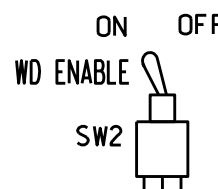


(remove jumpers and set switches as shown)

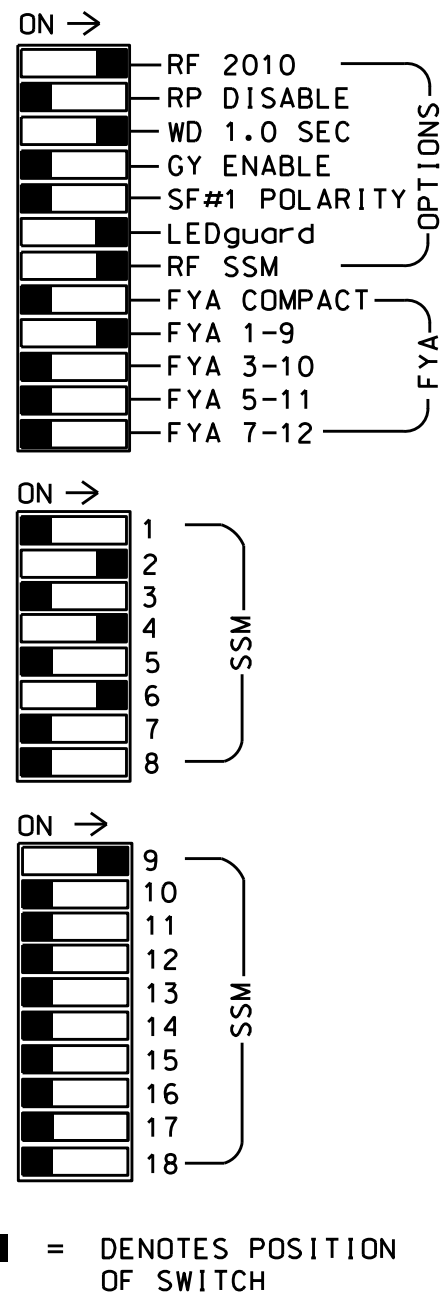
(remove jumpers and set switches as shown)



REMOVE JUMPERS AS SHOWN

NOTES:

1. Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
2. Ensure jumpers SEL2-SEL5 and SEL9 are present on the monitor board.
3. Ensure that Red Enable is active at all times during normal operation.
4. Connect serial cable from conflict monitor to comm. port 1 of 2070 controller. Ensure conflict monitor communicates with 2070.



NOTES

1. 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.
2. Enable Simultaneous Gap-Out for all phases.
3. Program phases 2 and 6 for Variable Initial and Gap Reduction.
4. Disable all phases for Start Up In Green.
5. Program phases 2 and 6 for First Phases.
6. Disable all phases for Yellow Flash.
7. Program overlap 1 as Wag Overlaps.
8. The cabinet and controller are part of the Winston-Salem Signal System.

EQUIPMENT INFORMATION

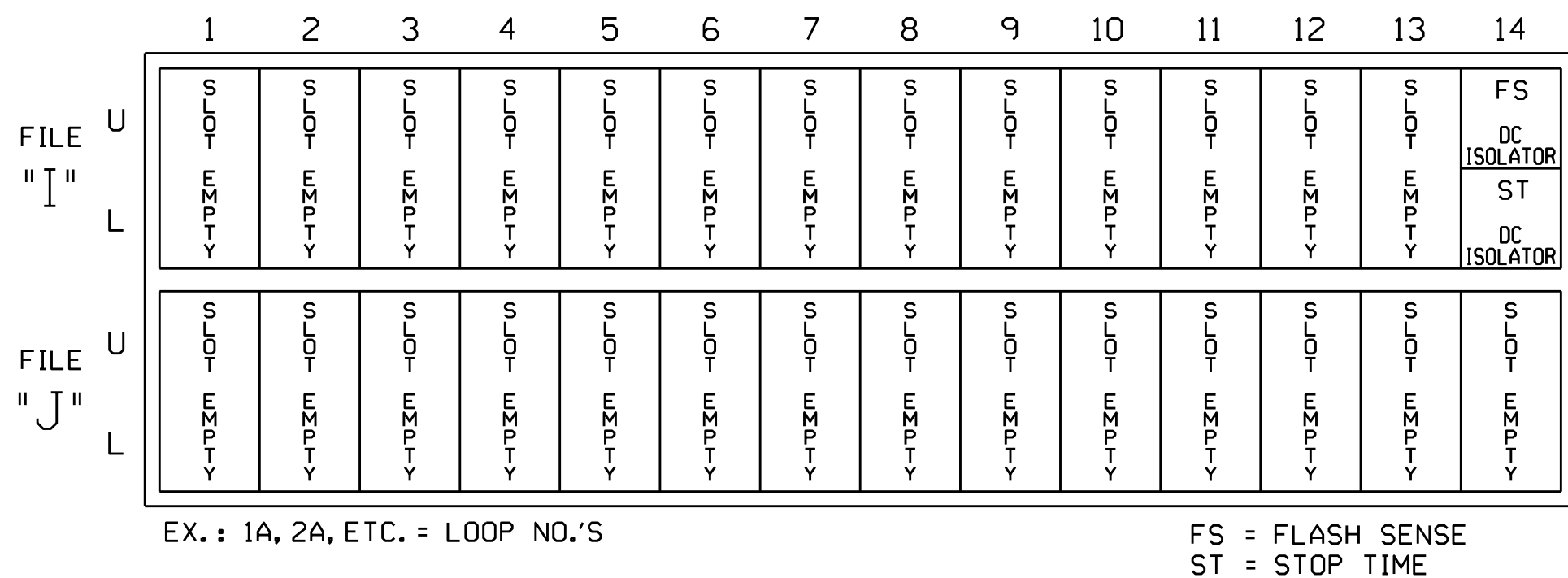
```

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,S5,S8,AUX S1
PHASES USED.....1,2,4,6
OVERLAP "A".....1+2
OVERLAP "B".....NOT USED
OVERLAP "C".....NOT USED
OVERLAP "D".....NOT USED

```

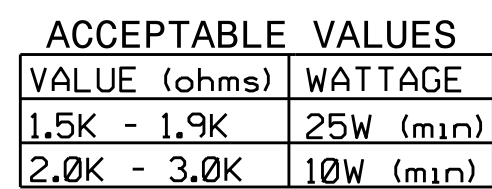
INPUT FILE POSITION LAYOUT

(front view)

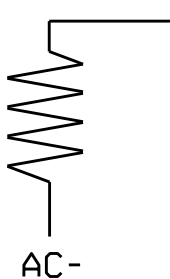


LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown below)



- PHASE 1 YELLOW FIELD
TERMINAL (126)



SIGNAL HEAD HOOK-UP CHART

[illegible]

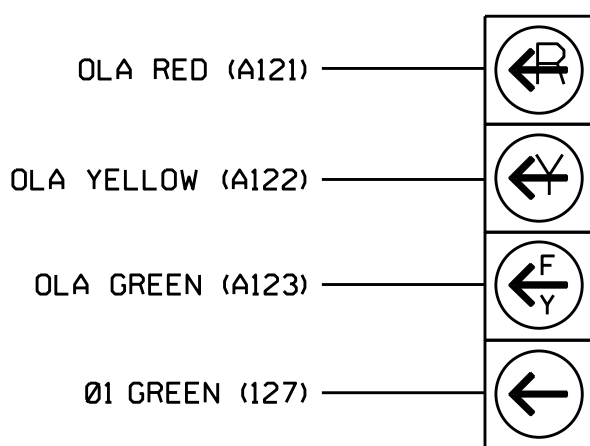
NU = Not Used

* Denotes install load resistor. See load resistor installation detail this sheet.

★ See pictorial of head wiring in detail below.

FYA SIGNAL WIRING DETAIL

(wire signal head as shown)



11

NOTE

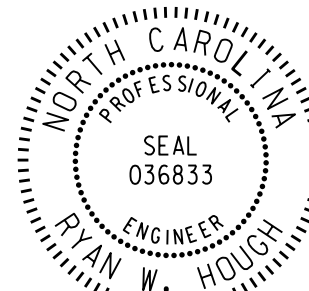
The sequence display for signal heads 11 requires special logic programming. See sheet 2 for programming instructions.

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.

**DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED**

SEAL



Signed by: Ryan W. Haugh 01/13/2025
DATE
430320EA42854C3
SIG. INVENTORY NO. 09-0600T1

Electrical Design - Sheet 1 of 2 - Temporary Design 1

NC 109/SR 4325 (Thomasville Road)
at
I-40 EB Ramp and
SR 3826 (I-40 EB Frontage Road)

Division 9 Forsyth County Winston-Salem

PLAN DATE: December 2024	REVIEWED BY:
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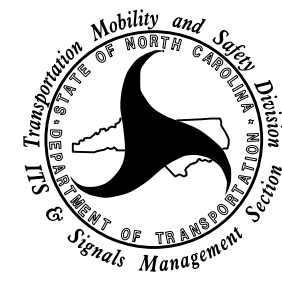
REVISIONS	INIT.	DATE
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Ryan W. Hauch 01/13/2025

SIG. INVENTORY NO. 09-0600T1

ELECTRICAL AND PROGRAMMING DETAILS FOR:
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Prepared in the Offices of:



750 N.Greenfield Pkwy.Garner,NC 27529