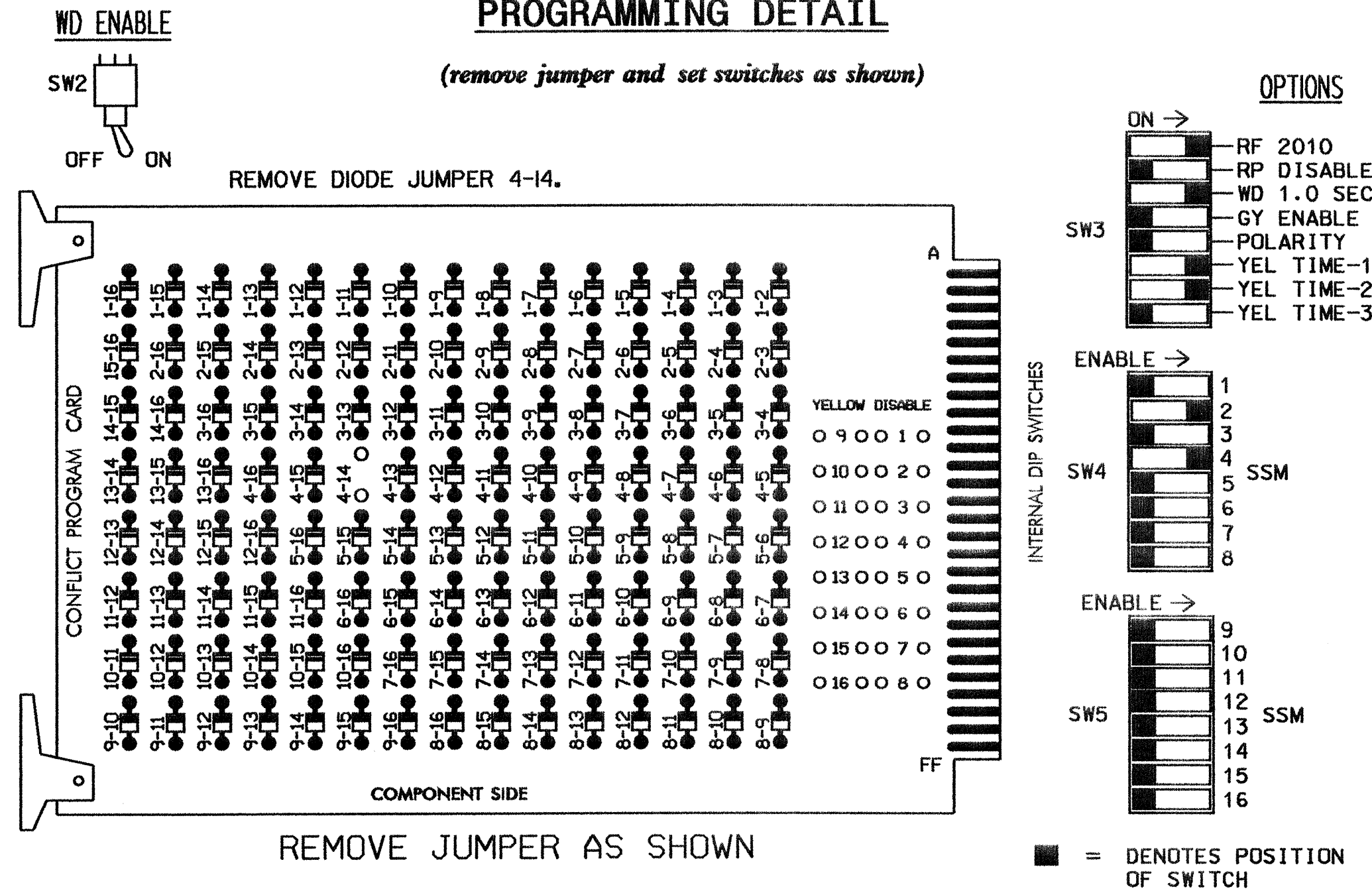


EDI MODEL 2010ECL CONFLICT MONITOR

PROGRAMMING DETAIL

(remove jumper 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. MAKE SURE JUMPERS SEL1-SEL5 ARE PRESENT ON THE MONITOR BOARD.

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. 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 1,3,5, 6,7,8,9,10,11,12,13,14,15 & 16 TO LOAD SWITCH AC+ PER THE CABINETS MANUFACTURER'S INSTRUCTIONS.
3. PROGRAM CONTROLLER TO START UP IN PHASE 2 GREEN.
4. ENABLE SIMULTANEOUS GAP-OUT FEATURE, ON CONTROLLER UNIT, FOR ALL PHASES.
5. PROGRAM PHASE 2, ON CONTROLLER UNIT, FOR VARIABLE INITIAL AND GAP REDUCTION.
6. PROGRAM PHASE 4 FOR A 'STARTUP PED CALL'.
7. THE CABINET AND CONTROLLER ARE PART OF THE CHAPEL HILL CLOSED LOOP SYSTEM.

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.	NU	21,22 23,24	NU	NU	41,42	P41, P42	NU	NU	NU	NU	NU	NU
GREEN		130			103							
YELLOW		129			102							
RED		128			101							
RED ARROW												
YELLOW ARROW												
GREEN ARROW												
						106						
						104						

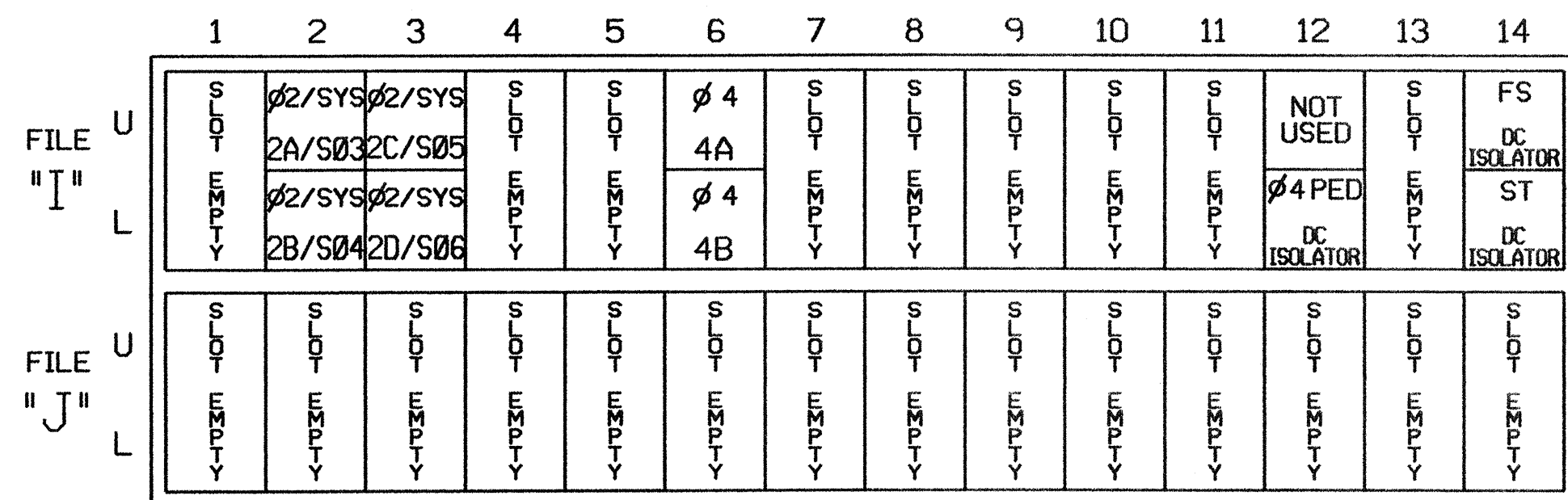
NU = NOT USED

EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070L
 CABINET.....CONTRACTOR SUPPLIED 332
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S4,S4P
 PHASES USED.....2,4,4 PED
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

(front view)



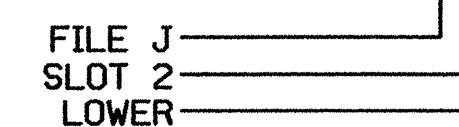
EX. : 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
2A/S03	TB2-5,6	I2U	39	1	2	2/SYS	Y	Y			
2B/S05	TB2-7,8	I2L	43	5	12	2/SYS	Y	Y			
2C/S06	TB2-9,10	I3U	63	25	32	2/SYS	Y	Y			
2D/S07	TB2-11,12	I3L	76	38	42	2/SYS	Y	Y			
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			10
4B	TB4-11,12	I6L	45	7	14	4	Y	Y			15
PED PUSH BUTTONS											
P41,P42	TB8-5,6	I12L	69	31	PED 4	4 PED					

INPUT FILE POSITION LEGEND: J2L



NOTE:
 INSTALL DC ISOLATOR IN INPUT FILE SLOTS I12.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-2066
 DESIGNED: AUGUST 2004
 SEALED: 09/07/04
 REVISED:

NEW INSTALLATION

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared in the Offices of:

222 N. McDowell St., Raleigh, NC 27603

US 15-501 NORTHBOUND AT EUROPA DRIVE

DIVISION 07	ORANGE COUNTY	CHAPEL HILL
PLAN DATE: AUGUST 2004	REVIEWED BY: <i>R. H. ...</i>	
PREPARED BY: JAMES PETERSON	REVIEWED BY:	

REVISIONS	INIT.	DATE

SEAL

DATE: *9/14/04*