

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

**PART 1 GENERAL**

**1.1 STIPULATIONS**

- A. The specifications sections "General Conditions to the Construction Contract", "Special Conditions" and "Division 01 - General Requirements" form a part of this Section by this reference thereto, and shall have the same force and effect as if printed herewith in full.

**1.2 SECTION INCLUDES**

- A. Institutional ligature-resistant toilet accessories.

**1.3 RELATED REQUIREMENTS**

- A. Section 06 10 00 - Rough Carpentry: Wood blocking.
- B. Section 10 21 13.17 - Phenolic Toilet Compartments.

**1.4 REFERENCE STANDARDS**

- A. ICC A117.1 - Accessible and Usable Buildings and Facilities 2017.

**1.5 ADMINISTRATIVE REQUIREMENTS**

- A. Coordinate the work with the placement of internal wall reinforcement, concealed ceiling supports, and reinforcement of toilet partitions to receive anchor attachments.

**1.6 SUBMITTALS**

- A. Product Data: Submit data on accessories describing size, finish, details of function, and attachment methods.
- B. Manufacturer's Installation Instructions: Indicate special procedures and conditions requiring special attention.

**1.7 PRE-INSTALLATION MEETING**

- A. Contractor shall utilize the Pre-Installation Meeting Agenda and Pre-Installation Meeting Checklist documents located in e-Builder, Z - Standard Documentation & Training project: Documents \ 03 - Construction - Training and Guidance Documents \ 03 - Role Based Training and Guidance Documents \ Contractors.

**PART 2 PRODUCTS**

**2.1 MANUFACTURERS**

- A. Institutional Security and Ligature-Resistant Toilet and Bath Accessories:

**2.2 SUBSTITUTIONS**

- A. Design is based on the use of products of the manufacturer(s) indicated on the "Toilet and Bath Accessories Schedule" on the Drawings. The catalog numbers of these manufacturer(s) are given as an indication of the quality, function, materials, workmanship, and style required. The

schedule indicates which accessories may be substituted with a different manufacturer, with the approval of the Architect.

## **2.3 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. Fasteners, Screws, and Bolts: Hot dip galvanized; tamper-proof.
  - 1. Provide anchors and fasteners capable of developing a retaining force commensurate with the strength of the accessory to be mounted, and well suited for use with the supporting construction. Where exposed fasteners are permitted, provide oval head fasteners with finish matching the accessory.

## **2.4 FINISHES**

- A. Stainless Steel: Satin finish, unless otherwise noted.

## **2.5 INSTITUTIONAL SECURITY AND LIGATURE-RESISTANT TOILET AND BATH ACCESSORIES**

- A. Toilet Tissue Dispenser: Provided by Facility, NIC.
- B. Paper Towel Dispenser: Provided by Facility, NIC.
- C. Mirrors: Stainless steel framed, Architectural #8 finish on stainless steel mirror; Exposed front mount.
  - 1. Framed Size: 18 inches by 24 inches.
  - 2. Frame: White powder coated stainless steel with mitered beveled edges and welded and ground corners, and tamperproof hanging system; Square corners.
  - 3. Products:
    - a. Behavioral Safety ([www.besafeprod.com](http://www.besafeprod.com)); FM760 Ligature Resistant Framed Mirror.
    - b. Substitutions: Or approved equal by the Professional.
- D. Grab Bars: Extruded 6063-T5 aluminum alloy, smooth surface.
  - 1. Standard Duty Grab Bars:
    - a. Push/Pull Point Load: 250 pound-force, minimum.
    - b. Dimensions: 1-1/2 inch outside diameter, minimum 1/4 inch wall thickness, 1-1/2 inch clearance between wall and inside of grab bar; integral mounting flange and self-draining end caps to prevent ligature. Install grab bar with tamper-resistant screws through holes drilled by installer through mounting flange.
    - c. Finish: Clear anodized.
    - d. Length and Configuration: As indicated on drawings.

- e. Products:
  - 1) Northwest Specialty Hardware, Inc. ([www.northwestsh.com](http://www.northwestsh.com)); NW SecurityBar.
  - 2) Substitutions: Or approved equal by the Professional.
- E. Recessed Soap Dish: Satin finish stainless steel, recessed with beveled wall flange and raised dimples in soap cavity. Front mount recessed.
  - 1. Products:
    - a. SecuringHospitals (a division of Weizel Security) ([www.securingshospitals.com](http://www.securingshospitals.com)); 816S13 SR Recessed Soap Dish.
    - b. Substitutions: Or approved equal by the Professional.
- F. Clothes/Towel Hook: Half-moon shape, sloped faces.
  - 1. Finish: Matte white-powder-coated, aircraft-grade aluminum.
  - 2. Products:
    - a. Behavioral Safety ([www.besafeprod.com](http://www.besafeprod.com)); TH770 Ligature Resistant Towel Hook.
    - b. Substitutions: Or approved equal by the Professional.
- G. Auto-Release Multi Hook Clothes Hook Panel with Bookshelf: Satin finish stainless steel; rectangular-shaped bracket with beveled edges. Install with tamper-resistant screws.
  - 1. Auto-release Pins: Tested to hold a minimum of 20 pounds and release at 40 pounds or greater.
  - 2. Bookshelf: 14 gauge Type 304 stainless steel; sloped side panels, welded to bracket; 9 inches deep.
  - 3. Products:
    - a. Norix ([www.norix.com](http://www.norix.com)); S565-545 Ball Clothes Hooks
    - b. Substitutions: Or approved equal by the Professional.
  - 4. Location: (1) per Resident Bedroom.

## **PART 3 EXECUTION**

### **3.1 COORDINATION**

- A. Throughout construction of substrate surfaces, use all means necessary to ensure proper and adequate provision for concealed support devices and for finished openings to receive the Work of this Section.

### **3.2 EXAMINATION**

- A. Verify existing conditions before starting work.

- B. Verify exact location of accessories for installation.
- C. See Section 06 10 00 - Rough Carpentry for installation of blocking in walls.
- D. Correct conditions detrimental to proper and timely completion of the Work. Do not proceed until unsatisfactory conditions have been completed.

### **3.3 PREPARATION**

- A. Deliver inserts and rough-in frames to site for timely installation.
- B. Provide templates and rough-in measurements as required.

### **3.4 INSTALLATION**

- A. Install accessories in accordance with manufacturers' instructions in locations indicated on drawings.
- B. Install plumb and level, securely and rigidly anchored to substrate.
- C. Install with non-corrosive, tamper-resistant anchoring devices.
- D. Fit flanges of accessories snugly to wall surfaces.
- E. Mounting Heights: As indicated on Drawings.

### **3.5 ADJUSTING**

- A. Adjust accessories for proper operation. Test mechanisms, hinges, locks and latches and where necessary adjust and lubricate.

### **3.6 CLEANING**

- A. Clean exposed surfaces prior to final inspection.

### **3.7 PROTECTION**

- A. Protect installed accessories from damage due to subsequent construction operations.
- B. Upon completion of the Work, or when directed by Architect, remove all traces of protective coatings or paper.

**END OF SECTION**