SECTION 262816 – ENCLOSED SWITCHES AND CIRCUIT BREAKERS

1. GENERAL
   * + 1. RELATED DOCUMENTS
          1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
       2. SUMMARY
          1. Section Includes:

This Section specifies the enclosed switches and circuit breakers for buildings and structures.

Provide all labor, materials, and equipment as necessary to complete all work as indicated on the drawings, and as specified herein for a complete operating system.

* + - * 1. Related Sections:

Applicable sections of Division 26 - Electrical

* + - 1. SUBMITTALS
         1. Shop Drawings

Disconnect switches

Enclosed circuit breakers

1. PRODUCTS
   * + 1. DISCONNECT SWITCHES

Note information to be shown on the drawings.

* + - * 1. Disconnect switches shall be furnished and installed where indicated on the drawing, size as noted.
        2. Disconnect switches for motors on cooling tower fans and similar applications shall be furnished with watertight, stainless steel enclosures.
        3. Disconnect switches mounted exterior of the building shall be NEMA type 4X stainless steel.
        4. Disconnect switches for two speed motors shall be six pole, single throw.
        5. All disconnect switches shall have interlock defeaters for maintenance purposes.
        6. Disconnect switches shall be Square D heavy duty type or approved equal by General Electric, Cutler-Hammer, or Siemens.
        7. All disconnect switches shall be provided with an engraved laminated plastic name plate indicating equipment controlled by that particular switch.
        8. Disconnect switches located on the load side of a VFD (between VFD and Motor) shall be non-fused.
      1. ENCLOSED CIRCUIT BREAKERS

Note information to be shown on the drawings.

* + - * 1. Molded case circuit breakers shall be size and type as noted on drawing and as manufactured by Square D, General Electric, Cutler-Hammer, or Siemens.

1. EXECUTION
   * + 1. EQUIPMENT SUPPORTS
          1. Electrical equipment shall be mounted on ½" spacers when mounted in a room on a below grade exterior wall.
          2. Disconnects shall be mounted on separate structures. They shall not be mounted on HVAC housings, duct work, pump frames, etc.

END OF SECTION 262816