SECTION 262713 - UTILITY SERVICE ENTRANCE

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Contractor Provide:

1. New service entrance equipment per utility requirements, including CT cabinet and meter base.
2. Concrete pad for utility transformer
3. Primary conduits
4. Secondary conduits and conductors

1.2 REFERENCES

A. ANSI/NFPA 70 - National Electrical Code.

1.3 SYSTEM DESCRIPTION

A. Service Entrance Underground: 208/120V, 3 phase, 4 wire, amperage as indicated on the drawings.

1.4 SUBMITTALS

A. Submit Utility Company prepared drawings and requirements for all service work.

1.5 QUALITY ASSURANCE

A. Perform Work in accordance with Utility Company written requirements.

B. Maintain one copy of each document on site.

1.6 REGULATORY REQUIREMENTS

A. Conform to requirements of ANSI/NFPA 70.

B. Furnish products listed and classified by Underwriters Laboratories, Inc. as suitable for purpose specified and shown.

C. Conform to Utility Standards for installation.

1.7 FIELD MEASUREMENTS

A. Verify that field measurements are as indicated.

PART 2 - PRODUCTS

2.1 TRANSFORMER PAD

A. As indicated on Utility standard for installation drawing.

B. Coordinate requirements for cable terminations with Utility.

2.2 CURRENT TRANSFORMER ENCLOSURE

A. As indicated on Utility standard for installation drawing.

2.3 METER ENCLOSURE

A. As indicated on Utility standard for installation drawing.

2.4 PRIMARY CONDUIT

A. As indicated on Utility standard for installation drawing.

B. All bends shall be galvanized rigid steel conduit, 36” minimum radius.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify that service equipment is ready to be connected and energized.

3.2 PREPARATION

A. Make arrangements with Utility Company to obtain permanent electric service to the Project. Arrange for all necessary inspections by Utility. The Electrical Contractor is responsible to ensure that all Utility requirements are met.

3.3 INSTALLATION

A. Coordinate installation requirements with Utility prior to beginning work.

END OF SECTION 262713