

PART 1 - GENERAL**1.1 SUMMARY**

- A. Section includes: Stainless steel toilet compartments, and urinal screens as follows:
- B. Related sections:
 - 1. Section 05500 - Metal Fabrications: Structural support system for ceiling hung toilet compartments.
 - 2. Section 09255 - Gypsum Board Systems: Blocking in metal stud partitions for wall anchorage of toilet compartments.
 - 3. Section 10810 - Toilet Accessories: Accessories mounted on toilet compartments.

1.2 REFERENCES

- A. Americans with Disabilities (ADA) Standards for Accessible Design.
- B. ANSI A117.1 - American National Standard for Buildings and Facilities - Providing Accessibility and Usability for Physically Handicapped People.
- C. ASTM A526 - Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Commercial Quality.
- D. UFAS - Uniform Federal Accessibility Standards.

1.3 SUBMITTALS

- A. Provide in accordance with Section 01330 - Submittal Procedures:
 - 1. Product data for compartments, panels, finishes, hardware, and accessories.
 - 2. Shop drawings showing partition plans, elevations, dimensions, door swings, details for supports, and method of anchorage.
 - 3. Samples of manufacturer's finishes [for selection by Architect].
 - 4. Certificate showing compliance of finish with performance requirements specified in Paragraph 2.7.
 - 5. Installation instructions.
 - 6. Maintenance instructions.

1.4 QUALITY ASSURANCE

- A. Products and installation shall comply with [ADA Standards] [ANSI A117.1] [UFAS] [_____].

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Prior to shipping, protect stainless steel panel finish with PVC film. Do not remove until installation at site.

PART 2 - PRODUCTS**2.1 ACCEPTABLE MANUFACTURERS**

- A. General Partitions Manufacturing Corporation, P. O. Box 8370, Erie, Pennsylvania; 814-833-1154.
- B. Manufacturers of equivalent products submitted and approved in accordance with Section 01630 - Product Substitution Procedures.

2.2 TYPE

- A. Toilet compartment Panels; as manufactured by General Partitions Manufacturing Corporation.
- B. Urinal screens: Screens hung from wall with brackets; Model WHS-3 - Wall Hung as manufactured by General Partitions Manufacturing Corporation.

2.3 PANELS

- A. Fabricate from two stainless steel face sheets pressure bonded to honeycomb core.
- B. Face sheets: ASTM A167, #3 directional polished stainless steel. Minimum thickness:
 - 1. Partition, door, urinal screen, privacy screen, and shower panels: .030
 - 2. Pilaster panels: .030
- C. Minimum thickness:
 - 1. Panels and doors: [1 inch] [25 mm].
 - 2. Pilasters: [1-1/4 inches] [32 mm].
- D. Core: Sound deadening, moisture resistant, impregnated cardboard honeycomb. Adhere each cell to face sheets with moisture impervious adhesive.
- E. Edges: After assembling face sheets together, attach die drawn, stainless steel, radiused, smooth molding to all four panel sides.
- F. Corner reinforcement: At each panel corner, mechanically fuse formed steel corner reinforcement to panel edges.
- G. Equip top end of pilasters with steel bar saddle for attachment to ceiling support member with threaded steel studs and leveling nuts.
- H. Sizes: [As indicated on Drawings.]
 - 1. Inswinging door: min. 24 inches wide by 58 inches high.
 - 2. Outswinging door for use by persons with physical handicaps: Width to provide 32 inchesmm] clear opening by 58 inches high.

2.4 FITTINGS

- A. Attachment hardware: Chrome plated, one-way vandal proof sex bolts and No. 14 stainless steel metal screws of length recommended by manufacturer.
- B. Connection brackets: Non-ferrous cast alloy, chrome plated.
- C. Pilaster trim: Minimum [3 inches high 0.031 inch thick] [76 mm by 0.76 mm thick] stainless steel shoe.

2.5 HARDWARE

- A. Hinges: Chrome plated non-ferrous cast pivot hinges with nylon cams and adjustable for door closing position. Top hinge mounted within door cutout.
- B. Combination coat hook and rubber bumper: Cast alloy, chrome plated.
- C. Concealed latch operating handle: Cast alloy, chrome plated mechanism that does not require twisting or turning of wrist to operate. Provide cover for exterior side.
- D. Combination latch keeper and door stop with rubber bumper: Cast alloy, chrome plated.
- E. Door pull: Cast alloy, chrome plated, straight loop design.
- F. Provide internal reinforcement for accessories and grab bars as indicated.

2.6 FACTORY FINISHING

- A. All exposed stainless steel components shall have No. 4 surface.

PART 3 - EXECUTION**3.1 PREPARATION**

- A. Coordinate requirements for blocking in stud walls to ensure proper support is provided for wall attachments.
- B. Coordinate requirements for structural support members and bracing above ceiling for adequate [suspension of ceiling hung toilet compartments] [attachment of floor to ceiling pilaster].
- C. Verify that site conditions are ready to receive work and opening dimensions are as indicated on shop drawings.

3.2 INSTALLATION

- A. Install partitions secure, plumb, and level in accordance with manufacturer's instructions.
- B. Maintain [3/8 to 1 inch] [10 to 25 mm] uniform space between wall and panels and between wall and end pilasters.
- C. Attach panel brackets securely to walls using anchor devices recommended by manufacturer.
- D. Where indicated on approved shop drawings, pilasters intersecting adjacent walls shall be terminate [[12] [3] inches] [[305] [76] mm] above floor and attach to wall with brackets.

- E. Where indicated on approved shop drawings, pilasters intersecting adjacent walls shall be attached with brackets.
- F. Attach panels and pilasters to brackets with sheet metal screws.
- G. Suspend pilasters from auxiliary structural framing directly above finished ceiling. Attach with two [3/8 inch] [10 mm] threaded studs [5 inches] [127 mm] long. Use leveling nuts and washers to adjust position of pilaster. Conceal ceiling attachment with pilaster shoes.

3.3 ERECTION TOLERANCES

- A. Maximum variation from true position: [1/4 inch] [6 mm].
- B. Maximum variation from plumb: [1/8 inch] [3mm].

3.4 ADJUSTING AND TOUCH-UP

- A. Remove protective film from stainless steel panels.
- B. Remove minor scratches by buffing surface and blending such that refinishing cannot be detected.
- C. Adjust hinges to locate inswinging doors in partial open position and outswinging doors in closed position when unlatched.
- D. Adjust and align hardware to uniform clearance at vertical edge of doors.

3.5 CLEANING

- A. Remove protective maskings.
- B. Clean surfaces and wash with mild soap. Rinse thoroughly and dry. Do not use abrasives.

END OF SECTION