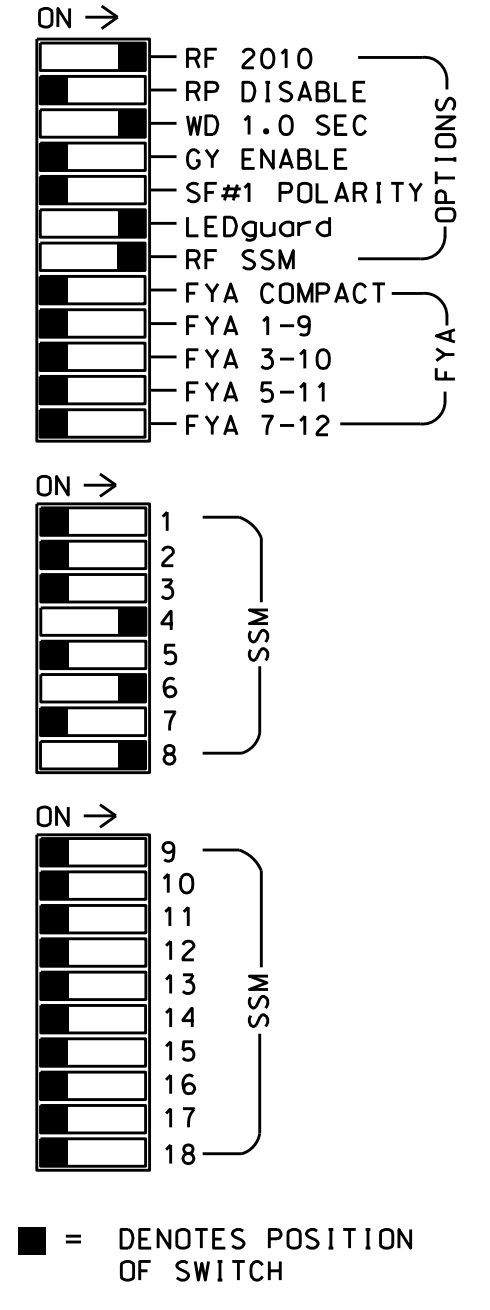
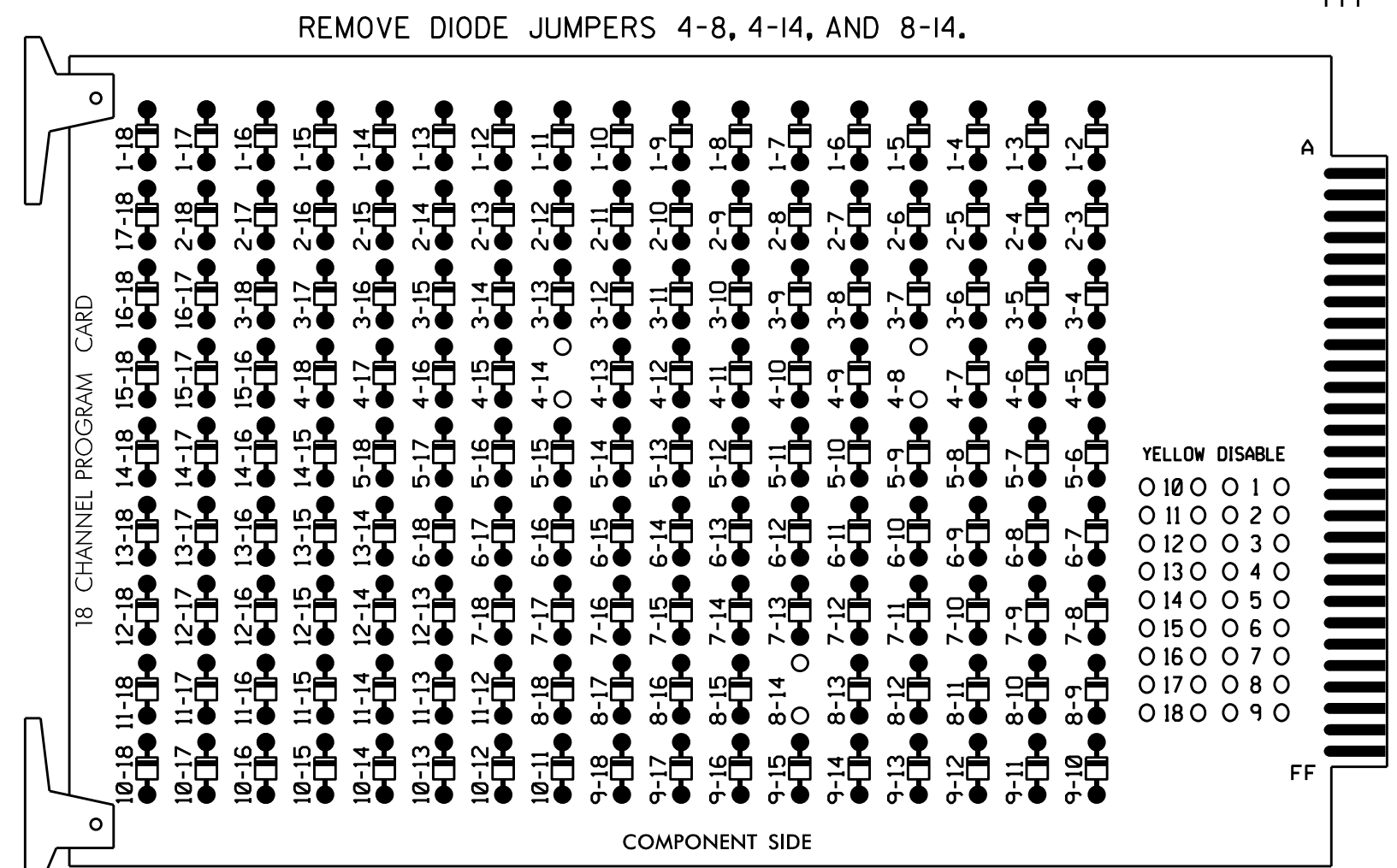


EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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.

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,S12
 PHASES USED.....4,4 PED,6,7*,8,9*
 OVERLAPS.....NONE
 * PHASE USED FOR TIMING PURPOSES ONLY

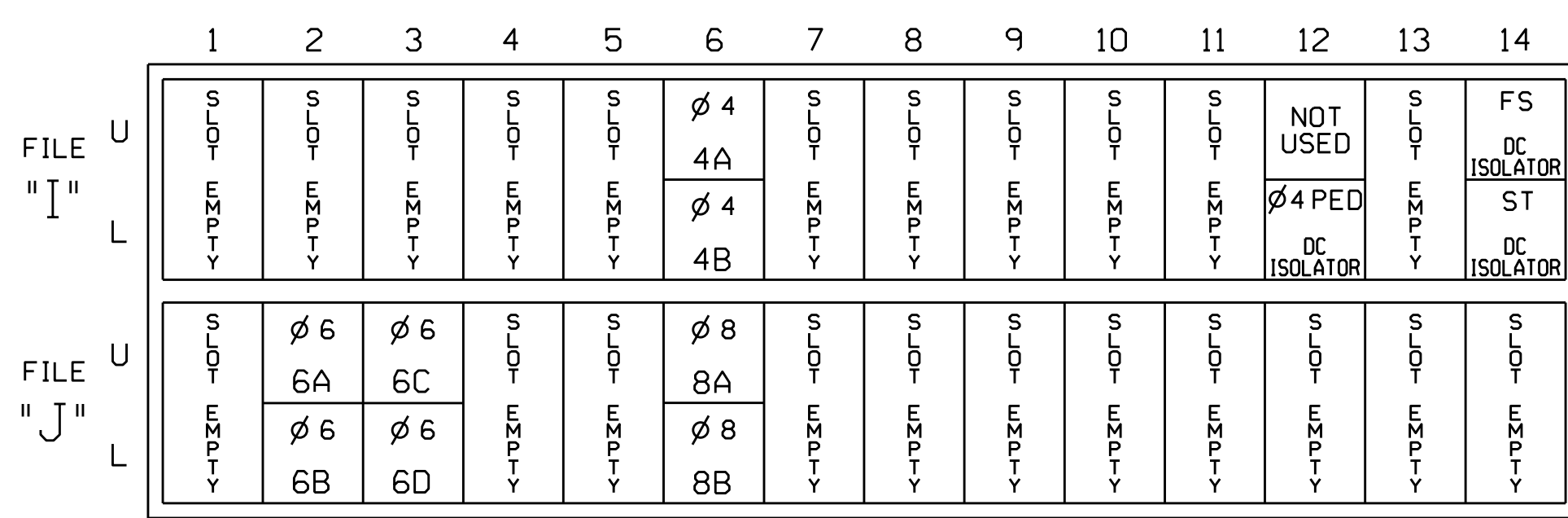
SIGNAL HEAD HOOK-UP CHART

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	NU	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 icon							104					
Walking person icon							106					

NU = Not Used
 NC = Not Connected

INPUT FILE POSITION LAYOUT

(front view)

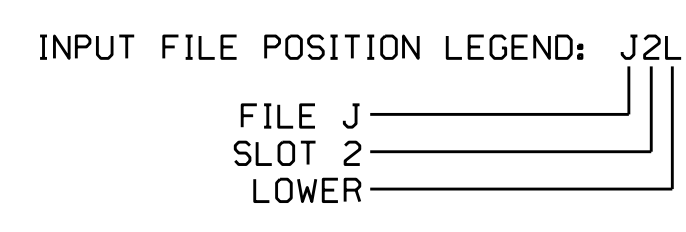


EX.: 1A, 2A, ETC. = LOOP NO.'S
 FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	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

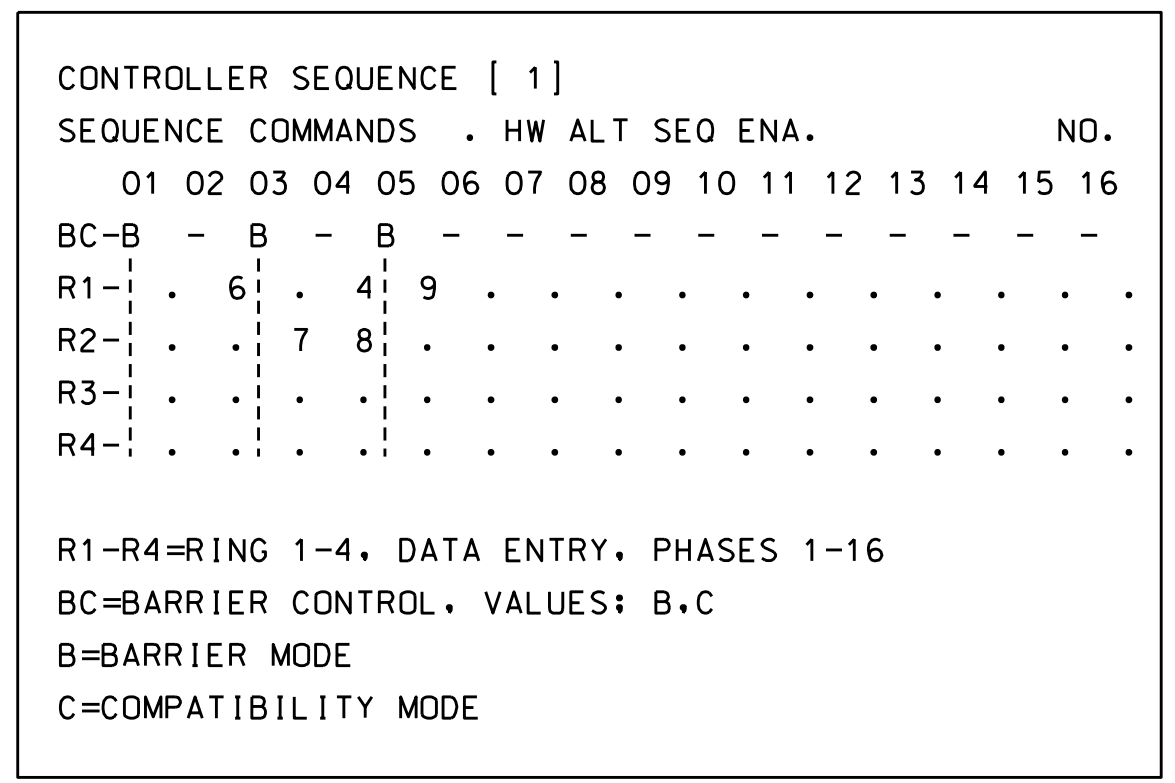
NOTE:
 INSTALL A DC ISOLATOR
 IN INPUT FILE SLOT 112.



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

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 1 (TMP Phase III, Step 1)

THIS ELECTRICAL DETAIL IS FOR
 THE SIGNAL DESIGN: 07-0905T1
 DESIGNED: April 2020
 SEALED: April 20, 2020
 REVISED: N/A

Project #: 180914

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ELECTRICAL AND PROGRAMMING
 DETAILS FOR:

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:
 Royal Hinshaw
 4/20/2020

SIG. INVENTORY NO. 07-0905T2