

## SECTION 102801- BATH ACCESSORIES

### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

- A. Grab bars.
- B. Shower rods.
- C. Towel bars and holders.
- D. Toilet paper holders.
- E. Toilet room accessories.

#### 1.2 RELATED SECTIONS

- A. Section 088300 - Mirrors: Large unframed float glass mirrors adhered to substrates.

#### 1.3 REFERENCES

- A. ASTM A 269 - Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service; 2001.
- B. ASTM A 653/A 653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2001a.
- C. ASTM A 666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2000.
- D. ASTM B 135 - Standard Specification for Seamless Brass Tube; 2000.
- E. ASTM B 135M - Standard Specification for Seamless Brass Tube (Metric); 2000.
- F. ASTM C 1036 - Standard Specification for Flat Glass; 2001.
- G. ASTM F 446 - Standard Consumer Safety Specification for Grab Bars and Accessories Installed in the Bathing Area; 1985 (Reapproved 1999).
- H. GSA CID A-A-3002 - Mirrors, Glass; U.S. General Services Administration; 1996.

#### 1.4 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including dimensions, finish information, details of function, and mounting details.
- B. Selection Samples: Manufacturer's standard color chips for selection of colors and finishes.
- C. Shop Drawings:
  - 1. Locate each specified unit in project.
  - 2. Indicate mounting height of each unit.

3. Include anchoring and fastening details.

#### 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Provide factory-applied strippable vinyl coating to finished surfaces; leave in place until ready for final inspection.
- B. Store products in manufacturer's unopened packaging until ready for installation.

#### 1.6 COORDINATION AND SEQUENCING

- A. Coordinate installation of bracing and backing to receive products of this section.
- B. Supply installation templates, required reinforcing, and recessed anchorage devices in timely fashion to installers of related work that will receive products of this section.

#### 1.7 WARRANTY

- A. See Section 01780 - Closeout Submittals, for additional warranty requirements.
- B. Provide manufacturer's standard replacement warranty against defects in materials and workmanship.
- C. Provide manufacturer's 15-year warranty against silver spoilage of mirrors.
- D. Provide manufacturer's standard 10-year warranty on hand dryers.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURERS

- A. Subject to compliance with requirements, manufacturers offering products that may be incorporated in the project include, but are not limited to those specified:
  1. Tubular Specialties Mfg. Inc. (TSM) – Basis of Design.

#### 2.2 MATERIALS

- A. Stainless Steel Sheet: ASTM A 666, Type 304.
- B. Stainless Steel Tubing: ASTM A 269, Type 304.
- C. Galvanized Steel Sheet: ASTM A 653/A 653M, G60/Z180 zinc coating.
- D. Brass Tubing: ASTM B 135 (ASTM B 135M), Alloy C27400 yellow brass.

#### 2.3 GRAB BARS

- A. Basic Requirements: Comply with ASTM F 446 and ADA guidelines to withstand 300 lbs (1335 N) of loading.
- B. Material: Stainless steel tubing.
  1. Diameter: 1-1/2 inch (38 mm).

2. Thickness: 18 gage; 0.049 inches (1.2 mm).
  - a. Flanges: Concealed screw type, and as follows:
  - b. Circular, 3 inch (75 mm) diameter, standard duty, tenon base plate and 0.109 inch (2.8 mm) cover flange.

C. Grab Bar Configurations and Dimensions:

1. Types: Provide multiple configurations in sizes as indicated on drawings.

2.4 SHOWER RODS

A. Stainless Steel Shower Rods:

1. Tubing Diameter: 1 inch (25 mm).
2. Tubing Thickness: 18 gage; 0.049 inch (1.2 mm).
3. Tubing Length and Configuration: Provide curved ~~corner and straight~~ shower rods in lengths as required **and indicated** to connect from wall to wall.
4. Flanges: Round, 3 inch (75 mm) diameter, concealed screws.
5. Finish: Bright.

2.5 CABINET-BASED TOILET ACCESSORIES

A. Recessed Medicine Cabinet: Size, type and construction, as selected by the Owner or Interior Designer.

1. Shelves: 4 adjustable stainless steel shelves.
2. Rough Opening Dimensions: 15-1/2 x 25-1/2 x 4 inch (394 x 648 x 102 mm).

B. Surface-Mounted Toilet Paper Dispenser: Size, type and construction, as selected by the Owner or Interior Designer.

1. Provide in locations as indicated on the drawings.

C. Towel Bar:

1. Construction: Round stainless steel tubing, 7/8 inch (22 mm) diameter, 0.035 inch (0.9 mm) thickness, with square, stainless steel snap-lock cover flanges and decorative black plastic end plugs.
2. Length: As indicated on drawings.
3. Provide in locations as indicated on the drawings.
4. Finish: Bright.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. Verify that prepared openings are sized and located in accordance with approved shop drawings. Verify that reinforcement and anchoring devices are the correct type, have been

located correctly, and have been installed properly.

- C. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### 3.2 INSTALLATION

- A. Install toilet, bath, and laundry accessories plumb and level and in full accordance with manufacturer's instructions.
- B. Locate accessories as indicated on the drawings and at heights that are in accordance with Americans with Disabilities Act.

### 3.3 CLEANING

- A. Remove manufacturer's protective vinyl covering from exposed surfaces not more than 24 hours before final inspection.
- B. Clean surfaces as required, following procedures and employing cleaning materials as recommended by accessories manufacturer.

### 3.4 PROTECTION

- A. Protect installed products from damage by subsequent construction activities, until completion of project.
- B. Field repair of damaged product finishes is prohibited. Replace products that have been damaged by subsequent construction activities.

END OF SECTION 102801