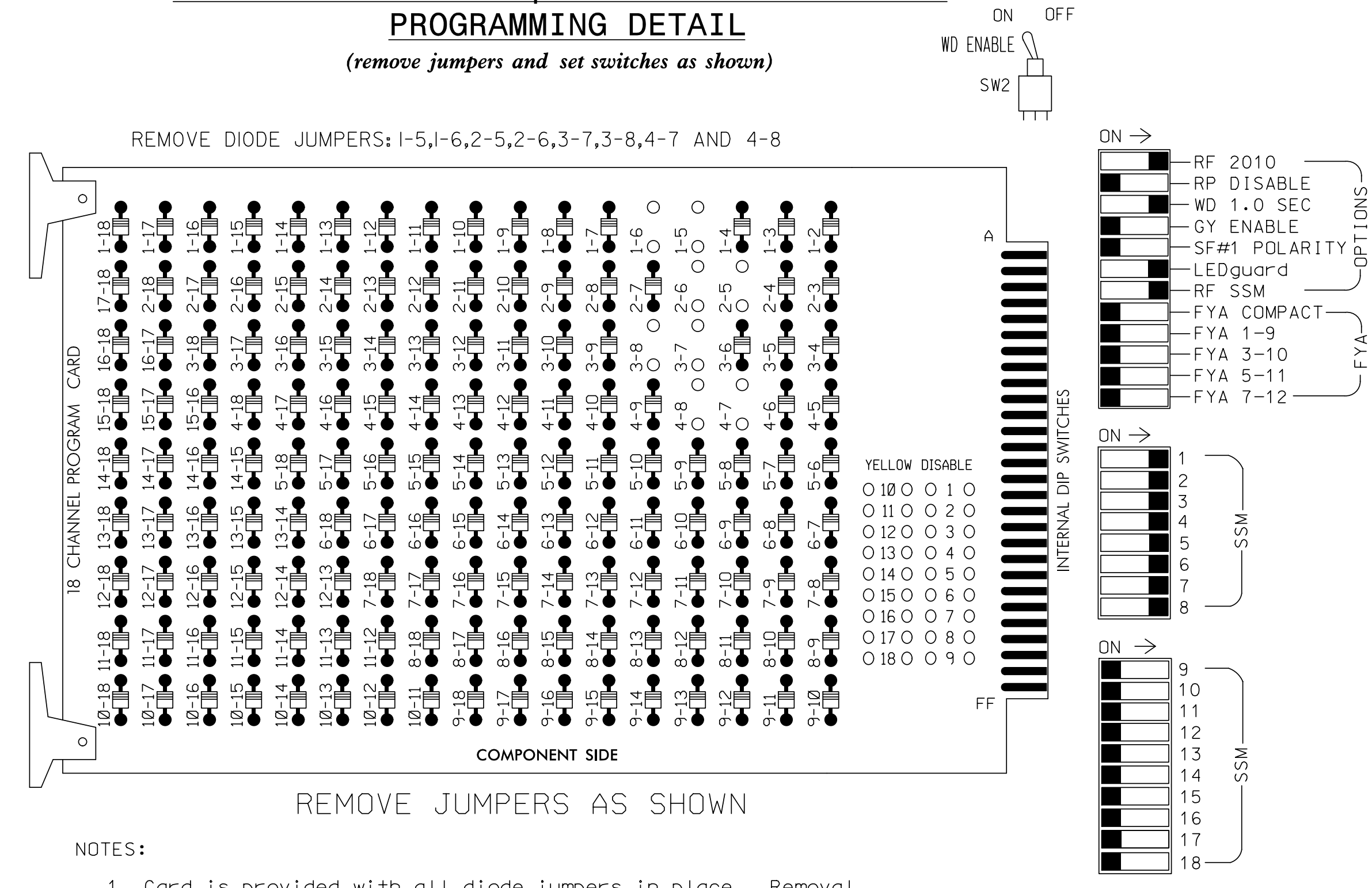


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



NOTES:

1. Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
2. Ensure jumpers SEL2-SEL5 and SEL9 are present on the monitor board.
3. Ensure that Red Enable is active at all times during normal operation.
4. Integrate monitor with Ethernet network in cabinet.

NOTES

1. 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.
2. Enable Simultaneous Gap-Out for all phases.
3. Program phases 2 and 6 for volume density operation.
4. Program controller to start up in phase 2 Green and 6 Green.
5. The cabinet and controller are part of the Fayetteville Signal System.

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.	11	21,22	NU	22	31,32	41,42,43	NU	51	61,62	NU	62	71	81,82,83	NU
RED		128			101			134				107		
YELLOW		129			102			135				108		
GREEN		130			103			136				109		
RED ARROW	125				116			131				122		
YELLOW ARROW	126			117	117			132			123	123		
GREEN ARROW	127			118	118			133			124	124		

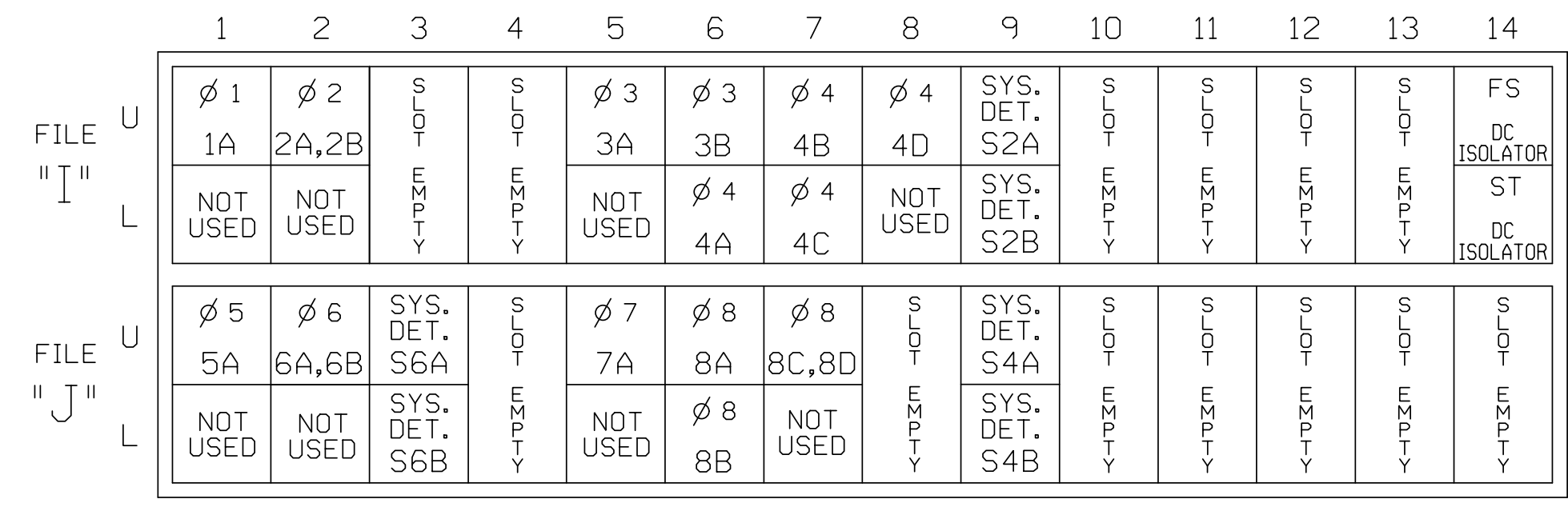
NU = Not Used

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 CABINET.....332
 SOFTWARE.....ECONOLITE ASC/3-2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S2,S4,S5,S7,S8,S10,S11
 PHASES USED.....1,2,3,4,5,6,7,8
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

(front view)



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

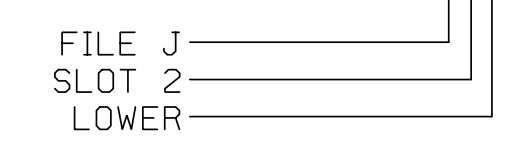
FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	DETECTOR TYPE
1A	TB2-1,2	I1U	56	1	1	YES			S
2A,2B	TB2-5,6	I2U	39	2	2	YES			S
3A	TB4-5,6	I5U	58	3	3	YES			S
3B	TB4-9,10	I6U	41	4	3	YES			S
4A	TB4-11,12	I6L	45	14	4	NO	3.0		N
4B	TB6-1,2	I7U	65	34	4	NO	3.0		N
4C	TB6-3,4	I7L	78	44	4	YES			S
4D	TB6-5,6	I8U	49	24	4	YES			S
5A	TB3-1,2	J1U	55	5	5	YES			S
6A,6B	TB3-5,6	J2U	40	6	6	YES			S
7A	TB5-5,6	J5U	57	7	7	YES			S
8A	TB5-9,10	J6U	42	8	8	NO	3.0		N
8B	TB5-11,12	J6L	46	18	8	NO	3.0		N
8C,8D	TB7-1,2	J7U	66	38	8	YES			S
*S2A	TB6-9,10	I9U	60	11	SYS	NO			N
*S2B	TB6-11,12	I9L	62	13	SYS	NO			N
*S4A	TB7-9,10	J9U	59	15	SYS	NO			N
*S4B	TB7-11,12	J9L	61	17	SYS	NO			N
*S6A	TB3-9,10	J3U	64	36	SYS	NO			N
*S6B	TB3-11,12	J3L	77	46	SYS	NO			N

* System detector only. Remove any assigned vehicle phase.

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0230
 DESIGNED: June 2016
 SEALED: 6/22/2016
 REVISED:

Electrical Detail

ELECTRICAL AND PROGRAMMING DETAILS FOR:



PLANS PREPARED IN THE OFFICE OF:
KimleyHorn
 NC License #F-0102
 421 Fayetteville Street, Suite 600
 Raleigh, NC 27601
 (919) 677-2000

NC 59 (Hope Mills Road) at SR 1141 (Cumberland Road)

Division 6	Cumberland County	Hope Mills
PLAN DATE: July 2016	REVIEWED BY: SL Phillips	
PREPARED BY: SP Pennington	REVIEWED BY: KB Baumann	
REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 032607
 STACEY L. PHILLIPS
 9/19/2016
 DATE
 SIG. INVENTORY NO. 06-0230

9/19/2016 K:\MAIL_TPT\OK-SIGNALS\4011036345_Foyeh\ev\11le_Electr\Coils\654 - Signal_Design\4th_Submit\14511_060230-2016e.dgn Susan_Pennington