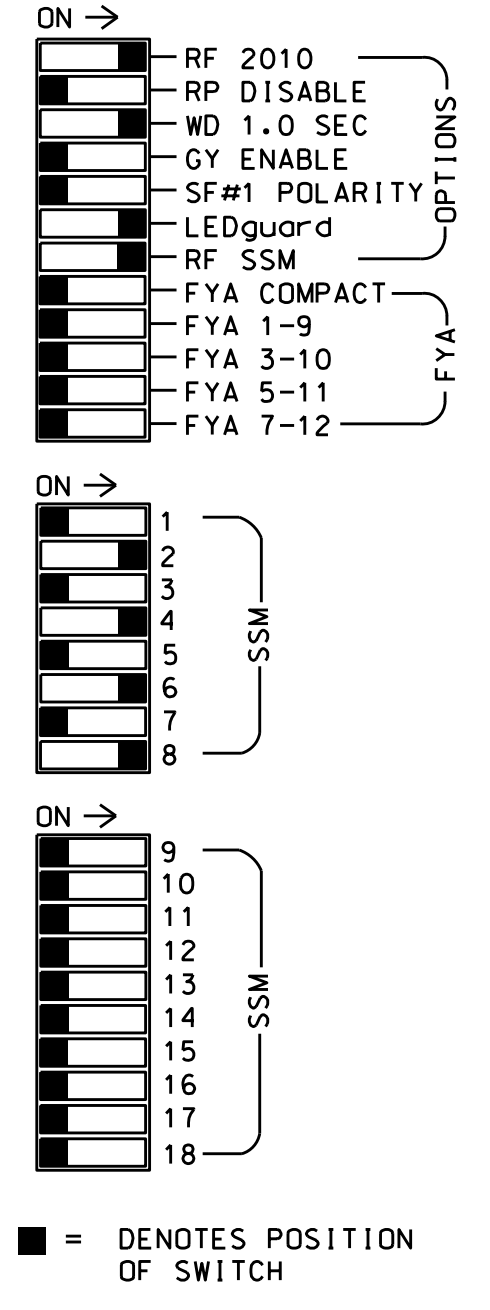
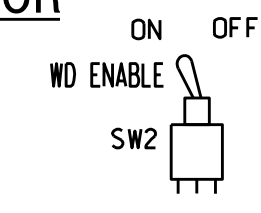
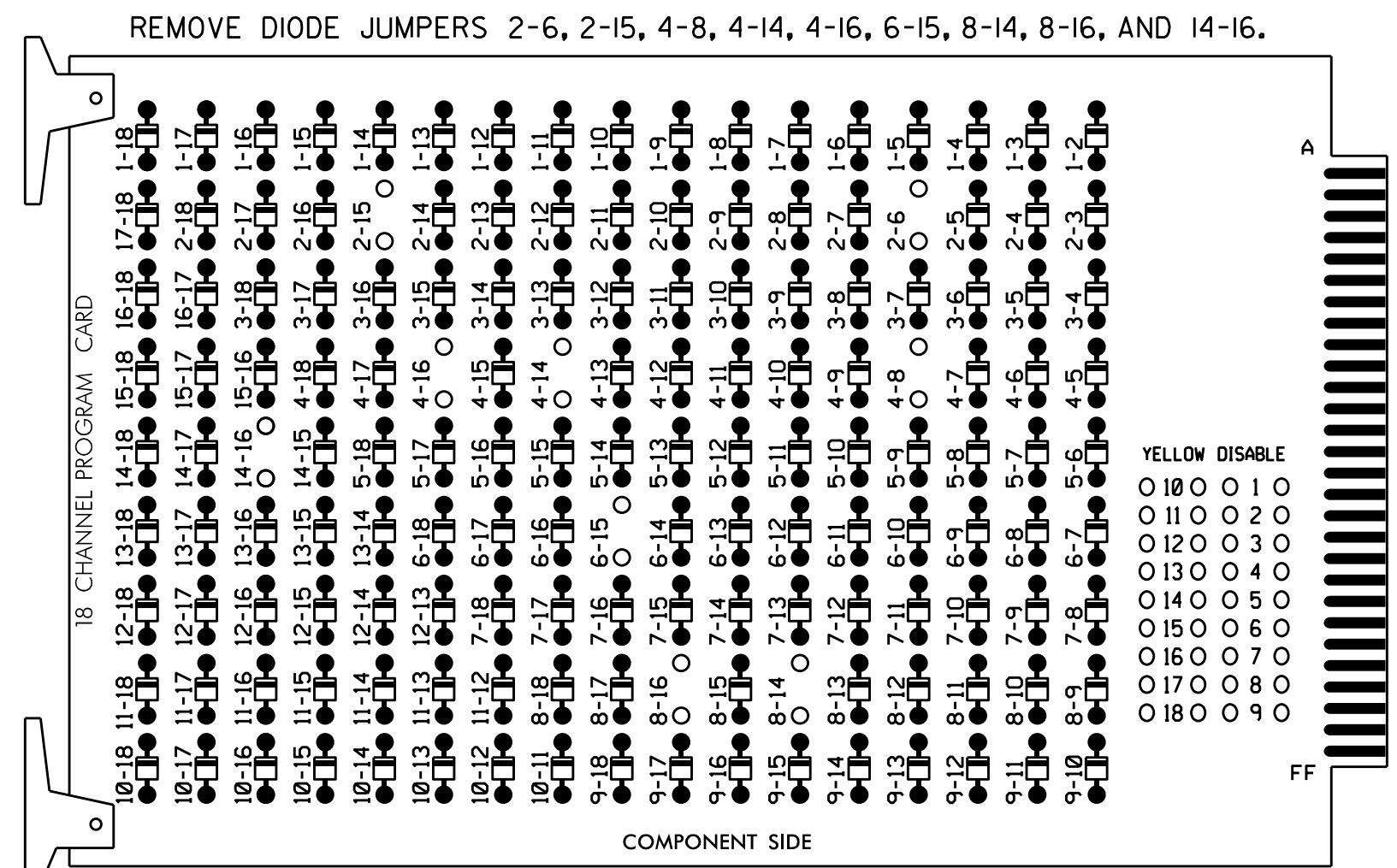


EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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 2, 4, 6, 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.....S2,S5,S6,S8,S9,S11,S12
 PHASES USED.....2,4,4 PED,6,6 PED,
 7*,8,8 PED,9*
 OVERLAPS.....NONE
 * PHASE USED FOR TIMING PURPOSES ONLY

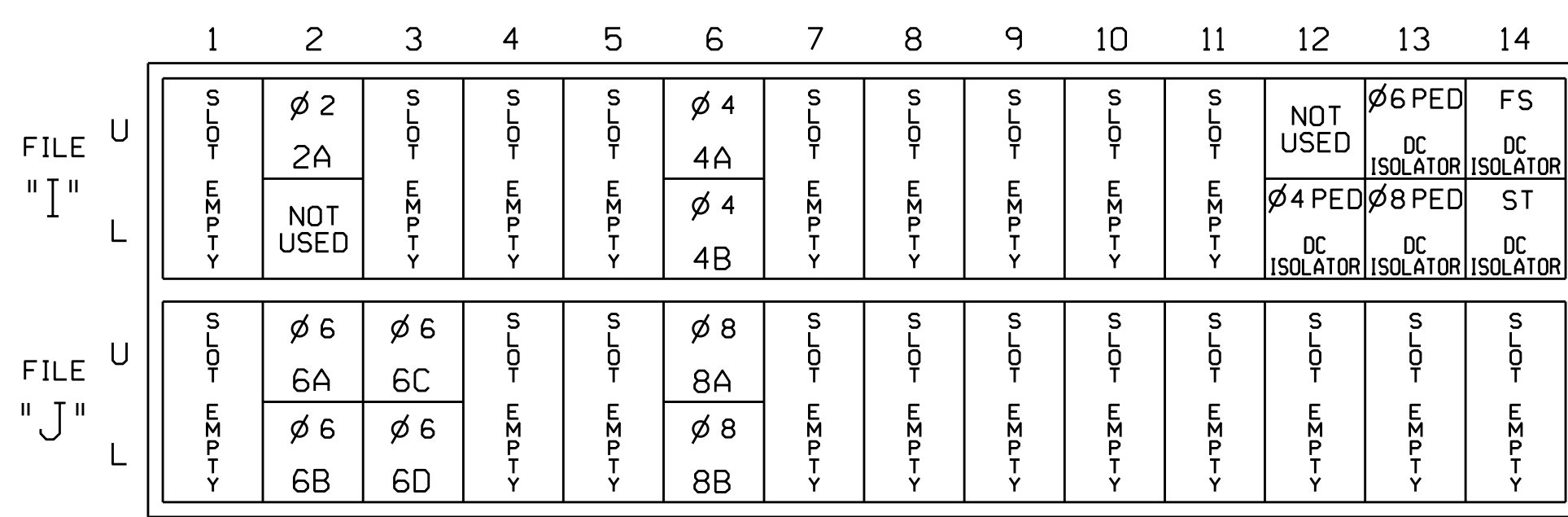
SIGNAL HEAD HOOK-UP CHART

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	21,22	23,24	NU	NU	41,42	43,44	P41, P42	NU	61,62, 63,64	65,66	P61, P62	NC	81,82	83,84	P81, P82
RED		128	128		101	101			134	134						107
YELLOW		129			102				135							
GREEN		130														
RED ARROW																107
YELLOW ARROW			129			102			135			108	108			
GREEN ARROW			130			103	103		136	136		109	109			
Hand icon								104				119				110
Walking person icon								106				121				112

NU = Not Used
 NC = Not Connected

INPUT FILE POSITION LAYOUT

(front view)



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

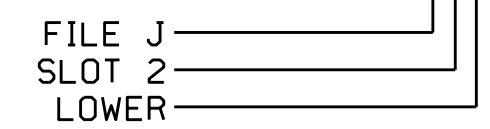
FS = FLASH SENSE
 ST = STOP TIME

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
2A	TB2-5,6	I2U	39	2	2	YES				S
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 112 AND 113.

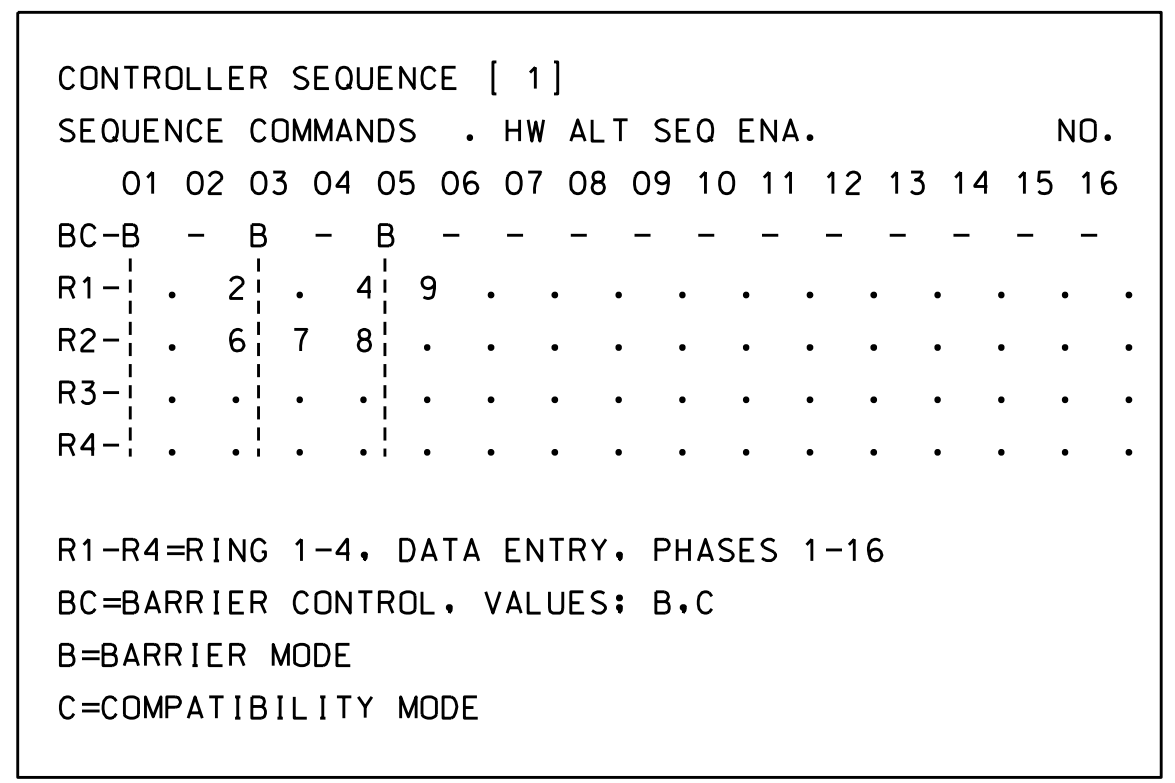
INPUT FILE POSITION LEGEND: J2L



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)

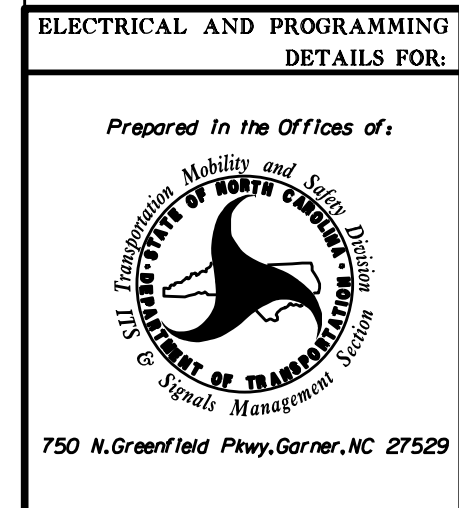
- From Main Menu select **1. CONFIGURATION**
- From CONFIGURATION Submenu select **2. PHASE IN USE/PED**

PHASES IN USE / EXCLUSIVE PED	PHASE 1	2	3	4	5	6	7	8
IN USE.....		X		X		X	X	X
EXCLUSIVE PED								

PHASES IN USE / EXCLUSIVE PED	PHASE 9	10	11	12	13	14	15	16
IN USE.....	X							
EXCLUSIVE PED								

END PROGRAMMING

Electrical Detail - Final Design - Sheet 1 of 2



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

Division 7 Guilford County Greensboro

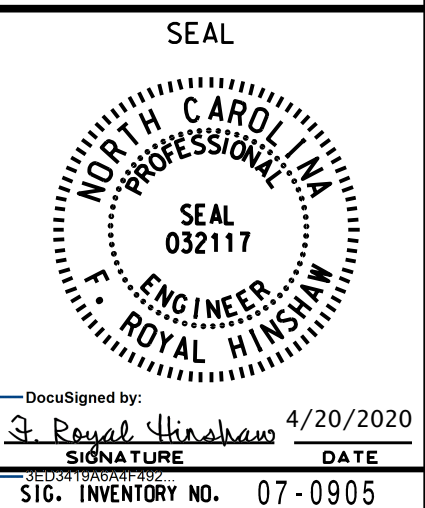
PLAN DATE: April 2020 REVIEWED BY: R. Hinshaw

PREPARED BY: T.S. Warren REVIEWED BY:

REVISIONS	INIT.	DATE

DocuSigned by:
 Royal Hinshaw
 4/20/2020

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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



Project #: 180914

750 N. Greenfield Pkwy, Garner, NC 27529