

SECTION 23 00 50 – HVAC BASIC MATERIALS

PART 1 - GENERAL

1.1 WORK INCLUDED

- A. The Work of this Section shall consist of the labor, materials and equipment required for the installation of basic materials associated with HVAC systems.

1.2 SUBMITTALS

- A. Submit for approval in accordance with specified submittal procedures:
 - 1. Access Panels
 - 2. Engineered Strut Support System; including structural calculations

PART 2 - PRODUCTS

2.1 ACCESS PANELS

- A. Masonry, Tile or Wood Access Panels
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Bilco
 - b. Karp
 - c. Krieger
 - d. Milcor (Basis of Design Style M)
 - 2. Type: Masonry, tile, or wood.
 - 3. Construction: 16 gage frame, 14 gage panel. Concealed spring hinges. Prime coat finish for field painting or stainless steel, satin finish, as required.
 - 4. Closing Feature: Flush screwdriver operated lock with steel cam.

2.2 ENGINEERED STRUT SUPPORT SYSTEM

- A. Acceptable Manufacturer: Unistrut Corporation, or as approved.
- B. General: Provide all engineering, material, fittings, anchors, and related accessories for installation of the engineered strut support system. Submit structural calculations with design criteria, selection of framing members, fittings, accessories, and shop/assembly drawings.
- C. Channel members shall be structural grade steel conforming to ASTM A-1011 SS GR or A-653 GR 33. Fittings shall be fabricated from steel conforming to ASTM A 575, A 576, A 36, or A 635. Components shall be finished with rust inhibiting acrylic enamel paint applied by electro-deposition.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Access Panels

1. Provide access panels in ceilings and walls for service and repair access to concealed equipment, including, but not limited to:
 - a. Dampers: volume, control, fire/smoke.
 - b. All control operators/devices.

Minimum Size: 18 inches by 18 inches. Where restrictions will not permit minimum size, verify access panel size with Architect. |END OF SECTION 23 00 50