BILL OF MATERIAL

ITEM	QTY.	MANUFACTURER	PART NUMBER	DESCRIPTION
1	1	HOFFMAN	UU1008030	ENCLOSURE, TYPE 4X, FIBERGLASS, 40.35" H X 32.48"W X 12.64"D, UV PROTECTED
1	1	HOFFMAN	A4OP30	SUBPANEL, 37.01"H X 29.02"W
1	1	HOFFMAN	UUHPL	PADLOCK KIT
2	1	HOFFMAN	LF12018	ENCLOSURE LIGHT
2	1	SYLVANIA	F8T5	FLOURESCENT LAMP
3	1	MODICON	171CCC96030	MOMENTUM PROCESSOR ADAPTER, 544K, 1 ETHERNET, 1 I/O BUS
3	1	MODICON	172JNN21032	OPTION ADAPTER, SERIAL, MODBUS, RS232/485
3	1	MODICON	170AMM09000	ANALOG / DISCRETE I/O BASE, 4 AI, 4 DI, 2 AO, 2 DO, 24 VDC
3	1	MODICON	170INT11003	INTERBUS COMM ADAPTER, TWISTED PAIR
3	1	MODICON	170ADM69051	DISCRETE I/O BASE, 10 DI, 8 DO, 120 VAC
3	4	MODICON	170XTS00100	TERMINAL BLOCKS, 1 ROW, SCREW CONNECTIONS (SET OF 3)
3	1	MODICON	170MCI00700	CABLE, INTERBUS, SMALL CONNECTORS, 0.36 FT
4	5	WEIDMULLER	101410	FUSE HOLDER TERMINAL BLOCK, 10 – 36 V DC/AC, 1/4" X 1 1/4" WITH INDICATOR
4	3	BUSSMANN	MDL – 2 1/2	TIME DELAY FUSE, 2 1.2 AMP, 250 VAC, 1/4" X 1 1/4" (1 SPARE)
4	2	BUSSMANN	AGC – 1/2	FAST BLOW FUSE, 1/2 AMP, 250 VAC, 1/4" X 1 1/4"
4	1	BUSSMANN	AGC – 5	FAST BLOW FUSE, 5 AMP, 1/4" XS 1 1/4"
5	6	WEIDMULLER	101430	FUSE HOLDER TERMINAL BLOCK, 60 – 150 V DC/AC, 1/4" X 1 1/4" WITH INDICATOR
5	1	BUSSMANN	MDL – 1	TIME DELAY FUSE, 1 AMP, 250 VAC, 1/4" X 1 1/4"
5	4	BUSSMANN	MDL – 2	TIME DELAY FUSE, 2 AMP, 250 VAC, 1/4" X 1 1/4" (2 SPARE)
5	1	BUSSMANN	MDL – 3	TIME DELAY FUSE, 3 AMP, 250 VAC, 1/4" X 1 1/4"
5	1	BUSSMANN	MDL – 5	TIME DELAY FUSE, 5 AMP, 250 VAC, 1/4" X 1 1/4"
5	1	BUSSMANN	AGC – 1/2	FAST BLOW FUSE, 1 AMP, 250 VAC, 1/4: X 1 1/4"
6	2	SQUARE D	9080GCB200	CIRCUIT BREAKER, 1 POLE, 250 VAC, 20 AMP (1 SPARE)
7	A/R	CRITCHLEY	TYPE F	WIRE DUCT, WHITE, NON–SLIP COVER (REFER TO DIMENSIONS ON LAYOUT)
8	1	EDCO	HSP121BT–1RU	SURGE SUPPRESSOR, 120 VAC
9	1	EDCO	PC642C–036X	SURGE SUPPRESSOR, ANALOG SIGNAL
9	1	EDCO	PC–818	SURGE SUPRESSOR BASE
10	1		CUSTOM	NAMEPLATE, "BRUNSWICK COUNTY" AND (JOB NAME)
11	79	WEIDMULLER	102010000	PASS THROUGH TERMINAL BLOCK, BOX LUGS, 30 AMPS, WDU 4
11	A/R	WEIDMULLER	1050000000	TERMINAL BLOCK END PLATE FOR WDU 4 TERMINALS
11	A/R	WEIDMULLER	0383560000	TERMINAL BLOCK END BRACKET TYPE EW 35
13	1	POLYPHASER	IS–B50LN–C2	SURGE SUPRESSOR, BULKHEAD MOUNT, TYPE N CONNECTORS,125–1000 MHz RANGE
14	1	MDS	INET II	RADIO W/ ETHERNET BRIDGE (SEE NOTE 1)
14	1		CUSTOM	RADIO MOUNTING BRACKET, SEE DRAWING RTU–02
15	1		55500	3 FT JUMPER, RG142B/U, DOUBLE SHIELD COAX, N(M)–N(M)
16	1	SQUARE D	PK9GTA	GROUND BAR KIT (9) TERMINALS
17	1	PHOENIX	MINI–PS–100–240AC/24DC/4	24 VDC POWER SUPPLY, 4 AMPS
18	1	PHOENIX	MINI–PS–100–240AC/24DC/4	24 VDC POWER SUPPLY, 4 AMPS
19	A/R	IDEC	BNDN1000	DIN RAIL, ALUMINUM, 39.37 INCHES
20	4	SQUARE D	RPN32F7	3 POLE, DOUBLE THROW, 120 VAC CONTROL RELAY
20	4	SQUARE D	RPZF3	CONTROL RELAY BASE, DIN RAIL MOUNTED
21	1	COOPER	5320 CP	RECEPTACLE, 125 VAC, 15 AMP
21	1	RED DOT	D1H31LM	SINGLE BOX
21	1	HUBBELL	S8	COVER PLATE, RECEPTACLE, STAINLESS STEEL

ENGRAVING SCHEDULE

ID NO.	QTY.	TYPE	SIZE	PLATE COLOR	LETTER COLOR	FIRST LINE \ SECOND LINE
A	1	NP	2" X 4"	WHITE	BLACK	LIFT STATION \ RTU PANEL

NOTES:

1. CONTACT BRUNSWICK COUNTY PUBLIC UTILITIES AT (910) 253–2005 OR (910) 253–2011 FOR CURRENT RADIO TYPE.

RTU PANEL
BILL OF MATERIAL DETAIL

Revisions

1.01 - DATED 8/26/2013
Mod. Item 19 on B.o.M.

COUNTY OF BRUNSWICK

PUMP STATION SCADA / RTU DETAILS
1 - 50 HP
FOR
BRUNSWICK COUNTY
NORTH CAROLINA

Date: 05-21-12
Scale: NTS
Drawn By: JDM
Checked By: WLP