

## SECTION 10 28 00 - TOILET, BATH, AND LAUNDRY ACCESSORIES

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. Section Includes:
  - 1. Public-use washroom accessories.
  - 2. Public-use shower room accessories.
  - 3. Private-use bathroom accessories.
  - 4. Warm-air dryers.
  - 5. Childcare accessories.
  - 6. Underlavatory guards.
  - 7. Custodial accessories.
- B. Owner-Furnished Material: <Insert product>.
- C. Related Sections:
  - 1. Section 09 30 00 "Tiling" for ceramic toilet and bath accessories.

#### 1.3 ACTION 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.
  - 1. Approved full-size Samples will be returned and may be used in the Work.
- C. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required.

1. Identify locations using room designations indicated.
2. Identify products using designations indicated.

#### 1.4 INFORMATIONAL SUBMITTALS

- A. Warranty: Sample of special warranty.

#### 1.5 CLOSEOUT SUBMITTALS

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

#### 1.6 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.

#### 1.7 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.

#### 1.8 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: **[15]** <Insert number> years from date of Substantial Completion.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS

- A. Stainless Steel: ASTM A 666, Type 304, **0.031-inch (0.8-mm)** minimum nominal thickness unless otherwise indicated.

- B. Brass: ASTM B 19, flat products; ASTM B 16/B 16M, rods, shapes, forgings, and flat products with finished edges; or ASTM B 30, castings.
- C. Steel Sheet: ASTM A 1008/A 1008M, Designation CS (cold rolled, commercial steel), **0.036-inch (0.9-mm)** minimum nominal thickness.
- D. Galvanized-Steel Sheet: ASTM A 653/A 653M, with **G60 (Z180)** hot-dip zinc coating.
- E. Galvanized-Steel Mounting Devices: ASTM A 153/A 153M, 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 B 456, Service Condition Number SC 2 (moderate service).
- H. Mirrors: ASTM C 1503, 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. See Editing Instruction No. 1 in the Evaluations for cautions about naming manufacturers. Retain one of first two paragraphs and list of manufacturers below. See Section 01 60 00 "Product Requirements."
- B. Manufacturers: Subject to compliance with requirements, [**provide products by one of the following**] [**available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following**]:
- C. **Basis-of-Design Product**: Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:
  - 1. [A & J Washroom Accessories, Inc.](#)
  - 2. [American Specialties, Inc.](#)
  - 3. [Bobrick Washroom Equipment, Inc.](#)
  - 4. [Bradley Corporation.](#)
  - 5. [GAMCO Specialty Accessories; a division of Bobrick Washroom Equipment, Inc.](#)
  - 6. [Tubular Specialties Manufacturing, Inc.](#)
  - 7. **<Insert manufacturer's name>**.
- D. Toilet Tissue Roll Dispenser **<Insert drawing designation>**:
  - 1. **Consult FP&C for current multi-roll toilet tissue dispenser model and specifications.**
  - 2. **Alternate** Basis-of-Design Product (upon written approval of FP&C): **<Insert manufacturer's name; product name or designation>**
  - 3. Description:
  - 4. Mounting:
  - 5. Operation:
  - 6. Capacity:

7. Material and Finish: [**Stainless steel, No. 4 finish (satin)**]
- E. Paper Towel Roll Dispenser <Insert drawing designation>:
1. **Consult FP&C for current roll paper towel dispenser model and specifications.**
  2. **Alternate** Basis-of-Design Product (upon written approval of FP&C): <Insert manufacturer's name; product name or designation>.
  3. Mounting:
  4. Minimum Capacity:
  5. Material and Finish: [**Stainless steel, No. 4 finish (satin)**]
  6. Lockset:
  7. Refill Indicators:
- F. Waste Receptacle <Insert drawing designation>:
1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
  2. Mounting: [**Open top, recessed**] [**Self-closing disposal-opening cover, recessed**] [**Semirecessed**] [**Surface mounted**] [**Wall mounted for corner installation**] [**Freestanding**] [**Undercounter**] <Insert description>.
  3. Minimum Capacity: <Insert gal. (L)>.
  4. Material and Finish: [**Stainless steel, No. 4 finish (satin)**] <Insert material and finish>.
  5. Liner: [**Reusable vinyl liner**] <Insert liner description>.
  6. Lockset: Tumbler type for waste-receptacle.
- G. Combination Towel (Folded) Dispenser/Waste Receptacle <Insert drawing designation>:
1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
  2. Description: Combination unit for dispensing C-fold or multifold towels, with removable waste receptacle.
  3. Mounting: [**Surface mounted**] [**Surface mounted with stainless-steel collar**] [**Recessed**] [**Recessed with projecting receptacle**] [**Semirecessed**].
    - a. Designed for nominal [**4-inch (100-mm)**] [**6-inch (150-mm)**] wall depth.
  4. Minimum Towel-Dispenser Capacity: [**600 C-fold or 800 multifold paper towels**] <Insert capacity>.
  5. Minimum Waste-Receptacle Capacity: [**4 gal. (15 L)**] [**12 gal. (45.4 L)**] <Insert value>.
  6. Material and Finish: [**Stainless steel, No. 4 finish (satin)**] <Insert material and finish>.
  7. Liner: [**Reusable, vinyl waste-receptacle liner**] <Insert liner description>.
  8. Lockset: Tumbler type for towel-dispenser compartment[ **and waste receptacle**].
- H. Combination Towel (Roll) Dispenser/Waste Receptacle <Insert drawing designation>:
1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
  2. Description: Combination unit for dispensing preset length of roll paper towels, with removable waste receptacle.
  3. Mounting: [**Recessed**] [**Semirecessed**] [**Surface mounted**].
  4. Minimum Towel-Dispenser Capacity: [**8-inch- (203-mm-) wide, 800-foot- (244-m-) long roll**] <Insert capacity>.

5. Minimum Waste Receptacle Capacity: [8 gal. (30 L)] [12 gal. (45.4 L)] [15 gal. (56.8 L)] <Insert value>.
  6. Material and Finish: [Stainless steel, No. 4 finish (satin)] <Insert material and finish>.
  7. Liner: [Reusable, vinyl waste-receptacle liner] <Insert liner description>.
  8. Lockset: Tumbler type for towel dispenser compartment [ and waste receptacle].
  9. Lockset: Tumbler type.
- I. Liquid-Soap Dispenser <Insert drawing designation>:
1. Consult FP&C for current liquid soap dispenser model and specifications.
  2. Alternate Basis-of-Design Product (upon written approval of FP&C): <Insert manufacturer's name; product name or designation>
  3. Description: Designed for dispensing soap in [liquid or lotion] [lather] form.
  4. Mounting:
  5. Capacity: <Insert oz. (mL)>.
  6. Materials: <Insert requirements for valve and reservoir materials and finishes>.
  7. Lockset: Tumbler type.
  8. Refill Indicator: Window type.
- J. Grab Bar <Insert drawing designation>:
1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
  2. Mounting: Flanges with [concealed] [exposed] fasteners.
  3. Material: Stainless steel, 0.05 inch (1.3 mm) thick.
    - a. Finish: Smooth, No. 4 finish (satin)[ on ends and slip-resistant texture in grip area].
  4. Outside Diameter: [1-1/4 inches (32 mm)] [1-1/2 inches (38 mm)].
  5. Configuration and Length: [As indicated on Drawings] [Straight, 36 inches (914 mm) long] <Insert configuration and length>.
- K. Vendor <Insert drawing designation>:
1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
  2. Type: [Sanitary napkin] [Sanitary napkin and tampon] [Condom].
  3. Mounting: [Fully recessed, designed for 4-inch (100-mm) wall depth] [Semirecessed] [Surface mounted].
  4. Capacity: <Insert description>.
  5. Operation: [No coin (free)] [Single coin (25 cents)] [Two coin (50 cents)] <Insert description>.
  6. Exposed Material and Finish: [Stainless steel, No. 4 finish (satin)] <Insert material and finish>.
  7. Lockset: Tumbler type with separate lock and key for coin box.
- L. Sanitary-Napkin Disposal Unit <Insert drawing designation>:
1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
  2. Mounting: [Recessed] [Partition mounted, dual access] [Surface mounted].

3. Door or Cover: Self-closing, disposal-opening cover[ **and hinged face panel with tumbler lockset**].
4. Receptacle: Removable.
5. Material and Finish: [**Stainless steel, No. 4 finish (satin)**] [**ABS plastic, gray**] <Insert material and finish>.

M. Seat-Cover Dispenser <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Mounting: [**Surface mounted**] [**Recessed**] [**Partition mounted, dual access**].
3. Minimum Capacity: [**250**] [**500**] <Insert number> seat covers.
4. Exposed Material and Finish: [**Stainless steel, No. 4 finish (satin)**] [**ABS plastic, gray**] <Insert material and finish>.
5. Lockset: Tumbler type.

N. Fold-Down Purse Shelf <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Description: Hinged unit with spring-loaded shelf that automatically returns to vertical position.
3. Nominal Size: [**15 inches (381 mm) long by 5-1/2 inches (140 mm) wide**] <Insert dimensions>.
4. Material and Finish: [**Chrome-plated, cast-zinc alloy (zamac) with stippled finish on tray or stainless steel, No. 4 finish (satin)**] [**Chrome-plated, cast-zinc alloy (zamac) with stippled finish on tray and bright chrome finish on edges**] [**Stainless steel, No. 4 finish (satin)**].

O. Mirror Unit <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Frame: [**Stainless-steel angle, 0.05 inch (1.3 mm) thick**] [**Stainless-steel channel**] [**Stainless steel, fixed tilt**] [**Stainless steel, adjustable tilt**].
  - a. Corners: [**Manufacturer's standard**] [**Mitered and mechanically interlocked**] [**Welded and ground smooth**].
3. Integral Shelf: **5 inches (127 mm)** deep.
4. Hangers: Produce rigid, tamper- and theft-resistant installation, using method indicated below.
  - a. One-piece, galvanized-steel, wall-hanger device with spring-action locking mechanism to hold mirror unit in position with no exposed screws or bolts.
  - b. Wall bracket of galvanized steel, equipped with concealed locking devices requiring a special tool to remove.
5. Size: [**As indicated on Drawings**] <Insert dimensions>.

P. Facial Tissue Dispenser <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Mounting: [Wall mounted, recessed] [Surface mounted].
3. Nominal Depth: [2-1/4 inches (57 mm)] [4 inches (102 mm)] <Insert dimension>.
4. Capacity: [150] <Insert number> double-ply tissues.
5. Material and Finish:
  - a. Dispenser Face: [Stainless steel, No. 4 finish (satin)] [Stainless steel, No. 7 finish (polished)] <Insert material and finish>.
  - b. Cabinet: [Steel with corrosion-resistant finish] <Insert material and finish>.

## 2.3 PUBLIC-USE SHOWER ROOM ACCESSORIES

- A. Manufacturers: Subject to compliance with requirements, [provide products by one of the following] [available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:
- B. **Basis-of-Design Product:** Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:
  1. [A & J Washroom Accessories, Inc.](#)
  2. [American Specialties, Inc.](#)
  3. [Bobrick Washroom Equipment, Inc.](#)
  4. [Bradley Corporation.](#)
  5. [GAMCO Specialty Accessories; a division of Bobrick Washroom Equipment, Inc.](#)
  6. [Tubular Specialties Manufacturing, Inc.](#)
  7. <Insert manufacturer's name>.
- C. Shower Curtain Rod <Insert drawing designation>:
  1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
  2. Description: [1-inch (25.4-mm) OD; fabricated from nominal 0.0375-inch- (0.95-mm-) thick stainless steel] [1-1/4-inch (32-mm) OD; fabricated from nominal 0.05-inch- (1.3-mm-) thick stainless steel].
  3. Mounting Flanges: [Stainless-steel flanges designed for exposed fasteners] <Insert requirements>.
  4. Finish: [No. 4 (satin)] <Insert finish>.
- D. Shower Curtain <Insert drawing designation>:
  1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
  2. Size: Minimum [6 inches (152 mm)] [12 inches (305 mm)] wider than opening by 72 inches (1828 mm) high.
  3. Material: [Vinyl, minimum 0.006 inch (0.15 mm) thick, opaque, matte] [Duck, minimum 8 oz. (227 g), white, 100 percent cotton] [Nylon-reinforced vinyl, minimum 10 oz. (284 g) or 0.008-inch- (0.2-mm-) thick vinyl, with integral antibacterial agent] <Insert material>.
  4. Color: [White] [Green] [As selected from manufacturer's full range] <Insert color>.
  5. Grommets: Corrosion resistant at minimum 6 inches (152 mm) o.c. through top hem.

6. Shower Curtain Hooks: Chrome-plated or stainless-steel, spring wire curtain hooks with snap fasteners, sized to accommodate specified curtain rod. Provide one hook per curtain grommet.

E. Folding Shower Seat <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Configuration: [L-shaped seat, designed for wheelchair access] [Rectangular seat] [Triangular, corner-type seat] [Stainless-steel seat designed to fold into recessed-mounted, stainless-steel wall box].
3. Seat: [Phenolic or polymeric composite of slat-type or one-piece construction in color as selected by Architect] [White vinyl padded seat] [Stainless steel, No. 4 finish (satin); **0.05-inch (1.3-mm)** minimum nominal thickness; with single-piece, pan-type construction and edge seams welded and ground smooth] <Insert description>.
4. Mounting Mechanism: [Stainless steel, No. 4 finish (satin)] <Insert description>.
5. Dimensions: <Insert dimensions>.

F. Soap Dish <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Description: [With] [Without] washcloth bar.
3. Mounting: [Recessed] [Surface mounted].
4. Material and Finish: [Stainless steel, No. 4 finish (satin)] <Insert material and finish>.

## 2.4 PRIVATE-USE BATHROOM ACCESSORIES

- A. Manufacturers: Subject to compliance with requirements, [provide products by one of the following] [available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:

- B. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:

1. [Basco, Inc.](#)
2. [Bobrick Washroom Equipment, Inc.](#)
3. [Franklin Brass by Liberty Hardware Manufacturing Corporation; a Masco company.](#)
4. [GAMCO Specialty Accessories; a division of Bobrick Washroom Equipment, Inc.](#)
5. [Ginger; a Masco company.](#)
6. [Seachrome Corporation.](#)
7. [Tubular Specialties Manufacturing, Inc.](#)
8. <Insert manufacturer's name>.

C. Toilet Tissue Dispenser <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Description: [Single-roll dispenser] [Double-roll dispenser] [Single-roll dispenser with hood] [Double-roll dispenser with hood] <Insert description>.
3. Mounting: [Recessed] [Surface mounted].



4. Capacity: Designed for **4-1/2- or 5-inch- (114- or 127-mm-)** diameter tissue rolls.
5. Material and Finish: **[Stainless steel, No. 4 finish (satin)]**

D. Shower Curtain Rod **<Insert drawing designation>**:

1. Basis-of-Design Product: **<Insert manufacturer's name; product name or designation>**.
2. Outside Diameter: **[1 inch (25.4 mm)] [1-1/4 inches (32 mm)]**.
3. Mounting: Flanges with **[exposed] [concealed]** fasteners.
4. Rod Material and Finish: **[Solid brass, polished] [Polished chrome-plated brass] [Stainless steel, No. 4 finish (satin)] [Stainless steel, No. 7 finish (polished)] <Insert material and finish>**.
5. Flange Material and Finish: **[Polished brass-plated zinc alloy (zamac)] [Polished chrome-plated brass] [Polished chrome-plated zinc alloy (zamac)] [Stainless steel, No. 4 finish (satin)] [Stainless steel, No. 7 finish (polished)] <Insert material and finish>**.
6. Accessories: Integral chrome-plated brass glide hooks.

E. Soap Dish **<Insert drawing designation>**:

1. Basis-of-Design Product: **<Insert manufacturer's name; product name or designation>**.
2. Description: **<Insert description>**.
3. Mounting: **[Recessed] [Surface mounted]**.
4. Material and Finish: **[Solid brass, polished] [Polished brass-plated zinc alloy (zamac)] [Polished chrome-plated brass] [Polished chrome-plated zinc alloy (zamac)] [Stainless steel, No. 4 finish (satin)] [Stainless steel, No. 7 finish (polished)] <Insert material and finish>**.

F. Medicine Cabinet **<Insert drawing designation>**:

1. Basis-of-Design Product: **<Insert manufacturer's name; product name or designation>**.
2. Mounting: **[Recessed, for nominal 4-inch (100-mm) wall depth] [Surface mounted]**.
3. Size: **[18 by 24 inches (460 by 610 mm)] <Insert dimensions>**.
4. Door: **[Framed mirror door concealing storage cabinet equipped with continuous hinge and spring-buffered, rod-type stop and magnetic door catch] <Insert description>**.
5. Shelves: **[Three, adjustable] <Insert requirements>**.
6. Material and Finish:
  - a. Cabinet: **[Stainless steel, No. 4 finish (satin)] [Steel with corrosion-resistant finish]**.
  - b. Mirror Frame: **<Insert material and finish>**.
  - c. Door: **<Insert material and finish>**.
  - d. Hinge: **<Insert material and finish>**.
  - e. Shelves: **<Insert material and finish>**.

G. Facial Tissue Dispenser **<Insert drawing designation>**:

1. Basis-of-Design Product: **<Insert manufacturer's name; product name or designation>**.
2. Mounting: **[Wall mounted, recessed] [Surface mounted]**.

3. Depth: [2-5/8 inches (67 mm)] [4 inches (102 mm)] <Insert dimension>.
  4. Material and Finish:
    - a. Dispenser Face: [Polished chrome-plated brass] [Polished brass-plated zinc alloy (zamac)] [Polished chrome-plated steel] [Stainless steel, No. 4 finish (satin)] [Stainless steel, No. 7 finish (polished)] <Insert material and finish>.
    - b. Cabinet: [Steel with corrosion-resistant finish] <Insert material and finish>.
- H. Robe Hook <Insert drawing designation>:
1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
  2. Description: [Double] [Single]-prong unit.
  3. Material and Finish: [Solid brass, polished] [Polished brass-plated zinc alloy (zamac)] [Polished chrome-plated brass] [Polished chrome-plated zinc alloy (zamac)] [Stainless steel, No. 4 finish (satin)] [Stainless steel, No. 7 finish (polished)] <Insert material and finish>.
- I. Toothbrush and Tumbler Holder <Insert drawing designation>:
1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
  2. Description: <Insert description>.
  3. Material and Finish: [Solid brass, polished] [Polished brass-plated zinc alloy (zamac)] [Polished chrome-plated brass] [Polished chrome-plated zinc alloy (zamac)] [Stainless steel, No. 4 finish (satin)] [Stainless steel, No. 7 finish (polished)] <Insert material and finish>.
- J. Towel Bar <Insert drawing designation>:
1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
  2. Description: [3/4-inch- (19-mm-) square tube with rectangular end brackets] [3/4-inch- (19-mm-) round tube with circular end brackets] <Insert description>.
  3. Mounting: Flanges with [concealed] [exposed] fasteners.
  4. Length: [18 inches (457 mm)] [24 inches (610 mm)] [30 inches (762 mm)] <Insert dimension>.
  5. Material and Finish: [Stainless steel, No. 4 finish (satin)] [Stainless steel, No. 7 finish (polished)] [Polished aluminum] <Insert material and finish>.
- K. Towel Pin <Insert drawing designation>:
1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
  2. Description: Projecting minimum of [3 inches (75 mm)] [5 inches (127 mm)] from wall surface.
  3. Material and Finish: [Polished brass-plated zinc alloy (zamac)] [Polished chrome-plated brass] [Stainless steel, No. 4 finish (satin)] [Stainless steel, No. 7 finish (polished)] <Insert material and finish>.
- L. Towel Ring <Insert drawing designation>:
1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.

2. Description: Pin projecting approximately **2-1/2 inches (63 mm)** from wall with [square] [circular] [oval] [trapezoidal] ring.
3. Pin Material and Finish: [Solid brass, polished] [Polished brass-plated zinc alloy (zamac)] [Polished chrome-plated brass] [Polished chrome-plated zinc alloy (zamac)] [Stainless steel, No. 4 finish (satin)] [Stainless steel, No. 7 finish (polished)] <Insert material and finish>.
4. Ring Material and Finish: [Matching pin] [Clear plastic].

M. Towel Shelf <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Description: Surface-mounted, guest-towel shelf with four [**3/8-inch- (9-mm-) diameter**] [**5/16-inch- (8-mm-) square**] stainless-steel tubes mounted in support arms.
  - a. Towel Bar: [**1/4-inch- (6-mm-) diameter**] [**5/16-inch- (8-mm-) square**] stainless-steel towel bar below shelf.
3. Length: [**18 inches (457 mm)**] [**24 inches (610 mm)**] <Insert dimension>.
4. Material and Finish: [Polished brass-plated, stainless-steel] [Polished chrome-plated, stainless-steel] [Stainless steel, No. 7 finish (polished)] <Insert material and finish>.

N. Towel Rack <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Description: [Surface-mounted, guest-towel unit with approximately **1/4-inch- (6-mm-) diameter wire rings welded to upright wire bracket**] <Insert description>.
3. Capacity: [Two] [Three] [Four] <Insert number> sets of bath towels, hand towels, and washcloths.
4. Nominal Height: [**11 inches (279 mm)**] [**17 inches (432 mm)**] [**21 inches (533 mm)**] <Insert dimension>.
5. Material and Finish: [Polished brass-plated zinc alloy (zamac)] [Polished chrome-plated zinc alloy (zamac)] <Insert material and finish>.

O. Retractable Clothesline <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Description: Surface-mounted [rectangular] [circular] housing with minimum **72-inch- (1829-mm-)** long, retractable, spring-actuated, synthetic clothesline and remote retention bracket.
3. Material and Finish [Chrome-plated brass] [Stainless steel, No. 7 finish (polished)].

P. Bottle Opener <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Description: Surface-mounted unit with [standard] [vandal-resistant] fasteners.
3. Material and Finish: [Stainless steel, No. 4 finish (satin)] [Stainless steel, No. 7 finish (polished)] [Chrome-plated steel].

## 2.5 WARM-AIR DRYERS

- A. Manufacturers: Subject to compliance with requirements, **[provide products by one of the following] [available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**
- B. **Basis-of-Design Product:** Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:
1. [A & J Washroom Accessories, Inc.](#)
  2. [American Dryer, Inc.](#)
  3. [American Specialties, Inc.](#)
  4. [Bobrick Washroom Equipment, Inc.](#)
  5. [Bradley Corporation.](#)
  6. [Excel Dryer Corporation.](#)
  7. [GAMCO Specialty Accessories; a division of Bobrick Washroom Equipment, Inc.](#)
  8. [Tubular Specialties Manufacturing, Inc.](#)
  9. [World Dryer Corporation.](#)
  10. **<Insert manufacturer's name>.**
- C. Warm-Air Dryer **<Insert drawing designation>:**
1. Basis-of-Design Product: **<Insert manufacturer's name; product name or designation>.**
  2. Mounting: **[Recessed] [Semirecessed] [Surface mounted].**
  3. Operation: **[Touch-button] [Electronic-sensor]** activated with timed power cut-off switch.
    - a. Operation Time: **[30 to 40] [80] <Insert number(s)>** seconds.
  4. Cover Material and Finish: **[Steel, with white enamel finish] [Cast iron, with enamel finish in color selected by Architect] [Chrome-plated steel] [Stainless steel, No. 4 finish (satin)] [Molded plastic, gray] [Molded plastic, white] <Insert material and finish>.**
  5. Electrical Requirements: **[115 V, 13 A, 1500 W] [115 V, 15 A, 1725 W] [115 V, 20 A, 2300 W] [208-240 V, 9-10 A, 1900-2300 W] <Insert electrical requirements>.**

## 2.6 CHILDCARE ACCESSORIES

- A. Manufacturers: Subject to compliance with requirements, **[provide products by one of the following] [available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**
- B. Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:
1. [American Specialties, Inc.](#)
  2. [Brocar Products, Inc.](#)
  3. [Diaper Deck & Company, Inc.](#)
  4. [GAMCO Specialty Accessories; a division of Bobrick Washroom Equipment, Inc.](#)

5. [Koala Kare Products; a division of Bobrick Washroom Equipment, Inc.](#)
6. [SSC, Inc.](#)
7. [Tubular Specialties Manufacturing, Inc.](#)
8. <Insert manufacturer's name>.

C. Diaper-Changing Station <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Description: [**Horizontal**] [**Vertical**] unit that opens by folding down from stored position and with child-protection strap.
  - a. Engineered to support a minimum of [**250-lb (113-kg)**] <Insert value> static load when opened.
3. Mounting: [**Surface mounted, with unit projecting not more than 4 inches (100 mm) from wall when closed**] [**Semirecessed, with unit projecting not more than 1 inch (25 mm) from wall when closed**].
4. Operation: By pneumatic shock-absorbing mechanism.
5. Material and Finish: [**HDPE in manufacturer's standard color**] [**HDPE with plastic-laminate insert in color selected by Architect**] [**Stainless steel, No. 4 finish (satin), with replaceable insulated polystyrene tray liner and rounded plastic corners**] [**Stainless steel, No. 4 finish (satin), exterior shell with rounded plastic corners; HDPE interior in manufacturer's standard color**] <Insert requirements>.
6. Liner Dispenser: Built in.

D. Diaper-Pack Vendor <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Mounting: [**Surface mounted**] [**Recessed**].
3. Minimum Capacity: [**100**] <Insert number> diaper packs.
4. Coin Operation: Coin slot preset for [**one U.S. dollar, adjustable up in 25-cent increments**] <Insert requirements>.
5. Material and Finish: [**Stainless steel, No. 4 finish (satin)**] <Insert material and finish>.

E. Child-Protection Seat <Insert drawing designation>:

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Description: Unit that opens by folding down from stored position and with child-protection strap.
  - a. Engineered to support a minimum of [**80-lb (36-kg)**] [**150-lb (68-kg)**] <Insert value> static load when opened.
3. Mounting: Surface mounted, with unit projecting not more than [**4-1/2 inches (114 mm)**] [**6 inches (152 mm)**] from wall when closed.
4. Material and Finish: [**HDPE in manufacturer's standard color**] <Insert requirements>.

## 2.7 UNDERLAVATORY GUARDS

- A. Manufacturers: Subject to compliance with requirements, **[provide products by one of the following] [available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**
- B. **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.](#)
  3. **<Insert manufacturer's name>.**
- C. Underlavatory Guard **<Insert drawing designation>:**
1. Basis-of-Design Product: **<Insert manufacturer's name; product name or designation>.**
  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.

## 2.8 CUSTODIAL ACCESSORIES

- A. Manufacturers: Subject to compliance with requirements, **[provide products by one of the following] [available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following]:**
- B. **Basis-of-Design Product:** Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:
1. [A & J Washroom Accessories, Inc.](#)
  2. [American Specialties, Inc.](#)
  3. [Bobrick Washroom Equipment, Inc.](#)
  4. [Bradley Corporation.](#)
  5. [GAMCO Specialty Accessories; a division of Bobrick Washroom Equipment, Inc.](#)
  6. [Tubular Specialties Manufacturing, Inc.](#)
  7. **<Insert manufacturer's name>.**
- C. Utility Shelf **<Insert drawing designation>:**
1. Basis-of-Design Product: **<Insert manufacturer's name; product name or designation>.**
  2. Description: With exposed edges turned down not less than **1/2 inch (13 mm)** and supported by two triangular brackets welded to shelf underside.
  3. Size: **[16 inches (406 mm) long by 6 inches (152 mm) deep]** **<Insert dimensions>.**
  4. Material and Finish: Not less than nominal **0.05-inch- (1.3-mm-)** thick stainless steel, No. 4 finish (satin).
- D. Mop and Broom Holder **<Insert drawing designation>:**

1. Basis-of-Design Product: <Insert manufacturer's name; product name or designation>.
2. Description: [Unit with shelf, hooks, holders, and rod suspended beneath shelf] <Insert description>.
3. Length: [36 inches (914 mm)] <Insert dimension>.
4. Hooks: [Three] <Insert number>.
5. Mop/Broom Holders: [Four] <Insert number>, spring-loaded, rubber hat, cam type.
6. Material and Finish: Stainless steel, No. 4 finish (satin).
  - a. Shelf: Not less than nominal 0.05-inch- (1.3-mm-) thick stainless steel.
  - b. Rod: Approximately 1/4-inch- (6-mm-) diameter stainless steel.

E. Paper Towel Roll Dispenser <Insert drawing designation>: Per 2.2.E above.

F. Liquid-Soap Dispenser <Insert drawing designation>: per 2.2.I above

## 2.9 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. Provide minimum of [six] <Insert number> keys to Owner's representative.

## 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 (1112 N), when tested according to ASTM F 446.

### 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