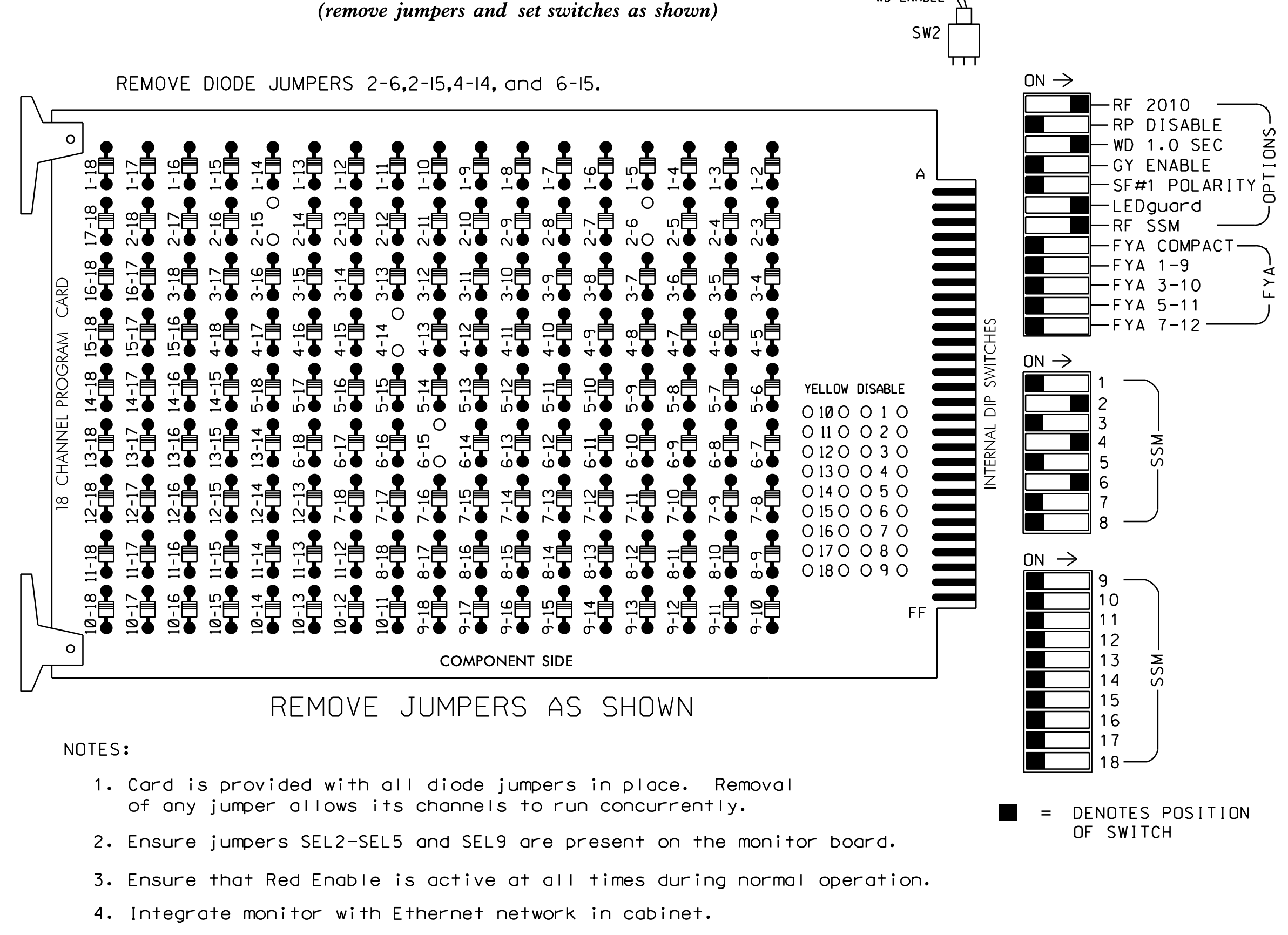


**EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL**  
(remove jumpers and set switches as shown)



**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.
- Enable Simultaneous Gap-Out for all phases.
- Program phases 2 + 6, on the controller unit, for Start Up In Green. SPECIAL PROGRAMMING IS NEEDED FOR PROPER START-UP OF PED SIGNALS. SEE SHEET 2 OF 2 OF THIS ELECTRICAL DETAIL FOR INSTRUCTIONS.
- Program phases 4 and 6 for 'STARTUP PED CALL'.
- Program phases 2 and 6 for Yellow Flash.
- The cabinet and controller are part of the Asheville Signal System.

**SIGNAL HEAD HOOK-UP CHART**

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NC	21,22	NU	NU	41,42	P41,P42 P43,P44	NU	61,62	P61, P62	NU	NU	NU
RED		128			101			134				
YELLOW		129			102			135				
GREEN		130			103			136				
RED ARROW												
YELLOW ARROW												
GREEN ARROW												
									104		119	
									106		121	

NU = Not Used  
NC = Not Connected. Used for timing purposes only.

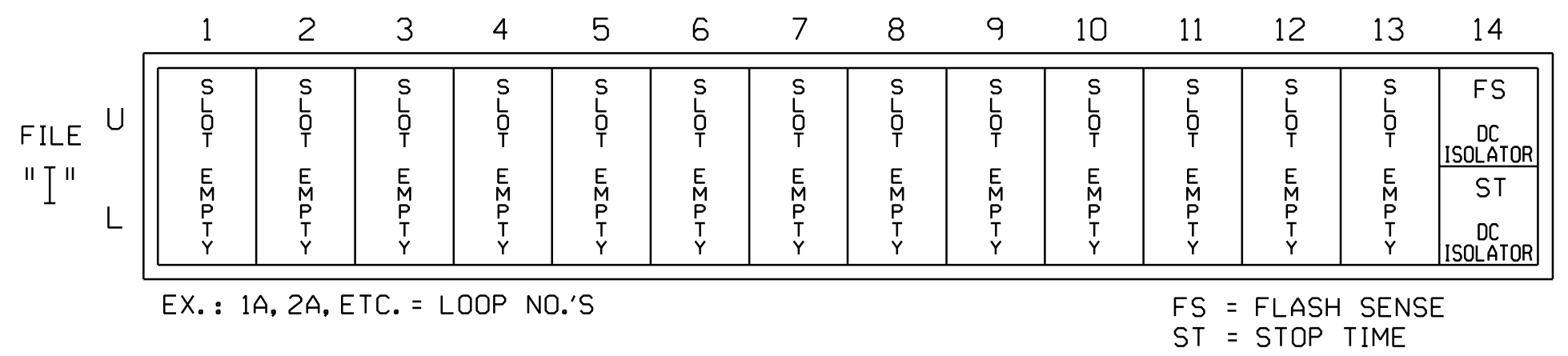
**EQUIPMENT INFORMATION**

CONTROLLER.....2070E  
CABINET.....336  
SOFTWARE.....ECONOLITE OASIS  
CABINET MOUNT.....BASE  
OUTPUT FILE POSITIONS...12  
LOAD SWITCHES USED.....S2,S5,S6,S8,S9  
PHASES USED.....1,2,4,6,4PED,6PED  
OVERLAPS.....NONE

**COUNTDOWN PEDESTRIAN SIGNAL OPERATION**

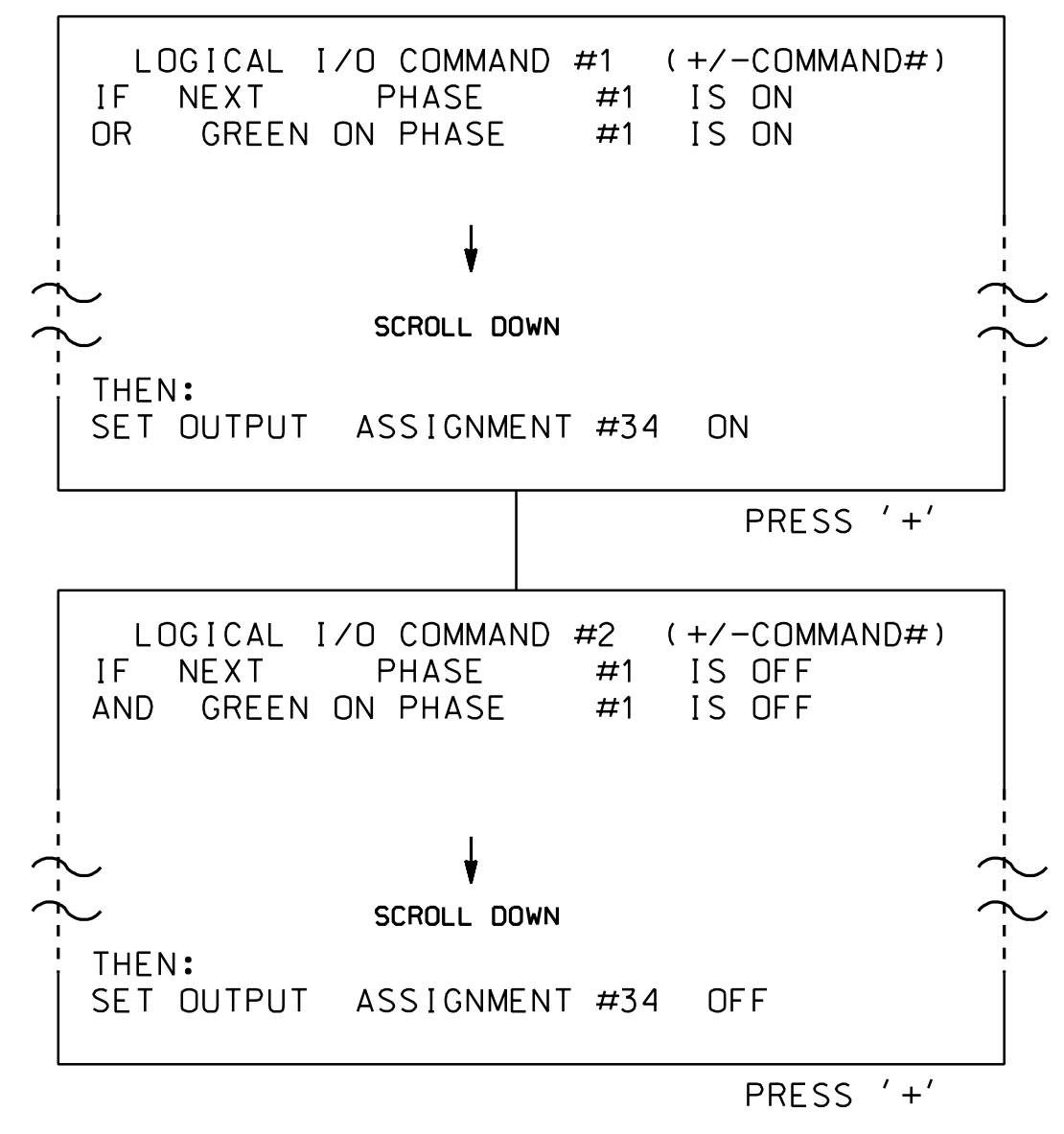
Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

**INPUT FILE POSITION LAYOUT**  
(front view)



**LOGICAL I/O PROCESSOR PROGRAMMING DETAIL FOR BLANKOUT SIGN CONTROL**  
(program controller as shown below)

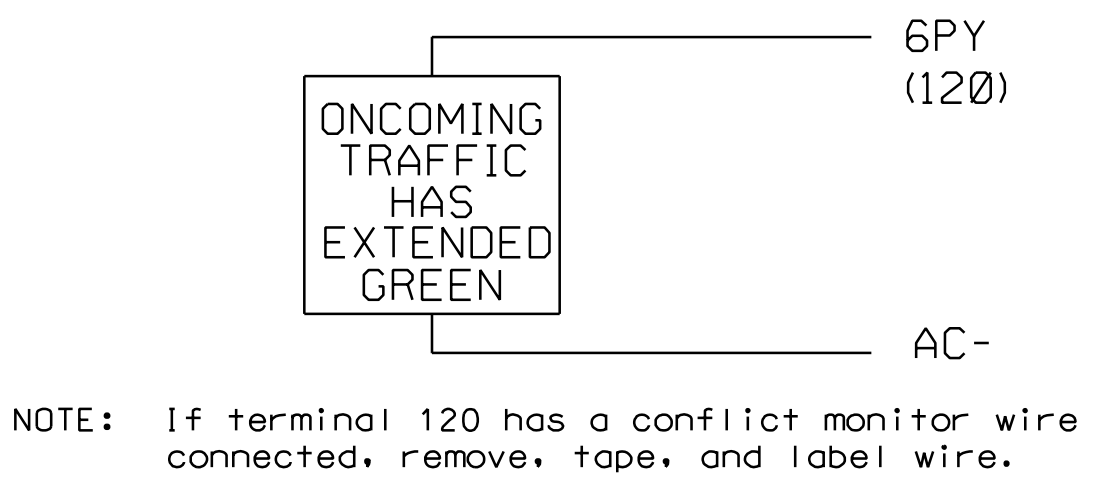
- FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR)
- THE PROGRAMMING SHOWN BELOW IS NECESSARY FOR SIGN (A) TO OPERATE AS SHOWN ON THE SIGNAL DESIGN PLANS.



**ADVANCED WALK PROGRAMMING NOTE**  
(program controller as shown below)

From Main Menu press '2' (Phase Control), then '1' (Phase Control Functions). Program phases 4 and 6 for 'Advanced Walk'. Make sure the Walk Advance times shown on the Signal Design Plans are programmed in the the 'Phase Timing' menu.

**BLANKOUT SIGN WIRING DETAIL**



**PHASE SEQUENCE PROGRAMMING DETAIL**  
(program controller as shown below)

FROM OASIS LOCAL CONTROLLER MAIN MENU  
SELECT: 4 PHASE SEQUENCE

PHASE SEQUENCE:	PAGE 1	NEXT:	PAGES	
RNG LEAD	BARRIER 1	X-LAG LEAD	BARRIER 2	X-LAG
1	0	2	0	0
2	0	6	0	0
3	0	0	0	0
4	0	0	0	0

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: COA-0110  
DESIGNED: JUNE 2016  
SEALED: 12-13-2016  
REVISED:



ELECTRICAL DETAIL SHEET 1 OF 3

 Prepared for the Offices of: 161 S. Charlotte St, Asheville NC 28802	Division 13 Buncombe County Asheville		 SEAL NORTH CAROLINA PROFESSIONAL ENGINEER JAMES B. VOBBE 140F000376041F 12/13/2016 DATE SIG. INVENTORY NO. COA-0110
	Prepared by: BGR REVISIONS	Reviewed by: SMH REVIEWED BY: JBV DATE	
	Patton Ave at Otis St		