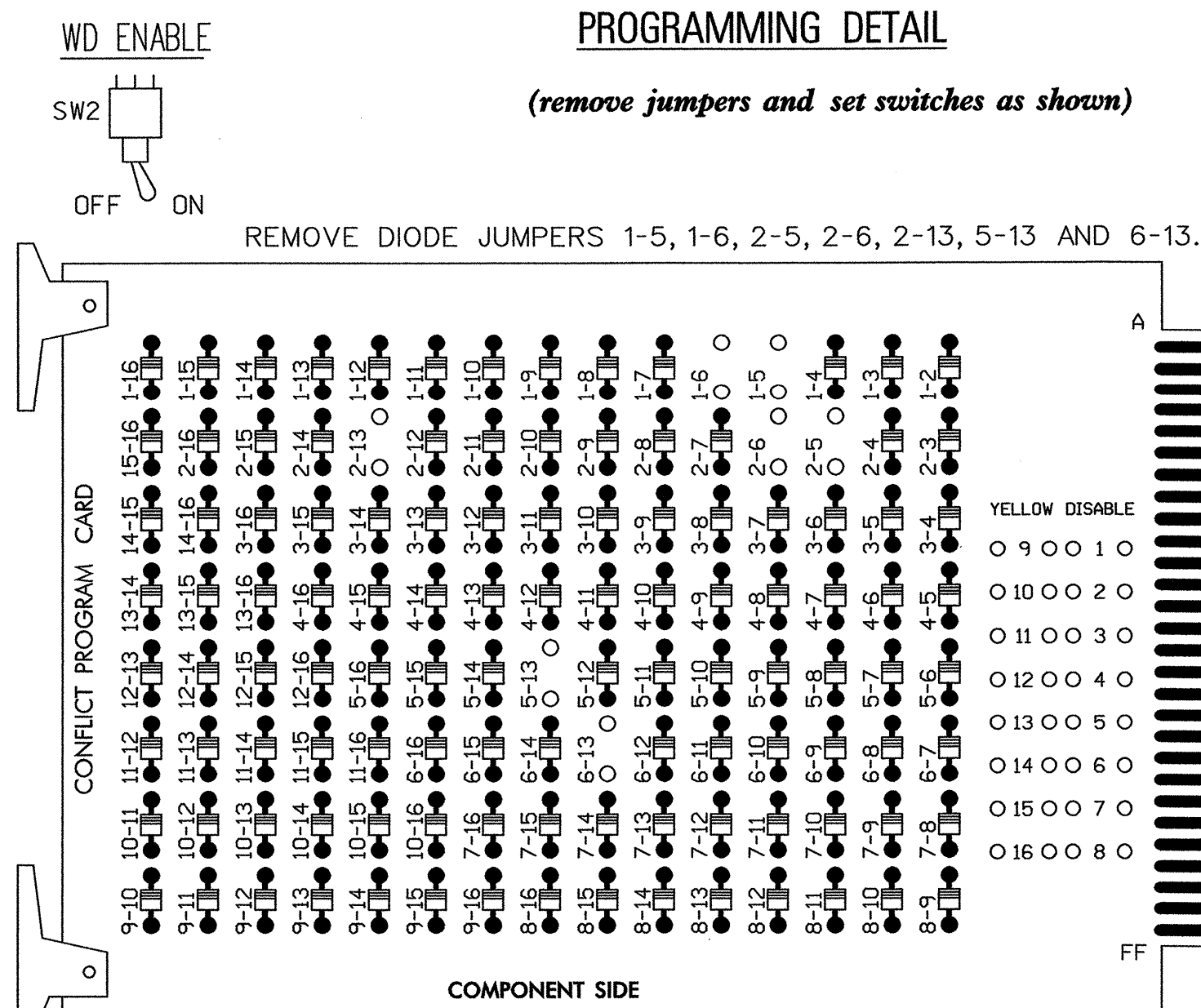


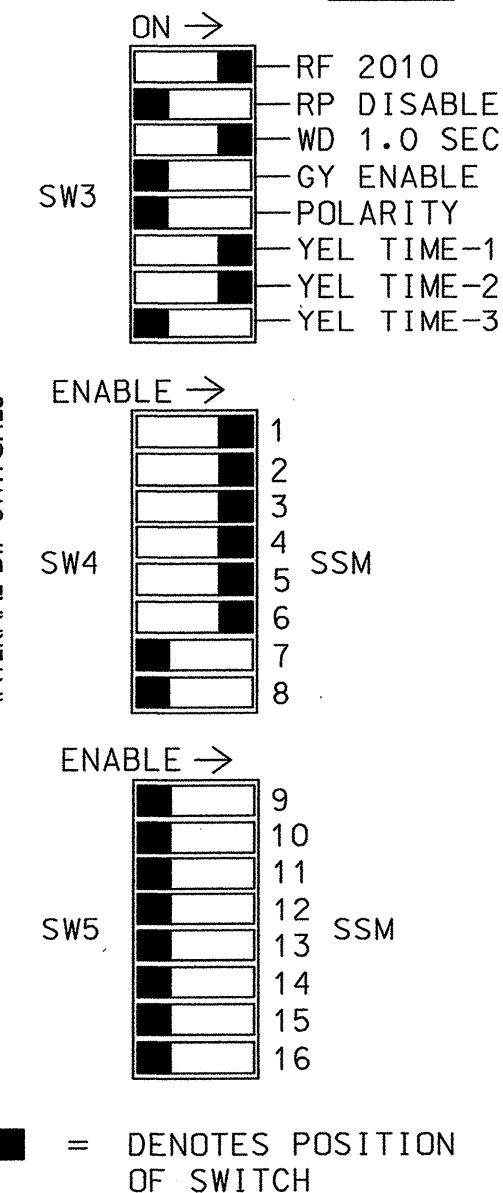
EDI MODEL 2010ECL CONFLICT MONITOR

PROGRAMMING DETAIL



(remove jumpers and set switches as shown)

OPTIONS



REMOVE JUMPERS 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: 0951
- PROGRAM PHASE 2 FOR 'START-UP PED CALLS'.

EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070L
 CABINETCONTRACTOR SUPPLIED 332
 SOFTWAREECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S2,S2P,S3,S4,S5,S6
 PHASES USED.....1,2,2PED,3,4,5,6
 OVERLAPS.....NONE

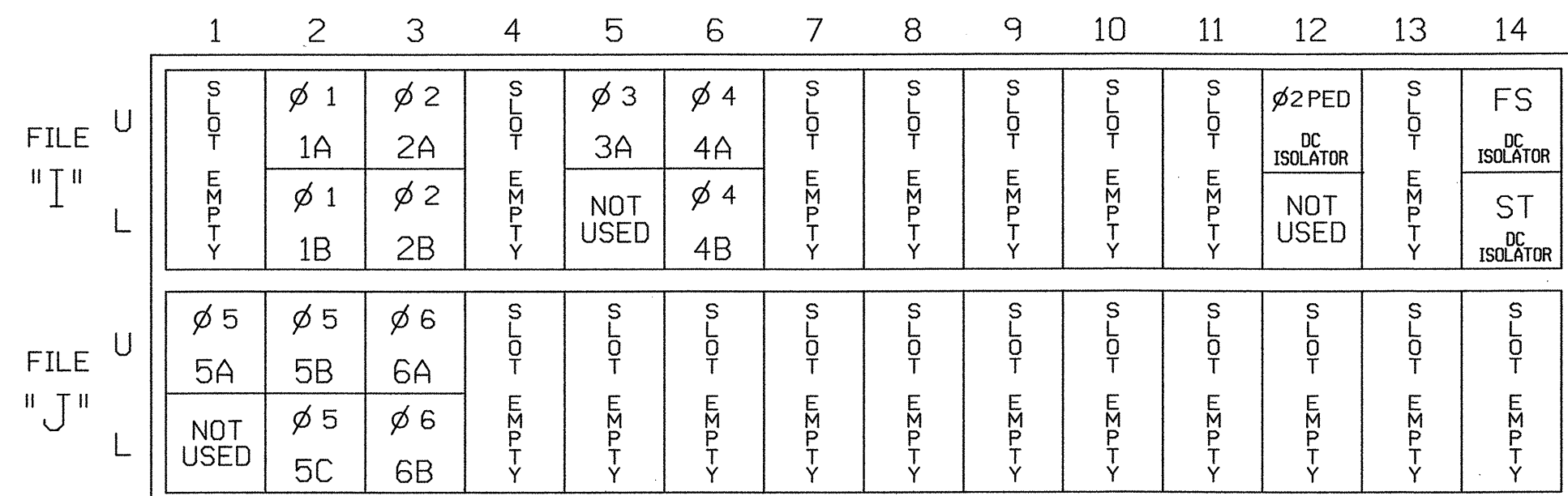
FIELD CONNECTION HOOK-UP CHART

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	32	21,22	22	31	32	41	42	62	NU	42	51,52	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			117			102		132	132							
GREEN ARROW	127	127			118	118		103		103	133	133						
PEDESTRIAN																	115	
START-UP																		113

NU = NOT USED

INPUT FILE POSITION LAYOUT

(front view)



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

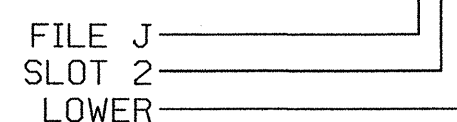
FS = FLASH SENSE
 ST = STOP TIME

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	TB2-5,6	I2U	39	1	2	1	Y	Y	-	---	---
1B	TB2-7,8	I2L	43	5	12	1	Y	Y	-	---	10
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	-	---	3
4B	TB4-11,12	I6L	45	7	14	4	Y	Y	-	---	---
5A	TB3-1,2	J1U	55	17	5	5	Y	Y	-	---	---
5B	TB3-5,6	J2U	40	2	6	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	-	---	---
PED PUSH BUTTONS											
P21,P22	TB8-4,6	I12U	67	29	PED 2	2 PED					

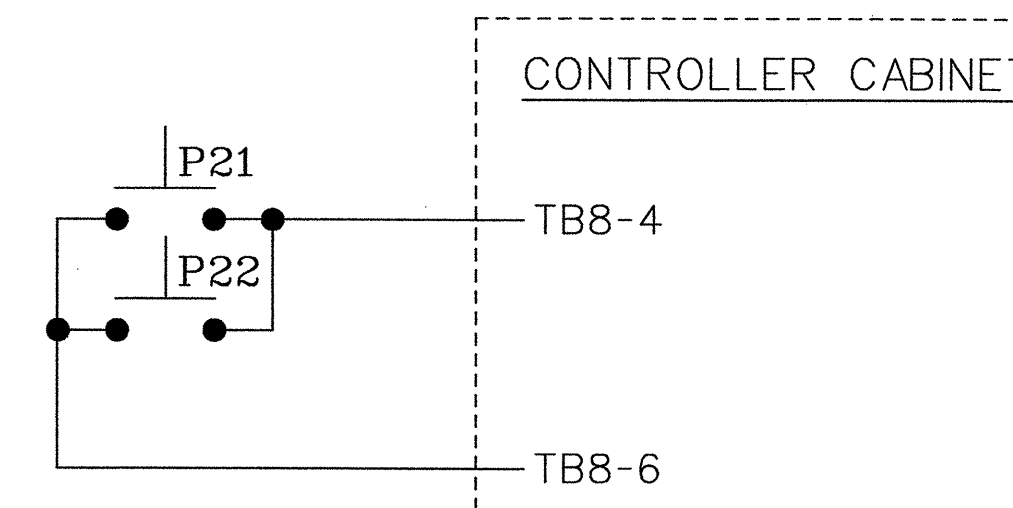
NOTE:
 INSTALL DC ISOLATORS
 IN INPUT FILE SLOT 112.

INPUT FILE POSITION LEGEND: J2L



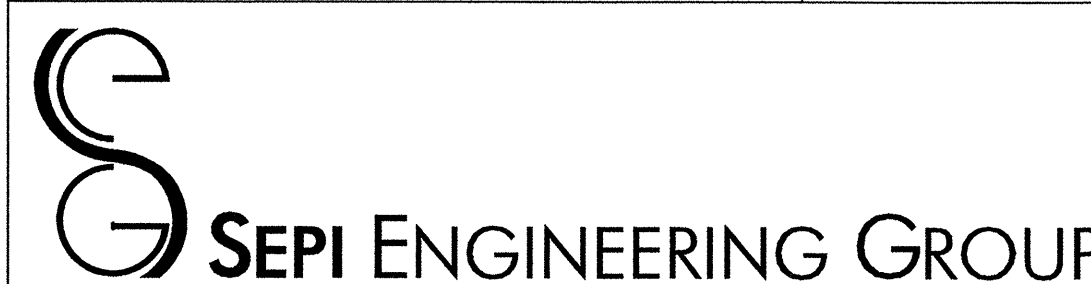
PEDESTRIAN PUSH-BUTTON WIRING DETAIL

(wire push-buttons as shown below)

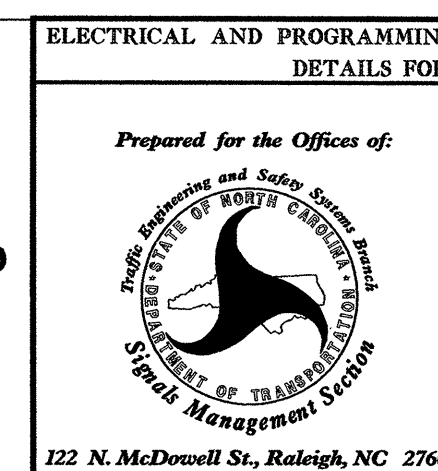


NOTE: PROGRAM PED HEADS PER MANUFACTURER'S INSTRUCTIONS TO COUNTDOWN THE PED INTERVAL CLEARANCE ONLY.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0951
 DESIGNED: SEPTEMBER 2003
 SEALED: 1/7/2004
 REVISED: TBD

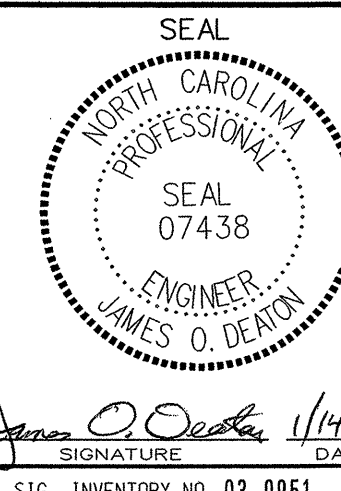


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SIGNAL UPGRADE - FINAL DESIGN

ELECTRICAL AND PROGRAMMING DETAILS FOR:		SR 1409 (MILITARY CUTOFF ROAD)	
Prepared for the Offices of:		AT	
SIR TYLER DRIVE AND		MAIN STREET (ACCESS "C")	
DIVISION 03	NEW HANOVER COUNTY	WILMINGTON	
PLAN DATE: NOVEMBER 2003	REVIEWED BY: J O DEATON		
PREPARED BY: M W YALCH	REVIEWED BY:		
REVISIONS	INIT.	DATE	
DATE		DATE	



SIG. INVENTORY NO. 03-0951