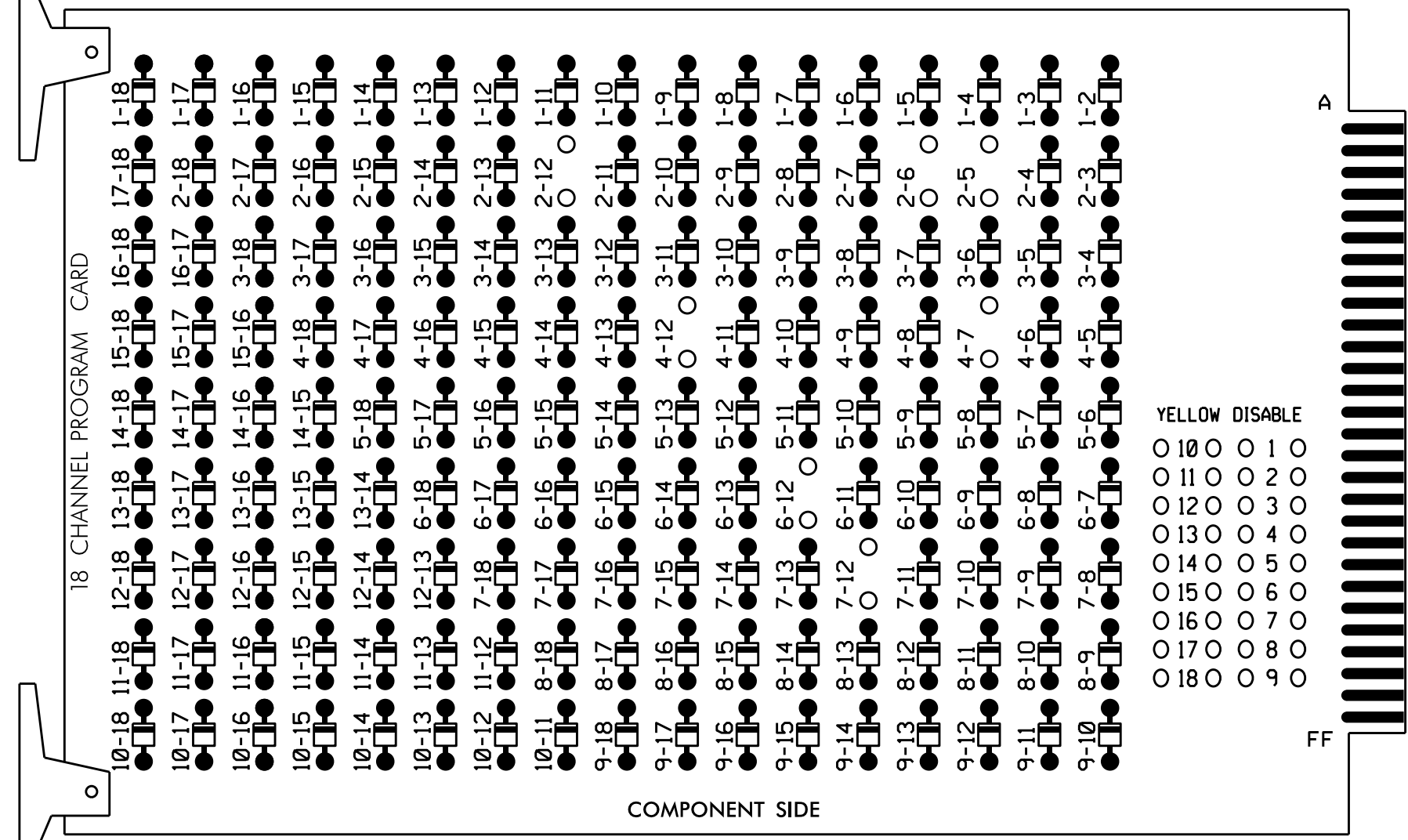


**EDI MODEL 2018ECL-NC CONFLICT MONITOR
PROGRAMMING DETAIL**

(remove jumpers and set switches as shown)

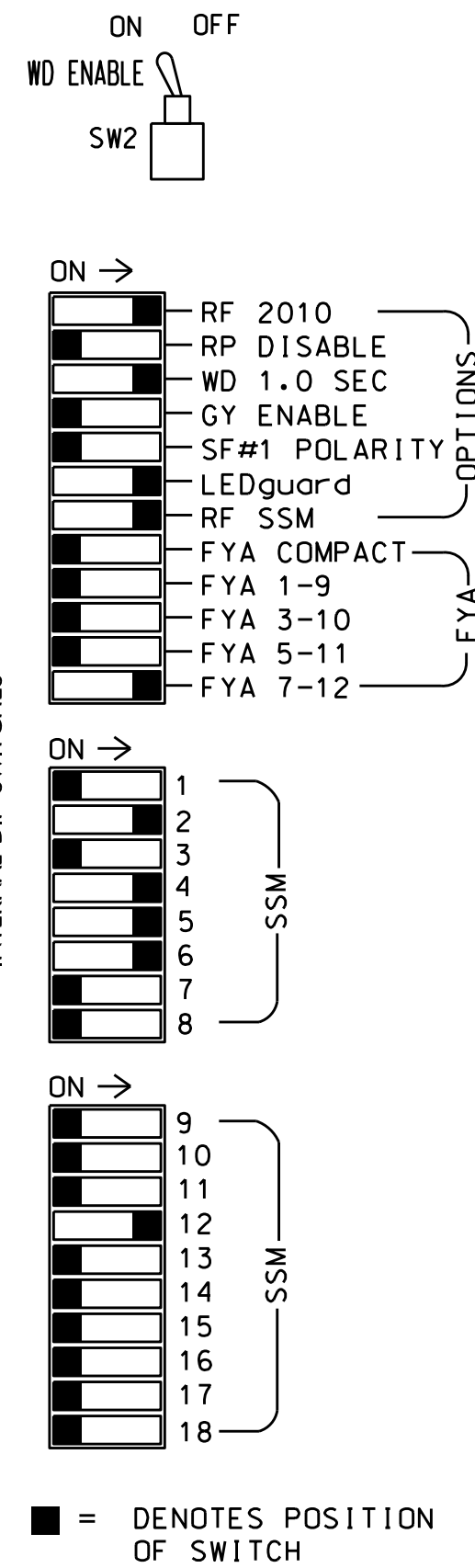
REMOVE DIODE JUMPERS 2-5, 2-6, 2-12, 4-7, 4-12, 6-12 and 7-12.



REMOVE JUMPERS AS SHOWN

NOTES:

- Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
- Ensure jumpers SEL2-SEL5 and SEL9 are present on the monitor board.
- Ensure that Red Enable is active at all times during normal operation.
- Connect serial cable from conflict monitor to comm. port 1 of 2070 controller. Ensure conflict monitor communicates with 2070.



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.
- Enable Simultaneous Gap-Out for all phases.
- Program phases 2 and 6 for Start Up In Green.
- Program phases 2 and 6 for Yellow Flash, and overlap 4 as Wag Overlaps.
- The cabinet and controller are part of the Fayetteville Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070L
 CABINET.....332 W/AUX
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS....18 (12-STD; 6-AUX)
 LOAD SWITCHES USED.....S2,S5,S8,S10,AUX S5
 PHASES USED.....2,4,5,6
 OVERLAP 'A'.....NOT USED
 OVERLAP 'B'.....NOT USED
 OVERLAP 'C'.....NOT USED
 OVERLAP 'D'.....4+6
 OVERLAP 'E'.....4

SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	9	10	17	11	12	18
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	OLE	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	NU	21,22	NU	NU	41,42	NU	51	61,62	NU	63*	NU	NU	NU	NU	NU	NU	63*	NU
RED		128			101			134		*							A101	
YELLOW		129			102			135										
GREEN		130			103			136										
RED ARROW								131										
YELLOW ARROW								132									A102	
FLASHING YELLOW ARROW																	A103	
GREEN ARROW								133		124								

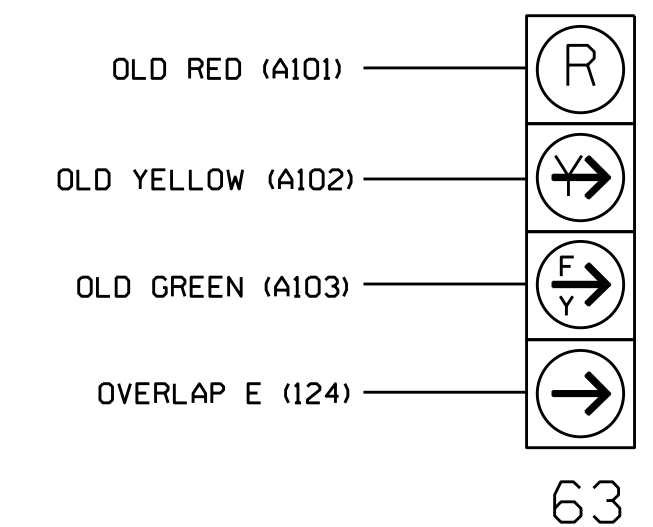
NU = Not Used

* See pictorial of head wiring on this sheet.

* Denotes install load resistor. See load resistor installation detail this sheet.

FYA SIGNAL WIRING DETAIL

(wire signal heads as shown)

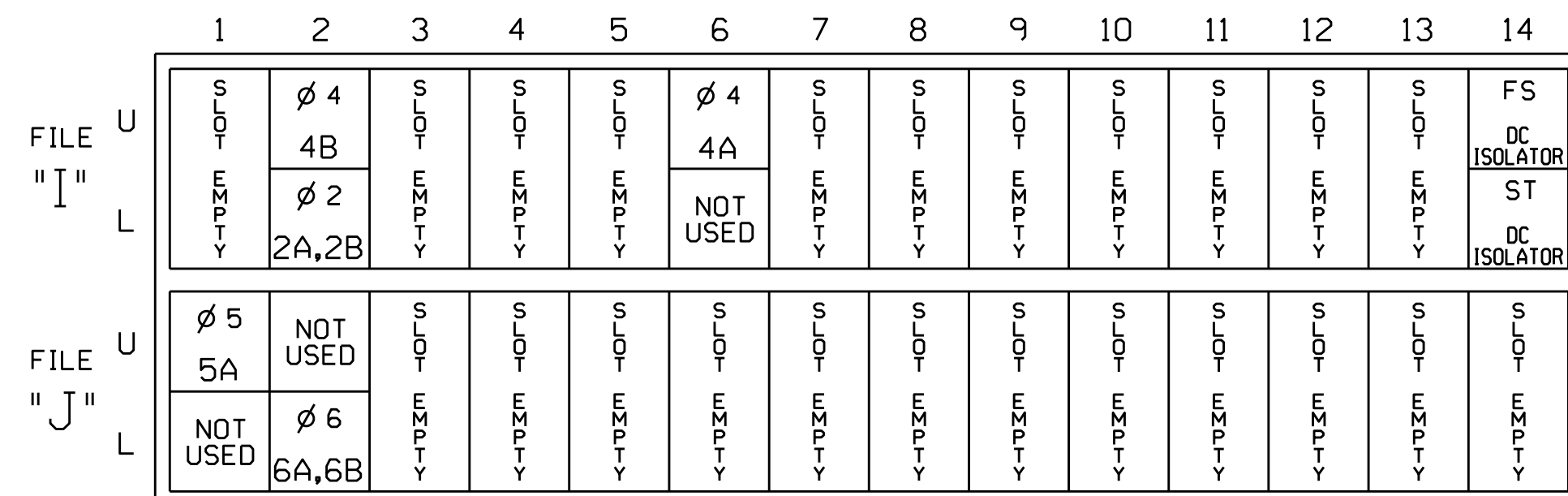


NOTE

The sequence display for this signal requires special logic programming. See sheet 2 for programming instructions.

INPUT FILE POSITION LAYOUT

(front view)



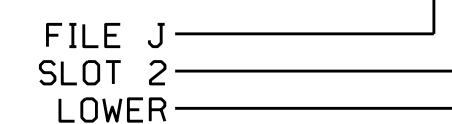
EX. : 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
 ST = STOP TIME

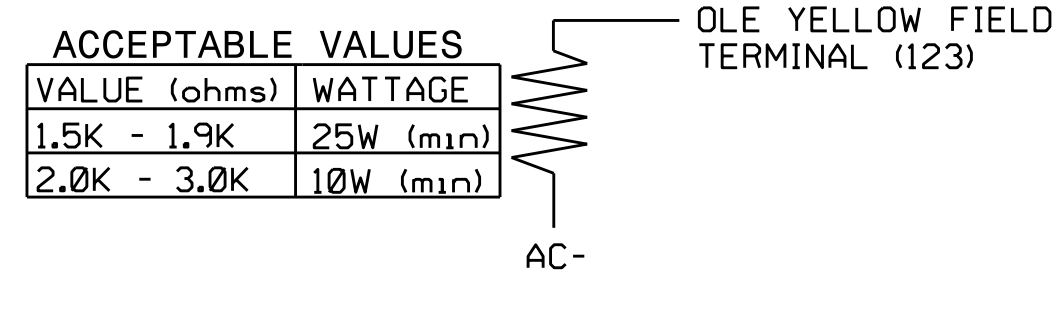
INPUT FILE CONNECTION & PROGRAMMING CHART

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,2B	TB2-7,8	I2L	43	5	12	2	Y	Y			
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			
4B	TB2-5,6	I2U	39	1	2	4	Y	Y			15
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			
6A,6B	TB3-7,8	J2L	44	6	16	6	Y	Y			

INPUT FILE POSITION LEGEND: J2L



**LOAD RESISTOR
INSTALLATION DETAIL**



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-1336T1
 DESIGNED: June 2015
 SEALED: 8/28/15
 REVISED: N/A

Electrical Detail - Sheet 1 of 2 - Temp 1 Phase 2 (Thru Step 3)

Electrical and Programming Details For: NC 24-210 (Rowan Street) / NC 24 (Bragg Boulevard) at NC 210 (Murchison Road) / Bragg Boulevard

Division 6 Cumberland County Fayetteville

PLAN DATE: July 2015 REVIEWED BY:

PREPARED BY: B. SIMMONS REVIEWED BY:

REVISIONS INIT. DATE

Seal: GEORGE C. BROWN, PROFESSIONAL ENGINEER, SEAL 022013

DocuSigned by: George C. Brown 8/31/2015

750 N. Greenfield Pkwy, Garner, NC 27529

SIG. INVENTORY NO. 06-1336T1