

SECTION 10 28 13

TOILET ACCESSORIES  
08/20

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

ANSI Z535.4 (2011) Product Safety Signs and Labels

ASTM INTERNATIONAL (ASTM)

ASTM F2285 (2004; R 2016; E 2016) Standard Consumer Safety Performance Specification for Diaper Changing Tables for Commercial Use

ASTM G21 (2015) Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi

U.S. DEPARTMENT OF DEFENSE (DOD)

MIL-STD-1691 (1994; Rev F) Construction and Material Schedule for Military Medical and Dental Facilities

U.S. GREEN BUILDING COUNCIL (USGBC)

LEED BDC Ref Guide (2013) USGBC LEED Reference Guide for Building Design and Construction, v4

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submittals with an "S" are for inclusion in the Sustainability eNotebook, in conformance to Section 01 33 29 SUSTAINABILITY REPORTING. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Product Schedule; G

Submit product Schedule indicating types, quantities, sizes, and installation locations by room for each toilet accessory item required. Identify locations using room designations indicated on the drawings.

SD-03 Product Data

C Recycled content for stainless steel toilet accessories; S  
Item A4995 Table, Diaper Changing, Wall Mounted; G  
Combination Paper Towel Dispenser/Waste Receptacle; G  
Item A5090 Disposal, Sanitary Napkin, SS, Surface Mounted; G  
Item A5109 Grab Bar, 1-1/4 inch Dia., SS, 2 Wall, W/C Accessible; G  
Item A5135 Shelf, Utility W/ Mop/Broom Holders, SS, Surf Mntd; G  
Item A5150 Hook, Garment, Triple, Surface Mounted; G  
Soap Dispenser; G  
Item A5200 Dispenser, Toilet Tissue, SS, 2-Roll, Surface Mntd; G  
Toilet Seat Cover Dispenser; G  
Submit catalog numbers, literature, data sheets, construction details, profiles, anchoring and mounting requirements ,including cutouts in other work and substrate preparation,,electrical characteristics, and other pertinent data for each toilet accessory item to evaluate function, materials, dimensions and appearance.

SD-07 Certificates

Baby Changing Stations

SD-10 Operation and Maintenance Data

Item A4995 Table, Diaper Changing, Wall Mounted; G  
Combination Paper Towel Dispenser/Waste Receptacle; G  
Item A5090 Disposal, Sanitary Napkin, SS, Surface Mounted; G  
Item A5109 Grab Bar, 1-1/4 inch Dia., SS, 2 Wall, W/C Accessible; G  
Item A5135 Shelf, Utility W/ Mop/Broom Holders, SS, Surf Mntd; G  
Item A5150 Hook, Garment, Triple, Surface Mounted; G  
Soap Dispenser; G  
Item A5200 Dispenser, Toilet Tissue, SS, 2-Roll, Surface Mntd; G  
Toilet Seat Cover Dispenser; G  
Submit Data Package 1 for each toilet accessory item , and Data Package 2 for each electrical toilet accessory item, in accordance with Section 01 78 23 OPERATIONS AND MAINTENANCE DATA.

#### 1.2.1 Sustainable Design Submittals

1. Building Product Disclosure and Optimization, Sourcing of Raw Materials:
  - a. Submit manufacturer's data sheet or statement of pre-consumer and post-consumer recycled content. Indicate the percentage of the dollar value of the recycled content compared to the total dollar value of the product or assembly containing the product.
  - b. Provide LEED Submittal Cover Sheet in accordance with Section 01 33 29.
2. Low-Emitting Materials - Interior adhesives and sealants applied on site:
  - a. Meet the VOC emissions evaluation and the VOC content evaluation. The adhesives and sealants product category include all interior adhesives and sealants applied on site. Refer to Division 01 33 29 and the **LEED BDC Ref Guide** v4.1 for full VOC content and emissions requirements.
    1. For CDPH version compliance information, refer to LEED interpretation #ID 10495 "LEM for v4 projects":  
<https://www.usgbc.org/leedaddenda/10495>
  - b. Provide LEED Submittal Cover Sheet in accordance with Section 01 33 29.

#### 1.3 CERTIFICATIONS

##### 1.3.1 Baby Changing Stations

Provide certification that baby changing stations meet the performance criteria of ASTM F2285.

Provide certification that baby changing stations meet the requirements of ANSI Z535.4 Product Safety Signs and Labels.

Provide certification that baby changing stations meet the requirements of ASTM G21 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.

#### 1.4 DELIVERY, STORAGE, AND HANDLING

Wrap toilet accessories for shipment and storage, then deliver to the jobsite in manufacturer's original packaging, and store in a clean, dry area protected from construction damage and vandalism.

#### 1.5 WARRANTY

Provide manufacturer's warranty to repair or replace defective materials and workmanship for a period of one year from date of final acceptance of the work.

### PART 2 PRODUCTS

#### 2.1 ACCESSORY ITEMS

Provide toilet accessories where indicated in accordance with Contractor-provided **product schedule**. Conform to the requirements for

accessory items specified herein which are based on MIL-STD-1691 Joint Schedule Numbers (JSN). Porcelain type, tile-wall accessories are specified in Section 09 30 10 CERAMIC, QUARRY, AND GLASS TILING. Provide each accessory item complete with the necessary mounting plates of sturdy construction with corrosion resistant surface.

Provide stainless steel products listed herein manufactured from materials containing a minimum of 50 percent recycled content. Provide data identifying percentage of recycled content for stainless steel toilet accessories.

#### 2.1.1 Anchors and Fasteners

Provide corrosion-resistant anchors and fasteners capable of developing a restraining force commensurate with the strength of the accessory to be mounted and suited for use with the supporting construction. Provide tamperproof design exposed fasteners with finish to match the accessory. Provide fasteners proposed for use for each type of wall construction and mounting.

#### 2.1.2 Finishes

Except where noted otherwise, provide the following finishes on metal:

Metal	Finish
Stainless steel	No. 4 satin finish
Carbon steel, copper alloy, and brass	Chromium plated, bright

#### 2.1.3 Accessory Type H Item A4995 Table, Diaper Changing, Wall Mounted

Wall mounted diaper changing table. Construct unit of high density polyethylene plastic impervious to odors, mold and mildew; support a static load of minimum 300 pounds. Provide unit to project out from wall approximately 4-1/2 inches when in closed position. Provide contour shaped unit with safety strap. Mounting hardware included.

Approximate open dimensions: 20 inches wide by 36 inches long by 5 inches deep. Approximate closed dimensions: 4 inches deep by 36 inches long by 21 inches high.

#### 2.1.4 Accessory Type F Combination Paper Towel Dispenser/Waste Receptacle, Recessed

Recess mounted paper towel dispenser/waste receptacle. Unit constructed of heavy gauge stainless steel with satin finish, all welded construction, have full length piano hinge, tumbler lock, and be removable for service. Provide waste receptacle capacity of 12 gallons. Provide waste receptacle that accepts reusable liner standard for unit manufacturer. Unit dispenses 600 C-fold, single-fold or 400 multi-fold paper towels and be self-feeding until supply is depleted. Towel dispensing slot is snag-free. Unit is ADA compliant.

Approximate size: 12 inches wide by 17 inches high by 4 inches deep.

2.1.1.5 Accessory Type C [Item A5090](#) Disposal, Sanitary Napkin, SS, Surface Mounted

Surface mounted sanitary napkin receptacle. Unit made of stainless steel with satin finish and all welded construction. Unit has piano hinge attached at the top and an integral finger depression for opening. For use with disposable paper liners, available separately. Unit may be attached to wall or toilet partition.

Approximate size: [7 inches](#) wide by [4 inches](#) deep by [10 inches](#) high.

2.1.1.6 Accessory Type A [Item A5109](#) Grab Bar, [1-1/4 Inch](#) Diameter, SS, 2 Wall, W/C Accessible

Grab bar of [1-1/4 inch](#) diameter satin finish stainless steel with peened gripping surface for use in toilet stall/room. Snap-on flange covers for concealed mounting are stainless steel and equipped with two screw holes for attachment to wall. Grab bars designed to meet and exceed ADA requirements for structural strength. Grab bars designed to withstand loads of [900 pounds](#) when properly installed. Clearance from wall to grab bar is [1-1/2 inches](#) to meet ADA and ANSI codes.

2.1.1.7 Janitor's Closets Typical [Item A5135](#) Shelf, Utility W/ Mop/Broom Holders, SS, Surf Mounted

Surface mounted mop/broom holder with shelf made of [18 gauge](#) stainless steel with all exposed surfaces in satin finish. Unit has shelf [8 inches](#) deep with shelf support brackets of satin finish stainless steel welded to mounting base, and 4 holders to secure mop or broom handles. Mop holders have spring-loaded rubber cams and hold mop or broom handle with a diameter between [5/8 inch](#) and [1 inch](#).

Approximate size: [36 inches](#) wide by [8 inches](#) deep.

2.1.1.8 Accessory Type G [Item A5150](#) Hook, Garment, Triple, Surface Mounted

Surface mounted garment hook. Unit has four metal hooks with a backplate made of anodized or polished aluminum finished panel. For mounting directly on wall or to panel.

Approximate maximum weight capacity: [35 pounds](#).

Approximate size: [36 inches](#) wide by [4 inches](#) high by [3/4 inch](#) deep.

2.1.1.9 Accessory Type D [Soap Dispenser](#)

Provide vanity-mounted, hands-free soap dispenser in a black translucent finish, liquid type consisting of a vertical tank with holding capacity of 1200 mL with a corrosion-resistant, all purpose valve that dispenses liquid soap, lotions, detergents and antiseptic soaps.

Approximate size: [7 inches](#) wide by [5 inches](#) high by [2-3/4 inches](#) deep.

2.1.1.10 Accessory Type F [Item A5200](#) Dispenser, Toilet Tissue, SS, 2-Roll, Surface Mounted

Concealed surface mounted, double roll, toilet tissue dispenser of stainless steel. Unit holds and dispenses two standard [5-1/4 inch](#) diameter rolls of toilet tissue. Spindles are free-spinning for

non-controlled delivery, chrome-plated plastic equipped with heavy-duty internal springs.

Approximate size: 7 inches diameter by 4 inches deep.

#### 2.1.11 Accessory Type B Toilet Seat Cover Dispenser

Provide Type 304 stainless steel with surface mounted toilet seat cover dispensers. Provide dispenser with a minimum capacity of 500 seat covers.

### PART 3 EXECUTION

#### 3.1 INSTALLATION

Do not install items that show visual evidence of biological growth. Provide the same finish for the surfaces of fastening devices exposed after installation as the attached accessory. Provide oval exposed screw heads. Install accessories at the location and height indicated. Protect exposed surfaces of accessories with strippable plastic or by other means until the installation is accepted. After acceptance of accessories, remove and dispose of strippable plastic protection. Coordinate accessory manufacturer's mounting details with other trades as their work progresses. Use sealants for brackets, plates, anchoring devices and similar items in showers (a silicone sealant specified in Section 07 92 00 JOINT SEALANTS) as they are set to provide a watertight installation. After installation, thoroughly clean exposed surfaces and restore damaged work to its original condition or replace with new work.

##### 3.1.1 Recessed Accessories

Fasten accessories with wood screws to studs, blocking or rough frame in wood construction. Set anchors in mortar in masonry construction. Fasten to metal studs or framing with sheet metal screws in metal construction.

##### 3.1.2 Surface Mounted Accessories

Mount on concealed backplates, unless specified otherwise. Conceal fasteners on accessories without backplates. Install accessories with corrosion-resistant fasteners as required by the construction. Install backplates in the same manner, or provide with lugs or anchors set in mortar, as required by the construction. Fasten accessories mounted on gypsum board and plaster walls without solid backing into the metal or wood studs, or to backplates secured to metal studs.

#### 3.2 CLEANING

Clean material in accordance with manufacturer's recommendations. Do not use alkaline or abrasive agents. Take precautions to avoid scratching or marring exposed surfaces.

-- End of Section --