

## SECTION 10 28 13

### TOILET ACCESSORIES

#### PART 1 GENERAL

##### 1.01 SUMMARY

- A. Section Includes:
  - 1. Accessories for toilet rooms, showers, and utility rooms.
  - 2. Products are Contractor Furnished, Contractor Installed (CFCI) unless otherwise noted.
  - 3. University Furnished, University Installed (UFUI) items for coordination by Contractor.
- B. Related Sections
  - 1. Section 09 22 00 - Supports for Plaster and Gypsum Board.

##### 1.02 REFERENCE STANDARDS

- A. ASTM International:
  - 1. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.
  - 2. ASTM C1036 - Standard Specification for Flat Glass.
- B. GSA CID A-A-3002 - Mirrors, Glass; U.S. General Services Administration; 1996.

##### 1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordination: :
  - 1. Coordinate the work with the placement of wall backing plates, concealed ceiling supports and reinforcement of toilet partitions to receive anchor attachments.
- B. [Preinstallation Meeting:]
- C. [Sequencing:]
- D. Scheduling: Do not install accessories until after completion of finish painting.

##### 1.04 [SUSTAINABLE CHARACTERISTICS]

- A. Section 01 35 63 - Sustainability Project Requirements: Requirements for sustainable design compliance.
- B. Materials and Resources Characteristics:
  - 1. [Recycled Content Materials: Furnish materials with maximum available recycled content including:

**SPEC NOTE** *List materials specified in this section required to have recycled content.*

a. [\_\_\_\_\_.]

- 2. [Regional Materials: Furnish materials extracted, processed, and manufactured within 500 miles of Project site.]

**SPEC NOTE** *List materials specified in this section required to be regional materials.*

a. [\_\_\_\_\_.]

##### 1.05 SUBMITTALS

- A. See Section 01 33 00 - Submittal Procedures, for submittal procedures.
- B. Product Data: Provide four copies of data on accessories describing size, finish, details of function, attachment methods.
- C. Manufacturer's Installation Instructions: Indicate special procedures and conditions requiring special attention.
- D. Shop drawings: Show location and methods of backing, installation and fastening.

#### **1.06 [SUSTAINABLE DESIGN SUBMITTALS]**

- A. Section 01 35 63 - Sustainability Project Requirements: Requirements for sustainable design submittals.
- B. Manufacturer's Certificate: Certify products meet or exceed specified sustainable design requirements.
  - 1. Materials Resources Certificates:
    - a. Certify source and origin for [salvaged] [and] [reused] products.
    - b. Certify recycled material content for recycled content products.
    - c. Certify source for regional materials and distance from Project site.
- C. Product Cost Data: Submit cost of products to verify compliance with Project sustainable design requirements. Exclude cost of labor and equipment to install products.
  - 1. Provide cost data for the following products:
    - a. [Salvage products.]
    - b. [Reused products.]
    - c. Products with recycled material content.
    - d. Regional products.

#### **1.07 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials and products in original containers with seals unbroken and labels intact until time of use. Label shall identify accessory, catalog number, and finish.
- B. Store delivered products in clean, safe, dry area.

### **PART 2 PRODUCTS**

#### **2.01 MANUFACTURERS**

- A. Toilet Accessories Manufacturers:
  - 1. Bobrick Washroom Equipment, Inc.,
  - 2. Bradley Fixtures Corp.,
  - 3. or equal.
- B. All items of each type to be made by the same manufacturer.

#### **2.02 MATERIALS**

- A. Accessories - General: Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.

- B. Keys: Provide 2 keys for each accessory to University's; master key all lockable accessories.
- C. Stainless Steel Sheet: ASTM A666, Type 304.
- D. Mirror Glass: Float glass, ASTM C1036 Type I, Class 1, Quality Q2, with silvering, copper coating, and suitable protective organic coating to copper backing in accordance with GSA CID A-A-3002.
- E. Fasteners, Screws, and Bolts: Hot dip galvanized, tamper-proof, security type.

### 2.03 FINISHES

- A. Stainless Steel: No. 4 satin brushed finish, unless otherwise noted.

### 2.04 TOILET ACCESSORIES

- A. Coat Hook (CH-1):
  - 1. Description: Surface mounted, double hook, all welded construction, concealed mounting bracket.
  - 2. Product: Bobrick Washroom Equipment, Inc., Model B-6727.
- B. Folding Shower Seat (FSS-1):
  - 1. Description: Wall-mounted surface; welded tubular seat frame, structural support members, hinges and mechanical fasteners of Type 304 stainless steel, L-shaped, Phenolic or polymeric composite one-piece seat or seat slats, ivory color.
  - 2. Product: Bobrick Washroom Equipment, Inc., Model B-5181.
- C. Grab Bars (GB-1):
  - 1. Description: 1-1/2 inch outside dimension minimum, .05 inch wall thickness, non slip gripping surface finish, concealed mounting flanges with snap flange covers, 1-1/2 inch clearance between wall and inside of grab bar.
  - 2. Product: Bobrick Washroom Equipment, Inc., Model B-68137.
- D. Grab Bars (GB-2):
  - 1. Description: Same as GB-1
  - 2. Product: Bobrick Washroom Equipment, Inc., Model B-6861.
- E. Hook Strip (HS-1):
  - 1. Description: Hook 12 gauge, each hook attached to mounting strip with two rivets.
  - 2. Product: Bobrick Washroom Equipment, Inc., Model B-232 x 36.
- F. Mirrors (M-1):
  - 1. Description: Surface mounted, stainless steel frame, 1/4 inch thick float glass mirror. Frame shall be 3/4 by 3/4 by 3/8 inch angle shape with mitered, welded and ground corners. Tamperproof hanging system. Back shall be full mirror size, minimum 0.03 inch galvanized steel sheet and non absorptive filler material.
  - 2. Product: Bobrick Washroom Equipment, Inc., Model B-290.
  - 3. Mirror Sizes:
    - a. M-1: 64 inches wide by 42 inches high.
    - b. M-2: 18 inches wide by 30 inches high.
    - c. M-3: 24 inches wide by 60 inches high.
- G. Paper Towel Dispenser:
  - 1. PTD-1 (UFUI):
    - a. Description: Surface mounted unit, large roll paper towel dispenser.

- b. Product: Kimberly Clark Professional 09990; or equal.
      2. PTD-2 (UFUI):
        - a. Description: Surface mounted unit, large capacity multifold paper towel dispenser.
        - b. Product: Kimberly Clark Professional 09906; or equal.
      3. PTD-3 (UFUI):
        - a. Description: Surface mounted unit, multifold paper towel dispenser.
        - b. Product: Kimberly Clark Professional 09214, or equal.
      4. PTD-4:
        - a. Description: Surface mounted, multifold minimum capacity 525, flange and door shall be drawn one piece, seamless construction, door secured to cabinet with a full length stainless steel piano hinge and flush tumbler lock.
        - b. Product: Bobrick Washroom Equipment, Inc., Model B-262
- H. Paper Towel Dispenser/Receptacle:
  1. PTD/R-1:
    - a. Description: Recessed unit, multifold minimum capacity 600, flange and door shall be drawn one piece, seamless construction, door secured to cabinet with a full length stainless steel piano hinge and flush tumbler lock. Removable waste container shall have hemmed top edge, interior clip for securing furnished reuseable vinyl liner, capacity 16 gallons.
    - b. Product: Bobrick Washroom Equipment, Inc., Model B-43944, Contra Series.
  2. PTD/R-2:
    - a. Description: Surface mounted, multifold minimum capacity 600, flange and door shall be drawn one piece, seamless construction, door secured to cabinet with a full length stainless steel piano hinge and flush tumbler lock. Removable waste container shall have hemmed top edge, interior clip for securing furnished reuseable vinyl liner, capacity 16 gallons.
    - b. Product: Bobrick Washroom Equipment, Inc., Model B-43949, Contra Series.
- I. Seat Cover Dispenser (SCD-1):
  1. Description: Surface mounted unit, reloading from bottom through concealed opening, capacity 250 seat covers.
  2. Product: Bobrick Washroom Equipment, Inc., Model B-4221, Contra Series.
- J. Shower Curtain Rod (SCR-1):
  1. Description: Stainless steel tube, 1-1/4 inch outside diameter, 0.05 inch wall thickness, satin-finished, with 2-1/2 inch outside diameter, minimum 0.04 inch thick satin-finished stainless steel flanges, for installation with exposed fasteners.
  2. Product: Bobrick Washroom Equipment, Inc., Model B-6047.
- K. Soap Dispenser (SD-1): (UFUI):
  1. Description: Surface mounted, plastic, top dispensed.
- L. Sanitary Napkin Receptacle (SNR-1):
  1. Description: Surface mounted unit, self closing door, locking bottom panel with full length piano type hinge, removable liner.
  2. Product: Bobrick Washroom Equipment, Inc., Model B-270, Contra Series.
- M. Stainless Steel Shelf (SSS-1):
  1. Description:
    - a. Shelf with 3/4 inch hemmed return edges, mounting brackets welded to shelf.
    - b. Size: 24 inches wide by 5 inches deep.
  2. Product: Bobrick Washroom Equipment, Inc., Model B-295 x 24- 24"w x 5"d.
- N. Stainless Steel Shelf/Mop And Broom Holder (SSS/MBH-1):
  1. Description: 0.05 inch thick stainless steel, Type 304, with 1/2 inch returned edges, 0.06

- inch steel wall brackets. Four spring-loaded rubber cam holders and three 0.06 inch stainless steel rag hooks at shelf front. Stainless steel drying rod, 1/4 inch diameter.
2. Product: Bobrick Washroom Equipment, Inc., Model B-224 x 36.
- O. Towel Bar (TB-1):
1. Description: Stainless steel Type 304, 3/4 inch square tubular bar; rectangular brackets, concealed attachment, satin finish.
  2. Product: Bobrick Washroom Equipment, Inc., Model B-6737 x 24.
- P. Toilet Paper Dispenser:
1. TPD-1 (UFUI):
    - a. Description: Surface mounted unit, coreless jumbo roll toilet paper dispenser.
    - b. Product: Kimberly Clark Professional 09602; or equal.
  2. TPD-2 (UFUI):
    - a. Description: Surface mounted unit, coreless double roll normal size toilet paper dispenser.
    - b. Product: Kimberly Clark Professional 09604; or equal.

### **PART 3 EXECUTION**

#### **3.01 EXAMINATION**

- A. Examine areas and conditions under which work of this Sections will be performed and verify that:
1. Conditions are appropriate for installation of toilet accessories.
  2. Backing not included in work of this section is correct.
  3. Surfaces are dry, clean, free from foreign matter, and otherwise proper for installation.
  4. Toilet compartments to receive accessories have been properly installed and correctly prepared.
  5. That there are no conditions detrimental to timely and proper completion of the Work.
- B. Do not start work until unsatisfactory conditions have been corrected

#### **3.02 PREPARATION**

- A. Deliver inserts and rough-in frames to site for timely installation.
- B. Provide templates and rough-in measurements as required.
- C. Confirm exact location of accessories prior to installation.

#### **3.03 INSTALLATION**

- A. Install accessories in accordance with manufacturers' instructions.
- B. Mounting Heights and Locations: As required by accessibility regulations and as indicated on Drawings.
- C. Install accessories in their proper location, firmly anchored into position, level and plumb.
- D. Attach accessories securely with concealed fastenings unless otherwise noted; ensure true alignment.
- E. Adjust accessories as required for correct operation.

- F. Installed grab bars shall withstand a minimum load or stress of 250 pounds point load applied at any point.

**END OF SECTION**