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**SECTION 10 28 10**  
**DETENTION TOILET ACCESSORIES****PART 1 GENERAL****1.1 SUMMARY**

- A. Section Includes:
  - 1. Miscellaneous toilet accessories.
  - 2. Grab bars.

**1.2 PREINSTALLATION MEETINGS**

- A. Preinstallation Conference: Conduct conference at Project site.

**1.3 ACTION SUBMITTALS**

- A. Product Data: For each type of product.
- B. Samples: For each type of detention toilet accessory indicated.
- C. Product Schedule: Indicate types, quantities, sizes, and installation locations by room of each accessory required.

**1.4 INFORMATIONAL SUBMITTALS**

- A. Field quality-control certification signed by Contractor.

**1.5 MAINTENANCE MATERIAL SUBMITTALS**

- A. Security Fasteners: Furnish not less than 1 box for each 50 boxes or fraction thereof, of each type and size of security fastener installed.
- B. Tools: Provide two sets of tools for installing and removing security fasteners.

**1.6 WARRANTY**

- A. Special Warranty: Manufacturer agrees to repair or replace detention toilet accessories that fail in materials or workmanship within specified warranty period.
  - 1. Warranty Period: Two years from date of Substantial Completion.

**PART 2 PRODUCTS****2.1 MANUFACTURERS**

- A. Basis-of-Design Manufacturer: Subject to compliance with requirements, provide products specified by model number manufactured by Bradley Corporation; [www.bradleycorp.com](http://www.bradleycorp.com), or comparable product by one of the following:
  - 1. American Specialties, Inc.
  - 2. Bobrick Washroom Equipment, Inc.

**2.2 WASHROOM ACCESSORIES**

- A. Toilet Tissue Dispenser - T17:
    - 1. Model: SA12.
    - 2. Mounting: Recessed.
    - 3. Material: Stainless steel, 14 gauge thick with satin finish.
    - 4. Size: 5-3/4 inches deep x 4-1/4 inches in diameter.
  - B. Grab Bars with Closure Plates - T15:
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1. Model: SA70 Series - SA70-001420.
  2. Mounting: Minimum 3" diameter 11 gauge stainless steel flanges with tamper proof fasteners.
  3. Material: Stainless steel, 18 gauge thick, smooth, No. 4 finish.
  4. Outside Diameter: 1 1/2 inches.
  5. Configuration and Length: Straight, horizontal 42 inch length.
- C. Grab Bars with Closure Plates - T16:
1. Model: SA70 Series - SA70-001180.
  2. Mounting: Minimum 3" diameter 11 gauge stainless steel flanges with tamper proof fasteners.
  3. Material: Stainless steel, 18 gauge thick, smooth, No. 4 finish.
  4. Outside Diameter: 1 1/2 inches.
  5. Configuration and Length: Straight, vertical 18 inch length.

### **2.3 FABRICATION**

- A. Coordinate dimensions and attachment methods of detention toilet accessories with those of adjoining construction to produce integrated assemblies with closely fitting joints and with edges and surfaces aligned unless otherwise indicated.
- B. Shear and punch metals cleanly and accurately. Remove burrs.
- C. Form edges and corners to be free of sharp edges and rough areas. Fold back exposed edges of unsupported sheet metal to form a 1/2-inch- wide hem on the concealed side, or ease edges to a radius of approximately 1/32 inch and support with concealed stiffeners.
- D. Form metal in maximum lengths to minimize joints. Form bent-metal corners to smallest radius possible without causing grain separation or otherwise impairing work.
- E. Weld corners and seams continuously to comply with referenced AWS standard.
- F. Provide for anchorage of type indicated; coordinate with supporting structure. Fabricate and space anchoring devices to secure detention toilet accessories rigidly in place and to support expected loads.
- G. Cut, reinforce, drill, and tap detention toilet accessories to receive hardware, security fasteners, and similar items.
- H. Form exposed work true to line and level with accurate angles and surfaces. Grind off and ease edges unless otherwise indicated.
- I. Form exposed connections with hairline joints, flush and smooth, using concealed fasteners where possible.

### **2.4 SECURITY FASTENERS**

- A. Operable only by tools produced by fastener manufacturer or other licensed fabricator for use on specific type of fastener.

### **2.5 SECURITY SEALANTS**

- A. Epoxy Security Sealants: See Section 07 92 00 "Joint Sealants."

## **PART 3 EXECUTION**

### **3.1 EXAMINATION**

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of detention toilet accessories.
- B. Inspect built-in and cast-in anchor installations before installing detention toilet accessories to verify that anchor installations comply with requirements. Prepare inspection reports.

**3.2 INSTALLATION**

- A. Fastening to In-Place Construction: Provide anchorage devices and fasteners where necessary for securing detention toilet accessories to in-place construction. Include threaded fasteners for inserts, security fasteners, and other connectors.
- B. Apply polyurethane security sealant around perimeter in a continuous ribbon on back of detention toilet accessories after installation.
- C. Security Fasteners: Install detention toilet accessories using security fasteners with head style appropriate for installation requirements, strength, and finish of adjacent materials. Provide stainless-steel security fasteners in stainless-steel materials.

**3.3 FIELD QUALITY CONTROL**

- A. Inspect installed products to verify compliance with requirements. Prepare inspection reports and indicate compliance with and deviations from the Contract Documents.
- B. Prepare field quality-control certification that states installed products and their installation comply with requirements in the Contract Documents.

**END OF SECTION 10 28 10**