

SECTION 10160
METAL TOILET COMPARTMENTS

PART 1 GENERAL

1.1 SUMMARY

- A. Contract Conditions: Work of this Section is bound by the Contract Conditions and Division 1, bound herewith, in addition to this Specification and accompanying Drawings.
- B. Provide toilet partitions, screens and shower privacy screens.
 - 1. Floor supported, overhead braced partitions.
 - 2. Floor supported, overhead braced screens.
- C. Related Sections:
 - 1. Blocking and backing: Section 06100.
 - 2. Joint Sealer: Section 07910.
 - 3. Toilet Accessories: Section 10800.

1.2 SUBMITTALS

- A. Samples:
 - 1. One of each item of hardware including brackets, fasteners, and trim.
 - 2. Two 12" X 12" pieces of selected colors of powder coated steel.
 - 3. One 12" X 12" sample of panel showing finished edge on two sides and core construction on two sides.
- B. Shop Drawings:
 - 1. Show fabrication and erection of partitions assemblies, to extent not fully described by manufacturer's data sheet.
 - 2. Show anchorage, accessory items, and finishes.
 - 3. Show partition plan and elevation views, dimensions, details of wall and floor supports, and door swings.
- C. Manufacturer's Literature:
 - 1. Manufacturer's Data Sheet.
 - 2. Installation instructions.
 - 3. Maintenance instructions.

PART 2 PRODUCTS

2.1 TOILET PARTITIONS & SCREENS

- A. Acceptable manufacturer: Accurate Partitions.
- B. Metal Toilet Compartment:
 - 1. Floor supported, overhead-braced type, flush partitions, doors, and pilasters.
 - 2. Color: Light Gray 990.
- C. Screens:
 - 1. Floor supported, overhead-braced type, flush partitions, doors, and pilasters.
 - 2. Color: Same as toilet compartments.

- D. Powder Coated Steel Panels:
1. Doors, panels and pilasters shall be constructed of two sheets of 22-gauge, galvanized, stretcher-leveled quality steel formed and bonded under pressure with a non-toxic adhesive to a resin-impregnated, sound-deadening honeycomb core.
 2. Doors and panels shall be 1" thick. Molding corners shall be welded to each other and to face sheets and ground smooth to form a rigid frame around the component.
 3. Pilasters shall be 1-1/4" thick. The perimeter shall be sealed with a 22-gauge steel interlocking molding. An inverted stirrup with a jack bolt for leveling during installation and permanent height adjustment shall be welded within the base of each pilaster. "L" brackets shall be coupled to the stirrup bracket and floor for full range adjustment. A shoe shall conceal each mounting, having an internal cross section conforming to the pilaster, and being formed of type 304 stainless steel #4 finish.
 4. Headrail shall be provided to bridge all compartments and brace the end freestanding pilasters to the wall; the headrail shall be anodized aluminum satin finish, contoured to provide anti-grip feature.
 5. All units shall be cleaned prior to application a backed hybrid powder coating of at least 1.3 mil thickness.
 6. Color as selected by Architect from manufacturer's standard colors. Four colors may be required.
- E. All mounting brackets, hardware, and fittings shall be institutional stainless steel type 304 satin finish, extra heavy duty 16 gauge, theft resistant, one way screws fastened into threaded metal inserts.

PART 3 EXECUTION

3.1 PANELS AND SCREENS

- A. Examination:
1. Verify that site conditions are ready to receive work and opening dimensions are as indicated on shop drawings.
 2. Verify correct spacing of plumbing fixtures.
 3. Verify correct location of built-in framing, anchorage, and bracing, where required.
 4. Notify Contractor of any deficiencies which will affect installation.
 5. Do not proceed with installation until corrections are complete.
 6. Beginning of installation means acceptance of existing surfaces.
- B. Installation:
1. Install materials and systems in accordance with manufacturer's instructions, and recommendations, and approved submittals.
 2. Install materials and systems in proper relation with adjacent construction and with uniform appearance.
 3. Coordinate with work of other sections.
 4. Limit openings between panels, doors and pilasters to less than 1/2".
 5. Full length continuous wall brackets shall be used for all panel to pilaster, pilaster to wall and panel to wall connections. Where wainscot or other finish materials are not true to line provide solid continuous shim for bracket.

6. Wall brackets shall be pre-drilled by manufacturer with holes spaced every 6" along full length of brackets.
 7. Wall brackets shall be through bolted panels and pilasters with one way sex bolts.
 8. Attachment of brackets to adjacent wall construction shall be by theft proof stainless steel mushroom nail in head anchor directly behind the vertical edge of panels and plasters at every 12" along the full length bracket and No. 5 plastic anchors and No. 14 x 1-1/4" stainless steel Phillips-head screws at each 12" interval alternately spaced between anchor connections.
 9. Extend panel at end of layout up to top of pilaster.
 10. Provide headrails over doors and over panel at end of layout.
 11. Locate headrail joints at pilaster center lines.
 12. Attach headrail to tops of pilasters and headrail brackets by thru-bolting with one way sex bolts.
 13. Provide adjustment for floor variations with screw jack through steel saddles integral with pilaster.
 14. Conceal floor fastenings with pilaster shoes.
 15. Equip each door with two hinges, one door latch, and one coat hook and bumper.
 16. Install door strike and keeper with door bumper on each pilaster in alignment with door latch.
 17. Adjust hinges to locate doors in partial open position when unlatched. Return out swing doors to closed position.
- C. Restore damaged finishes. Adjust hardware, clean and protect work from damage.

END OF SECTION 10160

SECTION 10440
SPECIALTY SIGNS

PART 1 GENERAL

1.1 SUMMARY

- A. Contract Conditions: Work of this Section is bound by the Contract Conditions and Division 1, bound herewith, in addition to this Specification and accompanying Drawings.
- B. Provide specialty interior building signage.

1.2 SUBMITTALS

- A. Shop Drawings:
 - 1. Showing location, size and configuration of each sign.
 - 2. Show actual lettering copy and symbols.
 - 3. Show connection and anchoring details.
 - 4. Provide template if required.
- B. Sample
 - 1. Provide physical sample of each type sign required for project.
 - 2. Color shall be applied to material for actual color to be supplied.
 - 3. Sample may be one of the required signs, upon approval sample maybe installed in project.

1.3 QUALITY ASSURANCE

- A. Comply with all governing codes and regulations. Provide products of acceptable manufacturers which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

PART 2 PRODUCTS

2.1 SIGNAGE

- A. Interior Room Signage:
 - 1. ADA Accessibility Signage, Unframed acrylic plaque, 0.250 inch thick, 6" wide x 8" high with rounded corners, white international handicap accessibility symbol over blue background, and Grade 2 Braille. 96 point (1") Helvetica Medium type style, upper case letters, minimum 1/32" raised text thickness, white color. M-3A mounting method. Mounting location directed by Architect. "LAR 0608" by CAS (A David Rothstein Inc. Co.), or approved.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install materials and systems in accordance with manufacturer's instructions, and recommendations, and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Restore damaged finishes. Clean and protect work from damage.

END OF SECTION 10440

SECTION 10800
TOILET ACCESSORIES

PART 1 GENERAL

1.1 SUMMARY

- A. Contract Conditions: Work of this Section is bound by the Contract Conditions and Division 1, bound herewith, in addition to this Specification and accompanying Drawings.
- B. Provide toilet accessories at toilet rooms.
- C. Related Sections:
 - 1. Backing and Blocking: Section 06400.

1.2 SUBMITTALS

- A. Manufacturer's Literature:
 - 1. Provide accessories schedule, indicate room number and items required.
 - 2. Provide product data on accessories describing size, finish, details of function, attachment methods.

1.3 QUALITY ASSURANCE

- A. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Install work in conformance with 1997, UBC Oregon Amended Chapter 11, Accessibility.
- C. Coordinate the work of this Section with the placement of internal wall reinforcement and reinforcement of toilet partitions to receive anchor attachments.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable manufacturers, Bobrick; Bradley Corp.; Accessory Specialties; Charles Parker; General Accessories Manufacturing Co., or approved.

2.2 SCHEDULE

- A. Toilet Room Grab Bar:
 - 1. Furnish Bobrick No. B-6806 Series, or approved equivalent.
 - 2. Type 304 stainless steel 1 ½" O.D.
 - 3. Satin finish grab bars in toilet rooms, of lengths and shapes shown.
 - 4. Mounting conditions as required for wall construction on which they are mounted.
- B. Paper Towel Dispenser.

1. Owner Furnished
 2. Install at ADA height
- C. Soap Dispenser:
1. Owner Furnished
 2. Install at ADA height
- D. Toilet Paper Dispenser:
1. Owner Furnished
 2. Install at ADA height
- E. Toilet Seat Cover Dispenser:
1. Toilet seat dispenser, 1 per stall B-221, surface mounted.
 2. Owner furnished.
- F. Towel Hooks:
1. Furnish bright polished stainless steel towel hook similar to Bobrick's B-677.
- G. Folding Shower Seat:
1. Furnish stainless steel brackets and solid phenolic slats, similar to Bobrick's B5181.
- H. Shower Curtain Rod:
1. Furnish heavy duty stainless steel 20 gauge curtain rod similar to Bobrick's B6107.
- I. Shower Curtain and Hooks:
1. Furnish opaque, matte white vinyl.
 2. .008 inch thick.
 3. Heat sealed grommets along top.
 4. Bottom and sides hemmed, similar to Bobrick's 204-2.
 5. Stainless steel shower curtain hooks similar to Bobrick's 204-1.
- J. Electric Hand Dryer
1. Excel Dryer, Inc.
 2. 'Xlerator" XL Series
 3. 1450 Watts, 120 Volts
 4. Color: White

3 EXECUTION

3.1 EXAMINATION

- A. Verify that site conditions are ready to receive work and dimensions are as indicated on shop drawings.
- B. Beginning of installation means acceptance of existing conditions.

3.2 PREPARATION

- A. General:

1. Deliver inserts and rough-in frames to site at appropriate time for building-in.
2. Provide templates and rough-in measurements as required.
3. Verify exact location of accessories for installation.

3.3 INSTALLATION

A. Accessories:

1. Install materials and systems in accordance with manufacturer's instructions, and recommendations and approved submittals.
2. Install materials and systems in proper relation with adjacent construction and with uniform appearance.
3. Install plumb and level, securely and rigidly anchored to substrate.
4. Coordinate with work of other sections.

B. Adjust and Clean:

1. Adjust accessories for proper operation.
2. After completion of installation, remove any labels, clean and polish all exposed surfaces.
3. Leave accessories whole and free from defects.

END OF SECTION 10800