

	I T	GHT:INC	FIXTURE SCHEI	DUI F	
TYPE	MOUNTING	LAMP	MFGR. & SERIES NO.	REMARKS	
Α	FLUOR, CLG	(2)F32-T8	LITHONIA DM232AR12OGEB	HIGH IMPACT LENS,	ELECTRONIC BALLAST
В	CF / WALL	(1)42WTRT	LITHONIA TWAC42TRT120GEB	WITH PHOTO CONTRO	L

SYMBOL LEGEND

2. INSTALL FLOW MONITORING TRANSDUCER (FURNISHED BY SYNCHRONY) AND PROVIDE

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#12 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#12 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.

DESCRIPTION

FLUORESCENT LIGHTING FIXTURE, LETTER DENOTES TYPE

SAFETY SWITCH - NON-FUSIBLE

PANELBOARD, 480/277 VOLT

INCANDESCENT, FLUORESCENT, OR HID LIGHTING FIXTURE, WALL MOUNTED JUNCTION BOX

RECEPTACLE, DUPLEX GROUNDED

MGT. HGT

AS INDICATED

5' -0"

6'-6" TOP

SYMBOL

NF 55/3/30

- EXISTING METER AND PANEL ON POLE

RECEPTACLE, DUPLEX GROUNDED, GFCI 48" SWITCH, SINGLE POLE

/ / LAMP RATING ∠_POLES NON-FUSIBLE SAFETY SWITCH

NFSS/3/30

TRANSFORMER AS INDICATED MANUAL MOTOR STARTER MOTOR CONNECTION GROUND

6'-6" TOP PANELBOARD, 208/120 OR 120/240 VOLT CONDUIT CONCEALED IN FLOOR CONDUIT EXPOSED

> CONTROL OR SWITCH LEG HOMERUN TO PANEL BOARD, NUMBER OF ARROWHEADS INDICATES NUMBER OF CIRCUITS

CONDUIT TURNED DOWN - CONDUIT TURNED UP

PLAN NOTE ANTENNA BY OTHERS. MAST AND INSTALLATION BY THIS CONTRACT

THERMOSTAT

RECORD DRAWINGS



 \triangleleft $\overline{\underline{Y}}$ Z \bigcirc Z \vdash \triangleleft \triangleleft \geq Vertical Scale:

AS SHOWN Horizontal Scale:

AS SHOWN Commission Number:

2120