

SECTION 260546

UTILITY SERVICE ENTRANCE

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Arrangement with the Utility Company for permanent electric service, including payment of Utility Company charges for service.
- B. Underground service entrance.
- C. Metering equipment.

1.2 RELATED SECTIONS

- A. Division 02 - Excavating, Backfilling, Trenching.
- B. Division 03 - Cast-in-Place Concrete: Transformer pads.
- C. Section 26 05 26 - Grounding and Bonding.
- D. Section 26 05 33 - Conduit.
- E. Section 26 24 13 - Distribution Switchboards.

1.3 SYSTEM DESCRIPTION

- A. System Characteristics: 277/480 volts, three phase, four-wire, 60 Hertz.
- B. Service Entrance: Underground from pad mounted transformer.

1.4 QUALITY ASSURANCE

- A. Perform Work in accordance with the Utility Company written requirements.
- B. Maintain one copy of each document on site.

1.5 FIELD MEASUREMENTS

- A. Verify that the field measurements are as indicated on the Utility Company drawings.

PART 2 PRODUCTS

2.1 UTILITY METERS

- A. Meters will be furnished by the Utility Company.

2.2 UTILITY METER BASE

- A. The meter base will be furnished by the Electrical Contractor.

2.3 TRANSFORMER PAD

- A. Description: Reinforced concrete sized and constructed in accordance with the utility requirements.

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 the Utility Company to obtain permanent electric service to the Project. Include all fees.
- B. Coordinate the location of Utility Company's facilities to ensure proper access is available.

3.3 INSTALLATION

- A. Install service entrance conduits in concrete envelope from Utility Company's pad-mounted transformer to building service entrance equipment. Connect service lateral conductors to service entrance conductors.

END OF SECTION