

## SECTION 108000- TOILET ACCESSORIES

### 1.01 CONTRACT REFERENCES

- A. Attention is directed to the CONTRACT AND GENERAL CONDITIONS and all Sections within DIVISION 1 - GENERAL REQUIREMENTS, which are hereby made a part of this section of the specifications.
- B. Equality of material, article, assembly or system other than those named or described in this Section shall be determined in accordance with the provisions of Article IV of the CONTRACT AND GENERAL CONDITIONS.

### 1.02 SUMMARY

- A. This Section includes the following:
  - 1. Toilet accessories.
  - 2. Under lavatory guards.
- B. Products Installed but not furnished under this Section include the following:
  - 1. Toilet tissue dispensers
  - 2. Paper towel dispensers.
  - 3. Soap dispensers
- C. Related Sections include the following:
  - 1. Division 9 Section "Ceramic Tile".

### 1.03 SUBMITTALS

- A. Product Data: Include construction details, material descriptions and thicknesses, dimensions, profiles, fastening and mounting methods, specified options, and finishes for each type of accessory specified.

### 1.04 QUALITY ASSURANCE

- A. Source Limitations: Provide products of same manufacturer for each type of accessory unit and for units exposed to view in same areas, unless otherwise approved by Architect.
- B. Product Options: Accessory requirements, including those for materials, finishes, dimensions, capacities, and performance, are established by specific products indicated in the Toilet and Bath Accessory Schedule.
  - 1. Products of other manufacturers with equal characteristics, as judged solely by Architect, may be provided.

### 1.05 COORDINATION

- A. Coordinate accessory locations with other work to prevent interference with clearances required for access by disabled persons, 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

## 1.06 WARRANTY

- A. General Warranty: Special warranty specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.
- B. Manufacturer's Mirror Warranty; Written warranty, executed by mirror manufacturer agreeing to re place mirrors that develop visible silver spoilage defects within minimum warranty period indicated.
  - 1. Minimum Warranty Period: 15 years from date of Substantial Completion,

## PART 2- PRODUCTS

### 2.01 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering accessories that may be incorporated into the Work include, but are not limited to, the following:
  - 1. Toilet Accessories:
    - a. A & J Washroom Accessories, Inc.
    - b. American Specialties, Inc.
    - c. Bobrick Washroom Equipment, Inc.
    - d. Bradley Corporation.
    - e. General Accessory Manufacturing Co. (GAMCO).
    - f. McKinney/Parker Washroom Accessories Corp.
  - 2. Underlavatory Guards:
    - a. Brocar Products, Inc.
    - b. Truebro, Inc.
- B. Available Products: Subject to compliance with requirements, products are indicated in the Toilet and Bath Accessory Schedule at the end of Part 3.

### 2.02 MATERIALS

- A. Stainless Steel: ASTM A 666, Type 304, with No.4 finish (satin), in 0.03 12-inch minimum nominal thick ness, unless otherwise indicated.
- B. Sheet Steel: ASTM A 366/A 36GM, cold rolled, commercial quality, 0,0359-inch minimum nominal thick ness; surface preparation and metal pretreatment as required for applied finish.
- C. Galvanized Steel Sheet: ASTM A 653/A 653M, G60.
  - D Chromium Plating: ASTM B 456, Service Condition Number SC 2 (moderate service), nickel plus chromium electrodeposited on base metal.
- E. Mirror Glass: ASTM C 1036, Type I, Class I, Quality q2, nominal 6.0 mm thick, with silvering, electro plated copper coating, and protective organic coating complying with FS DD-M-4 II.
- F. Galvanized Steel Mounting Devices: ASTM A 153/A I 53M, hot-dip galvanized after fabrication,
- G. Fasteners: Screws, bolts, and other devices of same material as accessory unit, tamper and theft resistant when exposed, and of galvanized steel when concealed.

### 2.03 FABRICATION

- A. General: One, maximum 1- diameter, unobtrusive stamped manufacturer logo, as approved by Architect, is permitted on exposed face of accessories. On interior surface not exposed to view or back surface of each accessory, provide printed, waterproof label or stamped nameplate indicating manufacturer's name and product model number.
- B. Surface-Mounted Toilet Accessories: Unless otherwise indicated, fabricate units with tight seams and joints, and exposed edges rolled. Hang doors and access panels with continuous stainless-steel hinge. Provide concealed anchorage where possible.
- C. Recessed Toilet Accessories: Unless otherwise indicated, fabricate units of all-welded construction, without mitered corners. Hang doors and access panels with full-length, stainless-steel hinge. Provide anchorage that is fully concealed when unit is closed.
- D. Framed Glass-Mirror Units: Fabricate frames for glass-mirror units to accommodate glass edge protection material. Provide mirror backing and support system that permits rigid, tamper-resistant glass installation and prevents moisture accumulation.
  - 1. Provide galvanized steel backing sheet, not less than 0.034 inch and full mirror size, with nonabsorptive filler material. Corrugated cardboard is not an acceptable filler material.
- E. Mirror-Unit Hangers: Provide mirror-unit mounting system that permits rigid, tamper- and theft- resistant installation, as follows:
  - 1 One-piece, galvanized steel, wall-hanger device with spring-action locking mechanism to hold mirror unit in position with no exposed screws or bolts.
  - 2. Heavy wall brackets of galvanized steel, equipped with concealed locking devices requiring a special tool to remove.
- F. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. Provide minimum of six keys to Owner's representative.

## PART 3- EXECUTION

### 3.01 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. Secure to walls in concealed, tamper-resistant manner with special hangers, toggle bolts, or screws. Set units level, plumb, and square at locations indicated, according to manufacturer's written instructions for substrate indicated.
- C. Install grab bars to withstand a downward load of at least 250 lbf, when tested according to method in ASTM F 446.
- D. Install items furnished by Owner at field approved locations.

### 3.02 ADJUSTING AND CLEANING

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

### 3.03 TOILET ACCESSORY SCHEDULE

- A. Toilet Tissue Dispensers: Surface mount Install only. Furnished by Owner.

1. Locate on side wall closest to water closet Set centerline of roll at minimum of 24 inches above floor.
- B. Paper Towel Dispenser: Double roll unit. Surface mount. Install only. Furnished by Owner.
  1. Locate on wall as indicated so that dispenser meets ADA height requirements.
- C. Soap Dispenser: Surface mount. Install only. Furnished by Owner.
  1. Locate on wall as indicated so that dispenser meets ADA height requirements.
- D. Grab Bar: Provide stainless-steel grab bar complying with the following:
  1. Length: As shown.
  2. Stainless-Steel Nominal Thickness: Minimum 0.05 inch.
  3. Mounting: Concealed with manufacturer's standard flanges and anchors
  4. Gripping Surfaces: Manufacturer's standard slip-resistant texture
  5. Outside Diameter: 1-1/4 inches for medium-duty applications
- E. Shelf Unit Provide shelf unit in each toilet complying with the following:
  1. Fold-Down Shelf: Fold-down hinged unit of chrome-plated cast-zinc alloy.(zamac) with stippled finish on tray and bright chrome finish on edges, approximately 15 inches long by 5- inches wide, and with spring-loaded shelf that automatically returns to vertical position.
- F. Framed Mirrors: Provide mirror unit complying with the following:
  1. Stainless-Steel, Channel-Framed Mirror: Fabricate frame from stainless-steel channels in manufacturer's standard satin or bright finish with square corners mitered to hairline joints and mechanically interlocked, size as per drawings
- G. Underlavatory Guard: Provide underlavatory guards at each lavatory complying with the following:
  1. Lavatory protective enclosure: White, antimicrobial, molded-vinyl one piece tapered under lavatory guard, completely enclosing supply and drain piping, Intended for use at accessible lavatories to prevent direct contact with and burns from piping. Provide components as required for applications indicated, single piece with easily removable fasteners for access to plumbing.

END OF SECTION 10800