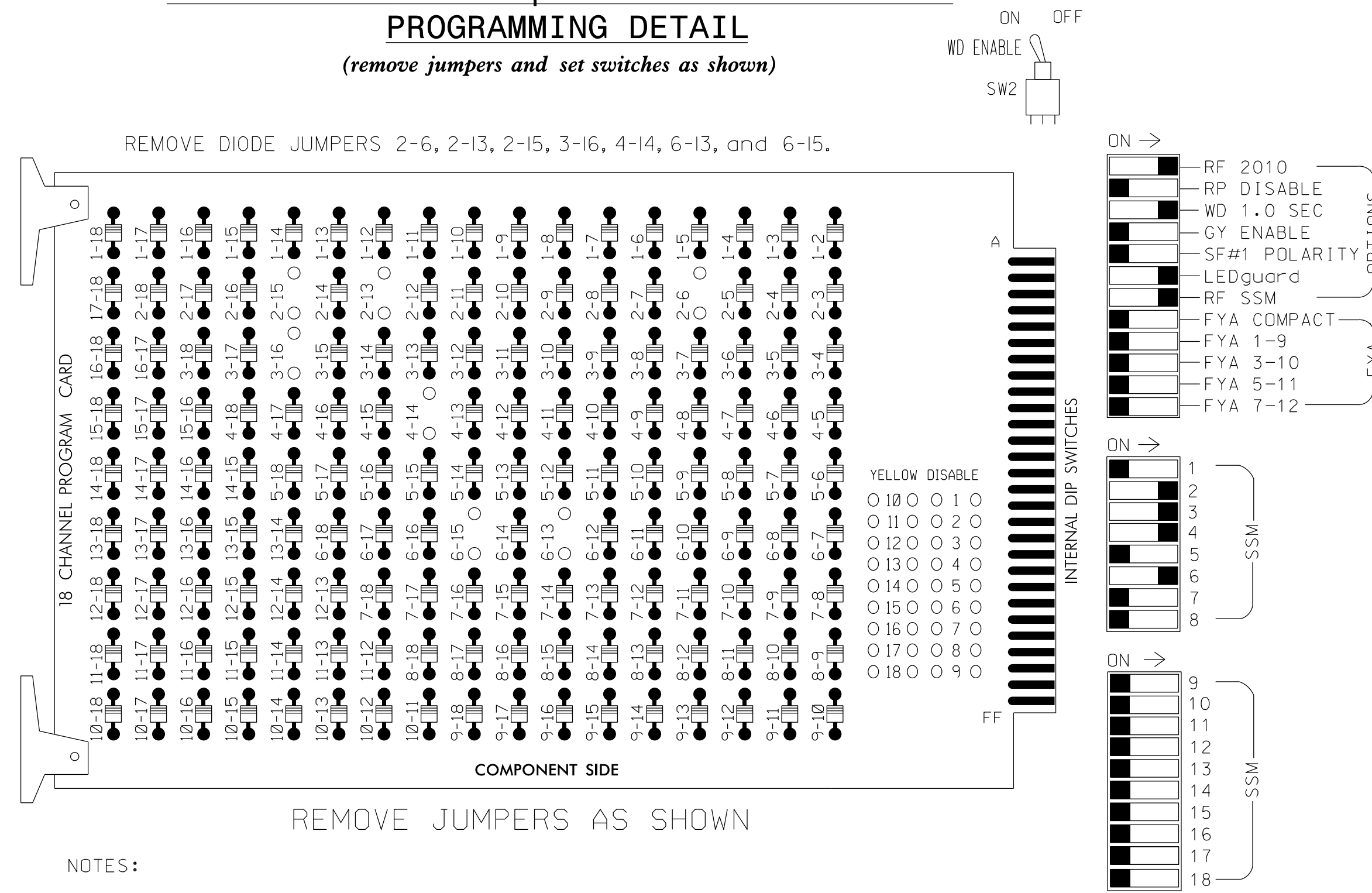


**EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL**

(remove jumpers and set switches as shown)



**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 controller to start up in phase 2 Green and 6 Green.
- Program phases 2, 3, and 4 for 'Startup Ped Call'.
- The cabinet and controller are part of the Fayetteville Signal System.
- Program phases 2 and 6 for Yellow Flash.

**EQUIPMENT INFORMATION**

CONTROLLER.....2070E  
 CABINET.....332  
 SOFTWARE.....ECONOLITE ASC/3-2070  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S2,S3,S4,S5,S6,S8,S9,S12  
 PHASES USED.....2,3,4,6,2PED,3PED,4PED  
 OVERLAPS.....NONE

**SIGNAL HEAD HOOK-UP CHART**

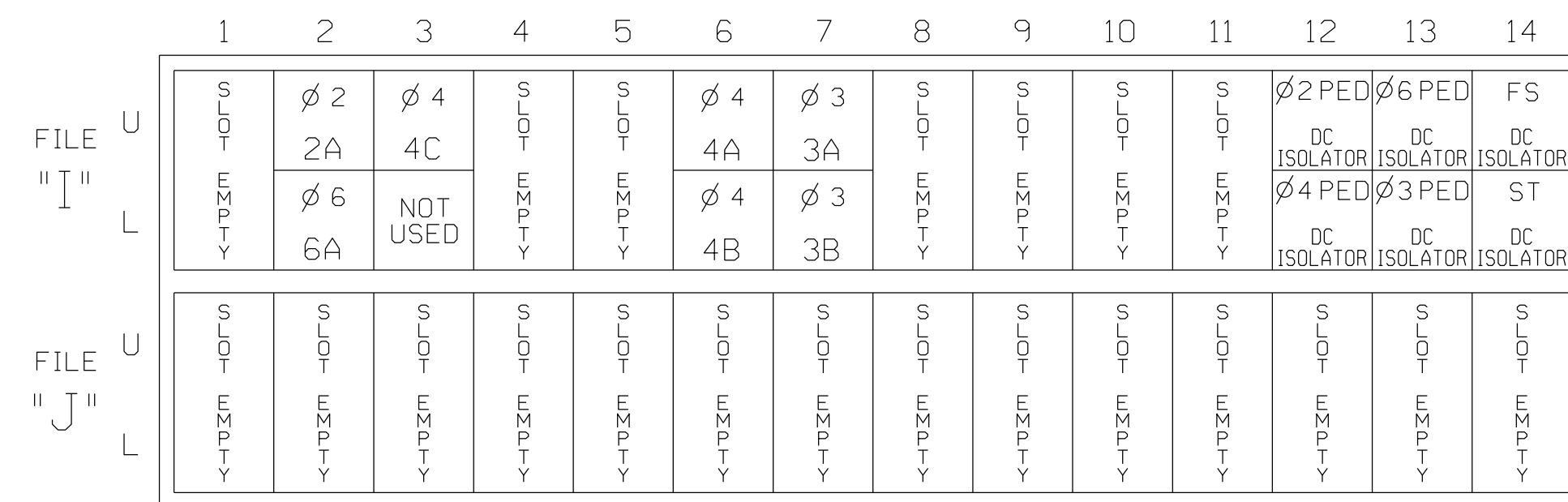
LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	3 PED	
SIGNAL HEAD NO.	NU	21,22	P21,P22 P23,P24	31	32	41	42	P41, P42	NU	61,62	NU	NU	P31, P32
RED		128		116	116	101	101			134			
YELLOW		129		117	117	102	102			135			
GREEN		130		118	118	103	103			136			
RED ARROW													
YELLOW ARROW													
GREEN ARROW				118		103							
Hand				113				104		119		110	
Person				115				106		121		112	

NU = Not Used

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

**INPUT FILE POSITION LAYOUT**

(front view)



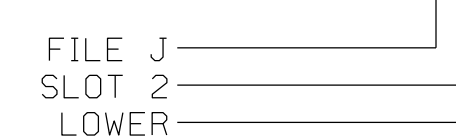
**INPUT FILE CONNECTION & PROGRAMMING CHART**

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	DETECTOR TYPE
2A	TB2-5,6	I2U	39	2	2	YES			S
6A	TB2-7,8	I2L	43	12	6	YES			S
4C	TB2-9,10	I3U	63	32	4	YES		15	S
4A	TB4-9,10	I6U	41	4	4	YES			S
4B	TB4-11,12	I6L	45	14	4	YES			S
3A	TB6-1,2	I7U	65	34	3	YES			S
3B	TB6-3,4	I7L	78	44	3	YES			S
PED PUSH BUTTONS									
P21,P22 P23,P24	TB8-4,6	I12U	67	PED 2	2 PED				
P41,P42	TB8-5,6	I12L	69	PED 4	4 PED				
P31,P32	TB8-8,9	I13L	70	PED 3	3 PED				

NOTE:  
INSTALL DC ISOLATORS IN INPUT FILE SLOTS 112 AND 113.

\* System detector only. Remove any assigned vehicle phase.

INPUT FILE POSITION LEGEND: J2L



**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.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: C018  
 DESIGNED: NOVEMBER 2016  
 SEALED: 11/18/16  
 REVISED:

Electrical Detail



Prepared In the Offices of:

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HATCH MOTT MACDONALD & E, LLC  
LICENSE NO. F4669

Person Street at Bow Street/ Ottis F Jones Parkway		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER RICHARD T. PATE	
DIV 06	CUMBERLAND COUNTY	FAYETTEVILLE	
PLAN DATE: NOVEMBER 2016	REVIEWED BY: RWT		
PREPARED BY: RTP	REVIEWED BY:		
REVISIONS	INIT.	DATE	

DocuSigner by  
 Richard T Pate  
 11/21/2016

DATE

SIG. INVENTORY NO. C018

default \\NCF-DATA\Project\360655\_U-5742\_Faj-Sig\Project\SIGNALS\Design\100%FINAL SEALED PLANS\Revised 11/20/16\Person @ Bow-Ottis Jones.dgn 11/18/2016 9:35:57 AM