

SECTION 16420
SERVICE ENTRANCE

PART 1 GENERAL

1.1 SESSION INCLUDES:

- A. Arrangement with Utility Company for permanent electric service.
- B. Underground service entrance.

1.2 SYSTEM DESCRIPTION

- A. System Voltage: 277/480 volts, three phase, four-wire, 60 Hertz.
- B. Service Entrance: Main.

1.3 QUALITY ASSURANCE

- A. Utility Company: Florida Power and Light.
- B. Install service entrance in accordance with Utility Company's rules and regulations.

1.4 SUBMITTALS

- A. Submit shop drawings and product data under provisions of Section 01300.
- B. Submit Utility Company prepared drawings.

PART 2 PRODUCTS

2.1 METERING EQUIPMENT

- A. Meter; meter base and transformer cabinet.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Make arrangements with Utility Company to obtain electric service to the Project.
- B. Underground: Install service entrance conduits at a minimum depth of 36" from Utility Company's pad-mounted transformer or Utility Company's pole mounted transformer to building service entrance equipment. Utility Company will connect service lateral conductors to service entrance conductors.
- C. Provide concrete pad for transformer (verify with FP&L).
- D. Install primary conduits (conduits furnished by Utility Company) from project's property line as determined by Utility Company. Locate conduits at a minimum depth of 36"; cover conduits with three inches thick by trench width concrete and warning tape.

END OF SECTION