

CHECKED BY:	_ DATE: _	8/8/2016	
DESIGN ENGINEER OF RECORD: <u>CHS</u>	DATE: _	8/8/2016	
	\$\$\$\$	\$SYSTIME\$\$	\$\$\$

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A	CB-BCP1
В	CB-CP-1
С	CB-CP-2
D	CB-CP-3
Е	CB-MPLC-1
F	CB-MPLC-2
G	CB-MPLC-3
H	CB-MPLC-4
i.	CB-MPLC-5
J	CB-MPLC-6
ĸ	CB-MPLC-7
L	CB-MPLC-8
М	CB-MPLC-9
Ν	CB-MPLC-10
0	CB-MPLC-11
Р	CB-MPLC-12
Q	CB-MPLC-13
R	CB-MPLC-14
S	CB-MPLC-15
Т	CB-MPLC-16

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	CR-UV CR-RSR CR-YSR CR-GONG CR-BCR CR-RSR-LWR CR-FLASHER TR-RSR CR-XX (SPARE) CR-XX (SPARE) CR-XX (SPARE) CR-XX (SPARE) CR-XX (SPARE) CR-XX (SPARE) CR-XX (SPARE) CR-XX (SPARE) CR-XX (SPARE)

TAG	QTY
CR-UV CR-RSR CR-YSR CR-GSR CR-GONG CR-BCR CR-RSR-LWR CR-FLASHER CR-XX CR-XX NODE 00: PROCESSOR A - -	1 1 1 1 1 1 1 1 1 4 1 1 2
-	3 1
NODE 01: PROCESSOR E - - -	
-	3
NODE 03: I/O RACK	1 1 1
	5 1 1
- ESW-MPLC	3 1
- - REC-MPLC LT-MPLC	1 1 2 2
TB AS PS-MPLC	6 REQUIRED 1
TH-MPLC HTR-MPLC NF-MPLC PANELVIEW MPLC	1 1 1 1 1
TR-RSR CB-BCP1 CB-CP-1 TO CB-CP-3 CB-MPLC-1 TO	1 1 - 1 1
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CB-MPLC-19

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BILL OF MATERIAL

MODEL NUMBER	DESCRIPTION
700-P	NEMA MACHINE TOOL CONTROL RELAY
700-P	NEMA MACHINE TOOL CONTROL RELAY
700-P 700-P	NEMA MACHINE TOOL CONTROL RELAY NEMA MACHINE TOOL CONTROL RELAY
700-P	NEMA MACHINE TOOL CONTROL RELAT
700-P	NEMA MACHINE TOOL CONTROL RELAY
700-P	NEMA MACHINE TOOL CONTROL RELAY
700-P 700-P	NEMA MACHINE TOOL CONTROL RELAY NEMA MACHINE TOOL CONTROL RELAY
700-P	NEMA MACHINE TOOL CONTROL RELAT
1756-A7	7 SLOT RACK
1756-L72	PROCESSOR WITH 4096 I/O AND UP TO 64K MEMORY REDUNDANCY MODULE
1756-RM2 1756-EN2T	10/100 Mbps & 127 TCP/IP CONNECTIONS
	& LOGIX CONNECTIONS
1756-N2	FILLER FOR EMPTY RACK SLOT
1756-PA/72C 1756-A7	POWER SUPPLY FOR THE SYSTEM 7 SLOT RACK
1756-L72	PROCESSOR WITH 4096 I/O AND UP TO 64K MEMORY
1756-RM2	REDUNDANCY MODULE
1756-EN2T	10/100 Mbps & 127 TCP/IP CONNECTIONS
1756-N2	& LOGIX CONNECTIONS FILLER FOR EMPTY RACK SLOT
1756-PA/72C	POWER SUPPLY FOR THE SYSTEM
1756-A13	13 SLOT RACK
1756-PA/72C 1756-IA16	POWER SUPPLY FOR THE SYSTEM
1756-OX8I	16 DISCRETE INPUTS, 120VAC 8 DIGITAL OUTPUTS, 120VAC
1756-EN2T	10/100 Mbps & 127 TCP/IP CONNECTIONS
	& LOGIX CONNECTIONS
1756-N2 STRATIX 5700 1783 BMS10CGP	FILLER FOR EMPTY RACK SLOT 10 PORT ETHERNET SWITCH WITH 2 SFP
311A11A 3700 1783 BM310CGF	ADAPTER TO CONNECT DIRECTLY TO FIBER LINE
-	NOISE FILTER
-	FLASHER UNIT
ECGB10 1SNAB92461R1500	SIEMENS ENERGY AND AUTOMATION GROUND BAR ABB CONTROL INC. RECEPTACLE
-	PANEL MOUNTED FLUORESCENT LIGHT WITH
	DOOR SWITCH
1492-J4 1606-XLP9SE	ALLEN BRADLEY TERMINAL BLOCKS ALLEN BRADLEY COMPACT SWITCHED MODE
1000-ALF 93L	POWER SUPPLIES 24VDC
1711000010	PFANNENBERG THERMOSTAT
1701SOO007	PFANNENBERG 1SOW RADIANT HEATER
	ISLATROL IC+ SERIES 12" TOUCHSCREEN PANELVIEW PLUS
A726018SSFSD	72" X 60" X 18" NEMA-12 STAINLESS STEEL
	PANEL WITH BACKPLATE
- 1489-A1C200	RED SIGNAL TIMING RELAY ALLEN BRADLEY 1 POLE CIRCUIT BREAKER 20A
1489-A1C200 1489-A1C050	ALLEN BRADLEY 1 POLE CIRCUIT BREAKER 5A
-	-
1489-A1C050	ALLEN BRADLEY 1 POLE CIRCUIT BREAKER 5A
1489-A1C050 _	ALLEN BRADLEY 1 POLE CIRCUIT BREAKER 5A
1489-A1C050	ALLEN BRADLEY 1 POLE CIRCUIT BREAKER 5A
	PLC EQUIPMENT, MODEL NUMBER PARTS ARE THE
RECOMMEND	DED PARTS AND MAY BE REPLACED WITH APPROVED EQUAL.
	PROJECT NO. B-5936
	PROJECTINO.
	TYRRELLCOUNTY
	BRIDGE NO:7

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH MAIN PROGRAMMABLE LOGIC CONTROLLER: Scott Reynolds **INTERIOR & LAYOUT** -BFEC5720F8F14B0. SEAL 5 036065 ALLIGATOR RIVER 9/14/2016 O, VGINEER O SWING SPAN SHEET NO. REVISIONS E-23 NO. BY: DATE: BY: DATE: DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED TOTAL DWGS TOTAL SHEETS

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