

BuildingName
The Description of the Project
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SPECIFICATION DIVISION 10

NUMBER SECTION DESCRIPTION

DIVISION 10 SPECIALTIES

SECTION 102800 - TOILET AND BATH ACCESSORIES

END OF CONTENTS TABLE

DIVISION 10 SPECIALTIES
SECTION 102800 - TOILET AND BATH ACCESSORIES

REVISION HISTORY:

JUNE 2025 - UPDATED TO INCLUDE ADULT CHANGING TABLE

SEPT. 2004 - UPDATED MANUFACTURERS AND CHANGED TOILET PAPER AND PAPER TOWEL DISPENSER PRODUCT INFO. TO REFLECT THAT THESE ARE PROVIDED BY OWNER.

APRIL 2005 - ADDED DIAPER CHANGING STATIONS.

MAY 2007 - CHANGED SOAP DISPENSER PRODUCT INFO. TO REFLECT THAT THESE ARE PROVIDED BY OWNER.

PART 1 - GENERAL

GENERAL EDITING / COORDINATION NOTES:

TOILET PAPER, PAPER TOWEL, AND SOAP DISPENSERS ARE TYPICALLY PROVIDED BY BUILDING SERVICES FOR CONTRACTOR INSTALLATION. THIS ASSURES THAT UNIT SUPPLIED IS COMPADIBLE WITH PAPER / SOAP PRODUCTS PURCHASED FOR MAINTENANCE. IF OTHER UNITS ARE SELECTED, COORDINATE WITH DESIGN MANAGER TO COMMUNICATE MAINTENANCE REQUIREMENTS TO USER.

USING OWNER SUPPLIED UNITS DOES NOT ALLEVIATE ARCHITECT OF THE RESPONSIBILITY TO COORDINATE WALL MOUNTED ITEMS WITH ALL ADA REQUIREMENTS AND COMMUNICATING THOSE INSTALLATION REQUIREMENTS TO THE CONTRACTOR.

CATALOG NUMBERS USED IN THIS SECTION DO NOT REPRESENT AN EXHAUSTIVE LISTING OF ALL POSSIBLE UNITS. CONSULT MANUFACTURERS CATALOG WHEN EDITING THIS SECTION.

1.1 SUMMARY

- A. Extent of toilet accessories is shown on drawings.
- B. Types of toilet accessories include the following:

EDIT LIST BELOW TO BE PROJECT SPECIFIC.

- 1. Grab bars.
- 2. Soap dispensers.
- 3. Toilet paper dispenser.
- 4. Paper roll towel dispenser.
- 5. Electric hand dryers
- 6. Fold-down shower seats.
- 7. Shower curtain rods.
- 8. Sanitary napkin/tampon dispensers.
- 9. Folding purse shelf.
- 10. Sanitary napkin/tampon disposal units.
- 11. Stainless steel shelves.

- 12. Janitorial utility shelves.
- 13. Mirror units.
- 14. Adult changing table.

- C. Wastepaper baskets are included in Division 12 Section "Furnishing Accessories."
- D. For accessories noted in Products section as provided by Owner, coordinate with Owner's Representative to obtain from UM Plant Building Services.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's literature indicating compliance with requirements, and installation instructions.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Manufacturer: Subject to compliance with requirements, provide products of one of the following:
 - 1. American Specialties, Inc.
 - 2. Bobrick Washroom Equip., Inc.
 - 3. Bradley Corp.
 - 4. Elcoma Metal Fabricating (grab bars and shower seats only).
 - 5. Gamco (except for shower seats and counter soap dispensers)
 - 6. Koala Kare Products, a division of Bobrick
 - 7. Manufacturers as listed for specific products

2.2 TOILET ACCESSORIES

- A. General: Provide toilet accessories as indicated or scheduled. Install units at locations and heights as indicated, plumb and level, firmly anchored, in accordance with manufacturer's instructions.

2.3 MATERIALS

- A. Stainless Steel: AISI Type 3-2/304, with polished No. 4 finish, 22 gage minimum, unless otherwise indicated.
- B. Fasteners: Screws, bolts, and other devices of same material as accessory unit or of galvanized steel where concealed.

2.4 FABRICATION

- A. General: Stamped names or labels on exposed faces of toilet accessory units are not permitted. Wherever locks are required for particular type of accessory, provide same keying throughout project. Furnish two keys for each lock, properly identified.
- B. Surface-Mounted Accessories: Fabricate units with tight seams and joints, exposed edges rolled. Hang doors or access panels with continuous piano hinge or minimum of two 1-1/2 inch long pin hinges of same metal as unit cabinet.

DELETE ABOVE OR BELOW OR RETAIN BOTH TO SUIT PROJECT.

- C. Recessed Accessories: Fabricate units of all welded construction, without mitered corners. Hang doors or access panels with full-length stainless steel piano hinge. Provide anchorage which is fully concealed when unit is closed.

2.5 GRAB BARS

NOTE: ICC/ANSI A117.1 2003 REQUIRES BOTH VERTICAL AND HORIZONTAL BARS.

PART NUMBER LISTED BELOW IS A SERIES NUMBER AND IS AVAILABLE IN MULTIPLE CONFIGURATIONS AND LENGTHS. PROVIDE ELEVATIONS ON DRAWINGS SHOWING CONFIGURATION, TYPES OF BARS, LOCATIONS, AND MOUNTING HEIGHTS. COORDINATE WITH TOILET PAPER DISPENSER AND OTHER WALL MOUNTED ITEMS IN ROOM / STALL.

- A. Provide stainless steel grab bars with wall thickness not less than 18 gage and as follows:
1. Mounting: Concealed.
 2. Gripping Surface: Manufacturer's standard non-slip texture.
 3. Size: Outside diameter 1-1/2 inch by dimensions indicated.
 4. Product: Bobrick B-6806 series of configuration and dimensions shown; or, subject to compliance with requirements, equivalent products of other approved mfrs.

2.6 WALL MOUNTED SOAP DISPENSERS

WALL MOUNTED SOAP DISPENSERS ARE PROVIDED BY BLDG. SERVICES FOR INSTALLATION BY THE CONTRACTOR. ARCHITECT IS RESPONSIBLE TO VERIFY COMPLIANCE WITH PROJECT REQUIREMENTS AND PROVIDE INSTALLATION INFORMATION, INCLUDING MOUNTING HEIGHTS AND LOCATIONS. PM ORDERS DURING CONSTRUCTION. THE FOLLOWING IS STANDARD MODEL FROM SPARTAN:

FOAM DISPENSER (ADA COMPLIANT IF PROPERLY LOCATED): 9756

- A. Wall mounted liquid soap dispensers are provided by Owner for installation by Contractor.

2.7 COUNTER-MOUNTED SOAP DISPENSERS

OPTIONS FOR UNIT BELOW INCLUDE POLISHED BRASS COVER AND SPOUT, 4-INCH LONG SPOUT, AND 20-OZ. RESEVOIR. SEE CATALOG FOR APPROPRIATE MODEL NUMBER.

NOTE THAT BUILDING SERVICES DOES NOT FILL UNITS THAT THEY DO NOT SUPPLY.

- A. Liquid soap dispenser for counter mounting, complete with 4-inch long shank, and optional 6-inch spout. Capable of filling from top. Stainless steel spout/cover and 34 oz. capacity polyethylene reservoir. Provide units with matching stainless above-counter shank extension if required to suit application.

1. Product: Bobrick B-8226; or, subject to compliance with requirements, equivalent products of other approved mfrs.

2.8 TOILET PAPER DISPENSERS

TOILET PAPER DISPENSERS ARE PROVIDED BY BLDG. SERVICES FOR INSTALLATION BY THE CONTRACTOR. ARCHITECT IS RESPONSIBLE FOR SELECTING UNITS FROM BELOW THAT MEET PROJECT AND ADA REQUIREMENTS AND COMMUNICATING SELECTIONS TO DM / PM. ARCHITECT IS ALSO RESPONSIBLE FOR PROVIDING INSTALLATION INFORMATION, INCLUDING MOUNTING HEIGHTS AND LOCATIONS. PM ORDERS DURING CONSTRUCTION. THE FOLLOWING ARE STANDARD MODELS FROM KIMBERLY-CLARK:

JUMBO JRT CORED DISPENSER (TYPICAL PREFERRED TYPE, 2 ROLLS SIDE BY SIDE): 09551 -- 1 OF THE 2 ROLLS CAN BE ADA COMPLIANT IF PROPERLY LOCATED

CORELESS JRT (2 ROLLS SIDE BY SIDE - USE ONLY IF STANDARD PAPER IN BUILDING IS CORELESS, NOT TYPICAL): 09608 -- 1 OF THE 2 ROLLS CAN BE ADA COMPLIANT IF PROPERLY LOCATED

STACKED DOUBLE ROLL DISPENSER (NOT RECOMMENDED IN PUBLIC RESTROOMS, ADA COMPLIANT IF PROPERLY LOCATED): 09021

- A. Toilet paper roll dispensers are provided by Owner for installation by Contractor.

2.9 PAPER ROLL TOWEL DISPENSER

PAPER TOWEL DISPENSERS ARE PROVIDED BY BLDG. SERVICES FOR INSTALLATION BY THE CONTRACTOR. ARCHITECT IS RESPONSIBLE FOR SELECTING UNITS FROM BELOW THAT MEET PROJECT AND ADA REQUIREMENTS AND COMMUNICATING SELECTIONS TO DM / PM. ARCHITECT IS ALSO RESPONSIBLE FOR PROVIDING INSTALLATION INFORMATION, INCLUDING MOUNTING HEIGHTS AND LOCATIONS. PM ORDERS DURING CONSTRUCTION. THE FOLLOWING ARE STANDARD MODELS FROM KIMBERLY-CLARK:

ROLL TOWEL DISPENSER (LEVER HANDLE OPERATED, ADA COMPLIANT IF PROPERLY LOCATED): 09736

TOUCH FREE DISPENSER (MECHANICAL UNIT, NOT ADA COMPLIANT): 09990

NOTE 10-1/2" DEPTH AND COORDINATE WITH ADA REQUIREMENTS.

- A. Paper roll towel dispensers are provided by Owner for installation by Contractor.

2.10 ELECTRIC HAND DRYERS

REMOVED DISCONTINUED PRODUCT PREVIOUSLY LISTED. A&E IS REVIEWING POTENTIAL MODELS FOR INCLUSION IN THIS SECTION. CONSIDER ADA COMPLIANCE, NOISE, DRY TIME, AND AIR DISTRIBUTION PATTERN WHEN SELECTING DEVICES. USER EXPERIENCE IN OTHER BUILDINGS HAVE INDICATED THAT DRIERS IN THE 80-90 DBA RANGE ARE

TOO LOUD AND SOME AIR DISTRIBUTION PATTERNS CAUSE MAINTENANCE PROBLEMS ON THE ADJACENT WALLS.

NOTE THAT BUILDING SERVICES DOES NOT PROVIDE ELECTRIC HAND DRIERS.

2.11 SHOWER SEAT

- A. Padded, fold-down seat constructed with Type 304 stainless steel framing and with self-locking mechanism. For units on wood stud framing, provide concealed backing at screw points.
 - 1. Product: Bobrick B-517 (right hand) or B-518 (left hand) as indicated; or subject to compliance with requirements, equivalent products of other approved mfrs.

2.12 SHOWER CURTAIN ROD

- A. Extra-heavy-duty; 18-gauge type 302 stainless steel tubing with satin finish; 1-1/4 inch outside diameter; 1/8 inch thick die-cast, single piece flange; length as shown on drawings, or if not shown, 36 inches.
 - 1. Product: Bobrick B-6047; or subject to compliance with requirements, equivalent products of other approved mfrs.

INCLUDE BELOW IF DESIRED BY CLIENT. NOTE THAT THEY ARE NOT MAINTAINED BY PLANT BUILDING SERVICES.

2.13 SANITARY NAPKIN/TAMPON DISPENSERS

- A. General: Type 304 stainless steel construction; minimum 22 gage cabinet and 18 gage door. Return door edges and equip with tumbler lockset. Provide graphic identification indicating "Napkins" and "Tampons" at coin slots; brand name advertising is not allowed. Capacity not less than 30 napkins and 20 tampons.
 - 1. Coin mechanism: 25-cent coin operation, with locked coin box keyed separately. Wrong coins by-pass mechanisms and drop into product tray. Provide graphic showing indicated coin denomination.
 - a. Cost: 25-cents
 - 2. Operation: ADA compliant push button dispensing. All operations shall be mechanical.
- BELOW FOR RECESSED UNITS (REQUIRES FULL 4 TO 5-1/2 INCH DEEP CAVITY). UNIT BELOW IS ADA COMPLIANT IF LOCATED PROPERLY.**
- 3. Product: Bobrick B-3706 series (recessed or semi-recessed); or, subject to compliance with requirements, equivalent products of other approved mfrs.

BELOW FOR SURFACE MOUNTED UNITS. UNIT BELOW PROTRUDES FROM WALL 8" AND IS NOT ADA COMPLIANT IF LOCATED ALONG A PATH OF TRAVEL.

4. Product: Bobrick B-2706 (surface mounted); or, subject to compliance with requirements, equivalent products of other approved mfrs.

2.14 FOLDING PURSE SHELF

- A. Shelf and bracket fabricated of heavy cast Zamak with bright chrome plated finish, for partition mounting.
 1. Product: Bobrick B-287; or, subject to compliance with requirements, equivalent products of other approved manufacturers.

2.15 SANITARY NAPKIN/TAMPON DISPOSAL UNITS

COORDINATE WITH OTHER WALL MOUNTED ITEMS, PARTICULARLY IN ACCESSIBLE STALLS / ROOMS.

- A. Type 304 stainless steel construction, with piano-hinged door.

BELOW FOR PARTITION MOUNTED UNITS

1. Product: Bobrick B-354 (double sided, for through-partition mounting); or, subject to compliance with requirements, equivalent products of other approved mfrs.

BELOW FOR WALL MOUNTED UNITS. SELECT RECESSED OR SURFACE MOUNTED UNITS AS APPLICABLE. MAINTENANCE PREFERS RECESSED WHENEVER POSSIBLE.

2. Product: Bobrick B-353 (recessed); or, subject to compliance with requirements, equivalent products of other approved mfrs.
3. Bobrick B-254 (surface mounted); or, subject to compliance with requirements, equivalent products of other approved mfrs.

2.16 STAINLESS STEEL SHELVES

- A. Type 304 stainless steel construction, 18 gauge thickness with polished satin finish. Pan type construction with edges turned down not less than 3/4 inches on all sides; and complete with integrally welded stainless steel brackets at manufacturer's standard spacing.

1. Depth: 6 inches.

LENGTHS FROM 16 INCHES TO 96 INCHES AVAILABLE IN 2-INCH INCREMENTS - CONSULT CATALOG.

2. Length: 24 [SPECIFY OTHER] inches.
3. Product: Bobrick B-296 series; or, subject to compliance with requirements, equivalent products of other approved mfrs.

2.17 JANITORIAL UTILITY SHELVES

- A. Type 304 stainless steel construction, 18 gauge thickness with polished satin finish; 8-inch depth. Pan type construction with edges turned down not less than 1-1/2 inches on all sides, and complete with rag bar, rag hooks, mop hooks, and integrally welded stainless steel brackets.

1. Length: 30 inches; not less than 3 mop holders and 2 rag hooks.

2. Length: 36 inches; not less than 4 mop holders and 3 rag hooks.
3. Length: 48 inches; not less than 6 mop holders and 5 rag hooks.
4. Product: Bobrick B-224 series; or, subject to compliance with requirements, equivalent products of other approved mfrs.

2.18 MIRRORS

- A. Provide framed glass mirror units of standard or custom sizes as indicated, and as follows:

1. Frames: Provide glass mirror units with UNS 30302/30304 stainless steel channel frames, 1/2-inch by 1/2-inch, no. 4 finish, and with mitered corners.

BELOW IS TEMPERED GLASS. ANNEALED AND LAMINATED ARE ALSO AVAILABLE. CONSIDER LESS EXPENSIVE ANNEALED GLASS ALTERNATIVE FOR NON-STUDENT, NON-PUBLIC AREAS.

2. Mirror: Provide units with 1/4 inch thick tempered glass, Type I, Class 1, Quality q2, conforming to FS DD-G-451, with silvering, copper coating, and protective organic coating complying with FS DD-M-411.

DELETE BELOW IF NO STAINLESS STEEL MIRRORS. USE WHERE SECURITY OR IMPACT DAMAGE ARE CONSIDERATIONS.

3. Mirror: Bright polished, 22 gage, UNS 51430 stainless steel sheet.

DELETE BELOW IF NO SHELF. SHELF TYPICALLY CONFLICTS WITH FAUCETS WHEN MIRRORS ARE SET AT ADA HEIGHT.

4. Mirror Shelf: Where indicated on drawings, provide 4 inch deep, satin finished stainless steel units, full length of mirror.

- B. Product: Provide the following product, or equivalent products of other approved manufacturers:

1. Bobrick B-165 series.

DELETE BELOW IF NO SHELF.

2. Bobrick B-166 series (with shelf.)

VERTICAL WALL MOUNTED BABY CHANGING STATION ALSO AVAILABLE FOR TIGHT SPACES. SEE MANUFACTURER'S CATALOG. HORIZONTAL MODEL PREFERRED.

2.19 DIAPER-CHANGING STATION:

- A. Description: Horizontal unit that opens by folding down from stored position and with replaceable child-protection strap.

1. Engineered to support a minimum of 250-lb static load when opened.
2. Comply with ASTM F2285 Standard Consumer Safety Performance Specification for Commercial Use.

- B. Mounting: Surface mounted, with unit projecting not more than 4 inches from wall when closed.

- C. Operation: By pneumatic shock-absorbing mechanism.

SELECT ONE OF THE FOLLOWING MATERIALS. STAINLESS IS MORE EXPENSIVE BUT MORE DURABLE - CONSIDER IN HIGH USE AREAS.

- D. Material and Finish: Stainless steel, No. 4 finish (satin), with replaceable insulated polystyrene tray liner and rounded plastic corners.
- E. Material and Finish: Blow-molded high-density polyethylene, cream color, with antimicrobial additive, with reinforce full length steel-on-steel hinge and 11 gauge steel mounting plates.
- F. Liner Dispenser: Built in.
- G. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Brocar Products, Inc.
 - 2. Koala Care Products, a division of Bobrick.
 - 3. Synergy Management.

2.20 ADULT CHANGING STATIONS

- A. Description: Foldable, electrically powered adjustable height, adult-changing station with folding guard rail, and safety straps with adjustable buckles.
- B. Applicable Standards:
 - 1. ICC ANSI A117.1 Supplement 1: Adult Changing Table
 - 2. UL certified for US.
 - 3. UL 962 & C22.2 No. 68
 - 4. Full IEC 60601-1 certified including US, EU and Canadian differences
 - 5. C22.2 No. 60601-1-14; ANSI/AAMI ES60601-1:2005, A1:2012, C1: 2009, A2:2021; EN 60601-1: 2006 + A2: 2021
 - 6. Class 1 electrical system to protect against electrical shock.
 - 7. IK10: High Impact Resistant
 - 8. IPX4: Water Resistant
 - 9. ISO 60601-1 and -2 medical and electrical devices whole product certification.
- C. Height adjustable: Changing surface for an adjustable height between 12-inches to 39-inches above finished floor.

ANSI A117.1 2017 REQUIRES CHANGING SURFACE HEIGHT TO BE ADJUSTABLE AT VARIABLE HEIGHTS FROM 17-INCHES MINIMUM TO 38-INCHES MAXIMUM ABOVE FINISHED FLOOR TO TOP OF CHANGING SURFACE.

- 1. Powered, integrated controls within ADA reach ranges and operated by single hand.
 - 2. Emergency stop feature.
 - 3. Grounded cord.
 - 4. Battery backup for safe lowering in event of power loss.
- D. Changing surface size: Minimum 72-inches long x 32-inches wide surface.

ANSI A117.1 2017 REQUIRES CHANGING SURFACE TO BE MINIMUM 70-INCHES IN LENGTH AND 30-INCHES IN WIDTH.

- E. Load Capacity: Materials, fastening mounting device and support structure shall be engineered to support a user weight of not less than 500-pounds on changing surface.

ANSI A117.1 2017 REQUIRES SUPPORT FOR A USER WEIGHT OF NOT LESS THAN 400 POUNDS.

- F. Durability: Cycle tested through range of motion 28,000 times at 500lbs. Stress tested to 100,000 cycles with 500-pound. bounce load test.
- G. Changing surface to be foldable to closed position when not in use.
1. Closed depth not to exceed 10-inches from surface of mounting wall.
- H. Folding front safety rail that is manually operable by one hand, requiring less than 5-pounds of force.
- I. Materials:
1. Vandal-resistant
 2. Rust free for wet environments.
 3. Cleanable, smooth surfaces that can withstand disinfectants.
 - a. No absorbent mattress.
 4. No removable parts or exposed wires.
 5. Product to withstand significant exposure to water without damage to its electrical components for the purpose of being hosed down to clean.
- J. Provide manufacturer's signage indicating weight capacity and instructions for operation of changing station.
- K. Products:
1. Koala Kare: KB3000-AHL Adult Changing Station
 2. Max-Ability: Pressalit CT 3000 Adult Changing Table
 3. Max-Ability: Pressalit CT 4000 (VersaMax) Adult Changing Table
- BELOW OPTION HAS ELETRIC FOLD CLOSE FEATURE.**
4. Max-Ability: Pressalit CT 4100 (VersaMax) Adult Changing Table

PART 3 - EXECUTION

3.1 INSTALLATION

- A. General: Install toilet accessory units in accordance with manufacturer's instructions, using fasteners appropriate to substrate and recommended by manufacturer of unit. Install units plumb and level, firmly anchored in locations indicated. Secure mirrors to walls in tamperproof manner with special hangers, toggle bolts, or screws.
- B. Adjust toilet accessories for proper operation and verify that mechanisms function smoothly.
- C. Clean and polish all exposed surfaces after removing protective coatings. Clean exposed surfaces of mirror units in compliance with manufacturer's recommendations.

CONSIDER INCLUDING THE SCHEDULE BELOW IF HELPFUL.

3.2 SCHEDULE

- A. In each toilet room marked "Men's Toilet" on plans, provide the following toilet accessory units:

1. Grab Bars: Configuration as shown in toilet marked "Handicap".
2. Soap Dispenser: 1 at each sink.
3. Toilet Paper Dispenser: 1 in each toilet stall.
4. Paper Roll Towel Dispenser: 1 within room.
5. Stainless Steel Shelf: 1 within room.
6. Mirror Units: 1 over each sink.

IF DESIRED BY CLIENT, ADD DIAPER CHANGING STATION.

7. Diaper Changing Station: 1 within room.

- B. In each toilet room marked "Women's Toilet" on plans, provide the following toilet accessory units:

1. Grab Bars: Configuration as shown in toilet marked "Handicap".
2. Soap Dispenser: 1 at each sink.
3. Toilet Paper Dispenser: 1 in each toilet stall.
4. Paper Roll Towel Dispenser: 1 within room.
5. Sanitary Napkin/Tampon Dispenser: 1 within room.
6. Folding Purse Shelf: 1 in each toilet stall.
7. Sanitary Napkin Receptacles: As indicated on drawings, but with access to one in each toilet stall.
8. Stainless Steel Shelf: 1 within room.
9. Mirror Units: 1 over each sink.

IF DESIRED BY CLIENT, ADD DIAPER CHANGING STATION.

10. Diaper Changing Station: 1 within room.

- C. In each room marked "Janitor's Closet" on plans, provide the following toilet accessory units:

1. Janitorial utility shelves: 1 unit within room.

END OF SECTION 102800