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SECTION 10810 - TOILET ACCESSORIES

**PART 1 GENERAL**

1.01 SUMMARY

- A. Provide toilet room accessories indicated on Drawings and specified in this Section.
- B. Related Sections:
  - 1. Section 06100 – Rough Carpentry.
  - 2. Section 09310 - Ceramic Tile.
  - 3. Section 10161 - Toilet Compartments.

1.02 REFERENCE STANDARDS

- A. Except as otherwise specified herein or shown on the Drawings, comply with the latest editions of all applicable codes and regulations including the applicable requirements of the following Reference Standards and Codes which are hereby made a part of this Section, as they relate to the toilet accessories.
  - 1. BOCA Building Code, 2001 Edition.
  - 2. The Occupational Health and Safety Administration (OSHA) Code of Federal Regulations(CFR), Volume 29.
  - 3. ADA Accessibility Guidelines, latest edition.

1.02 SUBMITTALS

- A. Product Data: Submit manufacturer's technical data and installation instructions for each toilet accessory.
- B. Samples:
  - 1. Submit full-size samples of units to the Resident for verification of compliance and return to Contractor.
  - 2. Approved samples may be used in work.
- C. Setting Drawings: Provide setting drawings, templates, instructions, and directions for installation of anchorage devices.

1.03 QUALITY ASSURANCE

- A. Coordination:
  - 1. Furnish inserts and anchoring devices to be set in concrete or built into masonry;

- coordinate delivery with other work to avoid delay.
2. Accessory Locations: Coordinate with other work to avoid interference and to ensure proper operation and servicing.
- B. Source Quality Control: Provide products of same manufacturer for each type of unit and for units exposed in same areas, unless otherwise acceptable to the Resident.

1.04 WARRANTY

- A. Provide one year warranty against defects in material and workmanship on all accessories. In addition to the above the following shall apply;
1. Hand and hair dryer shall have a ten year limited warranty.
  2. Welded stainless steel framed mirrors shall have a 15 year warranty against silver spoilage.

**PART 2 PRODUCTS**

2.01 MATERIALS

- A. Sheet Steel: ASTM A366, 20 gauge, commercial grade, cold-rolled steel. Surface preparation and metal pretreatment as required for applied finish.
- B. Stainless Steel Sheet: ASTM A167, 22 gauge, commercial grade, AISI Type 302/304 with No.4 satin finish.
- C. Stainless Steel Tubing: ASTM A269, commercial grade, AISI Type 302/304, seamless welded.
- D. Galvanized Steel Sheet: ASTM A 527, G60.
- E. Chromium Plating: Nickel and chromium electrodeposited on base metal, ASTM B 456, Type SC 2.
- F. Mirror Glass: Type I, Class 1, Quality q2, 1/4 in. thick, with silver coating, copper protective coating, and non-metallic paint coating complying with FS DD-M-411.
- 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 hot-dipped galvanized steel, ASTM A123, 1.25 oz./sq.ft., where concealed.
- I. Waste receptacles or cabinets manufactured of type 400 stainless steel are not acceptable.
- J. All tumbler locks shall be fastened to accessories with lock nuts. Fastening locks to units with spring clips are not acceptable.

- K. All back plates for grab bars shall be stainless steel.
- L. Manufacturer's identification logo shall be permanently stamped into each accessory. Such stamping shall be not larger than 1 inch by 1 inch and unobtrusively located on accessory. Lavatory mounted soap dispensers shall have the manufacturer's name permanently molded onto the container. Adhesive stickers are not allowed.
- M. All lettering, other than identification logo, shall be silk screened and use international symbols.
- N. To facilitate use by the physically challenged;
  - 1. Soap dispensers shall operate with a maximum 5 pound force. Napkin vending machines shall meet the 5 pound operating force and require tight turning or twisting to operate.
  - 2. All dual roll toilet dispensers shall be fully automatic and not require the end-user to perform any function to obtain the second roll. All toilet dispensers shall meet the requirement to be free spinning.

## 2.02 ACCEPTABLE MANUFACTURERS

- A. Model numbers listed below for toilet accessories, unless otherwise specified, are products manufactured by Bobrick Washroom Equipment, Inc., and are listed as standard of quality.
- B. Equivalent products of the following manufacturers are acceptable:
  - 1. American Specialties, Inc.
  - 2. A & J Washroom Accessories.
  - 3. Bradley Corporation.
- C. Equivalent products of other manufacturers may be provided if approved by the Resident in accordance with provisions of Section 01600 and 01640.

## 2.03 TOILET ACCESSORIES

- A. Lavatory-Mounted Lather soap valve:
  - 1. Material: 22 gauge, Type 304 stainless steel, satin finish.
  - 2. Mounting: Surface.
  - 3. Capacity: 40oz.
  - 4. Liquid type with refill indicator.
- B. Recessed Toilet Seat Cover Dispensers:
  - 1. Material: 22 gauge, Type 304 stainless steel, satin finish.

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2. Mounting: Recessed in a 4" nominal thickness wall.
  3. Capacity: 500 toilet seat covers.
  4. Model No.: B-3013 by Bobrick.
- C. 2-Roll Toilet Paper Holders:
1. Material: 22 gauge, Type 304 stainless steel, satin finish.
  2. Mounting: Surface.
  3. Capacity: 2-roll capacity.
  4. Model No.: B-4388 by Bobrick.
- D. Grab Bars:
1. Material: 1-1/2 inch diameter stainless steel, 18 gauge, heavy duty concealed mounting with satin finish snap flange.
  2. Mounting: Concealed, vandal resistant anchors and fasteners. Provide 1-1/2 inch wall clearance.
  3. Model No.: B-6806 by Bobrick.
  4. Lengths and configurations indicated on Drawings.
- E. Recessed Napkin/Tampon Dispenser:
1. Material: 22 Gauge, Type 304 stainless steel, satin finish
- F. Framed Handicap Mirrors:
1. Material: One piece, roll-formed satin finish stainless steel bevel frame and No. 1 quality 1/4" thick float glass mirror electrolytically copper plated.
  2. Mounting: Concealed, vandal resistant anchors and fasteners.
  3. Model No.: B-293-1836 by Bobrick.
- G. Recessed Combination Paper Towel Dispensers/Waste Receptacle:
1. Material: 22 gauge, Type 304 stainless steel, satin finish.
  2. Mounting: Surface.
  3. Capacity: 400 C-fold or 525 multifold paper towels.
  4. Model No.:by Bobrick.
- H. Coat Hook and Door Bumper:
1. Material: Solid aluminum casting, matte finish.  
Model No.: by Quality.
- I. Baby Changing Stations:
1. Model No.: 100 E by Brocar.

J. Janitor Rooms:

1. Soap Dispenser: Powdered Soap, U.S. Borax, Model No. 37, surface mounted. Install in all Janitor closets.
2. Paper Towel Dispenser: B-263 by Bobrick with 263-180 roll towel tray adapter. Install in all Janitor closets.
3. Mop Rack: B-224 by Bobrick installed in all Janitor closets above mop sink.

**PART 3 EXECUTION**

3.01 INSPECTION

- A. Do not proceed with the work of this section until conditions detrimental to the proper and timely completion of the work have been corrected in an acceptable manner.

3.02 FABRICATION

- A. Fabricate recessed units with seamless one piece flange on exposed face. Weld corners leaving no open miters.
- B. Form exposed surfaces from one sheet of stock, free of joints. Form surfaces flat without distortion. Maintain flat surfaces without scratches or dents.
- C. Weld and grind smooth joints of fabricated components.
- D. Shop-assemble components and package complete with anchors and fittings.
- E. Provide steel anchor plates and anchor components for installation on building finishes. Hot-dip galvanize ferrous metal anchors and fastening devices.
- F. Key lock dispensing units alike. Key coil operated boxes separately from dispensing units.
- G. Back paint components where contact is made with building finishes to prevent electrolysis.

3.03 INSTALLATION

- A. Install toilet room accessories at locations shown on drawings in accordance with manufacturer's printed installation instructions plumb and true, with horizontal lines level.
1. Secure toilet room accessories to supporting substrate with fasteners and anchors of types necessary for rigid anchorage to substrate construction. Conceal evidence of drilling and fitting in adjacent surfaces.
- B. Special Tools and Keys: Deliver special tools and keys of each type required for theft proof

fasteners and for refilling soap dispensers and paper towel dispensers to the Owner before final acceptance.

3.04 CLEANING

- A. After installation, adjust accessories for proper operation and clean toilet room accessories in a manner not to damage finish and leave in conditions satisfactory to the Resident.

\*\*\*END OF SECTION\*\*\*