SECTION 08 31 13
ACCESS DOORS AND FRAMES

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes: Access doors and frames for walls and ceilings.

1.02 SUBMITTALS

A. Product Data.

B. Schedule: Door and frame schedule, including types, general locations, sizes, construction details, latching or locking provisions, and other data pertinent to installation.

1.03 QUALITY ASSURANCE

A. Size and Location Verification: Determine specific locations and sizes for access doors needed to gain access to concealed equipment, and indicate on schedule.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Steel Plates, Shapes, and Bars: ASTM A 36/A 36M.

B. Steel Sheet:
1. Hot-Rolled: ASTM A 569/A 569M, Commercial Steel (CS), Type B; free of scale, pitting, and surface defects; pickled and oiled.
2. Cold-Rolled: ASTM A 366/A 366M, Commercial Steel (CS), or ASTM A 620/A 620M, Drawing Steel (DS), Type B; stretcher-leveled standard of flatness.

C. Steel Finishes: Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
1. Factory-Primed Finish: Manufacturer's standard shop primer.

D. Drywall Beads: 0.0299-inch zinc-coated steel sheet to receive joint compound.

2.02 ACCESS DOORS AND FRAMES

A. Manufacturers: J. L. Industries, Inc., Karp Associates, Inc., or Larsen's Manufacturing Company.

B. Flush Access Doors and Frames with Exposed Trim: For access to HVAC and electrical equipment, as follows:
1. Material: Prime-painted steel sheet.
2. Locations: Walls and ceilings.

3. Door: Minimum 0.060-inch-thick sheet metal, set flush with exposed face flange of frame.
4. Frame: Minimum 0.060-inch- thick sheet metal with 1-inch-wide, with drywall bead flange.
5. Hinges: Continuous piano hinge.
6. Latch: Screwdriver-operated cam latch. For doors which are larger than 36-inches in length or width, furnish two latches.
7. Sizes: As required by the size of the equipment or control to which access is being provided, but no less than 16-inches by 16-inches.

2.03 FABRICATION

A. Doors and Frames: Grind exposed welds smooth and flush with adjacent surfaces. Furnish attachment devices and fasteners of type required to secure access panels to types of supports indicated. Provide mounting holes in frames for attachment of units to metal or wood framing.

PART 3 - EXECUTION

3.01 PREPARATION

A. Advise installers of other work about specific requirements relating to access door installation, including sizes of openings to receive access door and frame, as well as locations of supports, inserts, and anchoring devices.

3.02 INSTALLATION

A. Install access door and frame units per manufacturer's written instructions.

B. Install frames plumb and level in opening, positioned so that the doors will be flush with adjacent finish surfaces. Secure rigidly in place.

C. Position access panels for proper access to concealed equipment requiring access.

3.03 ADJUSTING

A. Adjust doors and hardware after installation for proper operation.

B. Remove and replace panels or frames that are warped, bowed, or damaged, or which cannot be adjusted to operate properly.

END OF SECTION 08 31 13