

SECTION 08 3100

ACCESS DOORS AND PANELS

PART 1 GENERAL

1.1 SUMMARY

- A. Work of this Section consists of access doors and frames, and includes but is not limited to the following:
 - 1. Access doors and frames for walls and ceilings, as indicated on Drawings and as required for a complete, code-compliant installation.
- B. Related Documents and Sections: Examine Contract Documents for requirements that directly affect or are affected by Work of this Section. Other Documents and Sections that directly relate to work of this Section include, but are not limited to:
 - 1. General provisions of the Contract, including General and Supplementary Conditions, and Division 01 General Requirements Specification Sections.
 - 2. Section 08 7100 - DOOR HARDWARE.
 - 3. Section 09 2116 - GYPSUM BOARD ASSEMBLIES.
 - 4. Section 09 9100 - PAINTING.

1.2 SUBMITTALS

- A. Product Data: For each type of access door and frame indicated. Include construction details, fire ratings, materials, individual components and profiles, and finishes.
- B. Shop Drawings: Show fabrication and installation details of access doors and frames for each type of substrate. Include plans, elevations, sections, details, and attachments to other work.
- C. Samples: For each door face material, at least 3 by 5 inches in size, in specified finish.
- D. Access Door and Frame Schedule: Provide complete access door and frame schedule, including types, locations, sizes, latching or locking provisions, and other data pertinent to installation.

1.3 QUALITY ASSURANCE

- A. Qualifications:
 - 1. Manufacturer Qualifications: A firm experienced a minimum five (5) years in manufacturing products or systems similar to those indicated for this Project and with a record of successful in-service performance.
 - 2. Installer Qualifications: Perform installation with skilled, experienced and trained workmen supervised by trained personnel who shall have at least three (3) years successful experience in installations of similar size and scope.
- B. Size Variations: Obtain Architect's acceptance of manufacturer's standard-size units, which may vary slightly from sizes indicated.
- C. Source Limitations: Obtain each type of access door(s) and frame(s) through one source from a single manufacturer.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Storage and Handling: Strictly comply with Steel Door Institute recommendations. Protect from all possible damage.
 - 1. Delivery Sequence: Avoid project delays, but minimize on-site storage
 - 2. Mark products with Shop Drawing location reference, unless already properly marked.
 - a. Use removable tags or concealed markings.

PART 2 PRODUCTS

2.1 ACCESS DOORS AND FRAMES FOR WALLS AND CEILINGS

- A. Basis-of-Design Manufacturer / Product: APS Access Panel Solutions, Inc. / Baucoplus Series II, or an Architect acceptable equivalent.
 - 1. Door: Fabricate using extruded aluminum frame with gypsum board inlay and structural nylon corner elements. The door is to be taped and finished consistent with the surrounding surface.
 - 2. Frame: Recessed aluminum frame provides edge similar to drywall bead against which wall or ceiling surface can be finished.
 - 3. Hinge: Patented, concealed, two-point pin hinge, non-corroding. Allows door to open 120 degrees. Door can be removed.
 - 4. Latching/Locking devices: concealed touch latch - standard.

2.2 FABRICATION

- A. General: Provide access door and frame assemblies manufactured as integral units ready for installation.
- B. Manufacture each access panel assembly as an integral unit ready for installation.
- C. Recessed Panel: Form face of panel to provide specified recess for application of finish material. Reinforce door as required to prevent sagging.
- D. Furnish number of latches required to hold door in flush smooth pane when closed.

PART 3 EXECUTION

3.1 COORDINATION

- A. Verification: Determine specific locations and sizes for access doors needed to gain access to concealed plumbing, mechanical, or other concealed work, and indicate in the schedule specified in "Submittals" Article.

3.2 INSTALLATION

- A. Comply with manufacturer's written instructions for installing access doors and frames.
- B. Set frames accurately in position and attach securely to supports with plane of face panels aligned with adjacent finish surfaces.
- C. Install doors flush with adjacent finish surfaces or recessed to receive finish material.

END OF SECTION