ELECTRICAL WIRING FOR TYPICAL SANITARY PUMP STATION

NTS TELEPHONE CABLE FROM SOURCE TO CONTROL PANEL BY FRONTIER COMMUNICATIONS TO DIALER IN PANEL FOR CONTACTING DPW PERSONNEL IN CASE OF ALARM CONDITION. POWER WIRING BY FAIRPORT ELECTRIC FROM SOURCE TO ELECTRIC METER. EXISTING UTILITY POLE -40 AMP 3P SQUARE D BREAKER IN NEMA 4 ENCLOSURE PROVIDED 2" CONDUIT UP 10' ABOVE FINISHED GROUND FOR 208/120/36 4W WITH GENERATOR WITH PAD LOCK AND KEY. SERVICE FROM FAIRPORT ELECTRIC COMPANY. -40 AMP 3P SQUARE D BREAKER IN NEMA 4 ENCLOSURE WITH PAD LOCK AND KEY WIRE TO METER & TRANSFER SWITCH -1" CONDUIT UP 10' ABOVE FINISHED GROUND FOR TELEPHONE -ELECTRIC METER CABLE. -INSTALL TWO 20A-1P SQUARE D BREAKERS INSIDE TRANSFER SWITCH AND CONNECT TO 120/1/60 POWER IN TRANSFER SWITCH. PROVIDE THREE #12 WIRES NOTE: PAINT ALL STEEL SUPPORTS WITH ONE TO CRANKCASE HEATER FOR GENERATOR AND PROVIDE THREE #12 WIRES TO GFI COAT OF RUSTOLEUM PRIMER AND ONE RECEPTACLE ADDED TO INSIDE OF GENERATOR CASING. COAT OF GRAY ENAMEL FOUR #8 WIRES IN A 1" CONDUIT DISCONNECT SWITCH PROVIDED WITH CONTROL PANEL INSTALL TELEPHONE DIALER IN CONTROL PANEL PER MANUFACTURERS TRANS 35 KW CUMMINS REQUIREMENTS. COORDINATE WITH THE TOWN OF PERINTON. GENERATOR SET **SWITCH** ರ MODEL #G6PA 70 AMP -SEE PUMP STATION DETAILS FOR PUMP STATION CABLES FURNISHED NEMA 4 С WITH PUMP CONTROL STATION EQUIPMENT 4 CONDUIT UC UE -SEE PUMP STATION UT DETAILS CONTROL PANEL W/DISCONNECT SWITCH CONCRETE PAD FOR GENERATOR -NEMA 4 DETAILS TO BE DISCUSSED WITH DPW UNDERGROUND CONDUIT (TYP) LEAVE HOLES IN CONCRETE PAD --PUMP P-1 FOR CONDUITS TO GO UNDERGROUND FROM GENERATOR -PUMP P-2 1" CONDUIT FOR TELEPHONE CABLE 3-#12-3/4" CONDUIT FOR CONTROL OF GENERATOR FROM JANUARY 202 TRANSFER SWITCH. 4-#8-2"C-4-#8-2°C 6-#12-3/4" CONDUIT FOR-CRANKCASE HEATER AND

DUPLEX GFI RECEPTACLE.