SECTION 10170  
TOILET COMPARTMENTS, URINAL SCREENS, SHOWER CUBICLES

PART 1  GENERAL

1.1  RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 specification section, apply to work of this section.

1.2  SECTION INCLUDES:

A. Solid toilet compartments, floor mounted and head rail braced.
B. Urinal sightscreens; wall mounted with floor to ceiling pilaster brace.
C. Shower cubicles.

1.3  REFERENCES


1.4  SUBMITTALS

A. Submit under provisions of Section 01300.
B. Shop Drawings: Indicate partition plan, elevation views, dimensions, detail(s) of wall, floor and ceiling supports, door swings. Clearly indicate deviations from the contract documents due to field conditions or code requirements.
C. Product Data: Provide data on panel construction, hardware and accessories.
D. Samples: Submit two samples of partition panels, 8” x 8” in size illustrating panel finish, colors and sheen.
E. Manufacturer's Installation Instructions: Indicate special procedures, perimeter conditions requiring special attention.

1.5  REGULATORY REQUIREMENTS

A. Conform to Florida Accessibility Code for Building Construction.

1.6  FIELD MEASUREMENTS

A. Verify that field measurements are as indicated on shop drawings. Notify the contractor of any deviation.

1.7  COORDINATION

A. Coordinate work with other trades.
B. Coordinate the work with placement of support framing and anchors in wall and ceiling.

PART 2  PRODUCTS
2.1 MATERIALS

A. Solid plastic high density polyethylene or solid homogenous polymer resin

2.2 ACCESSORIES

A. Pilaster Shoe: Formed, ASTM A167 type 304 stainless steel with No. 4 finish, 3” high, with adjustable screw jack
B. Head Rails: Hollow stainless steel tube with anti-grip strips and cast socket wall brackets.
C. Heat Sinks: Stainless Steel with No. 4 finish.
D. Attachments, Screws, and Bolts: Stainless steel, tamper proof type, heavy duty, full length, extruded aluminum brackets.
E. Through-Bolts and Nuts: Stainless steel with tamper-proof heads.
F. Hardware:
   1. Pivot hinges, gravity type, self-closing adjustable.
   2. Nylon bearings.
   3. Thumb turn door latch with exterior emergency access feature.
   4. Door strike and keeper with rubber bumper.
   5. Coat hook with rubber bumper.
   6. Door pull for out-swinging doors.

2.3 FABRICATION

A. Fabricate partitions with finished faces and edges.
B. Bevel corners and edges of cutouts.
C. Doors and Panels:
   1. Thickness: 1”.
   2. Door Width: 24”.
D. Thickness of Pilasters: 1¼”.

PART 3 EXECUTION

3.1 EXAMINATION

A. Verify site conditions prior to commencing work.
B. Verify correct spacing of and between plumbing fixtures.
C. Verify correct location of built-in framing, anchorage and bracing.
D. Verify final installation will conform to the accessibility requirements including all of the clearance(s) and door swings.

3.2 INSTALLATION

A. Provide solid backing inside partitions to receive work specified under this section.
B. Install partitions secure, rigid, plumb and level in accordance with manufacturer's instructions.
C. Maintain ⅜” to ½” space between wall and panels and between wall and end pilasters.
D. Attach panel brackets securely to walls using anchor devices.
E. Attach panels and pilasters to brackets with tamper proof through bolts and nuts. Locate head rail joints at pilaster centerline.
F. Anchor urinal screen panels to walls with two panel brackets and vertical upright consisting of pilaster anchored to floor and ceiling.
G. Provide adjustment of floor variations with screw jack through steel saddles integral with pilaster. Conceal floor fastenings with pilaster shoes.
H. Equip each door with two hinges, one door latch, one coat hook and bumper and out-swinging door shall have a pull.
I. Install door strike and keeper with door bumper on each pilaster in alignment with door latch.
J. Field touch-up of scratches or damaged finish will not be permitted.
K. Replace damaged or scratched materials with new materials.

3.3 ERECTION TOLERANCES

A. Maximum Variation From True Position: ¼".
B. Maximum Variation From Plumb: ⅛".

3.4 ADJUSTING

A. Adjust work under provisions of Section 01700.
B. Adjust and align hardware to uniform clearance at vertical edges of doors, not to exceed 3/16".
C. Adjust hinges to position doors in partial opening position when unlatched except for doors to accessible stalls. Return out-swinging doors to closed position.
D. Adjust adjacent components for consistency of line or plane.

END OF SECTION