

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 sightcreens; wall mounted with floor to ceiling pilaster brace.
- C. Shower cubicles.

1.3 REFERENCES

- A. Florida Building Code, Chapter 11: Florida Accessibility Code for Building Construction.
- B. ANSI A117.1 - Safety Standards for the Handicapped.
- C. ASTM A167 - Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.

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".
 - 3. Door Width for Handicapped Use: 36", out-swinging.
- 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: $\frac{1}{4}$ ".
- B. Maximum Variation From Plumb: $\frac{1}{8}$ ".

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 $\frac{3}{16}$ ".
- 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