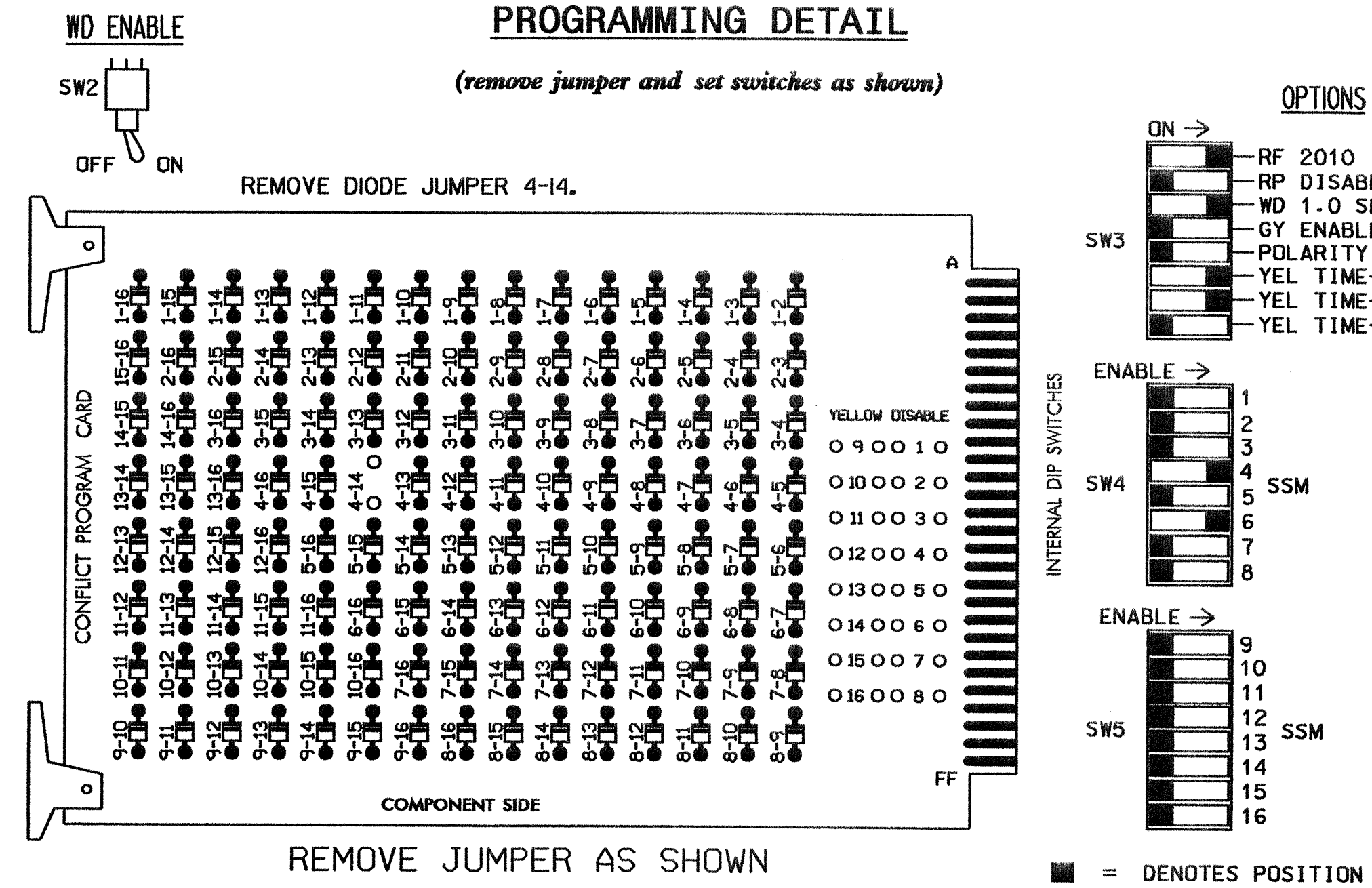


EDI MODEL 2010ECL CONFLICT MONITOR

PROGRAMMING DETAIL



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

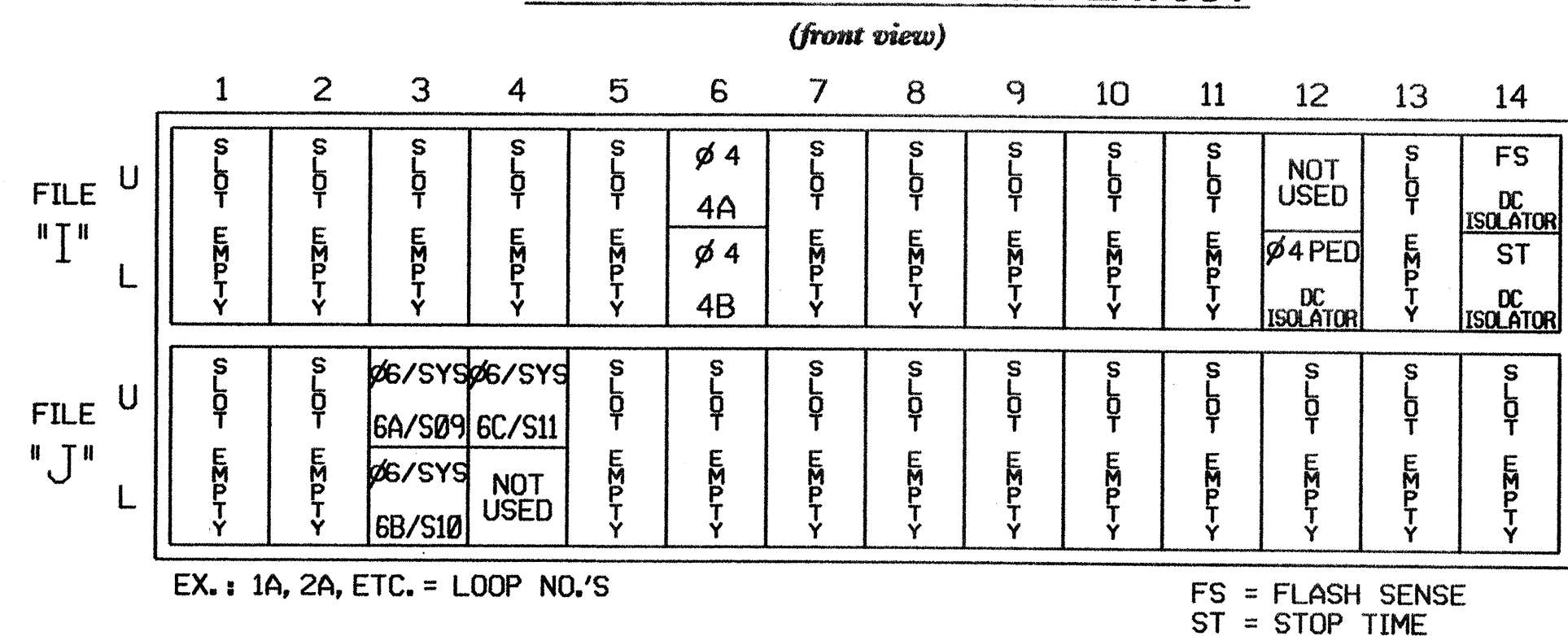
FIELD CONNECTION HOOK-UP CHART

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	NU	NU	NU	41,42	P41, P42	NU	61 62,63	NU	NU	NU	NU
GREEN					103			136				
YELLOW					102			135				
RED					101			134				
RED ARROW												
YELLOW ARROW												
GREEN ARROW												
⤴								106				
⤵								104				

EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070L
 CABINETCONTRACTOR SUPPLIED 332
 SOFTWAREECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S4,S6,S4P
 PHASES USED.....4,6,4 PED
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

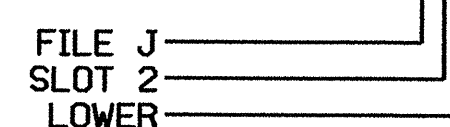


INPUT FILE CONNECTION & PROGRAMMING CHART

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
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			10
4B	TB4-11,12	I6L	45	7	14	4	Y	Y			15
6A/S09	TB3-9,10	J3U	64	26	36	6/SYS	Y	Y			
6B/S10	TB3-11,12	J3L	77	39	46	6/SYS	Y	Y			
6C/S11	TB5-1,2	J4U	48	10	26	6/SYS	Y	Y			
PED PUSH BUTTONS											
P41,P42	TB8-5,6	I12L	69	31	PED 4	4 PED					

NOTE: INSTALL DC ISOLATOR IN INPUT FILE SLOT I12.

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-0382
 DESIGNED: AUGUST 2004
 SEALED: 09/07/04
 REVISED:

FINAL INSTALLATION

Prepared in the Office of:
 PROFESSIONAL ENGINEER
 STATE OF NORTH CAROLINA
 GEORGE C. BROWN
 SEAL
 022013

US 15-501
 AT
 SR 1734 (ERWIN ROAD)
 ORANGE COUNTY CHAPEL HILL

PLAN DATE: AUGUST 2004 REVIEWED BY: R. Vaislaw
 PREPARED BY: JAMES PETERSON REVIEWED BY:

REVISIONS INIT. DATE

DATE

SIGNATURE DATE

INVENTORY NO. 07-0382