

panel shown in a NEMA-1 enclosure, for 120/240 volt, single phase, 3 wire service. Panel shall be equal to Square D No. NA 1B-12-3AB for surface mounting.

PUMP MOTOR STARTER F.B.O.

The motor starter for pump motor M-1 will be furnished by others for installation and connection by this Contractor. The exact control wiring will be determined from wiring diagrams furnished by the pump manufacturer (Contract "N") and the requirements under "INSTRUMENTATION." This Contractor shall install the empty conduits as shown and do all control wiring necessary to provide remote control and signaling as outlined. Space for the future pump motor M-2 shall be provided. The motor feed conduit shall be installed at this time.

ELECTRIC HEAT

Furnish and install, completely wired, the two electric unit heaters, controllers and thermostats. Heaters shall be operated at 480 volts, 3 phase and have an integral fan unit suitably protected. Enclosures shall be NEMA-1.

VALVE OPERATORS - MOTOR DRIVEN

Connect and wire the motor driven valve operators and limit switches in accordance with the manufacturer's instructions and the desired control sequence. Furnish and install the motor controllers shown. Provide space for a future valve operator motor controller. Install the empty conduits for the future operator. Motor controllers shall have H-O-A selector switches and Open-Close pushbuttons in the covers.

SIGNAL EQUIPMENT PANEL - SP

Install and connect this panel as shown at Boxley Hills Pumping Station.

SIGNAL AND CONTROL PANEL - CP

Install and connect this panel as shown at Carvins Cove filtration plant. Furnish a 120 volt, AC power source from a local lighting panel as directed in the field.

CITY FARM RESERVOIR

Install the level transmitter. Supply 120 V. single phase power to the transmitter from the present source in the vault.