

SECTION 10000 - MISCELLANEOUS ACCESSORIES

PART 1 - GENERAL

RELATED DOCUMENTS:

Drawings and general provisions of Contract, including General and Supplementary Conditions and Division-1 Specification sections, apply to work of this section.

DESCRIPTION OF WORK:

Provide and install the specified products as indicated on the plans and described in the specifications.

NOTE: ALL ITEMS LISTED ARE SPECIFIC MODEL NUMBERS BY SPECIFIC MANUFACTURERS; HOWEVER, EQUAL PRODUCTS BY OTHER MANUFACTURER'S OF SIMILAR PRODUCTS WILL BE ACCEPTED UPON APPROVAL (either before or after bidding) BY ARCHITECT. FINAL DECISION OF EQUALITY WILL BE BASED ON ALL QUALITIES AND QUANTITIES OF THE NAMED PRODUCT.

SUBMITTALS:

Product Data: Submit manufacturer's specifications and installation instructions for each of the listed products. Include any operation and maintenance instructions as applicable.

DELIVERY, STORAGE AND HANDLING:

Deliver materials and products in original packages either assembled or "knocked-down" for field assembly.

Store materials inside, under cover and in a manner acceptable to the manufacturer of each product.

PART 2 - PRODUCTS

INTERIOR SIGNAGE:

Furnish and install the following color plastic backing with frosted acrylic overlay signs with 1/32" raised lettering and braille copy meeting ADA and ANSI A117.1 requirements.

Type MP Plastic: Best Signs HC-300 Series, Mohawk 200 series, Baynuk Graphic Systems, Blasted Melamine Product Line or approved equal.

Sign Sizes: 8" x 8" x 1/8" .

Corners: Eased Square edge.

Color: To be selected by Architect.

Lettering Font: selected by Architect in Theatre or Art Deco Style font such as "Paulistana Deco".

Installation of Door Signage per manufacturer's standard adhesive method. Locate signs as directed by Architect.

Provide the following types and quantities of signage:

2 - toilet signs (1 Man symbol and 1 Woman symbol, plus 1 Wheelchair symbol)

8" wide x 8" tall, for interior door application
1" high "FAMILY RESTROOMS"
Braille copy
Raised International Men and Women's and HC symbol

2 - toilet signs (1 Man symbol or 1 Woman symbol, plus 1 Wheelchair symbol)

8" wide x 8" tall, for interior door application
1" high "MEN" or "WOMEN"
Braille copy
Raised International Men or Women's and HC symbol

1 - Individual toilet signs (1 Man symbol and/or 1 woman symbol with Wheelchair ADA symbols)

8" wide x 8" tall, for interior door application
1" high "RESTROOM SALON"
Braille copy
Raised International Men and/or Women's and HC symbol

7 - Signs for individual doors. 8" wide x 8" tall, for interior door application.

1" high room **NAME** text up to 20 characters.
braille copy.)

KITCHEN And TV EQUIPMENT Hook-up:

The General Contractor will make arrangements with the plumbing, electrical and mechanical subcontractors for the final hook-up of connections to the Owner's Allowance for Kitchen Appliances. Appliances selections directed by the Owner shall be received by G.C., set in place, and hooked up to their required utilities.

Kitchen Equipment to be installed consists of standard residential kitchen equipment in Bar 104 and Closet 103: 1 and 1 ADA undercabinet mounted ice machine and dishwasher, 1 freestanding microwave and 3 wall hung TV's and TV wall Brackets will be selected by the Owner for use and paid by the Kitchen & TV Equipment allowance.,

EGG CRATE DIFFUSER LENS: (TOILET ROOMS OVER TOILETS & URINALS)

Provide a continuous length of parabolic lens panel of open eggcrate design of rigid reflective "champagne" finished plastic. Size shall be fit to lay-in Ceiling grid built into the recess ceiling lightbox detailed on the drawings. (1" x 1" x 1" thick eggcrate panel approximately 8" wide x continuous length over toilets and urinals.)

TEMPLATE FOR IDENTIFYING RATED WALLS:

Contractor shall provide labeling of all rated walls in new or renovated construction in concealed spaces in accordance with N.C. Building Code requirements for protection of fire rated openings. Labeling must be permanent but can be sprayed using a template stenciling format or adhered sign. Minimum letter height 4". Provide wall rating identification above the ceiling at 20 feet on center intervals.

PART 3: EXECUTION:

INSTALLATION:

Install units in accordance with manufacturer's instructions. Securely anchor to adjacent walls and/or floors with concealed devices as applicable for product specified.

Coordinate with other trades as necessary for proper and timely installation.

ADJUST AND CLEAN:

Ensure that operating parts work freely and fit neatly. Adjust hardware and moving parts as necessary.

Repair or replace damaged parts, dents, buckles, abrasions, or other defect affecting appearance or serviceability.

Clean all products prior to time of final inspection.

END OF SECTION 10000

SECTION 10155 – TOILET COMPARTMENTS

PART 1 - GENERAL

RELATED DOCUMENTS

Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

SUMMARY

This Section includes stock, manufactured toilet, shower and dressing compartments.

Types of toilet, shower and dressing compartments include:

Solid Phenolic Core with Face Laminate.

Styles of toilet, shower and dressing compartments include:

Floor-anchored, overhead-braced.

Styles of urinal screens include:

Floor-anchored, overhead braced.

Toilet accessories, such as toilet paper holders, grab bars, and purse shelves, are specified in another Division 10 Section.

SUBMITTALS

General: Submit the following in accordance with Conditions of Contract and Division 1 Specification Sections.

Product data for materials, fabrication, and installation including catalog cuts of anchors, hardware, fastenings, and accessories.

Shop drawings for fabrication and erection of toilet, shower and dressing compartment assemblies not fully described by product drawings, templates, and instructions for installation of anchorage devices built into other work.

Samples of full range of colors for each type of unit required. Submit 6-inch-square samples of each color and finish on same substrate to be used in work, for color verification after selections have been made.

QUALITY ASSURANCE

Field Measurements: Take field measurements prior to preparation of shop drawings and fabrication, where possible, to ensure proper fitting of work. However, allow for adjustments where taking of field measurements before fabrication might delay work.

Coordination: Furnish inserts and anchorages which must be built into other work for installation of toilet and dressing compartments and related items. Coordinate delivery with other work to avoid delay.

PART 2 - PRODUCTS

MANUFACTURERS

Available Manufacturers: Subject to compliance with requirements, manufacturers offering products which may be incorporated in the Work include, but are not limited to, the following:

Solid Phenolic Core (Black Core) with High Pressure Melamine Face on both sides:

Custom Laminate colors: **Provide one custom laminate color selected by the architect for all stall and screen walls, and one custom laminate color for the stall doors. Colors to be selected by the Architect from Wilsonart or Nevamars full range of standard laminates.**American Sanitary Partition

Corp.

Bobrick Washroom Equipment, Inc.

Capitol Partitions, Inc.

Columbia Partitions, Inc. (PSISC)

Sanymetal Products Corp.

MATERIALS

General: Provide materials which have been selected for surface flatness and smoothness. Exposed surfaces which exhibit pitting, seam marks, roller marks, stains, discolorations, telegraphing of core material, or other imperfections on finished units are not acceptable.

Core Material for Melamine Laminate: Solid phenolic core with face laminate fused to substrate in fabrication with no glue line or seam visible; doors and pilasters minimum 3/4" finished thickness; and divider panels minimum 1/2" finished thickness.

Stirrup Brackets: Manufacturer's standard design for attaching panels to walls and pilasters, either chromium-plated nonferrous cast alloy ("Zamac") or anodized aluminum.

Note: Modify manufacturer's standard wall bracket method to a pair of continuous 2" x 2" x full height of partition stainless steel angle brackets. Bolt each angle to wall at maximum 16" o.c. with screws and expansion shields.

Hardware and Accessories: Manufacturer's standard design, heavy duty operating hardware and accessories of chromium-plated, nonferrous cast alloy ("Zamac").

Overhead Bracing: Continuous extruded aluminum, antigrip profile, with clear anodized finish.

Note overhead bracing of all urinal screens is required.

Anchorage and Fasteners: Manufacturer's standard exposed fasteners of stainless steel, chromium-plated steel, or brass, finished to match hardware, with theft-resistant-type heads and nuts. For concealed anchors, use hot-dip galvanized, cadmium-plated, or other rust-resistant protective-coated steel.

FABRICATION

General: Furnish standard doors, panels, screens, and pilasters fabricated for compartment system. Furnish units with cutouts, drilled holes, and internal reinforcement to receive partition-mounted hardware, accessories, and grab bars, as indicated.

Door Dimensions: Unless otherwise indicated, furnish 24-inch-wide in-swinging doors for ordinary toilet stalls and 32-inch-wide (clear opening) out-swinging doors for stalls equipped for use by handicapped.

NOTE: Handicapped Stall Doors (marked H.C. but no less than one per toilet with stalls) SHALL SWING OUT AND PROVIDE CLEAR ACCESS OF 36" WIDE.

Hardware: Furnish hardware for each compartment to comply with ANSI A117.1 for handicapped accessibility and as follows:

Hinges: Cutout inset type, adjustable to hold door open at any angle up to 90 degrees. Provide gravity type, spring-action cam type, or concealed torsion rod type to suit manufacturer's standards.

Latch and Keeper: Manufacturer's standard surface-mounted latch unit, designed for handicapped accessibility, with combination rubber-faced door strike and keeper.

Provide ADA compliant lever handle latches at all handicap stalls.

Coat Hook: Manufacturer's standard unit, combination hook and rubber-tipped bumper, sized to prevent door hitting mounted accessories.

Door Pull: Manufacturer's standard unit for out-swinging doors. Provide pulls on both faces of handicapped compartment doors.

FINISHES

Color: Custom colors as selected by Architect.

PART 3 - EXECUTION

INSTALLATION

General: Comply with manufacturer's recommended procedures and installation sequence. Install compartment units rigid, straight, plumb, and level. Provide clearances of not more than 1/2 inch between pilasters and panels, and not more than 1 inch between panels and walls. Secure panels to walls with not less than two stirrup brackets attached near top and bottom of panel. Locate wall brackets so that holes for wall anchorages occur in masonry or tile joints. Secure panels to pilasters with not less than two stirrup brackets located to align with stirrup brackets at wall. Secure panels in position with manufacturer's recommended anchoring devices.

Overhead-Braced Compartments: Secure pilasters to floor and level, plumb, and tighten installation with devices furnished. Secure overhead brace to each pilaster with not less than two fasteners. Hang doors and adjust so that tops of doors are parallel with overhead brace when doors are in closed position.

Screens: Attach with anchoring devices as recommended by manufacturer to suit supporting structure. Set units to provide support and to resist lateral impact.

ADJUST AND CLEAN

Hardware Adjustment: Adjust and lubricate hardware for proper operation. Set hinges on in-swinging doors to hold open approximately 30 degrees from closed position when unlatched. Set hinges on out-swinging doors (and entrance swing doors) to return to fully closed position.

Clean exposed surfaces of partition systems using materials and methods recommended by manufacturer, and provide protection as necessary to prevent damage during remainder of construction period.

END OF SECTION 10155

SECTION 10800 - TOILET ACCESSORIES

PART 1 - GENERAL

RELATED DOCUMENTS:

Drawings and general provisions of Contract, including General and Supplementary Conditions and Division-1 Specification sections, apply to work of this section.

SUMMARY

This section includes toilet and bath accessory items as scheduled. Mounting of accessories provided by owner is part of the work. Stainless steel framed mirrors to be provided as indicated on drawings.

SUBMITTALS:

Product data for each toilet accessory item specified, including construction details relative to materials, dimensions, gages, profiles, mounting method, specified options, and finishes.

QUALITY ASSURANCE:

Inserts and Anchorages: Furnish inserts and anchoring devices which must be set in concrete or built into masonry; coordinate delivery with other work to avoid delay.

Accessory Locations: Coordinate accessory locations with other work to avoid interference and to assure proper operation and servicing of accessory units.

PART 2 - PRODUCTS

ACCEPTABLE MANUFACTURERS:

Available Manufacturers: Subject to compliance with requirements, manufacturers offering toilet accessories which may be incorporated in the work include, but are not limited to, the following:

Accessory Specialties, Inc.
American Dispenser Co.
Bobrick Washroom Equip., Inc.
Bradley Corp.

MATERIALS, GENERAL:

Stainless Steel: AISI Type 302/304, with polished No. 4 finish, 22 gage minimum, unless otherwise indicated.

Sheet Steel: Cold rolled, commercial quality ASTM A 366, 20 gage minimum, unless otherwise indicated. Surface preparation and metal pretreatment as required for applied finish.

Galvanized Steel Sheet: ASTM A 527, G60.

Chromium Plating: Nickel and chromium electro-deposited on base metal, ASTM B 456, Type SC 2.

Mirror Glass: Nominal 6.0-mm (0.23 inch) thick, conforming to ASTM C 1036, Type I, Class 1, Quality q2 and with silvering, electro-plated copper coating, and protective organic coating.

Galvanized Steel Mounting Devices: ASTM A 386, hot-dip galvanized after fabrication.

Fasteners: Screws, bolts, and other devices of same material as accessory unit or of galvanized steel where concealed.

PAPER TOWEL DISPENSERS:)

Towel dispensers: Fabricate of stainless steel with hinged front equipped with tumbler lockset. Provide pierced slots at sides as refill indicators. Provide one dispenser for each toilet lavatory sink and each service sink (3) . (None required at kitchen or kitchenette sinks)

Capacity: Not less than either 300 C-fold or 400 multifold paper towels without special adapters.

TOILET TISSUE DISPENSERS:

Double-Roll Dispenser: Size to accommodate two separate stacked rolls of core type tissue to 5-inch diameter roll. Provide one unit per each toilet location

Fabrication: Spindless, chrome-plated, steel construction with tension-spring delivery control; designed for surface mounting, self-locking device extends through core and prevents core removal until roll is empty.

WASTE RECEPTACLES (BY OWNER):

GRAB BARS:

Stainless Steel Type: Provide grab bars with thickness not less than 18 gage and as follows:

Mounting: Concealed, manufacturer's standard flanges and anchorages.

Clearance: 1-1/2 inch clearance between wall surface and inside face of bar.

Gripping Surfaces: Manufacturer's standard non-slip texture.

Medium-Duty Size: Outside diameter of 1-1/2 inch.

SOAP DISPENSERS:

Liquid Soap Dispenser, Vertical Tank Type: Fabricate for surface mounting, sized for 40-fluid-ounce minimum capacity. Provide stainless steel piston, springs, and internal parts designed to dispense soap in measured quantity by pump action and with integral check valve to prevent leaking with less than 5 lb. of

force required for handicapped barrier free accessible use. Provide cover of Type 304 stainless steel 22 gauge in No. 4 Satin Finish, with unbreakable window-type refill indicator.

Equip unit with push-type valve for dispensing soap in liquid form. Provide concealed vandal resistant mounting

Provide one soap dispenser for every toilet sink location.

MIRROR UNITS:

Standard Stainless Steel Framed Mirror Units: Fabricate frame with channel shapes not less than 0.04 inch (20 gage), with square corners carefully mitered to hairline joints and mechanically interlocked. Provide in Type 304 bright polished finish.

FABRICATION:

General: Stamped names or labels on exposed faces of toilet accessory units are not permitted, except where otherwise indicated; unobtrusive labels on surfaces not exposed to view are acceptable. Where locks are required for a particular type of toilet accessory, provide same keying throughout project. Furnish two keys for each lock.

Surface-Mounted Toilet Accessories, General: Except where otherwise indicated, fabricate units with tight seams and joints, exposed edges rolled. Hang doors or access panels with continuous stainless steel piano hinge. Provide concealed anchorage wherever possible.

Recessed Toilet Accessories, General: Except where otherwise indicated, fabricate units of all-welded construction, without mitered corners. Hang doors or access panels with full-length, stainless steel piano hinge. Provide anchorage that is fully concealed when unit is closed.

Framed Mirror Units, General: Fabricate frames for glass mirror units to accommodate wood, felt, plastic, or other glass protection material. Provide mirror backing and support system that will permit rigid, tamperproof glass installation and prevent moisture accumulation, as follows:

Provide galvanized-steel backing sheet, not less than 0.034 inch (22 gage) and full mirror size, with nonabsorptive filler material. Corrugated cardboard is not an acceptable filler material.

Mirror Unit Hangers: Provide system for mounting mirror units that will permit rigid, tamperproof, and theft proof installation, as follows:

One-piece, galvanized-steel, wall-hanger device with spring-action locking mechanism to hold mirror unit in position with no exposed screws or bolts.

Keys: Provide universal keys for access to toilet accessory units requiring internal access for servicing, resupply, etc. Provide minimum of six keys to Owner's representative.

PART 3 - EXECUTION

INSTALLATION:

Install toilet accessory units in accordance with manufacturers' instructions, using fasteners which are appropriate to substrate and recommended by manufacturer of unit. Install units plumb and level, firmly anchored in locations as directed by Architect.

Secure mirrors to walls in concealed, tamperproof manner with special hangers, toggle bolts, or screws. Set units plumb, level, and square at locations indicated, according to manufacturer's instructions for type of substrate involved.

Install grab bars to withstand a downward load of at least 250 lbf, complying with ASTM F 446.

Install all toilet accessory units at mounting heights required by the current edition of the "ADA" Handicap Code

ADJUST AND CLEAN:

Adjust toilet accessories for proper operation and verify that mechanisms function smoothly.

Clean and polish all exposed surfaces after removing protective coatings.

SCHEDULE OF TOILET ACCESSORIES

Manufacturer: Model numbers of toilet accessories listed below are those of Bobrick Washroom Equipment, Inc., unless otherwise indicated. See drawings for quantity and locations.

Grab bars	Type I	B-6806 x42" (1 req'd at each HC toilet)
	Type II	B-6806 x36" (split bar if necessary for installation over flush valve) (1 required at each HC toilet)
	Type III	B-6806 x 18"(Vertical HC Bar at each HC toilet)
Jumbo Toilet Tissue Dispenser		B-2890 (one at each toilet)
Paper Towel Dispenser		B-262 (3 required for Family Toilets/bar closet)
Hand Dryer		Xcelerator XL-W (White) 120 volts (4 required) with "White" ADA compliant Recess Kit
TouchlessWall Mounted Soap Dispenser		"White Unit" By Owner . (6 required)
Sanitary napkin disposal		B-270 one at each Women's toilet stall and Family Stalls (9 required)
Framed Sink Mirrors (#9)		B-290 18" x 36" (one at each group toilet lavatory)
Framed Sink Mirrors (#9A)		Gold Finish Edge (6 required)
Full length Mirrors		B-290 24" x 36" (one at each Family lavatory and make up counter) Gold Finish Edge (3 required)
		B290-2460 (one in each restroom – new and existing)
Waste receptacles		(4 req'd.) Gold Finish Edge By Owner
Horizontal Baby Changing Station		"White" unit - 35" wide x 20" deep by Koala Corp. or equal (4 required) One in each toilet area.

All mirrors shall be shatterproof.

Verify mounting height requirements for toilet assessories with Architect. Mount all assessories per N.C. Handicap code.

END OF SECTION 10800

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