

EDI MODEL 2018ECLip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



- ### 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.
 - Program controller to start up in phase 3 Walk.
 - If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location.
 - The cabinet and controller are part of the D06-24 NC 72 (Second Street) and Water Street Signal System.

SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	9	10	17	11	12	18
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	3 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	NU	NU	P21, P22	31	32	41,42	P41, P42	51,52	NU	P61, P62	NC	NU	P31, P32	NU	NU	NU	NU	NU
RED				116	116	101												
YELLOW				117	117	102												
GREEN				118	118	103												
RED ARROW									131									
YELLOW ARROW									132									
GREEN ARROW				118					133									
Hand			113				104		119		110							
Walking			115				106		121		112							

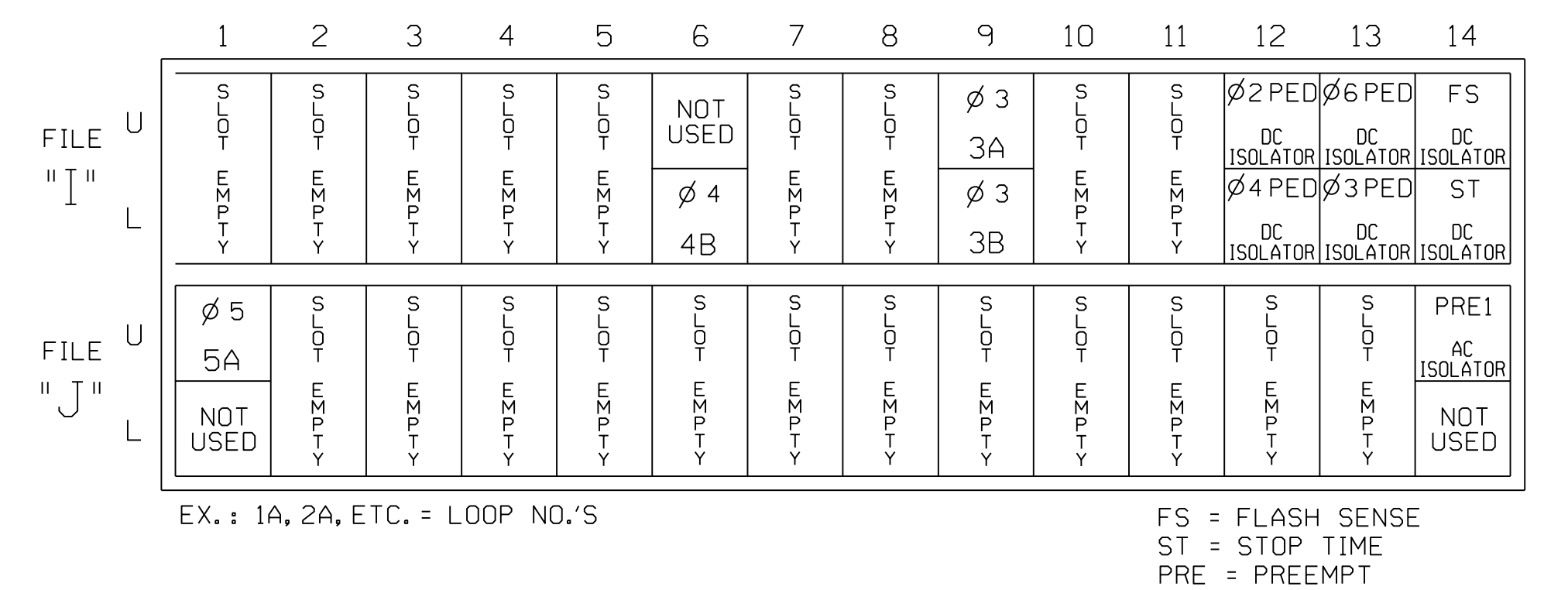
NU = Not Used
NC = No Connection

EQUIPMENT INFORMATION

CONTROLLER.....2070LX
 CABINET.....332 W/AUX
 SOFTWARE.....ECONOLITE ASC/3-2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE LOAD SWITCHES USED.....S3,S4,S5,S6,S7, S9,S12
 PHASES USED.....2PED,3,3PED,4,4PED, 5,6PED
 OVERLAP "A".....NOT USED
 OVERLAP "B".....NOT USED
 OVERLAP "C".....NOT USED
 OVERLAP "D".....NOT USED

INPUT FILE POSITION LAYOUT

(front view)



INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	ADDED INITIAL	DETECTOR TYPE
3A	TB6-9,10	I9U	60	11	3	YES		3		N
3B	TB6-11,12	I9L	62	13	3	YES				N
4B	TB4-11,12	I6L	45	14	4	YES		10		N
5A	TB3-1,2	J1U	55	5	5	YES		3		N

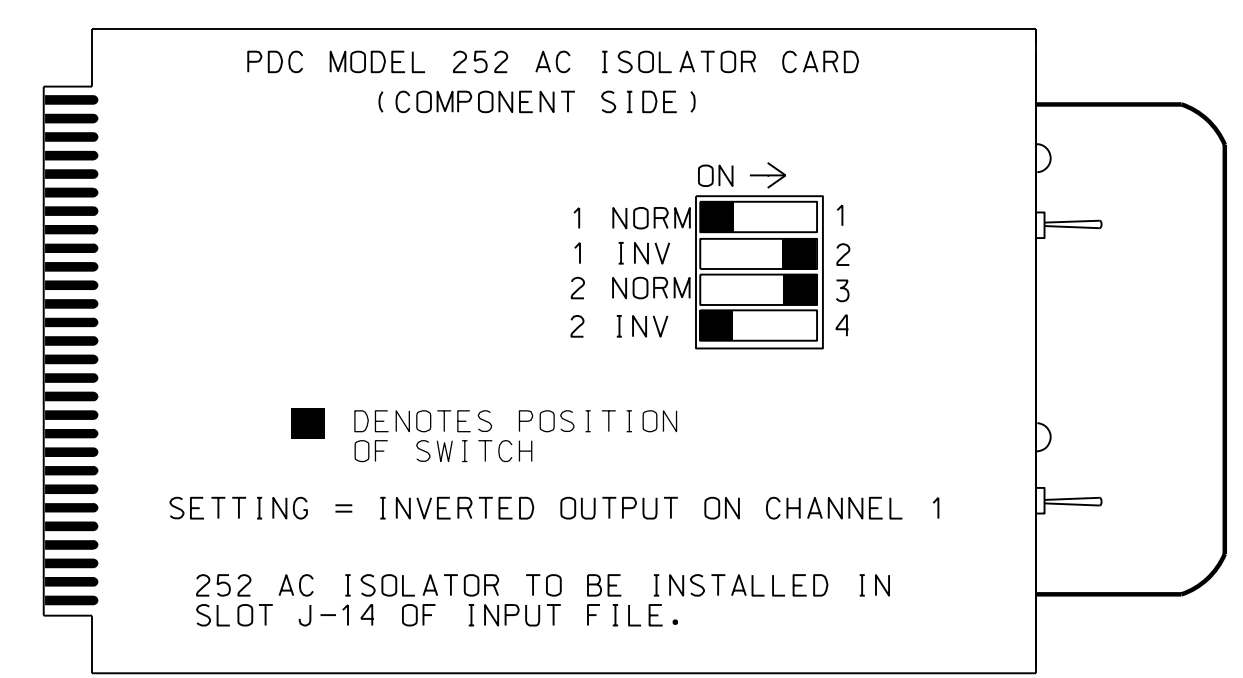
NOTE:
INSTALL DC ISOLATORS IN INPUT FILE SLOTS 112 AND 113.

INPUT FILE POSITION LEGEND: J2L

FILE J
SLOT 2
LOWER

PREEMPT 1 AC ISOLATOR (MODEL 252) OUTPUT PROGRAMMING DETAIL

(set DIP switches as shown below)



NOTE: IF ANOTHER MANUFACTURER TYPE OF AC ISOLATOR IS USED, OUTPUT PROGRAMMING IS LIKELY NOT TO EQUATE TO THAT SHOWN ABOVE.

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0186T
 DESIGNED: AUGUST 2022
 SEALED: FEBRUARY 2023
 REVISED: N/A

Temporary Design
Electrical Detail - Sheet 1 of 3

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February 2, 2023

NC 72/NC 41-72 (W 2nd St)
at
NC 41/SR 1599
(Martin Luther King Jr. Dr)
Division 6 Robeson County Lumberton

PLAN DATE: FEBRUARY 2023	REVIEWED BY: R M Muncey
PREPARED BY: D. Waller	REVIEWED BY:
REVISIONS	INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIG. INVENTORY NO. 06-0186T

2:59:18 PM U:\Projects\Signal\Temporary Design\B-5985A\sig.ele_06-0186T.dgn User:rmuncey