



PLAN NOTES THIS SHEET:

1. INSTALL (2) ELECTRICALLY OPERATED CHECK VALVES (FURNISHED BY OTHERS). PROVIDE 3/4" CONDUIT AND CABLE REQUIRED TO THE PUMP DIRECTORS.
2. INSTALL FLOW MONITORING TRANSDUCER (FURNISHED BY SYNCHRONY) AND PROVIDE 1" PVC CONDUIT AND 2 PR #16 SHIELDED CABLE TO SCADA PANEL "B" AND MAKE THE REQUIRED CONNECTIONS.
3. INSTALL ANTENNA AND COAX CABLE (BOTH FURNISHED BY SYNCHRONY). PROVIDE A 10' LONG x 1 1/2" RIGID CONDUIT MAST WITH SUPPORTS AND FITTINGS AS REQUIRED FOR COMPLETE INSTALLATION. PROVIDE #6 BARE COPPER CABLE AND GROUND ROD. PROVIDE 3/4" CONDUIT FOR CABLE TO SCADA PANEL "B".
4. INSTALL ANTENNA AND COAX CABLE (BOTH FURNISHED BY SYNCHRONY). PROVIDE CLAMPS, SUPPORTS AND FITTINGS AS REQUIRED TO MOUNT ON TANK HAND RAIL. PROVIDE #6 BARE COPPER CABLE IN 1/2" PVC CONDUIT TO A GROUND ROD. PROVIDE 1" PVC CONDUIT FOR CABLE TO SCADA PANEL "C".
5. PROVIDE A 20A-1P PLUG-IN CIRCUIT BREAKER IN AN EXISTING 50A NEMA-3R PANELBOARD MOUNTED ON THE POLE WITH 3/4" IN 1" PVC CONDUIT TO SCADA PANEL "C" FOR POWER.
6. INSTALL 24"x24"x8" SCADA PANEL "C" (BY SYNCHRONY) ON WOODEN TIMBER SUPPORTS (BY OTHERS). PROVIDE MOUNTING HARDWARE, TERMINATIONS, CONDUIT, FITTINGS, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION. PROVIDE TRENCHING, BACKFILL AND SEEDING AS REQUIRED.
7. INSTALL 30"x24"x8" SCADA PANEL "A", ANTENNA, AND COAX CABLE (ALL FURNISHED BY SYNCHRONY) AT THE CRYSTAL SPRING FILTRATION PLANT. PROVIDE CONDUIT, FITTINGS AND SUPPORTS REQUIRED FOR COAX CABLE. PROVIDE MAST, GROUND, ETC. FOR ANTENNA AS DESCRIBED IN NOTE 3. PROVIDE 20A-1P CIRCUIT BREAKER IN NEARBY PANEL. 3/4" WIRE IN 3/4" EXPOSED RGS CONDUIT TO FEED THE SCADA PANEL. SEE CIVIL SHEETS FOR LOCATION OF WORK AT THE CRYSTAL SPRINGS STATION.
8. INSTALL TANK LEVEL TRANSDUCER (FURNISHED BY SYNCHRONY) IN TOP OF WATER TANK AND PROVIDE 1" PVC CONDUIT WITH 2 PR#16 SHIELDED CABLE TO SCADA PANEL "C" AND MAKE THE REQUIRED CONNECTIONS.
9. INSTALL (2) PRESSURE TRANSDUCERS (FURNISHED BY SYNCHRONY) AND PROVIDE 1/2" CONDUIT WITH 2 PR#16 SHIELDED CABLE EACH TO SCADA PANEL "B" AND MAKE THE REQUIRED CONNECTIONS.
10. INSTALL 30"x24"x8" SCADA PANEL "B" (FURNISHED BY SYNCHRONY) ON WALL OF PUMP STATION AS SHOWN. PROVIDE MOUNTING HARDWARE, TERMINATIONS, CONDUIT, FITTINGS, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION.

RECORD DRAWINGS