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