

### DRAWINGS

The drawings and these specifications are complementary each to the other and what is called for in one shall be as binding as if called for by both.

### ELECTRIC SERVICE

Electric service will be supplied by the Appalachian Electric Power Co.

Electric service will be at 3 wire, 3 phase, 480 volts, with the neutral grounded.

### TRANSFORMER STATION AND METERING

This contractor shall secure from the Power Company the exact design data for the transformer foundation and furnish it accordingly. He shall furnish and install the secondary service wiring and grounding as shown.

The power company will furnish the meter enclosure, meter, C.Ts, P.Ts, and metering wiring and connecting. The contractor shall furnish and install a metering transformer cabinet suitable to the power company, conduit work, and install the meter enclosure.

Secondary service will be 480 volt, 4 wire, 3 phase, 60 HZ.

### POWER DISTRIBUTION PANEL - PP

Furnish and install the panel as shown. Enclosure shall be NEMA-1. Breakers shall be of the rating and poles as shown. Panel shall have a split bus fed from the 225 A, 3 pole, sub-breaker. Panel shall be ITE, General Electric, Westinghouse, Square D, or equal. The 800 amp and 225 A. breakers shall have an interrupting capacity of 35,000 amperes at 480 volts.

### LIGHTING TRANSFORMERS - TI

Furnish and install the lighting transformer in a NEMA-1 enclosure, wall mounting, dry type with two full capacity 5% primary taps above and two below nameplate voltage. Primary voltage is 480 volts, single phase, 2 wire. Secondary voltage is 120/240 volts, single phase, 3 wire.

### LIGHTING PANEL - LP

Furnish and install the circuit breaker type lighting