

SECTION 08 31 13

ACCESS DOORS AND PANELS

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes:
 - 1. Access door and frame units, fire-rated, in wall, and ceiling locations.
- B. Related Sections:
 - 1. Section 09 29 00 - Gypsum Board: Openings in ceilings.
 - 2. Section 09 90 00 - Painting: Field paint finish.

1.02 REFERENCE STANDARDS

- A. [_____].

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
 - 1. Coordinate access door and frame work with work requiring controls, valves, traps, dampers, cleanouts, and similar items requiring operation being located behind finished surfaces
 - 2. Coordinate access door and frame details with other work supporting, adjoining, or requiring access doors and frames.
 - 3. Coordinate access door and frame work with opening construction, doors, and panels.
- B. [Preinstallation Meeting:]
- C. [Sequencing:]
- D. Scheduling:
 - 1. Deliver items only after proper facilities are available.

1.04 [SUSTAINABLE CHARACTERISTICS]

- A. Section 01 35 63 - Sustainability Project Requirements: Requirements for sustainable design compliance.
- B. Materials and Resources Characteristics:
 - 1. [Recycled Content Materials: Furnish materials with maximum available recycled content including:

SPEC NOTE *List materials specified in this section required to have recycled content.*

a. [_____].

- 2. [Regional Materials: Furnish materials extracted, processed, and manufactured within 500 miles of Project site.]

SPEC NOTE *List materials specified in this section required to be regional materials.*

a. [_____].

1.05 SUBMITTALS

- A. See Section 01 33 00 - Submittal Procedures, for submittal procedures.

- B. Product Data: Provide types, finishes, and hardware,
- C. Access Door Schedule: Submit complete access door schedule, including types, ratings, general locations, sizes, wall and ceiling construction details, finishes, latching or locking provisions, and other data pertinent to installation.
- D. Shop Drawings: Indicate attachment to structure in each typical condition. Indicate exact position of all access door units.
- E. Samples: Submit 4 access units, 6 by 6 inch in size illustrating frame configuration.
- F. Manufacturer's Installation Instructions: Indicate installation requirements.
- G. Project Record Documents: Record actual locations of all access units.

1.06 [SUSTAINABLE DESIGN SUBMITTALS]

- A. Section 01 35 63 - Sustainability Project Requirements: Requirements for sustainable design submittals.
- B. Manufacturer's Certificate: Certify products meet or exceed specified sustainable design requirements.
 - 1. Materials Resources Certificates:
 - a. Certify source and origin for [salvaged] [and] [reused] products.
 - b. Certify recycled material content for recycled content products.
 - c. Certify source for regional materials and distance from Project site.
- C. Product Cost Data: Submit cost of products to verify compliance with Project sustainable design requirements. Exclude cost of labor and equipment to install products.
 - 1. Provide cost data for the following products:
 - a. Salvage products.
 - b. Reused products.
 - c. Products with recycled material content.
 - d. Regional products.

1.07 REGULATORY REQUIREMENTS

- A. Conform to applicable code for fire rated access doors.
 - 1. Provide access doors of fire rating equivalent to the fire rated assembly in which they are to be installed.

1.08 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, and handle items to prevent damage or deformation.
- B. Prior to delivery to site, identify type and size of each door in way not to damage finish.
- C. Deliver and store packaged products in original containers with seals unbroken and labels intact until time of use.
- D. Storage and Protection:
 - 1. Store delivered products in clean, safe, dry area.
 - 2. Do not store on ground.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Access Doors:
 - 1. Milcor, Inc.
 - 2. Karp Associates, Inc.
 - 3. J.L. Industries, Inc.
 - 4. or equal.

2.02 ACCESS DOOR UNITS

- A. Non-Fire Rated Wall and Ceiling Access Door in Gypsum Board Ceiling:
 - 1. Description:
 - a. Flush steel panel door with concealed flange to receive gypsum tape and joint compound, continuous hinge, concealed spring hinges, self-latching spring bolt lock.
 - b. Size: 24 by 24 inches unless otherwise indicated on Drawings.
 - c. Lock: Key-operated cylinder.
 - 2. Product: Milcor Limited Partnership's "Style DW Access Door".
- B. Non-Fire Rated Ceiling Access Door (Recessed Panel for Acoustical Tile):
 - 1. Description:
 - a. Recessed panel door for application of acoustical tile insert with self-latching spring bolt.
 - b. Size: 24 by 24 inches unless otherwise indicated on Drawings.
 - c. Lock: Key-operated cylinder.
 - 2. Product: Milcor Limited Partnership's "Style AT Access Door".
- C. Fire Rated Wall and Ceiling Access Door in Gypsum Board:
 - 1. Description:
 - a. Flush steel panel door and flanged frame, continuous hinge, self-closing, self-latching spring bolt lock.
 - b. Size: 24 by 24 inches unless otherwise indicated on Drawings.
 - c. Fire-Rating: 1-1/2 hour rating.
 - d. Attach label from agency acceptable to authority having jurisdiction to identify each fire rated access door.
 - e. Lock: Key-operated cylinder.
 - 2. Product: Milcor Limited Partnership's "Style UFR Universal Fire-Rated Access Doors.

2.03 FABRICATION

- A. Preparation:
 - 1. Verify frame details.
 - 2. Verify [fire-resistive rating,] size, and design of each opening.
- B. Fabricate units of continuous welded construction; weld, fill, and grind joints to assure flush square unit.
- C. Provide fastening devices, anchors, casing beads, and other similar items as required to secure frames in place.

2.04 FINISHES

- A. Steel: Chemically etch and apply one baked-on rust-inhibitive prime coat.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify proper coordination of frames with doors and hardware.
- B. Examine wall and ceiling locations and verify following:
 - 1. Location will serve portion of work to which access is required. Where proposed functional location does not conform to Contract Document location, notify University's Representative before installation.
 - 2. Correctness of dimensions, backing, or support conditions.
 - 3. Absence of defects that would adversely affect frame or door installation.
- C. Do not start work until unsatisfactory conditions are corrected.

3.02 INSTALLATION

- A. Install access doors and frames in accordance with following requirements.
 - 1. Install units in accordance with manufacturer's printed instructions.
 - 2. [Install fire rated units in accordance with CBC Section 715 and requirements for fire rating as indicated on Drawings.]
- B. Position units to provide convenient access to the concealed work requiring access.
- C. Secure frames rigidly in place, plumb, and level in opening, with plane of door and panel face aligned with adjacent finished surfaces.
- D. Securely attach frames to structure and ensure doors operate smoothly and are free from warp, twist, or distortion.

3.03 CLEANING

- A. Thoroughly clean surface of grease, oil, or other impurities, touch up abraded prime coats, and otherwise prepare for finish painting where required.

END OF SECTION