Section 260100 - BASIC ELECTRICAL REQUIREMENTS

1. GENERAL
   * + 1. SUMMARY
          1. This Section includes general requirements for electrical installations.
       2. SUBMITTALS
          1. Submit for approval, submittal documents as required in each Specification Section.

Submit all shop drawings and product data grouped to include submittals of relate systems, products, and accessories in a single electronic submittal in PDF format.

Each submittal shall be indexed according to Specification Section.

Each Specification Section shall be a separate file.

Create PDFs at native size and right-side up; illegible files and secured files will be rejected.

Mark dimensions and values in units to match those specified.

* + - * 1. No apparatus or equipment shall be shipped or fabricated until submittal documents for same have been reviewed and returned, “no exceptions taken” or “make corrections noted”.
        2. Products List: Include the following:

Manufacturer’s name and address.

Catalog designation or model number.

Equipment schedule number (cross referenced from drawings).

Rough-in data and dimensions.

Detailed drawings, including manufacturers catalog numbers showing all components.

* + - 1. DEFINITIONS
         1. Provide: Except to the extent further defined, the term “provide” means to furnish and install, complete and ready for the intended use.
         2. Specification Language: Imperative language is used, generally, throughout the Specifications. Requirements expressed imperatively are to be performed by the Contractor. For clarity at certain locations, contrasting subjective language is used to describe responsibilities which must be performed by the Contractor or, when so noted, will be performed by others.
         3. Equipment Specified and Specified Equipment: Equipment that is identified in schedules, specifications, and drawing notes.
         4. Finished Spaces: Spaces other than mechanical and electrical equipment rooms, furred spaces, pipe and duct shafts, unheated spaces immediately below roof, spaces above ceilings, unexcavated spaces, crawl spaces, and tunnels.
         5. Exposed, Interior Installations: Exposed to view indoors. Examples include finished occupied spaces and electrical equipment rooms.
         6. Concealed, Interior Installations: Concealed from view and protected from physical contact by building occupants. Examples include above ceilings and in duct shafts.
      2. RECORD DOCUMENTS
         1. Prepare record documents to indicate the following installed conditions:

Equipment locations (exposed and concealed), dimensioned from prominent structural building lines.

Approved substitutions, Contract Modifications, and actual equipment and materials installed.

* + - 1. SPECIFICATIONS COMPLIANCE
         1. The requirements of these specifications shall be complied with in every respect. Therefore, it shall be absolutely mandatory the job supervisor, as well as the subcontractors and their supervisors have completely studied the Drawings and these specifications (The Contract Documents), be completely knowledgeable as to their entire contents, and maintain a copy at the jobsite. Every supervisor shall be provided with a complete copy of this specification.
      2. CONTRACT DOCUMENTS
         1. Contract Documents for Work are in part diagrammatic, intended to convey the scope of Work and indicate general arrangement of equipment, wiring, and approximate locations of equipment connections, lighting, and outlets. Do not scale the Contract Documents for measurements.
         2. Outlets or equipment shown on the Drawings with no indication shall be completed in the same method and manner as similar outlets or equipment shown on the Drawings.
         3. The Contractor shall follow the Contract Documents in laying out the work, to become familiar with all conditions affecting the work and shall verify all spaces in which the work will be installed.
         4. Where job conditions require reasonable changes in indicated locations or arrangements, make changes without additional cost to the Owner.
         5. The Contract Documents and Specifications are to be cooperative and whatever is called for by either shall be binding as if called for by both.
      3. USE OF EQUIPMENT
         1. The use of any equipment or any part thereof, for purposes other than testing, even with the Owner’s consent, shall not be construed to be an acceptance of the work on the part of the Owner, nor shall it be construed to obligate the Owner in any way to accept improper work or defective materials.

1. PRODUCTS (NOT APPLICABLE)
2. EXECUTION
   * + 1. DAMAGE TO OTHER WORK
          1. The Contractor shall be responsible for any damage done to existing equipment, structures, systems, and the like, which is a direct or indirect result of this work. Such damage will be repaired at the expense of the Contractor to the full satisfaction of the Owner.
       2. OPERATING INSTRUCTIONS
          1. Instruct the Owner's personnel in the care, operation and maintenance of all apparatus and equipment.
          2. Make splices, terminations, and taps that are compatible with conductor material and that possess equivalent or better mechanical strength and insulation ratings than unspliced conductors.

END OF SECTION 260100