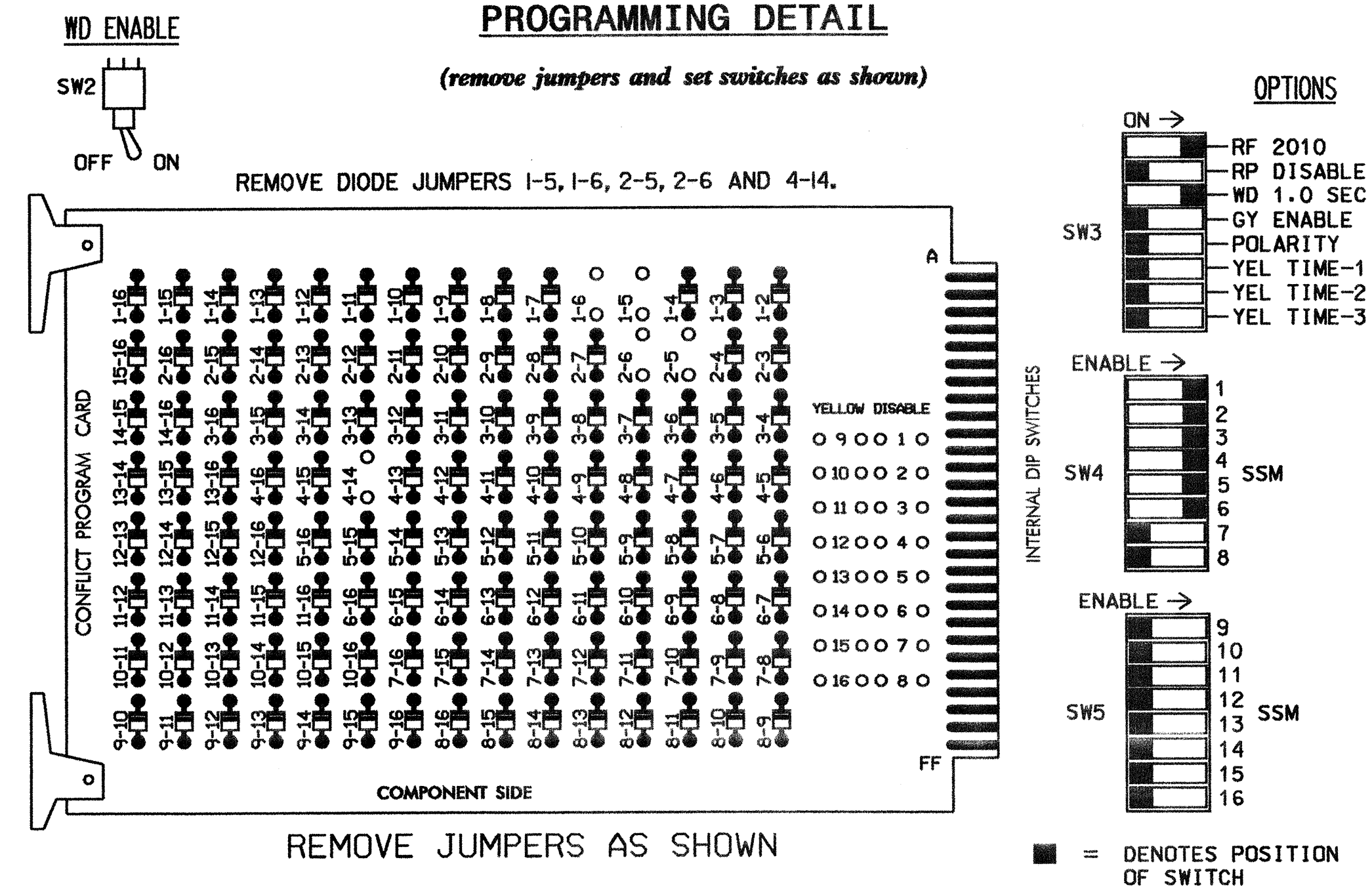


EDI MODEL 2010ECL CONFLICT MONITOR

PROGRAMMING DETAIL



- NOTES:
- CARD IS PROVIDED WITH ALL DIODE JUMPERS IN PLACE. REMOVAL OF ANY JUMPER ALLOWS ITS CHANNELS TO RUN CONCURRENTLY.
 - MAKE SURE JUMPERS SEL1-SEL5 ARE PRESENT ON THE MONITOR BOARD.

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.
- ENSURE THAT RED ENABLE IS ACTIVE AT ALL TIMES DURING NORMAL OPERATION. TO PREVENT RED FAILURES ON UNUSED MONITOR CHANNELS, TIE UNUSED RED MONITOR INPUTS 7,8, 9,10,11,12,13,14,15 & 16 TO LOAD SWITCH AC+ PER THE CABINET MANUFACTURER'S INSTRUCTIONS.
- PROGRAM CONTROLLER TO START UP IN PHASES 2 AND 6 GREEN.
- ENABLE SIMULTANEOUS GAP-OUT FEATURE, ON CONTROLLER UNIT, FOR ALL PHASES.
- PROGRAM PHASES 2 AND 6, ON CONTROLLER UNIT, FOR VARIABLE INITIAL AND GAP REDUCTION.
- PROGRAM PHASE 4 FOR 'STARTUP PED CALL'.
- THE CABINET AND CONTROLLER ARE PART OF THE GASTONIA CITY SYSTEM.

EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070L CABINETCONTRACTOR SUPPLIED 332 SOFTWAREECONOLITE OASIS CABINET MOUNT.....BASE OUTPUT FILE POSITIONS...12 LOAD SWITCHES USED.....S1,S2,S3,S4,S4P,S5,S6 PHASES USED.....1,2,3,4,5,6,4 PED OVERLAPS.....NONE

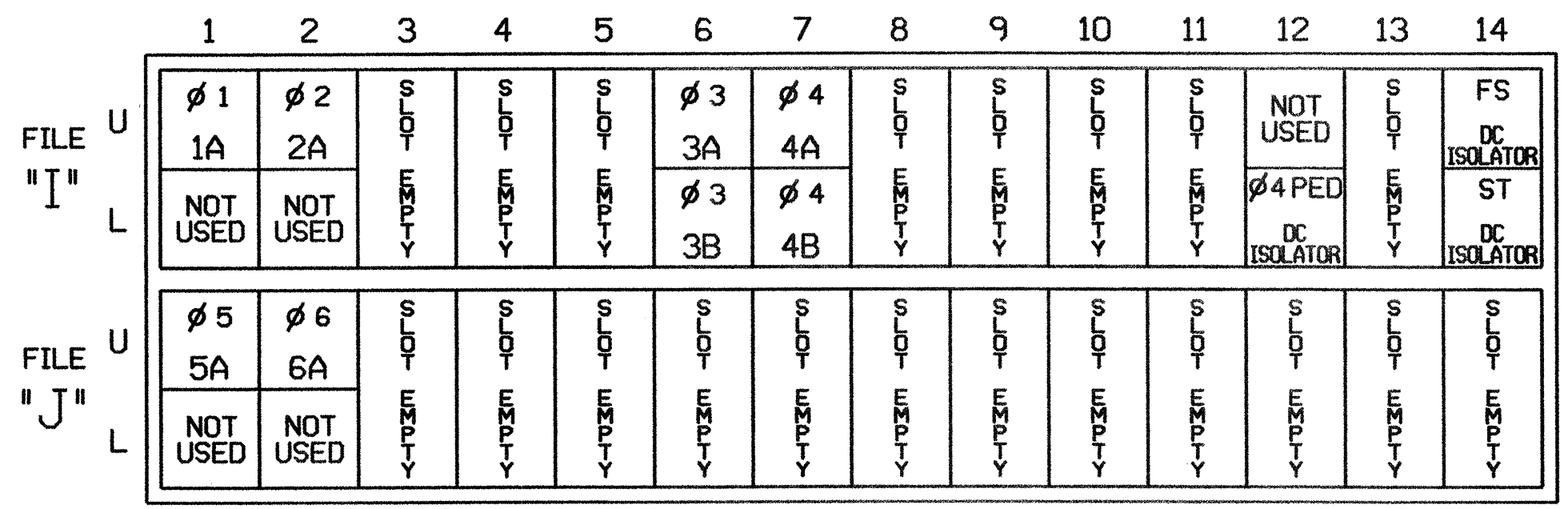
FIELD CONNECTION HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	11	21,22	NU	31	32	41	42	P41, P42	51	61,62	NU	NU
GREEN		130		118	118	103	103			136		
YELLOW		129		117	117	102	102			135		
RED		128		116	116	101	101			134		
RED ARROW	125								131			
YELLOW ARROW	126								132			
GREEN ARROW	127			118		103			133			
								106				
								104				

NU = NOT USED

INPUT FILE POSITION LAYOUT

(front view)

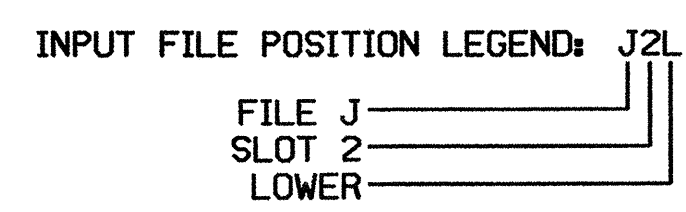


EX.: 1A, 2A, ETC. = LOOP NO.'S FS = FLASH SENSE ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
1A	TB2-1,2	I1U	56	18	1	1	Y	Y			3
2A	TB2-5,6	I2U	39	1	2	2	Y	Y			
3A	TB4-9,10	I6U	41	3	4	3	Y	Y			
3B	TB4-11,12	I6L	45	7	14	3	Y	Y			10
4A	TB6-1,2	I7U	65	27	34	4	Y	Y			
4B	TB6-3,4	I7L	78	40	44	4	Y	Y			10
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			3
6A	TB3-5,6	J2U	40	2	6	6	Y	Y			
PED PUSH BUTTONS											
P41,P42	TB8-5,6	I12L	69	31	PED 4	4 PED					

NOTE: INSTALL DC ISOLATORS IN INPUT FILE SLOT 112.



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 12-0609 DESIGNED: DECEMBER 2004 SEALED: 1/3/05 REVISED:

SIGNAL UPGRADE

ELECTRICAL AND PROGRAMMING DETAILS FOR: SR 2200 (ARMSTRONG PARK ROAD) AT GARDNER PARK DRIVE/SR 2466 (ARMSTRONG PARK DRIVE)

Prepared in the Office of:

DIVISION 12 GASTON COUNTY GASTONIA
 PLAN DATE: DECEMBER 2004 REVIEWED BY: *T. Nye*
 PREPARED BY: WILLIAM HAIRSTON REVIEWED BY: *W. Hairston*

REVISIONS: _____ INIT. DATE: _____

122 N. McDowell St., Raleigh, NC 27603

SIG. INVENTORY NO. 12-0609