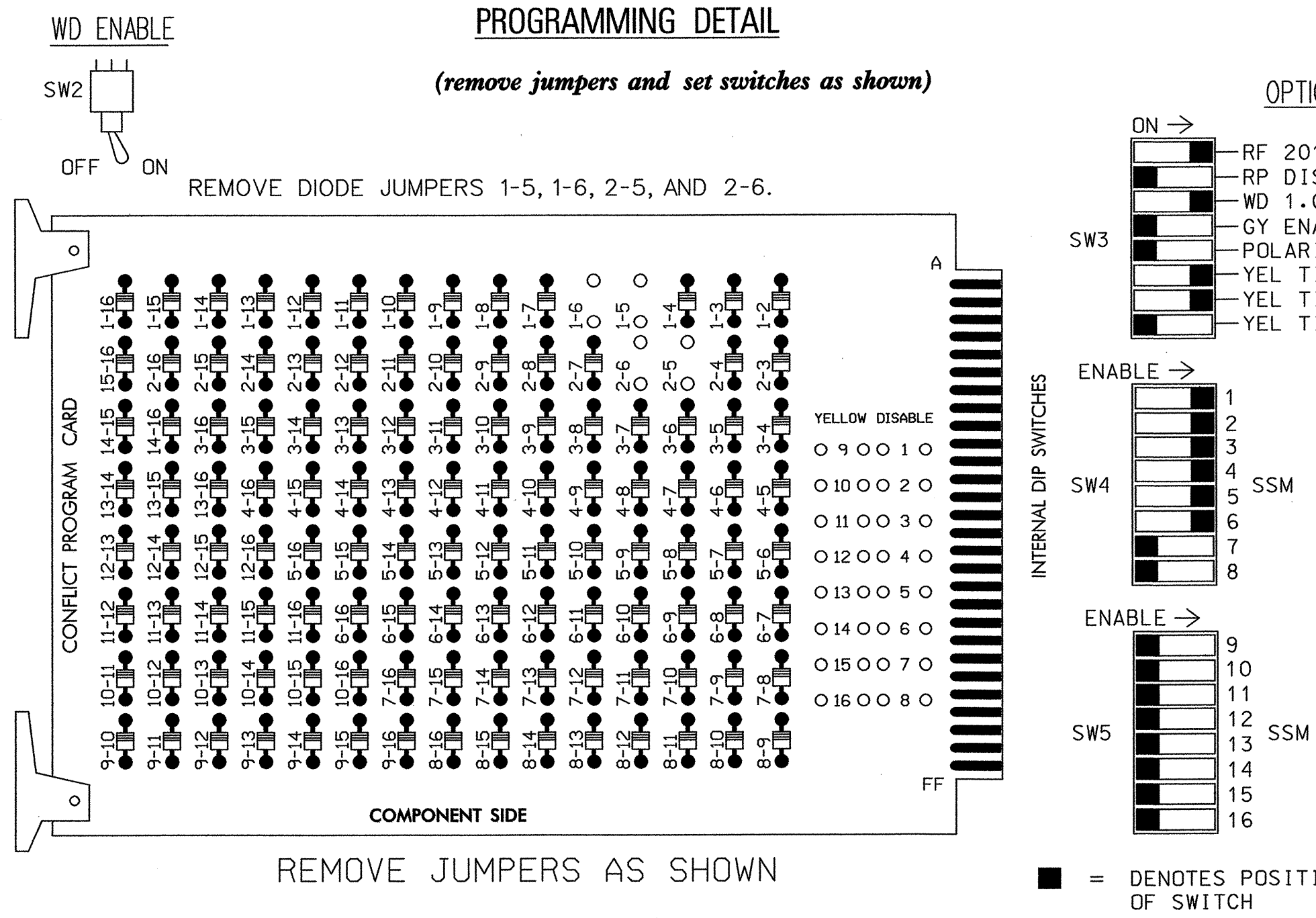


EDI MODEL 2010ECL CONFLICT MONITOR

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 ACCUTIME 2000 GPS IS PREEXISTING AND THE CONNECTOR WIRING DETAIL IS PROVIDED FOR REFERENCE. THE GPS UNIT WILL BE REMOVED WHEN THE CABINET IS REPLACED.

EQUIPMENT INFORMATION

CONTROLLER.....EXISTING 2070L CONTROLLER
 CABINETEXISTING 332 CABINET
 SOFTWAREECONOLITE 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

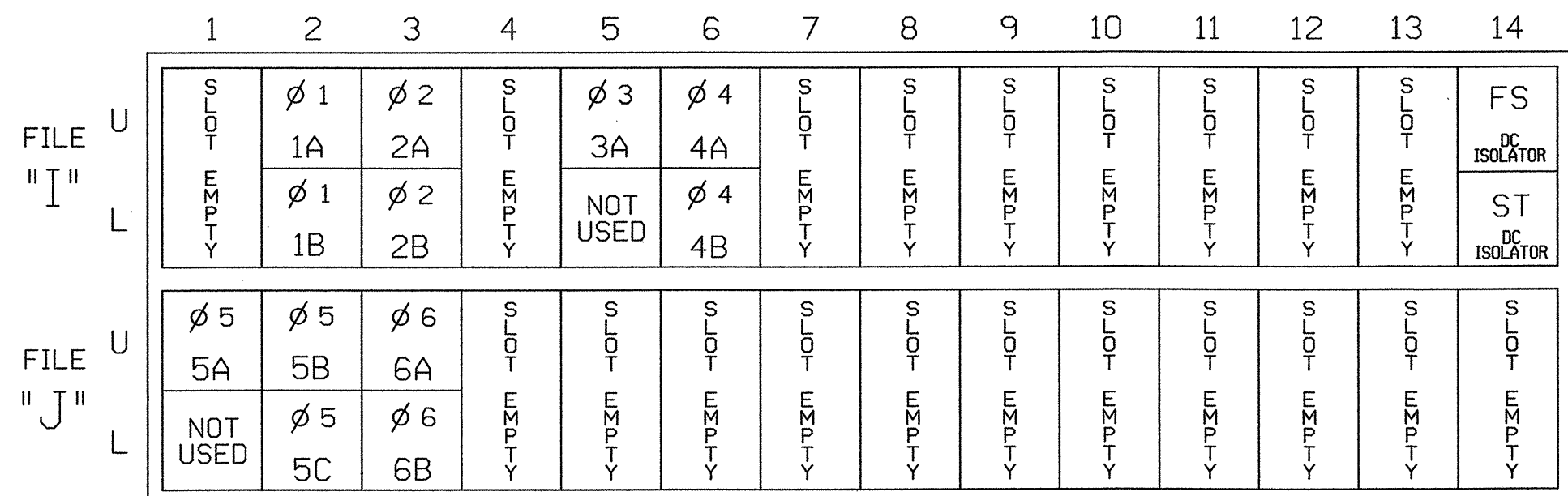
FIELD CONNECTION HOOK-UP CHART

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	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						102		132	132						
GREEN ARROW	127	127			118		103	103		133	133						
⚠																	
👤																	

NU = NOT USED

INPUT FILE POSITION LAYOUT

(front view)

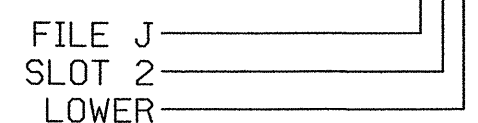


EX. : 1A, 2A, ETC. = LOOP NO.'S

INPUT FILE CONNECTION & PROGRAMMING CHART

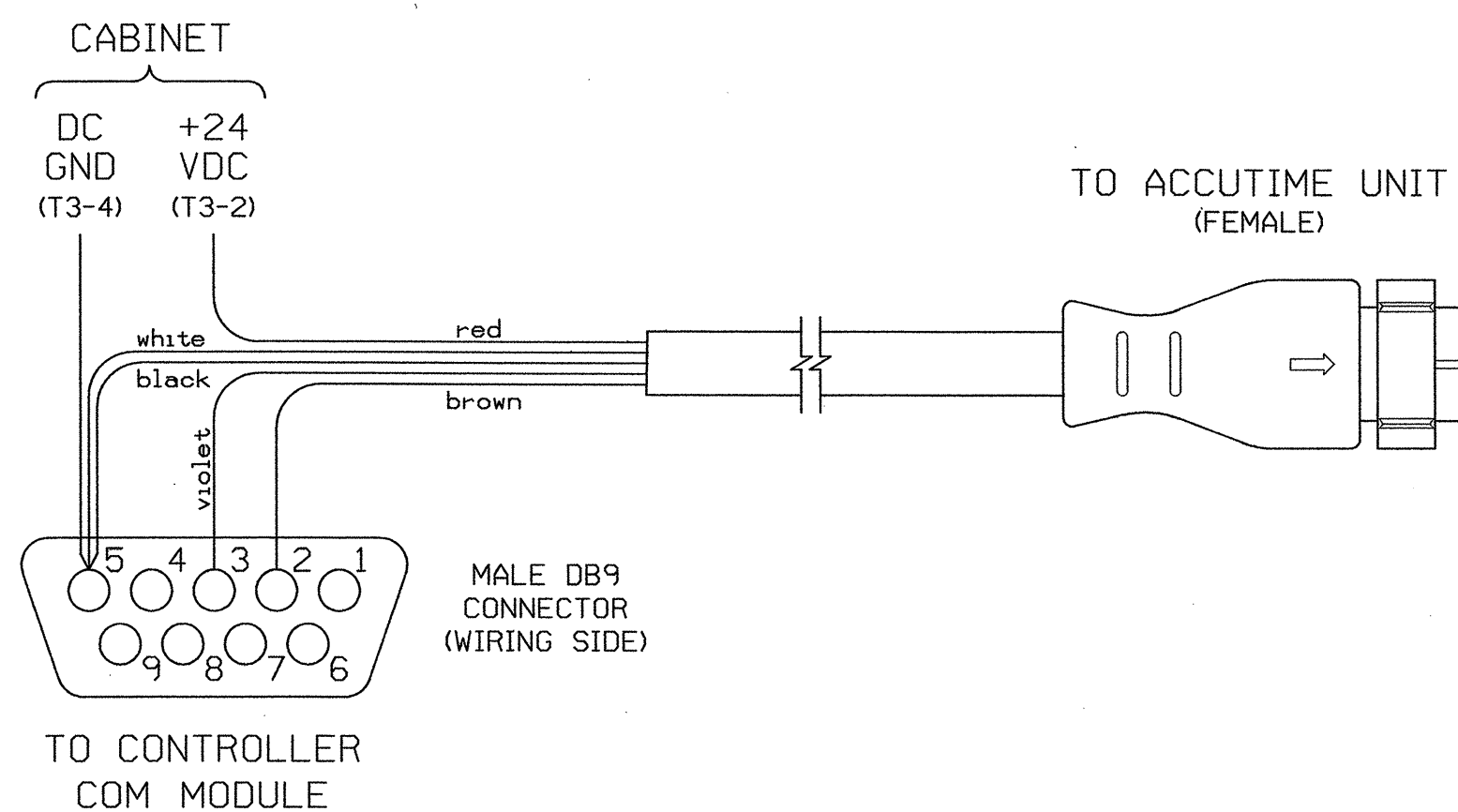
LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
1A	TB2-5,6	I2U	39	1	2	1	Y	Y	-	---	3
1B	TB2-7,8	I2L	43	5	12	1	Y	Y	-	---	15
2A	TB2-9,10	I3U	63	25	32	2	Y	Y	-	---	--
2B	TB2-11,12	I3L	76	38	42	2	Y	Y	-	---	--
3A	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	-	---	3
5B	TB3-5,6	J2U	40	2	6	5	Y	Y	-	---	3
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



CONNECTOR WIRING DETAIL FOR ACCUTIME 2000 WITH RS232 INTERFACE

(make connections as shown)



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0895T1
 DESIGNED: NOVEMBER 2003
 SEALED: 1/7/2004
 REVISED: TBD

SEPI ENGINEERING GROUP

2300 Rexwoods Drive
 Suite 370
 Raleigh, NC 27607
 Tel:919-789-9977 Fax:789-9591

SIGNAL DESCRIPTION	12 CONDUCTOR CABLE COLOR	ACCUTIME CØNNECTOR	DB9 TO CØNTRACTOR	CABINET CØNNECTION
DC POWER	RED	PIN 1		T3-2
PORT B: RECEIVE	VIOLET	PIN 2	PIN 3	
PORT B: TRANSMIT	BROWN	PIN 4	PIN 2	
PORT A: RECEIVE	WHITE	PIN 6	PIN 5	
DC GROUND	BLACK	PIN 9	PIN 5	T3-4

NOTE: ALL OTHER WIRES IN THE ACCUWAVE CABLE ARE UNUSED AND SHOULD BE TIED OFF.

THE COM PORT USED BY THE ACCUTIME UNIT NEEDS TO BE CONFIGURED IN THE OASIS SOFTWARE USING THE SETTING BELOW:

- * TRIMBLE TSIP GPS PROTOCOL
- * 9600 BAUD
- * 8 DATA BITS
- * 1 STOP BIT
- * ODD PARITY

SIGNAL UPGRADE TEMPORARY DESIGN 1 CONSTRUCTION PHASE I

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 SEAL 07438 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:

Revisions: INIT. DATE

Signature: James O. Deaton 1/14/04

Sig. Inventory No. 03-0895T1