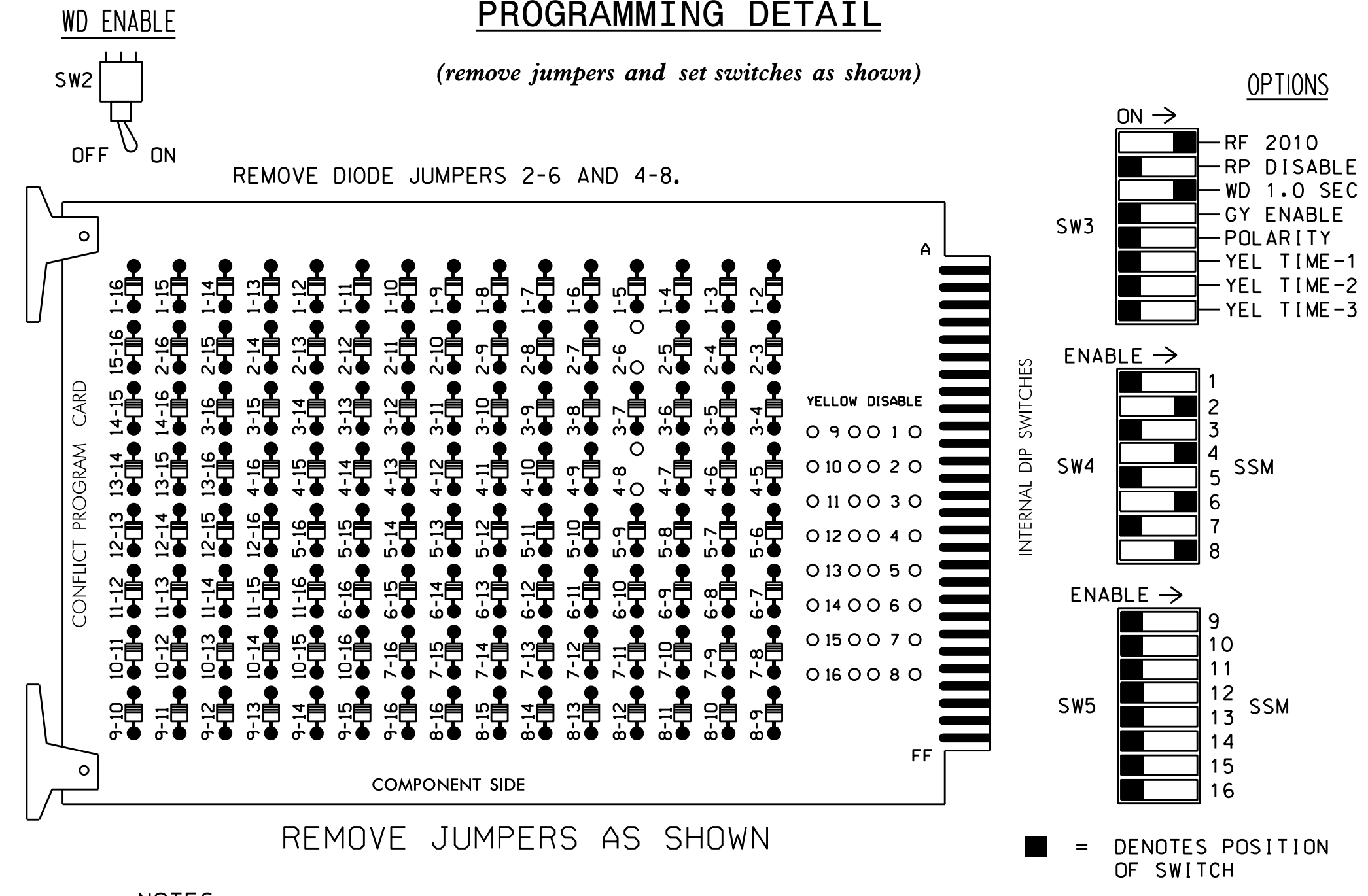


EDI MODEL 2010ECL CONFLICT MONITOR

PROGRAMMING DETAIL



NOTES:

1. Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
2. Make sure jumpers SEL2-SEL5 are present on the monitor board.

NOTES

1. To prevent "flash-conflict" problems, insert red flash program blocks for all unused vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the Signal Plans.
2. To prevent red failures on unused monitor channels, see Red Monitor Board Programming Detail this sheet.
3. Program phases 2 and 6, on the controller unit, for Start Up In Green.
4. Enable Simultaneous Gap-Out, on the controller unit, for all phases.
5. Program phases 4 and 8, on the controller unit, for Dual Entry.
6. Program phases 2 and 6, on the controller unit, for Variable Initial and Gap Reduction.
7. The cabinet and controller are part of the US 258-NC 24 Richlands Closed Loop System.

FIELD CONNECTION HOOK-UP CHART

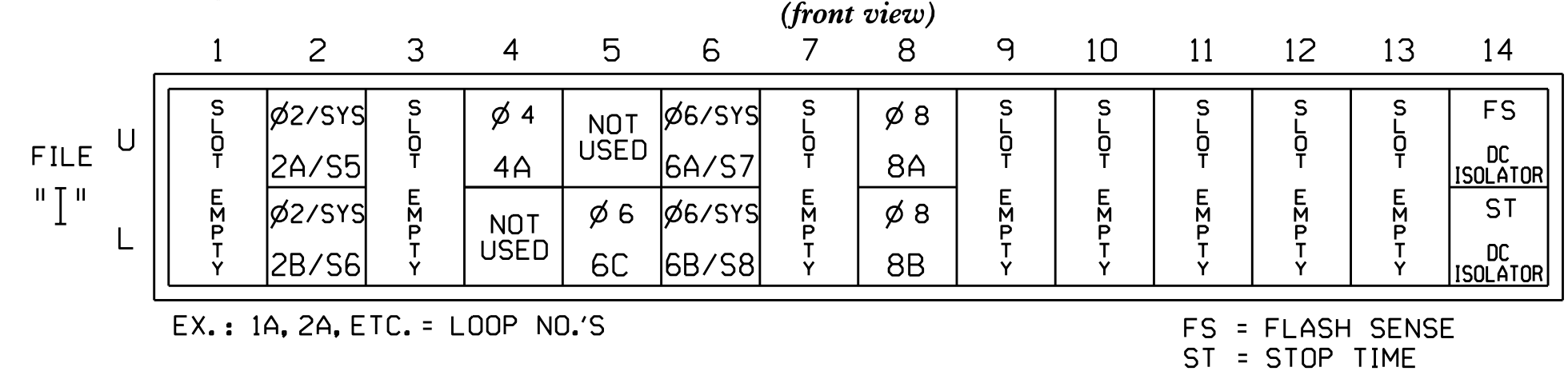
LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NU	21,22	NU	NU	41,42	NU	NU	61,62	NU	NU	81,82	NU
RED		128			101			134			107	
YELLOW		129			102			135			108	
GREEN		130			103			136			109	
RED ARROW												
YELLOW ARROW												
GREEN ARROW												

NU = NOT USED

EQUIPMENT INFORMATION

CONTROLLER.....EAGLE TYPE 2070L
 CABINETMcCAIN/CONTROL TECHNOLOGIES (DWG.NO.9500-336-NCDDT)
 SOFTWAREECONOLITE OASIS
 CABINET MOUNT.....POLE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S4,S6,S8
 PHASES USED.....2,4,6,8
 OVERLAPS.....NONE

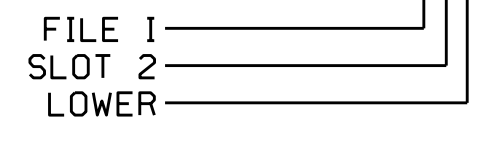
INPUT FILE POSITION LAYOUT



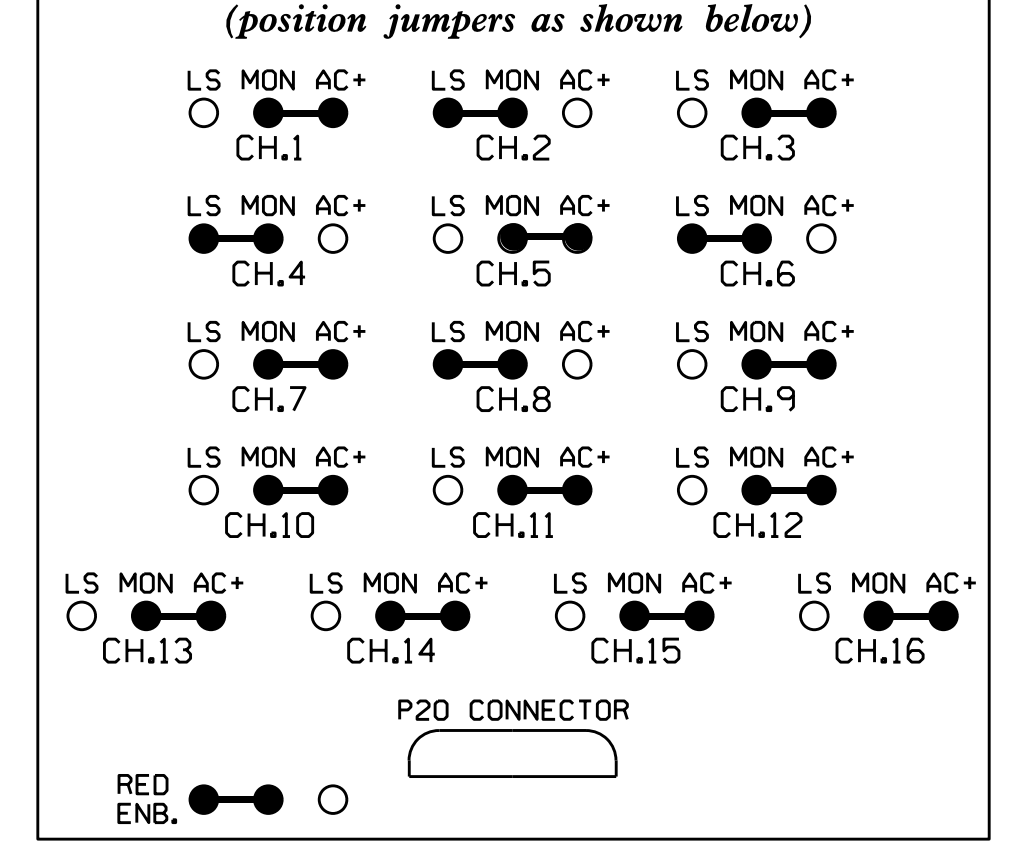
INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
2A/S5	TB21-3,4	I2U	39	1	2	2/SYS	Y	Y			
2B/S6	TB23-3,4	I2L	43	5	12	2/SYS	Y	Y			
4A	TB21-7,8	I4U	41	3	4	4	Y	Y			10
6A/S7	TB21-11,12	I6U	40	2	6	6/SYS	Y	Y			
6B/S8	TB23-11,12	I6L	44	6	16	6/SYS	Y	Y			
6C	TB23-9,10	I5L	48	10	26	6	Y	Y	Y		3
8A	TB22-1,2	I8U	42	4	8	8	Y	Y			3
8B	TB24-1,2	I8L	46	8	18	8	Y	Y			10

INPUT FILE POSITION LEGEND: I2L



RED MONITOR BOARD PROGRAMMING



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0306
 DESIGNED: February 2016
 SEALED: 4/21/2016
 REVISED: N/A

Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISION SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 KEITH M. MIMS
 4/22/2016

Prepared in the Offices of:
 NORTH CAROLINA PROFESSIONAL ENGINEER
 JAMES PETERSON
 750 N. Greenfield Pkwy, Garner, NC 27529

US 258-NC 24 (Richlands Hwy) at Wilmington Street/Fay Avenue
 Division 3 Onslow County Richlands
 PLAN DATE: FEBRUARY 2003 REVIEWED BY: T. JOYCE
 PREPARED BY: JAMES PETERSON REVIEWED BY: BAS
 REVISIONS INIT. DATE
 Program loads 2A,2B,6A,6B for system operation. GCB 07/11/07
 Set YEL TIME-1 and YEL TIME-2 switches to "OFF" position. CES 07/06/07, DJV 07/11/07
 Revised loop 2C, revised monitor SEL jumpers. JWS/KMM 4/22/2016

Not a certified document as to the Original Document but only as to the Revisions - This document originally issued and sealed by George C. Brown, #022013, on 7/11/07. This document is only certified as to the revisions.
 SIGNATURE DATE
 SIG. INVENTORY NO. 03-0306

2017CPT.03.05.10671.dgn
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