



## **SECTION 10 28 00 – TOILET ACCESSORIES**

### **PART 1 - GENERAL**

#### **1.1 SUMMARY**

- A. Section Includes:
  - 1. Public-use washroom accessories
  - 2. Warm-air dryers
  - 3. Childcare accessories
  - 4. Under lavatory guards

#### **1.2 SUBMITTALS**

- A. Product Data: For each type of product indicated, include the following:
  - 1. Construction details and dimensions.
  - 2. Anchoring and mounting requirements, including requirements for cutouts in other work and substrate preparation.
  - 3. Material and finish descriptions.
  - 4. Features that will be included for Project.
  - 5. Manufacturer's warranty.
- B. Samples: Full size, for each accessory item to verify design, operation, and finish requirements.
- C. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required.
- D. Warranty: Sample of special warranty.
- E. Maintenance Data: For toilet and bath accessories to include in maintenance manuals.

#### **1.3 QUALITY ASSURANCE**

- A. Source Limitations: For products listed together in the same Part 2 articles, obtain products from single source from single manufacturer.
- B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.



## 1.4 COORDINATION

- A. Coordinate accessory locations with other work to prevent interference with clearances required for access by people with disabilities, and for proper installation, adjustment, operation, cleaning, and servicing of accessories.
- B. Deliver inserts and anchoring devices set into concrete or masonry as required to prevent delaying the Work.

**NOTE:** Indicate all accessories on drawings with an accessory schedule. All accessories shall be recessed or semi-recessed. Verify wall thickness for all recessed accessories.

## 1.5 WARRANTY

- A. Special Mirror Warranty: Manufacturer's standard form in which manufacturer agrees to replace mirrors that develop visible silver spoilage defects and that fail in materials or workmanship within specified warranty period.
  - 1. Warranty Period: 10 years from date of Substantial Completion.

## PART 2 - PRODUCTS

### 2.1 MATERIALS

- A. Stainless Steel: ASTM A666, Type 304, 0.031-inch minimum nominal thickness unless otherwise indicated.
- B. Brass: ASTM B19, flat products; ASTM B16/B16M, rods, shapes, forgings, and flat products with finished edges; or ASTM B 30, castings.
- C. Steel Sheet: ASTM A1008/A1008M, Designation CS (cold rolled, commercial steel), 0.036-inch minimum nominal thickness.
- D. Galvanized-Steel Sheet: ASTM A653/A653M, with G60 hot-dip zinc coating.
- E. Galvanized-Steel Mounting Devices: ASTM A153/A153M, hot-dip galvanized after fabrication.
- F. Fasteners: Screws, bolts, and other devices of same material as accessory unit and tamper-and-theft resistant where exposed, and of galvanized steel where concealed.
- G. Chrome Plating: ASTM B456, Service Condition Number SC 2 (moderate service).
- H. Mirrors: ASTM C1503, Mirror Glazing Quality, clear-glass mirrors, nominal 6.0 mm thick.
- I. ABS Plastic: Acrylonitrile-butadiene-styrene resin formulation.



## 2.2 PUBLIC-USE WASHROOM ACCESSORIES

- A. Basis-of-Design Product: Subject to LAWA approval, provide and indicate on the drawings the following products:
1. **Bobrick Washroom Equipment, Inc.**
  2. **Bradley Corporation**
  3. **Koala Bear Kare**
  4. **Toto USA, Inc.**
- B. Toilet Tissue (Jumbo-Roll) Dispenser:
1. **Basis-of-Design Product: Bobrick 2892.**
  2. Description: Stainless Steel Twin – Jumbo Roll Toilet tissue dispenser.
  3. Material and Finish: Stainless steel, No. 4 finish (satin).
- C. Paper Towel Dispenser:
1. **Basis-of-Design Product: Bobrick 29744**
  2. Mounting: Semi Recessed.
  3. Material and Finish: Stainless steel, No. 4 finish (satin).
  4. Power Supply: Bobrick AC External Adapter (6V) 3974-55
- D. Recessed Paper Towel Dispenser and Waste Receptacle:
1. **Basis-of-Design Product: Bobrick 3974**
  2. Mounting: Semi Recessed.
  3. Material and Finish: Stainless steel, No. 4 finish (satin).
  4. Power Supply: Bobrick AC External Adapter (6V) 3974-55
- E. Recessed Waste Receptacle:
1. **Basis-of-Design Product: Bobrick B-3644.**
  2. Mounting: Recessed.
  3. Material and Finish: Stainless steel.
- F. Semi Recessed Waste Receptacle:
1. **Basis-of-Design Product: Bradley 334-10**
  2. Mounting: Semi Recessed.
  3. Material and Finish: Stainless steel.
- G. Waste Receptacle Large Capacity, Stand Alone:
1. **Basis-of-Design Product: Bobrick B-2280**



2. Mounting: Stand Alone.
3. Material and Finish: Stainless steel.

H. Liquid-Soap Dispenser:

1. **Basis-of-Design Product: Bobrick B-830.**
2. Description: Sureflo Soap Dispensing System.

**NOTE:** Clear vinyl tubing with a 3/8" inside dimension is required to connect the Bobrick Sureflo liquid soap reservoir to the Lovair wall mounted soap dispensers. Install zinc plated adjustable hose clamp at each t-barb tubing connection. No exceptions.

I. Grab Bar (corner):

1. **Basis-of-Design Product: Bobrick B-68137.**
2. Mounting: Flanges with concealed fasteners.
3. Material: Stainless steel, 0.05 inch thick.
4. Outside Diameter: 1-1/4 inches.
5. Configuration and Length: Corner, 36" x 54".

J. Grab Bar (straight):

1. **Basis-of-Design Product: Bobrick B-6806 x 36.**
2. Mounting: Flanges with concealed fasteners.
3. Material: Stainless steel, 0.05 inch thick.
4. Outside Diameter: 1-1/4 inches.
5. Configuration and Length: Straight Bar – 36" long.

K. Vendor:

1. **Basis-of-Design Product: Bobrick B-2706 25.**
2. Type: Sanitary napkin and tampon.
3. Mounting: Fully recessed.
4. Exposed Material and Finish: Stainless steel, No. 4 finish (satin).

L. Vendor (alternate):

1. **Basis-of-Design Product: Bobrick B-3706 25.**
2. Type: Sanitary napkin and tampon.
3. Mounting: Fully recessed.
4. Exposed Material and Finish: Stainless steel, No. 4 finish (satin).

M. Seat-Cover Dispenser:



1. **Basis-of-Design Product: Bobrick B – 4221, Contura Series**
  2. Mounting: Surface mounted.
  3. Exposed Material and Finish: Stainless steel, No. 4 finish (satin).
- N. Seat-Cover Dispenser (alternate):
1. **Basis-of-Design Product: Bobrick B – 221, Classic Series**
  2. Mounting: Surface Mounted
  3. Exposed Material and Finish: Stainless steel, No. 4 finish (satin).
- O. Mirror Unit:
1. **Basis-of-Design Product: Bobrick B-290.**
  2. Mounting: Mechanical adhered. Bottom of mirror frame will be 1” - 2” above backsplash or horizontal surface to limit water accumulation and desilvering.
  3. Frame: Stainless-steel angle.
- P. Air Freshener:
1. **Basis-of-Design Product: Technical Concepts – Model no. 401375.**
  2. Description: Automatic Air Freshener.

## 2.3 WARM-AIR DRYERS

- A. Hand Dryer:
1. **Basis-of-Design Product: Toto USA ‘Clean Dry’ HDR110#SS (LAWA Standard)**
  2. Mounting: Recessed.
  3. Exposed Material and Finish: Stainless steel

## 2.4 CHILDCARE ACCESSORIES

- A. Diaper-Changing Station:
1. **Basis-of-Design Product: Koala Bear Kare – KB110SSRE.**
  2. Description: Horizontal unit that opens by folding down from stored position and with child-protection strap.
  3. Mounting: Recessed.
  4. Operation: concealed pneumatic cylinder with hinge structure.
  5. Material and Finish: Stainless steel, No. 4 finish (satin), exterior shell with high density grey polyethylene interior.



## 2.5 UNDER LAVATORY GUARDS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:
  - 1. **Plumberex Specialty Products, Inc.**
  - 2. **Truebro by IPS Corporation.**
- B. Underlavatory Guard:
  - 1. **Basis-of-Design Product: Truebro Lav Guard 2 E-Z.**
  - 2. Description: Insulating pipe covering for supply and drain piping assemblies that prevent direct contact with and burns from piping; allow service access without removing coverings.
  - 3. Material and Finish: Antimicrobial, molded plastic, white.

## 2.6 CUSTODIAL ACCESSORIES (Not Used)

## 2.7 FABRICATION

- A. General: Fabricate units with tight seams and joints, and exposed edges rolled. Hang doors and access panels with full-length, continuous hinges. Equip units for concealed anchorage and with corrosion-resistant backing plates.
- B. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. The total number of keys for each accessory shall be determined by LAWA.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.
- B. Grab Bars: Install to withstand a downward load of at least 250 lbf, when tested according to ASTM F446.

### 3.2 ADJUSTING AND CLEANING

- A. Adjust accessories for unencumbered, smooth operation. Replace damaged or defective items.
- B. Remove temporary labels and protective coatings.
- C. Clean and polish exposed surfaces according to manufacturer's written recommendations.

END OF SECTION 10 28 00