

Rev. 8/26/19

10 2800 – Toilet, Bath, and Laundry Accessories

PART 1. GENERAL

1.01 This Section includes:

A. Toilet room accessories:

1. Grab bars
2. Metal framed mirrors
3. Sanitary vending unit
4. Sanitary disposal units
5. Toilet tissue dispenser
6. Paper towel dispenser
7. Electric hand dryer
8. Towel bars
9. Folding shower seat
10. Shower curtain rods
11. Shower curtain hooks
12. Shower curtains
13. Liquid soap dispenser

1.02 Submittals

A. It is preferred that all submittals to be submitted electronically in PDF format.

B. 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.

C. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required.

1. Identify products using designations indicated.

D. Maintenance Data: For toilet and bath accessories to include in maintenance manuals.

E. Warranty: Sample of special warranty.

1.03 Quality Assurance

- A. Insert and Anchorages: Furnish inserts and anchoring devices which will be surface mounted or recessed in metal stud wall with ceramic tile for the installation of toilet accessories. See Section 04 2000 for installation of masonry inserts and anchoring devices. Coordinate delivery with other work to avoid delay.
- B. Products:
 - 1. Provide products of the same manufacturer for each type of accessory unit and for units exposed in the same areas, whenever possible.
 - 2. Stamped names or labels on exposed faces of units will not be permitted.
 - 3. Provide locks where indicated, with the same keying for each type of accessory units, in the project, wherever possible. Furnish two keys for each lock.
 - 4. Comply with all features of model numbers specified.
- C. Regulatory Requirements: Products and finished installations to be used by handicapped persons must comply with requirements of Americans with Disabilities Act effective July 26, 1991 and Illinois Accessibility Code effective April 24, 1997.

PART 2. PRODUCTS

2.01 Materials

- A. Stainless Steel: AISI, Type 302/304, with satin finish, unless otherwise indicated in the specifications.
 - 1. Sheet: ASTM A167, Type 304.
 - 2. Tubing: ASTM A269.
- B. Sheet Steel: Cold rolled, commercial quality, ASTM A366. Surface preparation and metal pre-treatment as required for applied finish.
- C. Galvanized Steel Sheet: ASTM A527, G60.
- D. Chromium Plating: Nickel and chromium electro-deposited on metal, ASTM B456, Type SC2.
- E. Galvanized Steel Mounting Devices: ASTM A386, hot-dip galvanized after fabrication.
- F. Exposed Security Fasteners:
 - 1. Provide spanner head tamperproof security fasteners for anchoring work in exposed security areas.
 - 2. Finish shall match that specified of the item anchored.
 - 3. Provide tools for fastening devices.

2.02 Grab Bars

A. Stainless steel grab bars: Provide stainless steel grab bars as follows:

1. Mounting: Concealed mounting plate with escutcheon and vandal-proof set screws. Provide appropriate anchorage devices for wall materials as required.
2. Non-Slip Gripping Surfaces: Peened, knurled or striated; manufacturer's standard.
3. Size: 1-1/2" o.d., with wall thickness not less than 0.049" (18 ga.).
4. Configuration: As shown in drawings.

B. Acceptable Product/Manufacturer:

1. 12", 18", 24", 36", 42" (Where XX indicates specific length)
 - a). 3800xXX/ASI
 - b). B-6806xXX/Bohrick
 - c). 8122-001XX/Bradley

2.03 Mirrors

A. General:

1. Mirror Glass: 1/4" thick float or plate glass, conforming to FS DD-M-411b, with silvering, copper coating, and protective organic coating complying with FS DD-M-411. Provide 15 years minimum guarantee against silver spoilage.
2. Backing:
 - a). Resilient, non-absorbent filler material, with not less than 20 gauge galvanized steel backing plates, one-piece construction, full height and width of mirror frame. Corrugated cardboard or other moisture-absorbent filler material is not acceptable.
 - b). Construct metal backing plate with hanger slots for concealed "tamper-proof" mounting. Provide manufacturer's standard hanger to engage with backing for concealed installation.
3. Frame: Stainless steel with polished No. 5 finish, 20 gauge minimum, with square corners welded and ground smooth.
4. Integral Shelf: 4" deep, 18 gage satin finish, stainless steel shelf welded to frame. Shelf has flanged front and sides with welded and polished corners. Locations of integral shelf as indicated on drawings
5. Location and size as indicated on Drawings.
6. Mounting Height: 40" AFF maximum to bottom edge of reflecting surface, unless noted otherwise on Drawings.

B. Acceptable Product/Manufacturer:

1. 24” x 36”
 - a). 0600/ASI
 - b). B-290/Bohrick
 - c). 780/Bradley
2. 24” x 36” with steel shelf
 - a). 0605/ASI
 - b). B-292/Bohrick
 - c). 7805/Bradley
3. 24” x 36” tilted
 - a). 0537/ASI
 - b). B-293/Bohrick
 - c). 7405/Bradley

2.04 Sanitary Vending Units.

A. General:

1. Welded construction with stainless steel satin finish, 18 gauge doors, Type 304 stainless steel with full length piano hinges secured with tumbler locks. Single coin operation. Unit shall combine two dispensing mechanisms; one for sanitary napkins, the other for tampons. Units shall have no brand name advertising for products dispensed.
2. Location: Locate in Women's Toilet rooms as indicated on Drawings.
3. Mounting Height: Locate controls at 44” AFF maximum, unless noted otherwise on Drawings.
4. Installation: Semi-Recessed

B. Acceptable Product/Manufacturer:

1. 0464/ASI
2. B-352 25/Bohrick
3. 401/Bradley

2.05 Sanitary Disposal Units

A. General:

1. Welded construction with 22 gauge, Type 304 satin stainless steel finish. Flange is one piece seamless construction. Disposal door shall be secured to cabinet with full-length piano hinge.
2. Location: Locate in Women's Toilet rooms as indicated on Drawings.

3. Mounting Height: 28” AFF to top for Surface Mounted and Recessed models, 34” AFF to top for Partition Mounted (Shared) models, unless noted otherwise on Drawings.

B. Acceptable Product/Manufacturer:

1. Surface Mounted:

- a). 0852/ASI
- b). B-270/Bohrick
- c). 4781-15/Bradley

2.06 Toilet Tissue Dispensers

A. General:

1. Location: Provide at each water closet.
2. Mounting Height: 28” AFF to top, 30" from back wall, unless indicated otherwise on Drawings.

B. Acceptable Product/Manufacturer:

1. GP Jumbo Jr. Two Roll Bathroom Tissue Dispenser:
 - a). Georgia Pacific, GP #59209

2.07 Paper Towel Dispenser

A. General:

1. Location: As indicated on Drawings.
2. Mounting Height: 40” unless otherwise noted in Drawings

B. Acceptable Product/Manufacturer:

1. Paper Towel Dispenser
 - a). Renown #REN 05157

2.08 Electric Hand Dryer

A. General:

1. Die-cast aluminum casing with anti-microbial scuff resistant lacquer coating on exterior surfaces
2. Color finish: Metallic silver, gloss lacquer
3. Anti-microbially integrated external plastics and seals

4. Pressed anti-rust steel backplate
5. Tamper-proof T30 type exterior screws
6. Water ingress protection to IPX5
7. Electrical supply: 110-120 V AC, single phase 60 Hz, Rated power: 1400 W, 12.0A
8. Coordinate installation and electrical requirements with electrical contractor.
9. Location: Provide one electric hand dryer for each toilet room as shown on the Drawings.
10. Mounting Height: 34.25” AFF to top of machine, unless noted otherwise on Drawings

B. Acceptable Product/Manufacturer:

1. Dyson/Airblade
2. American Specialties, Inc.
3. Bobrick Washroom Equipment, Inc.
4. Bradley Corporation

C. Operation

1. Operation: Electronic-sensor activated with timed power cut-off switch.
 - a). Operating time: 30 to 40 seconds

2.09 Towel Bar

A. General:

1. Surface mounted towel bar shall be fabricated from Type 304, heavy gauge, No. 5 bright polished finish stainless steel; with nominal 2" x 2" escutcheons to conceal mounting fasteners.
2. Units shall be 3/4" square towel bar, 24" long, or as otherwise indicated on the drawings. Locate towel bars as indicated on Drawings.
3. Mounting Height: 48” AFF maximum to top of bar, unless noted otherwise on Drawings

B. Acceptable Product/Manufacturer: (Numbers listed are for polished finish)

1. 7360/ASI
2. B-673/Bobrick
3. 9055/Bradley

2.10 Folding Shower Seat

A. General:

1. L-shaped, right-hand and left-hand seat, of 5/16” thick (min) solid phenolic or blowmolded polyethylene, or Type 304 stainless steel. See Drawings for handing.
2. Frame and mounting brackets to be of Type 304 stainless steel, with self-locking mechanism, and suitable for wall mounting.
3. Location: As indicated on Drawings.
4. Mounting Height: 18” AFF to top of seat.

B. Acceptable Product/Manufacturer:

1. 8206-R and 8206-L / ASI
2. B-517 and B-518 / Bobrick
3. 9569 and 956 / Bradley

2.11 Shower Curtain Rod

A. General:

1. Type 304 stainless steel, satin finish, 20 gage, 1" diameter rod, with concealed mounting. Length as indicated on drawings.
2. Location: Provide at each shower location as indicated on Drawings.
3. Mounting Height: 80" above finished floor, unless indicated otherwise on Drawings.

B. Acceptable Product/Manufacturer

1. 1224 / ASI
2. 2. B-207 / Bobrick
3. 3. 9538 / Bradley

2.12 Shower Curtain Hooks

A. General:

1. Shower curtain hooks, chrome finish snap hook for 1” diameter rod.
2. Quantity: Provide 1 for every 6” of shower curtain rod length, plus 1 additional hook per rod.
3. Product/manufacturer:
 - a). 1200-SHU / ASI
 - b). 204-1 / Bobrick
 - c). 9536 / Bradley

2.13 Shower Curtain

A. General:

1. Vinyl shower curtain, flame resistant, anti-bacterial, with grommets for hooks.
2. Location: Provide one at each shower rod.
3. Product/manufacturer:
 - a). 1200-V / ASI
 - b). 204-2 / Bobrick
 - c). 9533 / Bradley

2.14 Liquid Soap Dispenser

A. General:

1. Location: As indicated on Drawings.
2. Mounting Height: 46" AFF maximum to control mechanism, unless noted otherwise on Drawings

B. Acceptable Product/Manufacturer:

1. Spartan 9765 Lite'N Foamy Soap Dispenser, White

PART 3. EXECUTION

3.01 Inspection

- A Examine the areas and conditions under which toilet room accessories are to be installed. Notify the Architect in writing of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until satisfactory conditions have been corrected.

3.02 Inspection:

- A Use concealed fastenings wherever possible.

B Contractor shall:

1. Furnish anchors, bolts and other necessary anchorages.
2. Furnish concealed mounting devices and fasteners fabricated of the same materials as the accessories, or of galvanized steel, as recommended by manufacturer.
3. Furnish exposed mounting devices and fasteners finished to match the accessories.
4. Furnish theft-resistant fasteners for all accessory mountings.
5. Install all toilet accessories as directed or as shown on the drawings in accord with manufacturer's instructions.
6. Install plumb and level, securely and rigidly anchored to substrate.

End of Div 10 2800



This section of the NIU Design and Construction Standards establishes minimum requirements only. It should not be used as a complete specification.