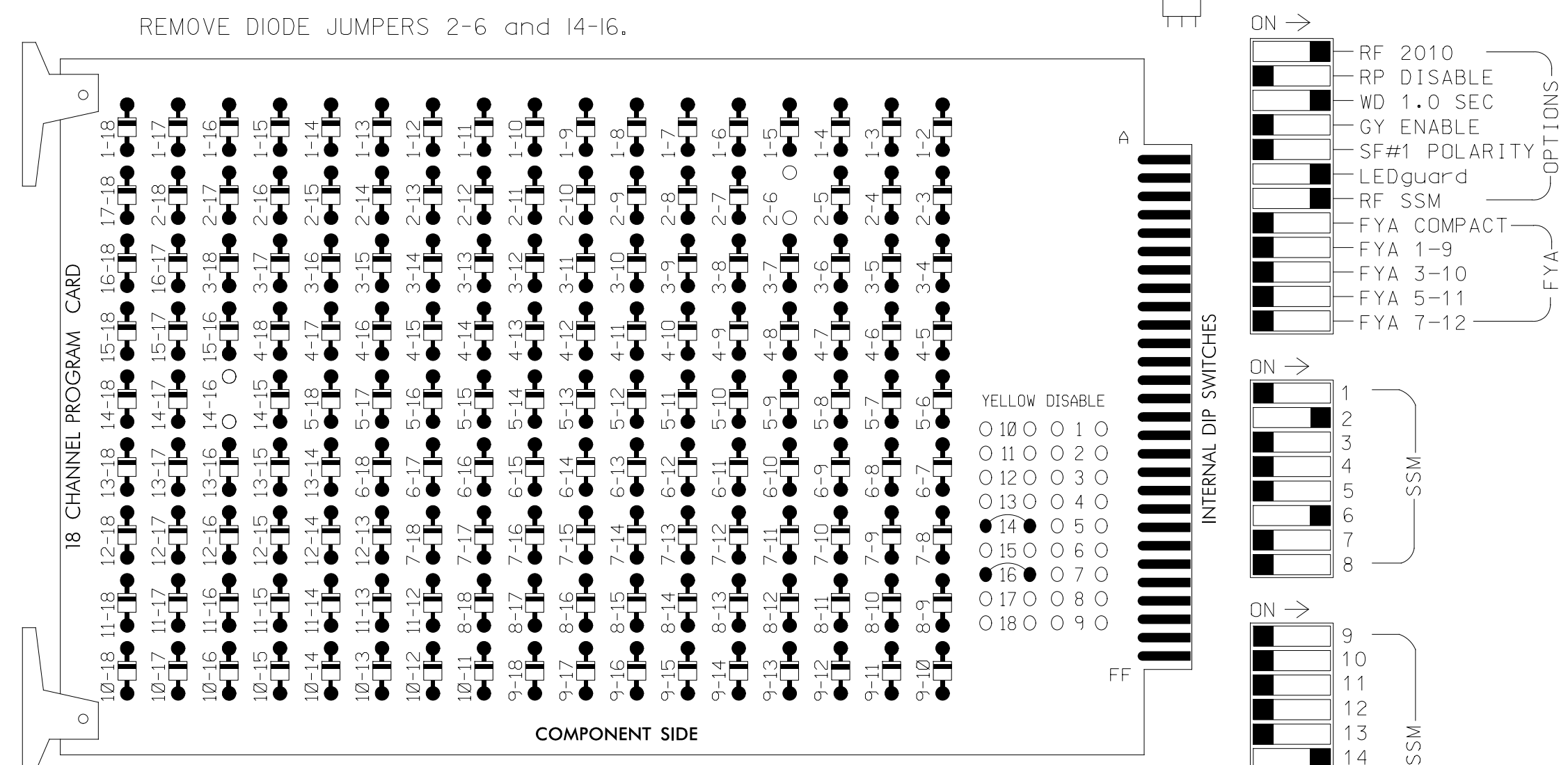


EDI MODEL 2018ECLip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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. Program controller to start up in phases 2 Walk and 6 Walk.
3. Enable simultaneous gap-out for all phases.
4. Program phases 2 and 6 for Rest In Walk.
5. Program phases 2 and 6 for Ped Recall.
6. Program phases 4 and 8 for PED CLR>RED.
7. The cabinet and controller are part of the D05-48_Fuquay-Varina System.

EQUIPMENT INFORMATION

CONTROLLER.....2070LX
 CABINET.....332
 SOFTWARE.....ECONOLITE ASC/3-2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S6,S8,S12
 PHASES USED.....4*,4PED,6,6PED*,8*,8PED
 OVERLAPS.....NONE

* For timing purposes only

SIGNAL HEAD HOOK-UP CHART

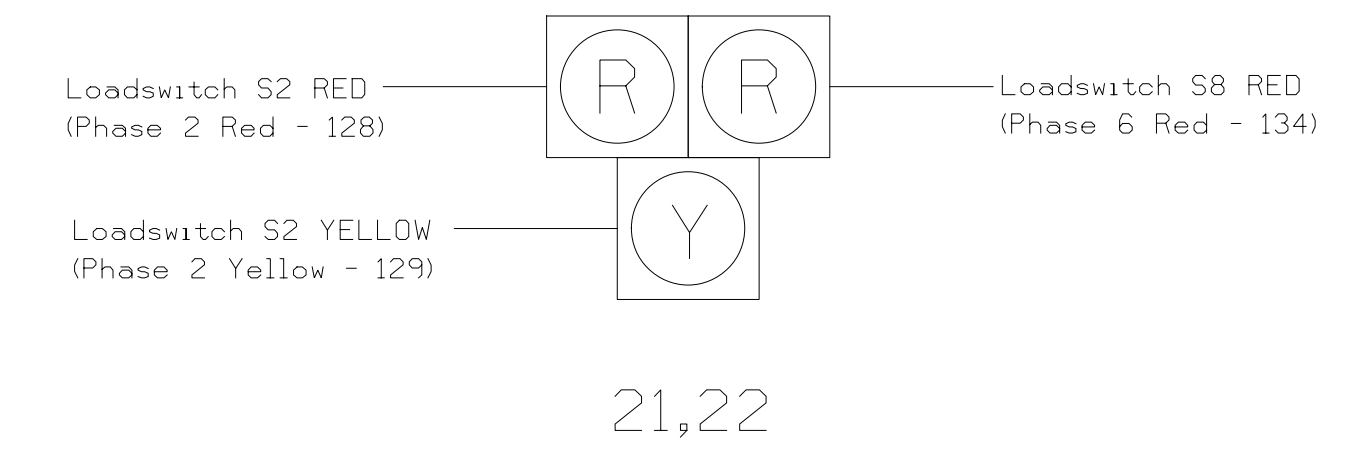
LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NU	21,22	NC	NU	NC	P41	NU	21,22	NC	NU	NC	P81
RED		128						134				
YELLOW		129						*				
GREEN		*						*				
RED ARROW												
YELLOW ARROW												
GREEN ARROW												
Hand icon							104					110
Person icon							106					112

NU = Not Used
 NC = Not Connected

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

SIGNAL HEAD WIRING DETAIL

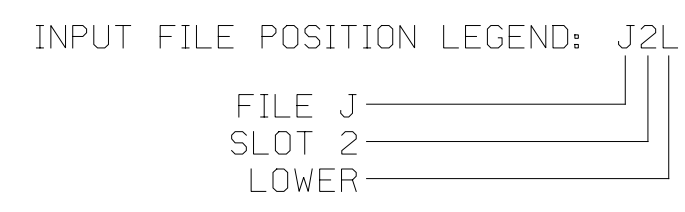
(wire signal heads as shown)



INPUT FILE CONNECTION & PROGRAMMING CHART

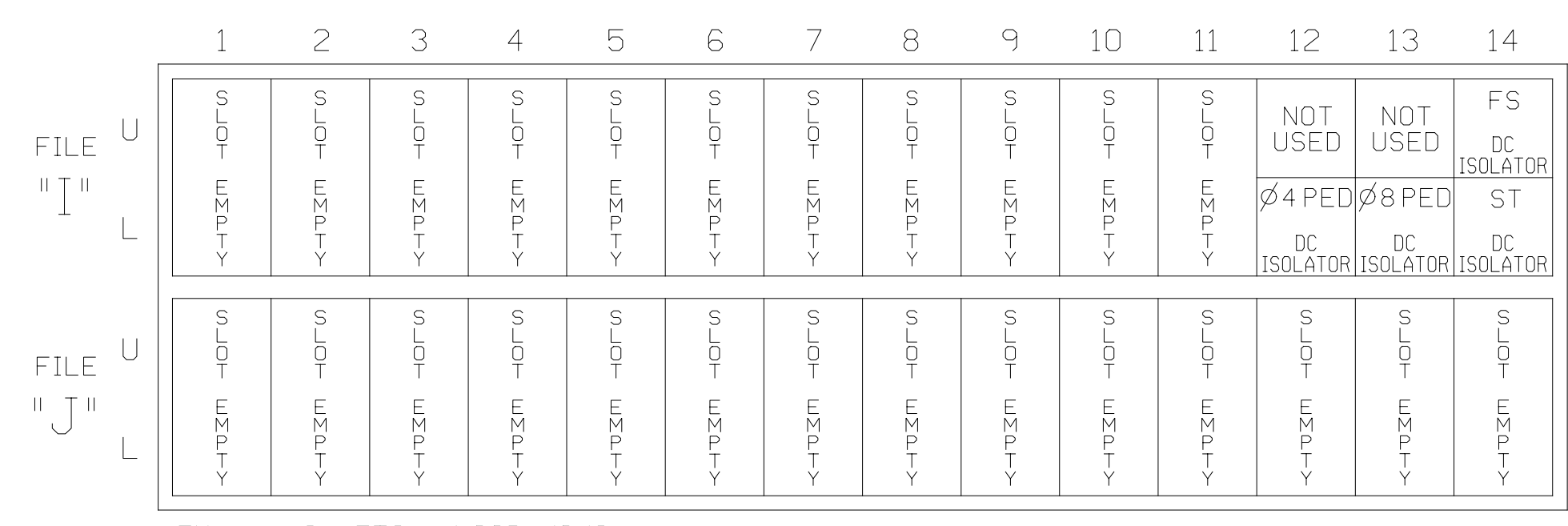
LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	ADDED INITIAL	DETECTOR TYPE
PED PUSH BUTTONS										
P41	T88-5,6	112L	69	PED 4	4/8 PED					
P81	T88-8,9	113L	70	PED 8	4/8 PED					

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



INPUT FILE POSITION LAYOUT

(front view)



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

FS = FLASH SENSE
 ST = STOP TIME

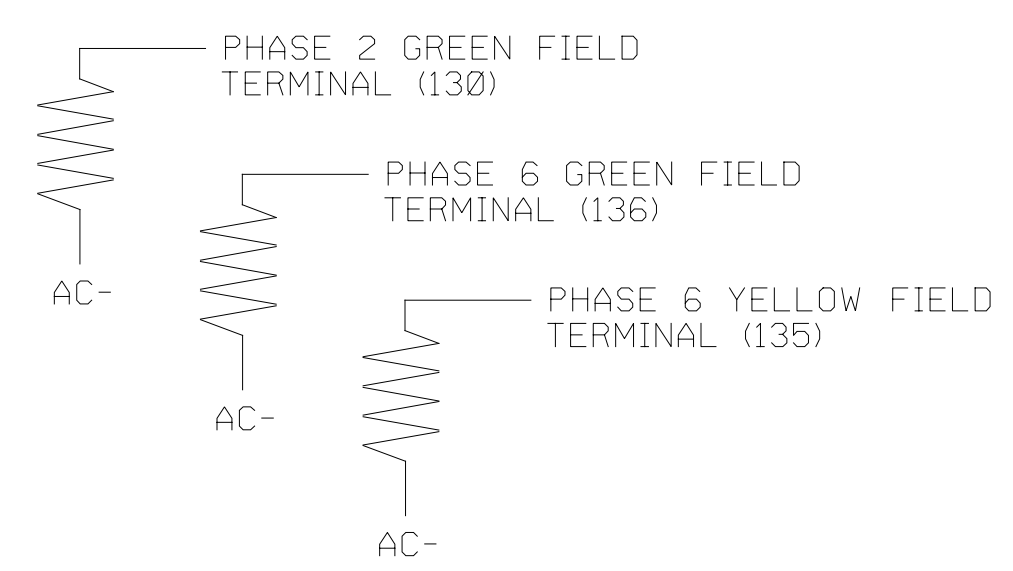
⊗ Wired Input - Do not populate slot with detector card

LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown)

ACCEPTABLE VALUES

VALUE (ohms)	WATTAGE
1.5K - 1.9K	25W (min)
2.0K - 3.0K	10W (min)



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 05-1628
 DESIGNED: July 2022
 SEALED: 07/11/2022
 REVISED: N/A

Electrical Detail - Sheet 1 of 3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared for the Offices of: 	Ped Hybrid Beacon on NC 55 EB at NC 55 Business		SEAL
	Division 5 Wake County Fuquay-Varina PLAN DATE: July 2022 REVIEWED BY: J.L. Lewis PREPARED BY: M.L. Stygles REVIEWED BY: J. Ma	REVISIONS INIT. DATE	
750 N. Greenfield Pkwy, Garner, NC 27529 VHB Engineering NC, P.C. (C-3705) 940 Main Campus Drive, Suite 500 Raleigh, NC 27606 919.829.0328			DocuSigned by: 3/4/2022 10:47:43 AM DATE: 7/11/2022 SIG. INVENTORY NO. 05-1628

7/11/2022 3:1:05 PM 1628-sig-el-2022-dgn mstygles