glide hooks.
- D. Private-Use Folding Shower Seat – (ABA Dorm Rooms only)
 - 1. Configuration: Rectangular seat

2. Seat: Phenolic or polymeric composite of slat-type in color as selected by Architect.
3. Mounting Mechanism: Stainless steel, ASTM A480/A480M No. 4 finish (satin).

E. Private-Use Robe Hook:

1. Description: Double -prong unit.
2. Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin)

F. Private-Use Towel Bar:

1. Description: 3/4-inch- round tube with circular end brackets.
2. Mounting: Flanges with concealed fasteners.
3. Length: As shown on drawings.
4. Material and Finish: [Stainless steel, ASTM A480/A480M No. 4 finish (satin)

2.4 UNDERLAVATORY GUARDS – PUBLIC USE RESTROOM

A. Underlavatory Guard:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Buckaroos, Inc.
 - b. Plumberex Specialty Products, Inc.
 - c. Truebro; IPS Corporation
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.

2.5 CUSTODIAL ACCESSORIES

A. Source Limitations: Obtain custodial accessories from single source from single manufacturer.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. ASI-American Specialties, Inc.
 - b. Bobrick Washroom Equipment, Inc
 - c. Bradley Corporation
 - d. Brey-Krause Manufacturing Co.
 - e. Gamco Commercial Restroom Accessories; Bobrick Washroom Equipment, Inc.

f. Tubular Specialties Manufacturing, Inc.

B. Custodial Mop and Broom Holder:

1. Description: Unit with shelf, hooks, holders, and rod suspended beneath shelf.
2. Length: 36 inches.
3. Hooks: Four.
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.

2.6 MATERIALS

- A. Stainless Steel: ASTM A240/A240M or ASTM A666, Type 304, 0.031-inch- minimum nominal thickness unless otherwise indicated.
- B. Mirrors: ASTM C1503, Mirror Glazing Quality, clear-glass mirrors, nominal 6.0 mm thick.

2.7 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 OF TOILET, BATH, AND LAUNDRY ACCESSORIES

- A. Install accessories in accordance with 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.

END OF SECTION 10 28 00

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