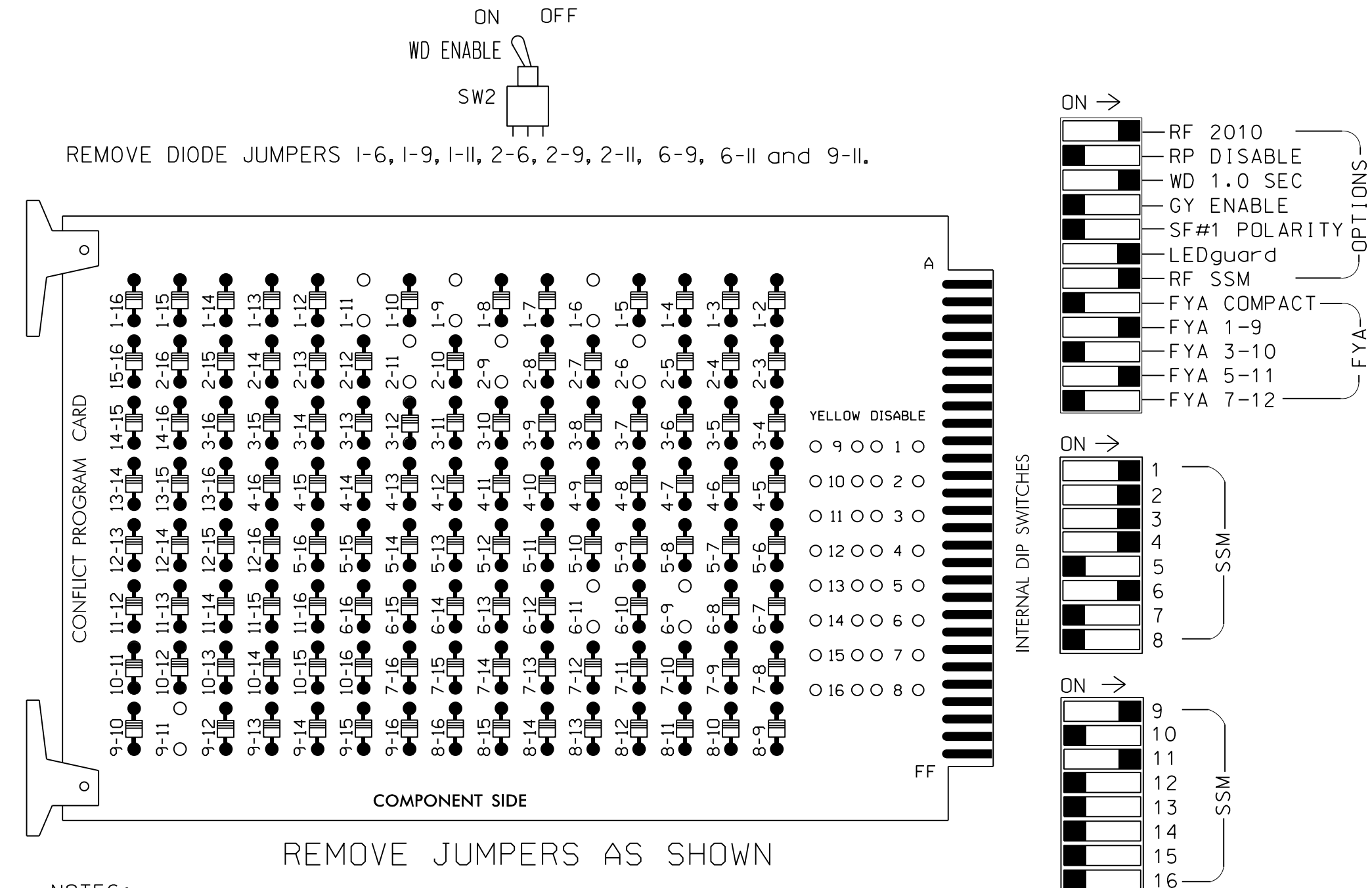


EDI MODEL 2010ECL-NC CONFLICT MONITOR

PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



REMOVE DIODE JUMPERS 1-6, 1-9, 1-11, 2-6, 2-9, 2-11, 6-9, 6-11 and 9-11.

REMOVE JUMPERS AS SHOWN

NOTES:

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

NOTES

- 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.
- Program controller to start up in phase 2 Green and 6 Green.
- The cabinet and controller are part of the Signal System # 10605.

EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070LX CABINET.....EXISTING EAGLE 332 /W/ AUX SOFTWAREEXISTING ECONOLITE ASC/3-2070 CABINET MOUNT.....BASE OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE LOAD SWITCHES USED.....S1,S2,S3,S4,S6,S9,S12. PHASES USED.....1,2,3,4,6. OVERLAP "A".....* OVERLAP "B".....NOT USED OVERLAP "C".....NOT USED OVERLAP "D".....NOT USED * See overlap programming detail on sheet 2

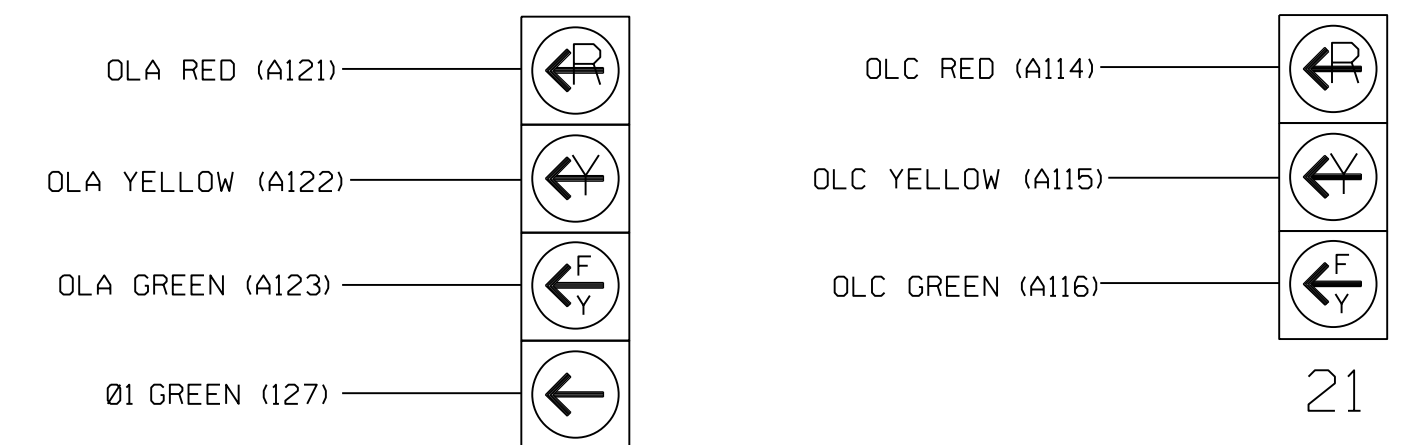
SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P	S9	S10	S11	S12	S13	S14				
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE				
SIGNAL HEAD NO.	11	32	22,23	31	32	23	41	42	62	NU	NU	61,62	NU	NU	NU	11	NU	NU	21	NU	NU	
RED	*	128		116	116		101	101				134										
YELLOW		129		117	117		102	102				135										
GREEN		130		118	118		103	103				136										
RED ARROW																A121					A114	
YELLOW ARROW		126				117			102							A122					A115	
FLASHING YELLOW ARROW																A123					A116	
GREEN ARROW	127	127		118	118	103	103															

NU = Not Used
* Denotes install load resistor. See load resistor installation detail this sheet.
★ See pictorial of head wiring in detail below.

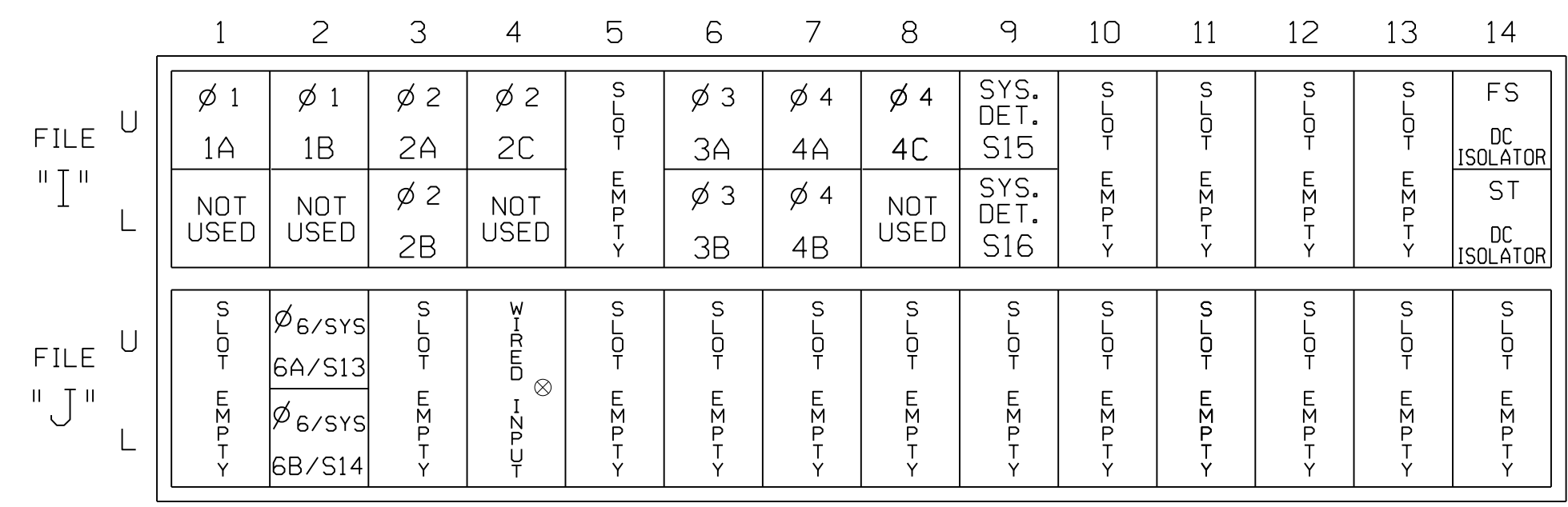
FYA SIGNAL WIRING DETAIL

(wire signal heads as shown)



INPUT FILE POSITION LAYOUT

(front view)



EX.: 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
ST = STOP TIME

⊗ Wired Input - Do not populate slot with detector card

INPUT FILE CONNECTION & PROGRAMMING CHART

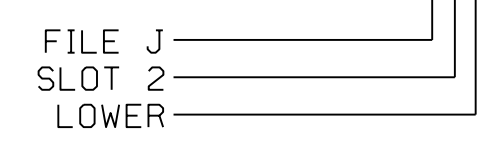
LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	ADDED INITIAL	DETECTOR TYPE
1A ¹	TB2-1,2	I1U	56	1	1	YES		15		N
	-	J4U	48	26	6	YES		3		G
1B	TB2-5,6	I2U	39	2	1	YES		15		N
	2A	TB2-9,10	I3U	63	2	YES			X	N
2B	TB2-11,12	I3L	76	42	2	YES			X	N
	2C	TB4-1,2	I4U	47	22	2	YES	3		G
3A	TB4-9,10	I6U	41	4	3	YES		3		N
	3B	TB4-11,12	I6L	45	14	3	YES			N
4A	TB6-1,2	I7U	65	34	4	YES		2		N
	4B	TB6-3,4	I7L	78	44	4	YES	5		N
4C	TB6-5,6	I8U	49	24	4	YES		15		N
	* S15	TB6-9,10	I9U	60	11	SYS	NO			N
* S16	TB6-11,12	I9L	62	13	SYS	NO				N
6A/S13	TB3-5,6	J2U	40	6	6/SYS	YES			X	N
6B/S14	TB3-7,8	J2L	44	16	6/SYS	YES			X	N

* System detector only. Remove any assigned vehicle phase.

¹Add jumper from I1-W to J4-W, on rear of input file.

If present, remove jumpers from TB2-5 to TB2-7, and from TB2-6 to TB2-8.

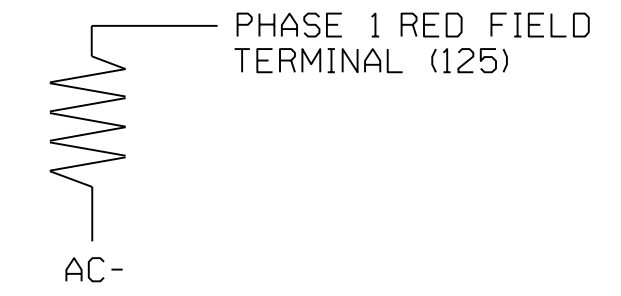
INPUT FILE POSITION LEGEND: J2L



LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown below)

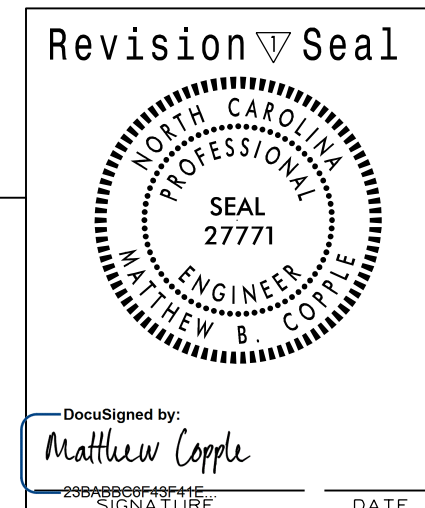
VALUE (ohms)	WATTAGE
1.5K - 1.9K	25W (min)
2.0K - 3.0K	10W (min)



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-1271
DESIGNED: February 2013
SEALED: 3-15-13
REVISED: 05/14/2020



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License: C-2197



ELECTRICAL DETAIL SHEET 1 OF 2

REVISIONS

NO.	DESCRIPTION	DATE
1	Controller changed to ASC/3	05/14/20

US 701-NC 130
(South J.K. Powell Blvd.) at
Leslie Newsome Ave. /
Whiteville Town Centre Entrance

Division 06 Columbus County Whiteville

PLAN DATE: 3-13-13 REVIEWED BY:

PREPARED BY: D.H. Spaulding REVIEWED BY:

INIT. DATE

MBC 05/14/20

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
Not a certified document.
This document originally issued and sealed by George C. Brown, P.E., no.022013
on (3/19/13)
This document shall not be considered a certified document.

SIGNATURE DATE

SIG. INVENTORY NO. 06-1271