

## SECTION 10 28 24

### TOILET AND JANITORIAL ACCESSORIES

#### PART 1 – GENERAL

##### 1.01 SECTION INCLUDES

- A. Seat cover dispensers.
- B. Sanitary napkin disposal.
- C. Towel dispensers.
- D. Toilet roll and tissue dispenser.
- E. Stainless steel shelf and clothes rod.

##### 1.02 RELATED SECTIONS

- A. Backing plates, blocking, and reinforcement as required for the mounting of accessory items on or in partitions, walls, or shafts, framed with heavy gage steel members, are specified in Contract Specifications Section 05 40 00, Cold-Formed Metal Framing, as applicable.
- B. Fire-Retardant treated wood blocking and backing, where appropriate and acceptable, are specified in Contract Specifications Section 06 10 00, Rough Carpentry.
- C. Backing plates, blocking, and reinforcement as required for the mounting of accessory items on or in partitions, walls, or shafts, framed with light gage sheet metal members, are specified in Contract Specifications Section 09 22 00, Supports for Plaster and Gypsum Board, as applicable.

##### 1.03 MEASUREMENT AND PAYMENT

- A. General: Toilet and bath accessories will not be measured separately for payment but will be paid for as part of the Contract lump-sum price for Architectural Work.

##### 1.04 REFERENCES

- A. American Society for Testing and Materials (ASTM):
  - 1. ASTM A153/A153M Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
  - 2. ASTM A240/A240M Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications

- 3. ASTM A269/A269M Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
- 4. ASTM C1002 Standard Specification for Steel Self-Piercing Tapping Screws for Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs

**1.05 SUBMITTALS**

- A. Refer to Contract Specifications Sections 01 33 00, Submittal Procedures, and 01 33 23, Shop Drawings, Product Data, and Samples, for submittal requirements and procedures.
- B. Submit manufacturer’s product data illustrating each accessory item at large scale. Include manufacturer’s installation details.
- C. Submit one sample of each different accessory item specified to be used in the Contract. Approved samples will be returned and may be used in the work.

**1.06 DELIVERY, STORAGE AND HANDLING**

- A. Refer to Contract Specifications Section 01 60 00, Product Requirements, for general requirements for delivery, storage, and handling procedures.
- B. Do not deliver accessories to the Jobsite until rooms in which they will be located are ready to receive them for immediate installation.
- C. Pack accessory items individually in a manner to protect accessory item and its finish.

**PART 2 – PRODUCTS**

**2.01 MATERIALS**

- A. Stainless Steel Sheet: ASTM A240/A240M, commercial grade, 22 gage, satin finish.
- B. Stainless Steel Tubing: ASTM A269/A269M, commercial grade, seamless, satin finish.
- C. Adhesive: Epoxy type contact cement.
- D. Anchors and Fasteners:
  - 1. Provide concealed fasteners where possible. Concealed fasteners shall be 300-Series stainless steel or galvanized steel conforming with ASTM A153/A153M, as appropriate. Exposed fasteners shall be 300-Series stainless steel.

2. Provide self-drilling, self-tapping, corrosion-resistant steel screws, conforming with ASTM C1002, where accessories are to be anchored to concealed backing plates 16 gage or less in thickness.
  3. Provide galvanized expansion type anchors with matching galvanized screws, bolts, or studs where accessories are to be anchored to concrete or masonry. Provide galvanized steel washers under all screw heads, bolt heads, and nuts.
- E. Janitor Shelving: ASTM A240/A240M, Type 304, composite stainless steel panel, free of buckles, waves, and surface imperfections, satin finish. Size as indicated.
  - F. Locks shall be tumbler type. All keyed accessories shall be keyed to conform to "CAT74" keying, except coin boxes of vending equipment.

**2.02 FABRICATION**

- A. Weld and grind smooth joints of fabricated components. Welded joints shall be invisible in the finished work.
- B. Form exposed surfaces from one sheet of stock, free of joints.
- C. Form surfaces flat without distortion. Maintain flat surfaces without scratches or dents. Shelf edges shall be returned and hemmed. There shall be no sharp edges in the finished work.
- D. Shop assemble components and package complete with anchors and fittings.

**2.03 ACCESSORIES**

- A. General: Regarding accessories designated as District Designated Matching Products (DMP), refer to Contract Documents for product name brand and model number.
- B. Janitorial Shelf: 12 inches wide, 16 gage, Type 304 stainless steel, satin finish, with 3/4 inch or one inch returned edge, hemmed. Length of shelf shall be as indicated. Provide painted steel support brackets as required.
- C. Clothes Rod: Nominal one and a fourth inch diameter, heavy-duty stainless steel tube or pipe, Type 304, satin finish. Provide complete with stainless steel mounting flanges.
- D. Seat cover dispensers – public: DMP. Wall-mounted behind and above toilet. Unit is recessed and keyed.
- E. Seat cover dispensers – staff: DMP. Same as public except where recessing the unit is not possible, use surface-mounted, keyless; this exception shall apply to staff rooms only.
- F. Sanitary napkin disposal – public: DMP. Wall-mounted behind and above toilet. Unit is recessed and keyed.

- G. Sanitary napkin disposal – staff: DMP. Same as public except where recessing the unit is not possible, use surface-mounted, keyless; this exception shall apply to staff rooms only.
- H. Towel dispensers – staff only toilets: DMP. Unit is surface-mounted and keyed. Where combination towel and waste receptacle is indicated, use recessed unit, keyed.
- I. Toilet roll and tissue dispensers – public: Recessed, District furnished.
- J. Toilet roll and tissue dispensers – staff: DMP. Double roll, keyed.
- K. Soap dispensers – public: DMP. Wall-mounted above lavatory, recessed, vandal resistant with pump.
- L. Soap dispensers – staff: DMP. Same as public except where recessing the unit is not possible, use surface-mounted; this exception shall apply to staff rooms only.
- M. Mirrors – staff only: DMP. Framed glass mirror, 18 inches by 30 inches.
- N. Hand dryer – public and staff: DMP. 120V, wall-mounted unit. Projection from wall: 8 inches maximum. Sensor-operated, white or brushed stainless steel to match other fixtures.
- O. Robe Hook: Single robe hook, stainless steel with satin finish, projects 1 and 5/8 inch minimum, concealed fasteners.

## **PART 3 – EXECUTION**

### **3.01 PREPARATION**

- A. Deliver inserts, backing plate mounting kits, and rough-in-frames to Jobsite at appropriate time for incorporating all such items into the construction. Provide templates and rough-in measurements as required.
- B. Before starting work, correct any conditions detrimental to installation or operation of units.

### **3.02 INSTALLATION**

- A. Locate accessories as indicated. Provide one soap dispenser per lavatory. Provide one mop holder for each Janitor's Room service sink. Provide a minimum of one robe hook at disabled accessible height and one robe hook at conventional height at each single person toilet room.
- B. Install fixtures, accessories, and items in accordance with the manufacturer's installation instructions and recommendations. Use security type fasteners.
- C. Install true, plumb, and level, securely and rigidly anchored to backing plates, blocking, and reinforcement in the substrate construction.

TOILET AND JANITORIAL ACCESSORIES

- D. Soap dispensers shall be located directly over lavatories in such a manner that the nozzle discharge shall fall into the lavatory bowl.

**3.03 SCHEDULE OF TOILET ACCESSORIES**

- A. Refer to the Contract Specifications and Drawings for scheduled toilet and bath accessories.

**END OF SECTION 10 28 24**