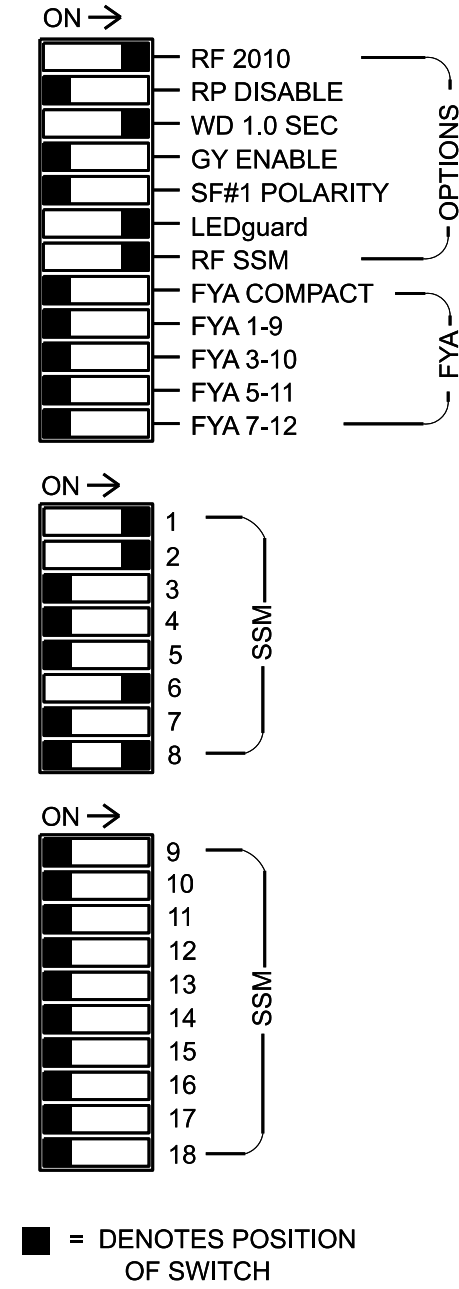
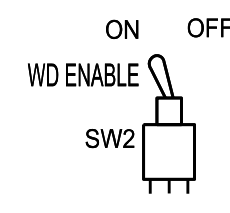
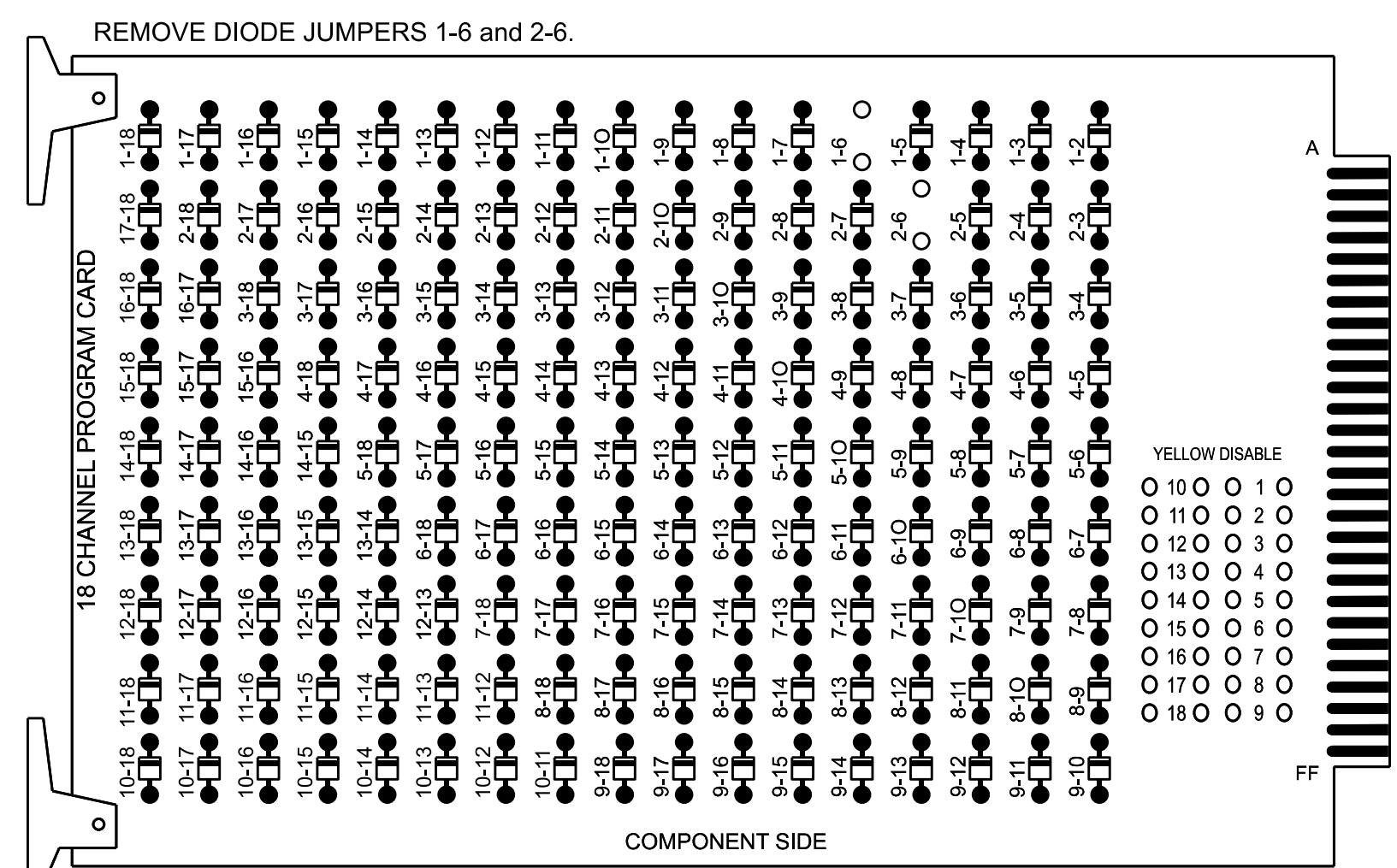


**18 CHANNEL CONFLICT MONITOR  
PROGRAMMING DETAIL**

(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.
- Return controller to Factory Defaults before programming per this electrical detail.
- Enable Simultaneous Gap-Out for all Phases.
- Program phases 2 and 6 for Variable Initial and Gap Reduction.
- Disable all phases for Startup In Green.
- Program phases 2 and 6 as First Phases.
- Disable all phases for Yellow Flash.
- The cabinet and controller are part of the Winston-Salem Signal System.

**EQUIPMENT INFORMATION**

CONTROLLER.....2070  
 CABINET.....332 W/ AUX  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE  
 LOAD SWITCHES USED.....S1,S2,S8,S11  
 PHASES USED.....1,2,6,8  
 OVERLAP "A".....NOT USED  
 OVERLAP "B".....NOT USED  
 OVERLAP "C".....NOT USED  
 OVERLAP "D".....NOT USED

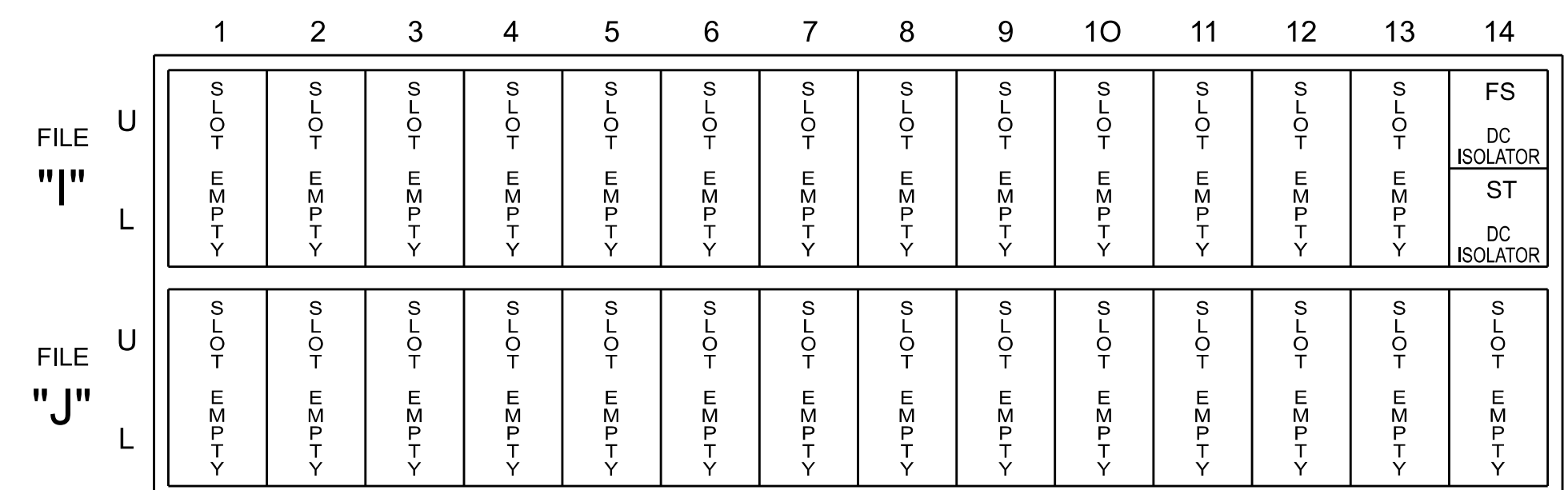
PROJECT REFERENCE NO.	SHEET NO.
BR-0168	Sig. 5,6

**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	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	11	82	21,22	NU	NU	NU	NU	61,62	NU	NU	81	82,83	NU	NU	NU	NU	NU	NU
RED			128					134			107	107						
YELLOW			129					135			108	108						
GREEN			130					136			109	109						
RED ARROW	125																	
YELLOW ARROW	126	126																
FLASHING YELLOW ARROW																		
GREEN ARROW	127	127									109							

**INPUT FILE POSITION LAYOUT**

(front view)



**SPECIAL DETECTOR NOTE**

Install a non-intrusive detection system for vehicle detection. Perform installation according to manufacturer's directions and NCDOT engineer -approved mounting locations to accomplish the detection schemes shown on the Signal Design Plans.

THIS ELECTRICAL DETAIL IS FOR  
 THE SIGNAL DESIGN: 09-0798T1A  
 DESIGNED: March 2026  
 SEALED: 03-09-26  
 REVISED: N/A

Electrical Detail - Temporary Design 1A - Sheet 1 of 1

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared in the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

SR 4000 (University Parkway)  
 at  
 N. Pattern Avenue and  
 US 52 NB Ramps

Division 9	Forsyth County	Winston-Salem
PLAN DATE: March 2026	REVIEWED BY:	
PREPARED BY: James Peterson	REVIEWED BY:	
REVISIONS	INT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

Keith M. Mims 03/09/2026

SIG. INVENTORY NO. 09-0798T1A

04-MAR-2026 14:38  
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 J Peterson