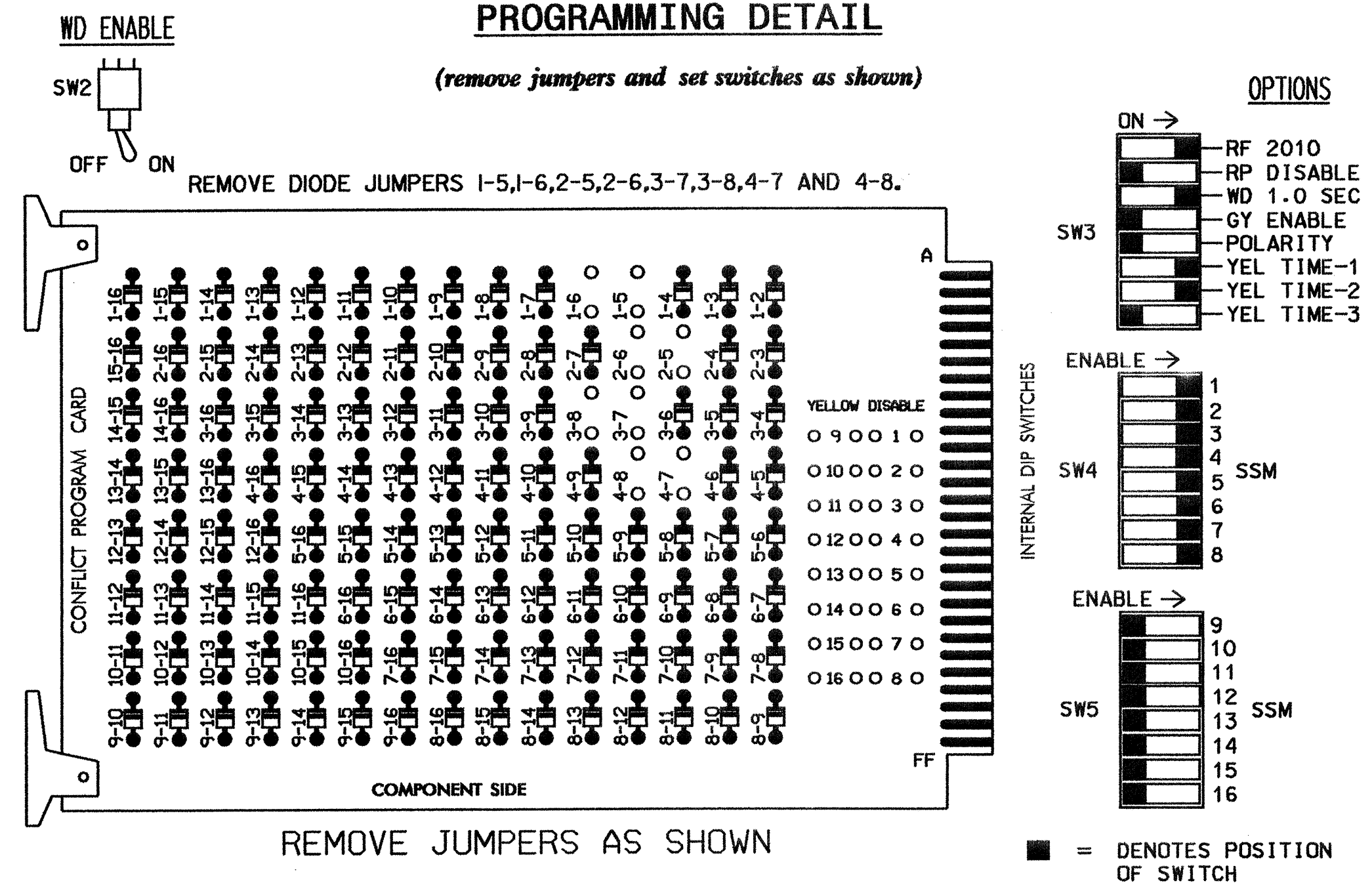


EDI MODEL 2010ECL CONFLICT MONITOR

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 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.

EQUIPMENT INFORMATION

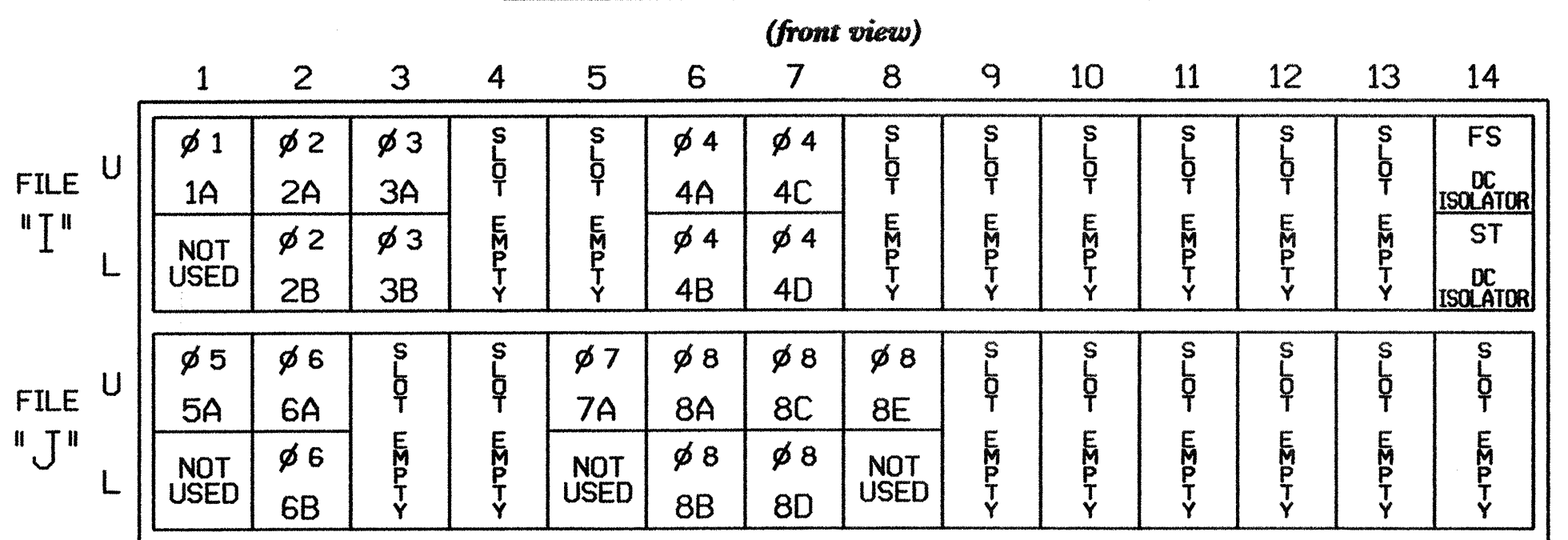
CONTROLLER.....CONTRACTOR SUPPLIED 207OL CABINET.....CONTRACTOR SUPPLIED 332 SOFTWARE.....ECONOLITE OASIS CABINET MOUNT.....BASE OUTPUT FILE POSITIONS...12 LOAD SWITCHES USED.....S1,S2,S3,S4,S5,S6,S7,S8 PHASES USED.....1,2,3,4,5,6,7,8 OVERLAPS.....NONE

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	22	31,32	41,42	NU	51	61,62	NU	62	71	81,82	NU
GREEN		130			103			136				109		
YELLOW		129			102			135				108		
RED		128			101			134				107		
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

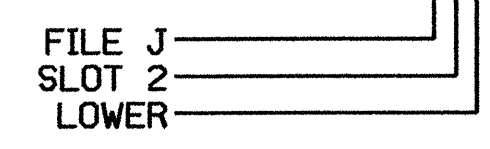
INPUT FILE POSITION LAYOUT



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			
2A	TB2-5,6	I2U	39	1	2	2	Y	Y			
2B	TB2-7,8	I2L	43	5	12	2	Y	Y			
3A	TB2-9,10	I3U	63	25	32	3	Y	Y			3
3B	TB2-11,12	I3L	76	38	42	3	Y	Y			3
4A	TB4-9,10	I6U	41	3	4	4		Y		3.0	
4B	TB4-11,12	I6L	45	7	14	4		Y		3.0	
4C	TB6-1,2	I7U	65	27	34	4	Y	Y			
4D	TB6-3,4	I7L	78	40	44	4	Y	Y			
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			
6A	TB3-5,6	J2U	40	2	6	6	Y	Y			
6B	TB3-7,8	J2L	44	6	16	6	Y	Y			
7A	TB5-5,6	J5U	57	19	7	7	Y	Y			3
8A	TB5-9,10	J6U	42	4	8	8		Y		3.0	
8B	TB5-11,12	J6L	46	8	18	8		Y		3.0	
8C	TB7-1,2	J7U	66	28	38	8	Y	Y			
8D	TB7-3,4	J7L	79	41	48	8	Y	Y			5
8E	TB7-5,6	J8U	50	12	28	8	Y	Y			15

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 14-0022
DESIGNED: JULY 2004
SEALED: 09-30-04
REVISED:

SIGNAL UPGRADE -- FINAL

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared in the Office of:

 122 N. McDowell St., Raleigh, NC 27603

US 19-64-74-129/US 19-74-129 AT SR 1326 (PEACHTREE STREET) /US 64
 DIVISION 14 CHEROKEE COUNTY MURPHY

PLAN DATE: SEPTEMBER 2004 REVIEWED BY: *R. Henderson*
 PREPARED BY: JAMES PETERSON REVIEWED BY:

REVISIONS	INIT.	DATE

SEAL

 GEORGE C. BROWN
 ENGINEER
 SIGNATURE: *George C. Brown* 10/6/04
 DATE: 10/6/04
 SIG. INVENTORY NO. 14-0022

01-OCT-2004 14:15
 U:\440022_xxx\dep
 J Petersen