

manufacturer's instructions and the Contract Documents, notify the Architect before proceeding. No equipment installation or connections shall be made in a manner that voids the manufacturers warranty.

- E. Install all Work in a neat and workmanlike manner, using only workmen thoroughly qualified in the trade or duties they are to perform. Rough Work will be rejected.

### 3.2 EQUIPMENT INSTALLATION

#### A. Supports

1. Where required, install galvanized steel support under the air handling units to allow installation of supply and return air ducts and access to filters and access panels.
2. For installations where air handling units are to be suspended from the roof, Prepare and Furnish drawings indicating exact location, weight and proposed method of suspension to the Architect for confirmation of structural adequacy.
3. For installations where heat pump outdoor units or condensing units are to be mounted on the roof, Prepare and Furnish drawings indicating exact location, weight and proposed method of installation to the Architect for confirmation of structural adequacy. Units shall be mounted level and adequately secured.
4. Prepare and furnish Drawing and Templates indicating all concrete Work required for equipment furnished under this Work. All concrete required will be provided by the General Contractor. Provide, at the time concrete foundations, bases, or curs or formed, all necessary anchor bolt as required for the various equipment in this Work. Grout all spaces between the equipment base and concrete supports.

- B. Install all equipment to permit removal of coils, fan shafts and wheels, filters, belt guards, sheaves and drives, and all other parts requiring periodic replacement or maintenance.

- C. Arrange equipment to permit ready access to valves, cocks, traps, starters, motors and control components, and to clear the openings of swing and overhead doors and of access panels.

### 3.3 IDENTIFICATION OF EQUIPMENT

- A. Securely attach manufacturers nameplate to all equipment giving data as to design and operating characteristics. Securely attach permanent metal tags identifying each major plumbing and HVAC component (i.e. air handlers, condensing units, rooftop units, pumps, exhaust fans, water heaters, circulators, etc.) with the original equipment tag assigned to the component by the equipment schedule on the drawings.
- B. Securely attach nameplates to all switches, starters, gauges, control devices and similar items, giving the name and number of the item of equipment to which it is connected.

### 3.4 SLEEVE INSTALLATION