

SECTION 102113 TOILET PARTITIONS

PART 1 - GENERAL

1.1 GENERAL REQUIREMENTS

- A. Work of this Section, as shown or specified, shall be in accordance with the requirements of the Contract Documents.

1.2 SECTION INCLUDES

- A. Work of this Section includes all labor, materials, equipment, and services necessary to complete the toilet partitions as shown on the drawings and/or specified herein, including, but not necessarily limited to, the following:
 - 1. Floor-mounted, overhead-braced, solid-phenolic toilet partitions.
 - 2. Wall-hung urinal screens.
 - 3. Hardware and accessories.

1.3 RELATED SECTIONS

- A. Gypsum Drywall - Section 092900.
- B. Ceramic Tiling - Section 093013.
- C. Toilet Accessories - Section 102813.

1.4 QUALITY ASSURANCE

- A. Field Measurements: Take field measurements prior to fabrication to ensure proper fitting of the work.
- B. Inserts and Anchorages: Furnish inserts and anchoring devices which must be built into other work for the installation of toilet partitions and related work. Coordinate delivery with other work to avoid delay.

1.5 SUBMITTALS

- A. Shop Drawings: Before any of the materials of this Section are delivered to the job site, submit the following:
 - 1. Room layouts and elevations for all areas, with dimensions based on actual dimensions taken at job site.
 - 2. Materials, finishes, details of construction, gauges of metal, hardware, fastening and anchoring conditions and relation to adjoining constructions.
- B. Samples: Submit the following:
 - 1. One 12" x 12" sample of finish for each color indicated.
 - 2. One sample of each type of hardware and fitting item including related fasteners. Include all items listed under 2.2 C. below.

- C. Templates: Submit templates to other trades as required for support of toilet partitions.

1.6 WARRANTY

- A. Manufacturer's Standard Warranty: Provide 10-year warranty for phenolic material against delamination, breakage, or corrosion, assuming proper maintenance according to manufacturer's recommendations.

PART 2 - PRODUCTS

2.1 TOILET PARTITIONS

- A. Provide floor-mounted, overhead-braced toilet partitions in through-color phenolic as manufactured by ASI Global Partitions, Bobrick Washroom Equipment Inc., or approved equal.
 - 1. Compartment Depth and Width: As indicated on the Drawings.
 - 2. Door Width: 24" minimum; at ADA accessible compartments 36" minimum.
 - 3. Height Above Floor: 6 inches.
 - 4. Door/Panel Height: 72 inches.
 - 5. Pilaster Height: 82 inches.

2.2 URINAL SCREENS

- A. Provide wall-mounted urinal screens in through-color phenolic as manufactured by ASI Global Partitions, or approved equal.
 - 1. Screen Panel Size: As indicated on the Drawings.
 - 2. Height Above Floor: 18 inches.

2.3 CONSTRUCTION

- A. Doors, Panels, Screens, and Pilasters: Decorative surface sheet with solid phenolic core of melamine-resin-impregnated kraft paper fused under high temperature and pressure; edges machine sanded with a 45-degree radius edge.
 - 1. Doors and Pilasters: 3/4" thick.
 - 2. Panels and Screens: 1/2" thick.
 - 3. Edges: Color-thru.
 - 4. Fire Rated Material: Class B, ASTM E 84.
- B. No-Sight System: Required, including piano hinges.
- C. Finish: Solid phenolic/color-thru with pebbled finish, as selected from manufacturer's standard colors.
- D. Door Hardware
 - 1. Hinges: Continuous piano hinge.
 - 2. Coat Hook and Bumper: Non-ferrous, chrome plated, with black rubber tip for doorstop.
 - 3. Fastening Hardware: Manufacturer's standard Type 304 stainless steel, No. 4 satin finish, with theft-resistant barrel nuts and machine screws.

- E. Mounting Brackets: Standard, die-cast Type 304 stainless steel stirrup bracket, No. 4 satin finish, with stainless steel theft-resistant barrel nuts and machine screws of same material and finish.
- F. Pilaster Shoes: Type 304 stainless steel, No. 4 satin finish. Minimum 5" high, secured to floor with internal clips.
- G. Pilaster Anchors, Floor Anchored/Overhead Braced
 - 1. 1/4" x 1" steel mounting bar secured to pilaster with 3/8" steel fasteners.
 - 2. Pilaster shall be secured to the floor with 3/8" studs and nuts. Leveling adjustment shall be concealed by pilaster shoe after installation.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Examine the areas and conditions where floor mounted toilet partitions are to be installed and correct any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions are corrected to permit proper installation of the work.

3.2 INSTALLATION

- A. Install work of this Section in a rigid and permanent manner, straight and plumb, with all horizontal lines level.
- B. Install panels and doors twelve (12) inches above finished floor, unless otherwise indicated. Toilet compartment doors shall be centered on water closets, unless otherwise indicated.
- C. Maintain uniform clearance of approximately 1/2" between pilasters and panels, and 1/2" between pilasters or panels and finished wall.
- D. Maintain uniform clearance of 1/4" or less between vertical edges of doors and pilasters.
- E. Secure pilasters to floor and level, plumb, and tighten. Set pilasters with anchors penetrating not less than 1-3/4 inches (44 mm) into structural floor unless otherwise indicated in manufacturer's written instructions. Secure continuous head rail to each pilaster with no fewer than two fasteners. Hang doors to align tops of doors with tops of panels and adjust so tops of doors are parallel with overhead brace when doors are in closed position.

END OF SECTION 102113