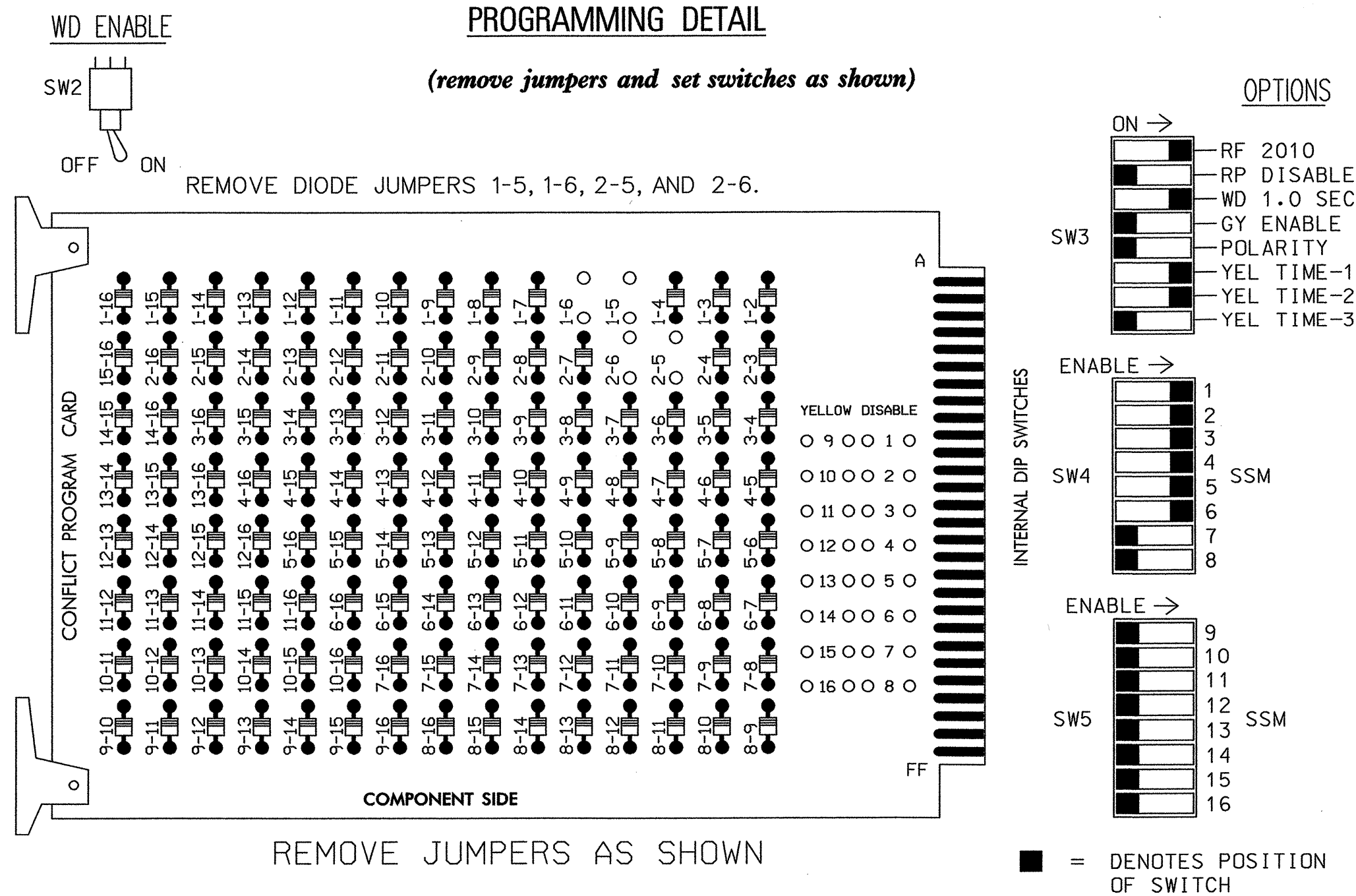


EDI MODEL 2010ECL CONFLICT MONITOR

PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



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 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.
- THE CONTROLLER AND CABINET ARE TO BE PROGRAMMED AND WIRED TO BE PART OF A CLOSED LOOP SIGNAL SYSTEM. CONTROLLER ASSET: 0895

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	32	21,22	NU	31	32	41	42	NU	42	51	61,62	NU	NU	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	126										132	132			
GREEN ARROW	127	127			118		103					133	133			
⚠																
🚫																

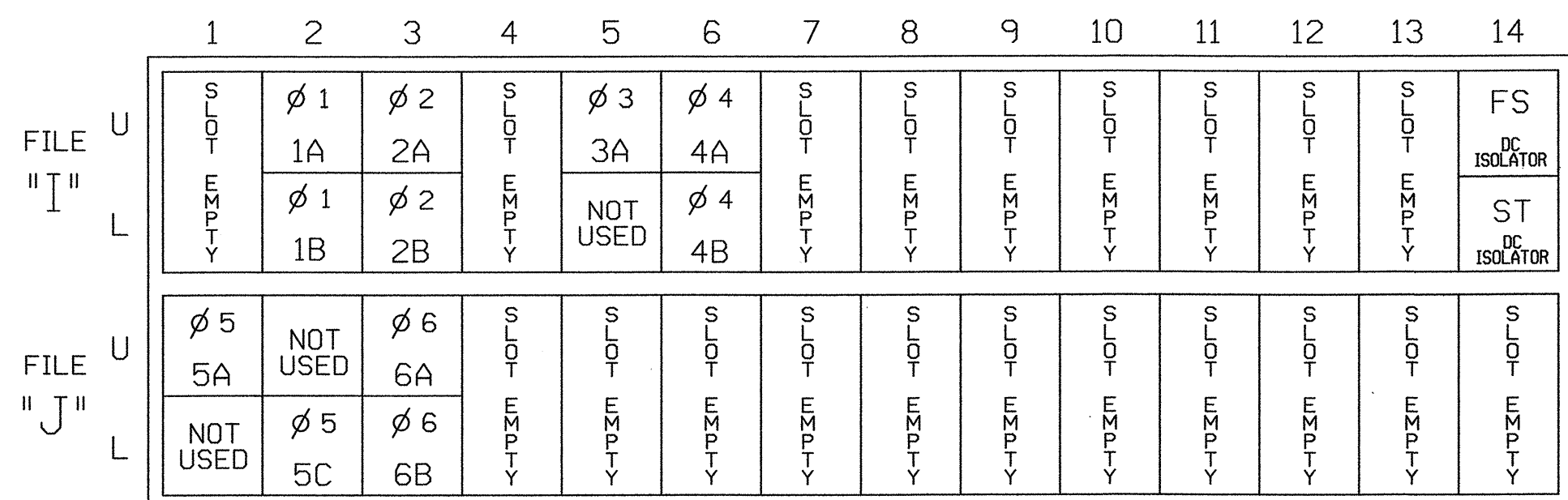
NU = NOT USED

EQUIPMENT INFORMATION

CONTROLLER.....EXISTING 2070L CONTROLLER  
 CABINET .....EXISTING 332 CONTROLLER  
 SOFTWARE .....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S1,S2,S3,S4,S5,S6  
 PHASES USED.....1,2,3,4,5,6  
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

(front view)



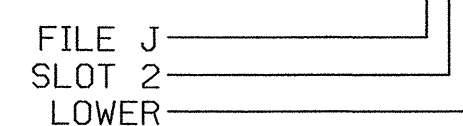
EX.: 1A, 2A, ETC. = LOOP NO.'S

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
1A	TB2-5,6	I2U	39	1	2	1	Y	Y	-	---	---
1B	TB2-7,8	I2L	43	5	12	1	Y	Y	-	---	15
2A	TB2-9,10	I3U	63	25	32	2	Y	Y	-	---	---
2B	TB2-11,12	I3L	76	38	42	2	Y	Y	-	---	---
3A	TB4-5,6	I5U	58	20	3	3	Y	Y	-	---	---
4A	TB4-9,10	I6U	41	3	4	4	Y	Y	-	---	---
4B	TB4-11,12	I6L	45	7	14	4	Y	Y	-	---	---
5A	TB3-1,2	J1U	55	17	5	5	Y	Y	-	---	---
5C	TB3-7,8	J2L	44	6	16	5	Y	Y	-	---	15
6A	TB3-9,10	J3U	64	26	36	6	Y	Y	-	---	---
6B	TB3-11,12	J3L	77	39	46	6	Y	Y	-	---	---

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0895T2  
 DESIGNED: NOVEMBER 2003  
 SEALED: 1/7/2004  
 REVISED: TBD

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SIGNAL UPGRADE TEMPORARY DESIGN 2 CONSTRUCTION PHASE II

ELECTRICAL AND PROGRAMMING DETAILS FOR: SR 1409 (MILITARY CUTOFF ROAD) AT FORUM SHOPPING CENTER AND MAYFAIR ACCESS F

Prepared for the Offices of: NORTH CAROLINA PROFESSIONAL ENGINEER JAMES O. DEATON

DIVISION 03 NEW HANOVER COUNTY WILMINGTON  
 PLAN DATE: NOVEMBER 2003 REVIEWED BY: J O DEATON  
 PREPARED BY: M W YALCH REVIEWED BY: JAMES O. DEATON

REVISIONS: INIT. DATE

SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL 07438  
 JAMES O. DEATON  
 SIGNATURE DATE 1/7/04  
 SIG. INVENTORY NO. 03-0895T2