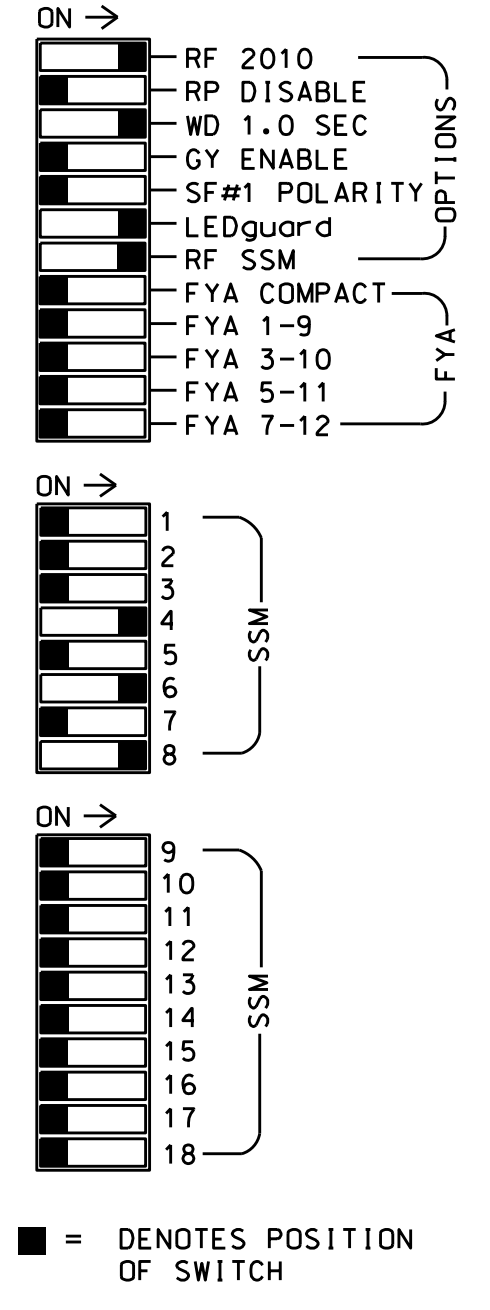
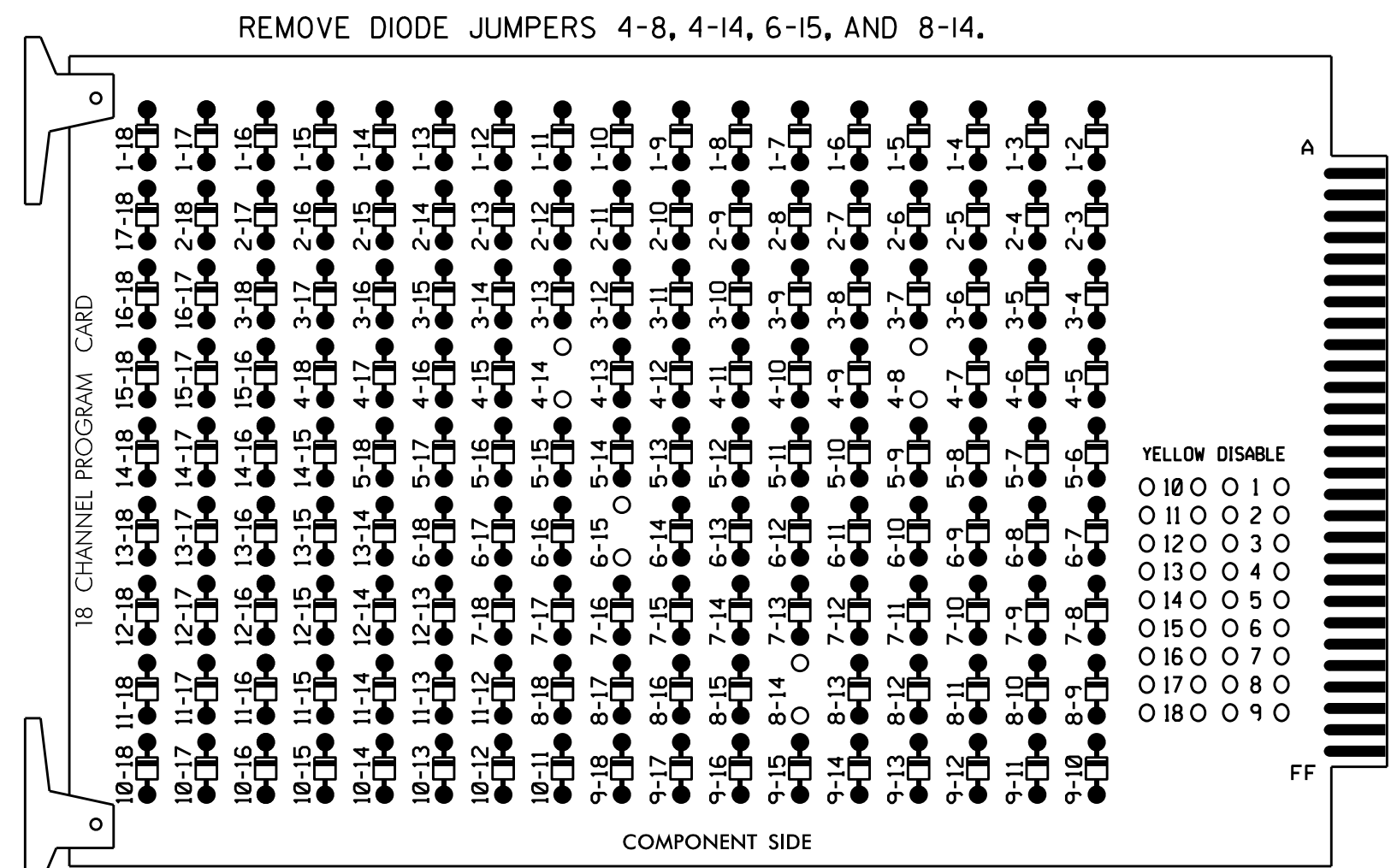


EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)

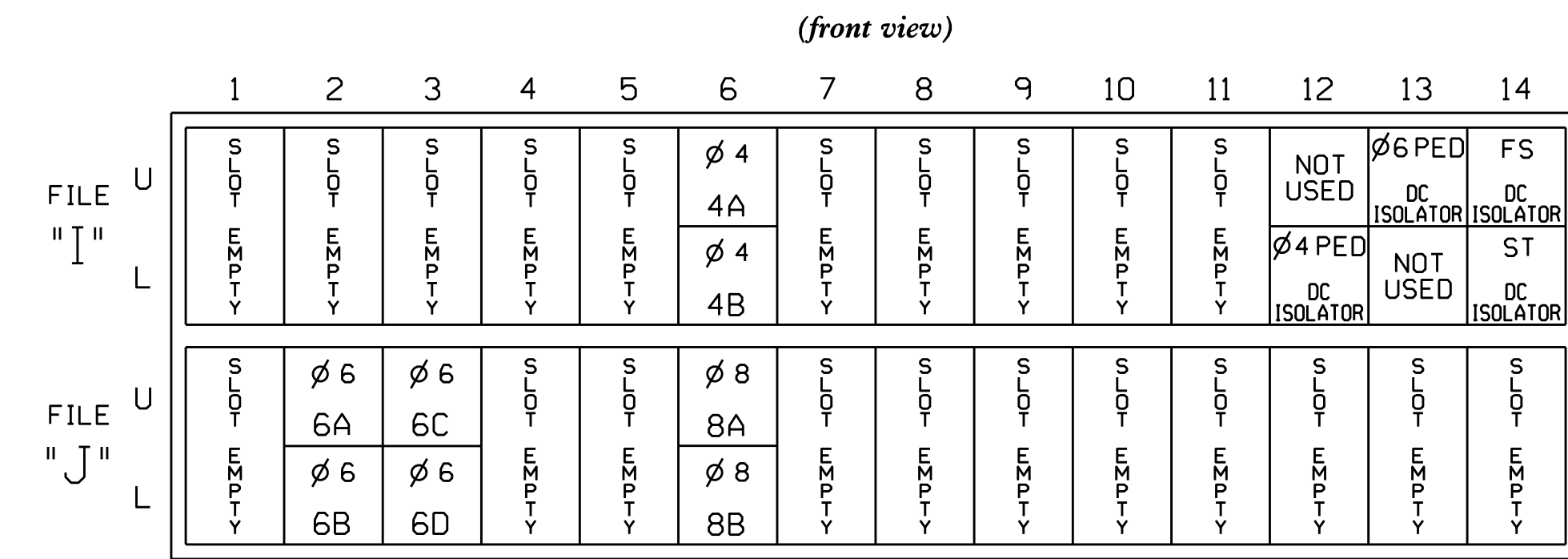


NOTES:

- 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.

REMOVE JUMPERS AS SHOWN

INPUT FILE POSITION LAYOUT

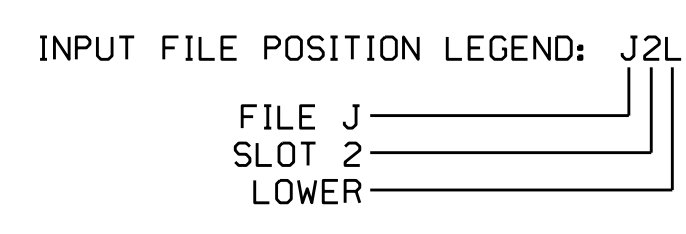


EX.: 1A, 2A, ETC. = LOOP NO.'S
FS = FLASH SENSE
ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	ADDED INITIAL	DETECTOR TYPE
4A	TB4-9,10	I6U	41	4	4	YES				S
4B	TB4-11,12	I6L	45	14	4	YES				S
6A	TB3-5,6	J2U	40	6	6	YES				S
6B	TB3-7,8	J2L	44	16	6	YES				S
6C	TB3-9,10	J3U	64	36	6	YES				S
6D	TB3-11,12	J3L	77	46	6	YES				S
8A	TB5-9,10	J6U	42	8	8	YES				S
8B	TB5-11,12	J6L	46	18	8	YES				S

NOTE:
INSTALL DC ISOLATORS
IN INPUT FILE SLOTS
I12 AND I13.



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 phases 4 and 7 for Dual Entry.
- Program controller to start up in phase 4 Red Clear and 8 Red Clear.
- The cabinet and controller are part of the SR 4771 (Reedy Fork Parkway) CLS Signal System: 10727.

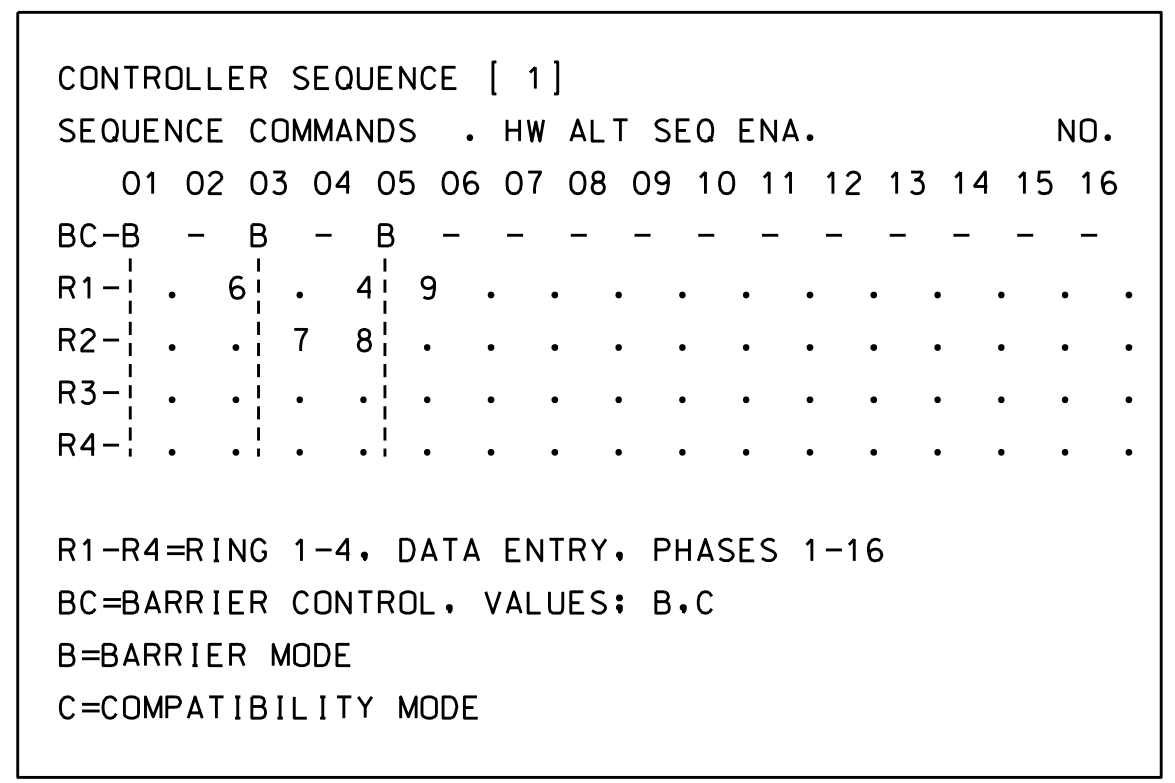
EQUIPMENT INFORMATION

CONTROLLER.....2070
CABINET.....332
SOFTWARE.....ECONOLITE ASC/3-2070
CABINET MOUNT.....BASE
OUTPUT FILE POSITIONS...12
LOAD SWITCHES USED.....S5,S6,S8,S9,S11
PHASES USED.....4,4 PED,6,6 PED,7*,8,9*
OVERLAPS.....NONE
* PHASE USED FOR TIMING PURPOSES ONLY

ECONOLITE ASC/3-2070 CONTROLLER SEQUENCE PROGRAMMING DETAIL

(program controller as shown)

- From Main Menu select **1. CONFIGURATION**
- From CONFIGURATION Submenu select **1. CONTROLLER SEQ**
- From CONTROLLER SEQUENCE Submenu select **1. PHASE RING SEQUENCE AND ASSIGNMENT**



END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 07-0905T2
DESIGNED: April 2020
SEALED: April 20, 2020
REVISED: N/A

Project #: 180914

HOME OFFICE:
119 BROOKSTOWN AVENUE, SUITE PH1
WINSTON-SALEM, NC 27101
336.744.1636 www.davenportworld.com
NCBELS FIRM LICENSE NO. C-2522

SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NU	NU	NU	NU	41,42	43,44	P41, P42	61,62, 63,64	65,66	P61, P62	NC	81,82 83,84
RED					101	101		134	134			107
YELLOW					102			135				
GREEN												
RED ARROW											107	
YELLOW ARROW						102			135		108	108
GREEN ARROW						103	103		136	136	109	109
Hand							104			119		
Walker							106			121		

NU = Not Used
NC = Not Connected

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

ECONOLITE ASC/3-2070 PHASES IN USE PROGRAMMING DETAIL

(program controller as shown)

- From Main Menu select **1. CONFIGURATION**
- From CONFIGURATION Submenu select **2. PHASE IN USE/PED**

PHASES IN USE / EXCLUSIVE PED	PHASE 1	2	3	4	5	6	7	8
IN USE.....				X		X	X	X
EXCLUSIVE PED								
PHASE 9 10 11 12 13 14 15 16								
IN USE.....	X							
EXCLUSIVE PED								

END PROGRAMMING

Electrical Detail - Sheet 1 of 2
Tempory Design 2 - TMP Phase III, Step 5

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared in the Offices of:
750 N. Greenfield Pkwy, Garner, NC 27529

SR 4771 (Reedy Fork Parkway)
at
US 29 Northbound Ramp

Division 7 Guilford County Greensboro

PLAN DATE: April 2020 REVIEWED BY: R. Hinshaw

PREPARED BY: T.S. Warren REVIEWED BY:

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

DocuSigned by:
R. Hinshaw
4/20/2020

SIG. INVENTORY NO. 07-0905T2