

(W)	INTERMEDIATE SPAN 6"X 6" PRESSURE TREATED POST SET 36" INTO 18"X 48" CONCRETE FOUNDATION. CUT TO LENGTH AS REQUIRED IN THE FIELD.
(X)	2" CONDUIT FROM PUMP CONTROL PANEL TO RTU – STATUS/ALARMS
(Y)	3/4" CONDUIT FROM PUMP CONTROL PANEL TO CELLULAR DIALER – STATUS/ALARMS
(Z)	1-5/8" X 1-5/8" ALUMINUM CHANNEL WITH STAINLESS STEEL STRAPS, TYPICAL FOR ALL CONDUITS
(AA)	3/4" CONDUIT W/2NO.12, 1NO.12(G) FROM CONTROL PANEL TO ALARM LIGHT, NOTE 8
(AB)	3/4" CONDUIT W/2NO.10, 1NO.10(G) FROM CONTROL PANEL TO EXTERNALLY MTD TRANSFORMER
(AC)	1" CONDUIT W/3NO.8, 1NO.8(G) FROM EXTERNALLY MTD TRANSFORMER TO CONTROL PANEL
(AD)	EXTERNALLY MOUNTED DRY TYPE TRANSFORMER WITH NEMA 3R ENCLOSURE
(AE)	1" CONDUIT W/1 CAT6 CABLE, 2NO.14, 1NO.14(G) FROM ATS TO GENERATOR FOR CONTROLS AND ALARMS
(AF)	1" CONDUIT W/4NO.14, 1NO.14(G) FROM CONTROL PANEL TO JUNCTION BOX FOR FLOATS IN WET WELL
(AG)	2" CONDUIT W/TRANSDUCER CABLE FROM CONTROL PANEL TO JUNCTION BOX FOR ULTRASONIC TRANSDUCER IN WET WELL

NOTES:

1. ALL WOOD END GRAIN, CUT ENDS, DRILLED HOLES AND COUNTER SINKS SHALL BE PROTECTED WITH WOOD PRESERVATIVE. REFER TO SPECIFICATIONS FOR REQUIREMENTS.
2. ALL WOOD SURFACES SHALL BE PAINTED WITH TWO COATS OF STAIN. REFER TO SPECIFICATIONS FOR REQUIREMENTS.
3. ALL BACKBOARD FASTENERS SHALL BE 304 STAINLESS STEEL.
 - A. THROUGH-BOLTS FOR ATTACHMENT OF BOARDS TO VERTICAL TIMBERS SHALL BE 1/2" DIAMETER.
 - B. THROUGH-BOLTS FOR ATTACHMENT OF EQUIPMENT TO BOARDS SHALL BE 3/8" DIAMETER.
 - C. ALL ASSEMBLY AND ATTACHMENTS SHALL BE THROUGH-BOLT SYSTEM. LAG BOLTS, WOOD SCREWS, AND SUCH TYPE OF FASTENERS ARE NOT PERMITTED.
4. THE LAYOUT OF EQUIPMENT SHALL PRESENT A NEAT AND WORKMAN LIKE APPEARANCE. THE ARRANGEMENT SHALL CONFORM TO THE REQUIREMENTS OF NFPA 70, NFPA 110, THE GEORGIA POWER BLUE BOOK, AND ALL LOCAL AND STATE REQUIREMENTS.
5. UNLESS OTHERWISE NOTED, ALL CONDUITS ABOVE GRADE SHALL BE RIGID ALUMINUM, ALL CONDUITS BELOW GRADE SHALL BE SCH.80 PVC.
6. THE MAIN BREAKER LOCATION MAY BE REQUIRED TO BE ADJACENT TO THE UTILITY METER. FIELD COORDINATE WITH GEORGIA POWER BLUE BOOK AND GEORGIA POWER METERING DEPARTMENT FOR REQUIRED LOCATION.
7. PROVIDE 18"DIA. X 48" ROUND SONO-TUBE FORM. THE TOP OF THE CONCRETE SHALL BE 6" ABOVE FINISHED GRADE.
8. MOUNT THE ALARM LIGHT ON A CONDUIT MAST, EXTEND 12" ABOVE THE BACKBOARD TO THE TOP OF THE LIGHT.

PUMP STATION – MAIN CONTROL PANEL BACKBOARD
(CONTINUED ON S19A & S19B)

**STANDARD
CONSTRUCTION
DETAILS**



SCALE: N.T.S.
DATED: JAN 2017
PLATE NUMBER: S19C