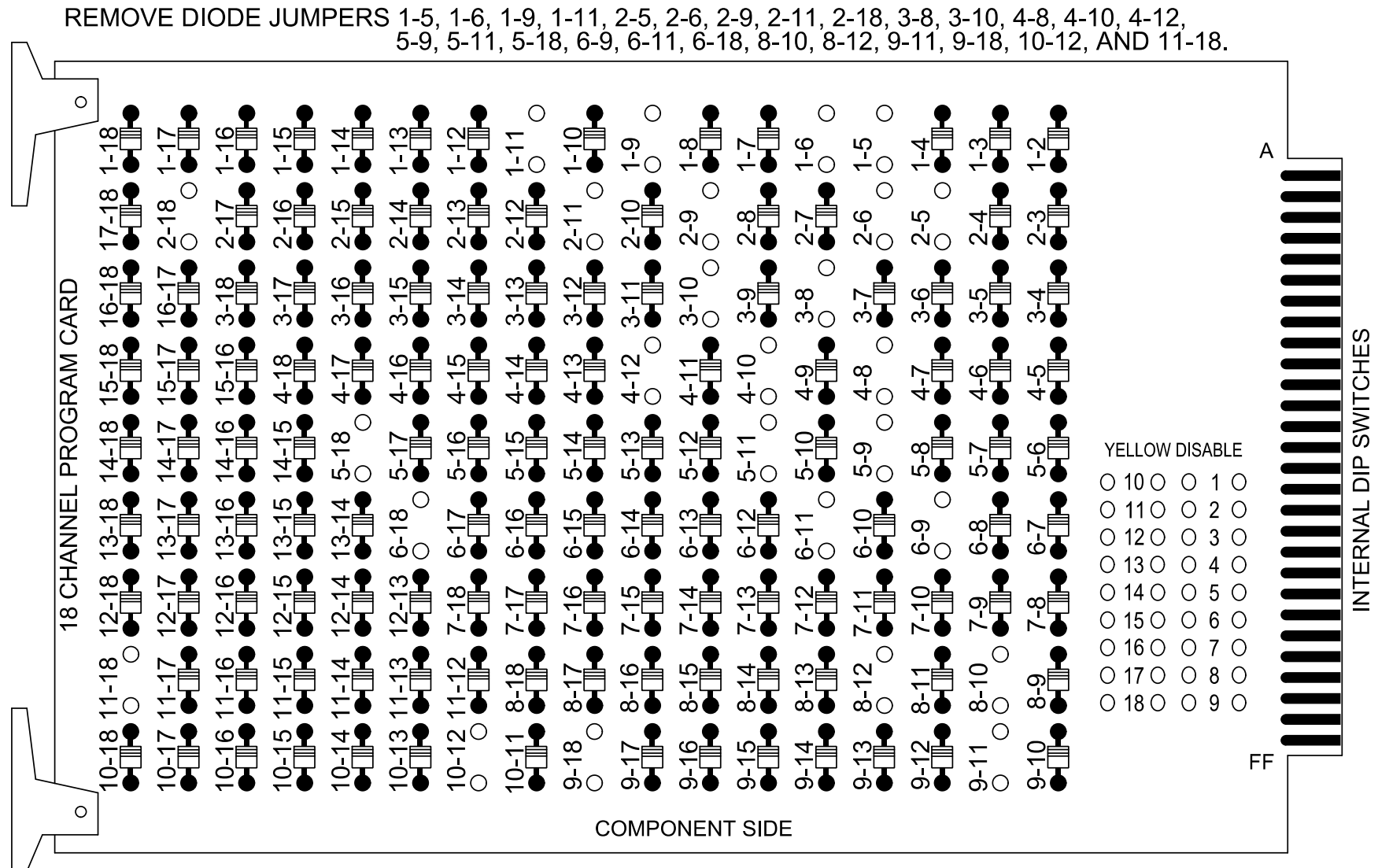


(remove jumpers and set switches as shown)

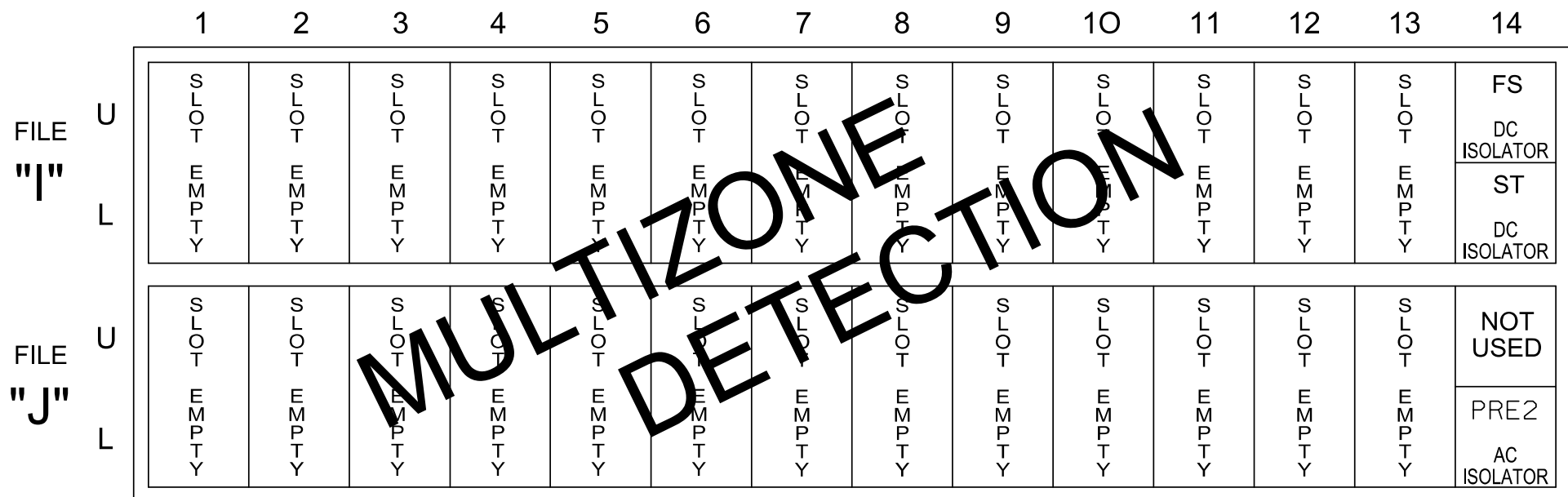
ON OFF
WD ENABLE
SW2



REMOVE JUMPERS AS SHOWN

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 the Red Enable is active at all times during normal operation.
4. Integrate monitor with Ethernet network in cabinet.

(front view)



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

FS = FLASH SENSE
ST = STOP TIME
PRE = PREEMPT

Install a multizone microwave 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.

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 plan.

2. Program phase 4 and phase 8 for Dual Entry.

3. Program phase 3 for No Startup Veh Call.

3. Program phase 3 for No Startup Veh Call.

4. Program controller to start up in phase 2 Green No Walk, phase 3 Phase Not On, and phase 6 Green No Walk.

5. If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location.

6. The cabinet and controller are part of the Signal System #D06-18 Lumberton NC 211 (N. Roberts Avenue).

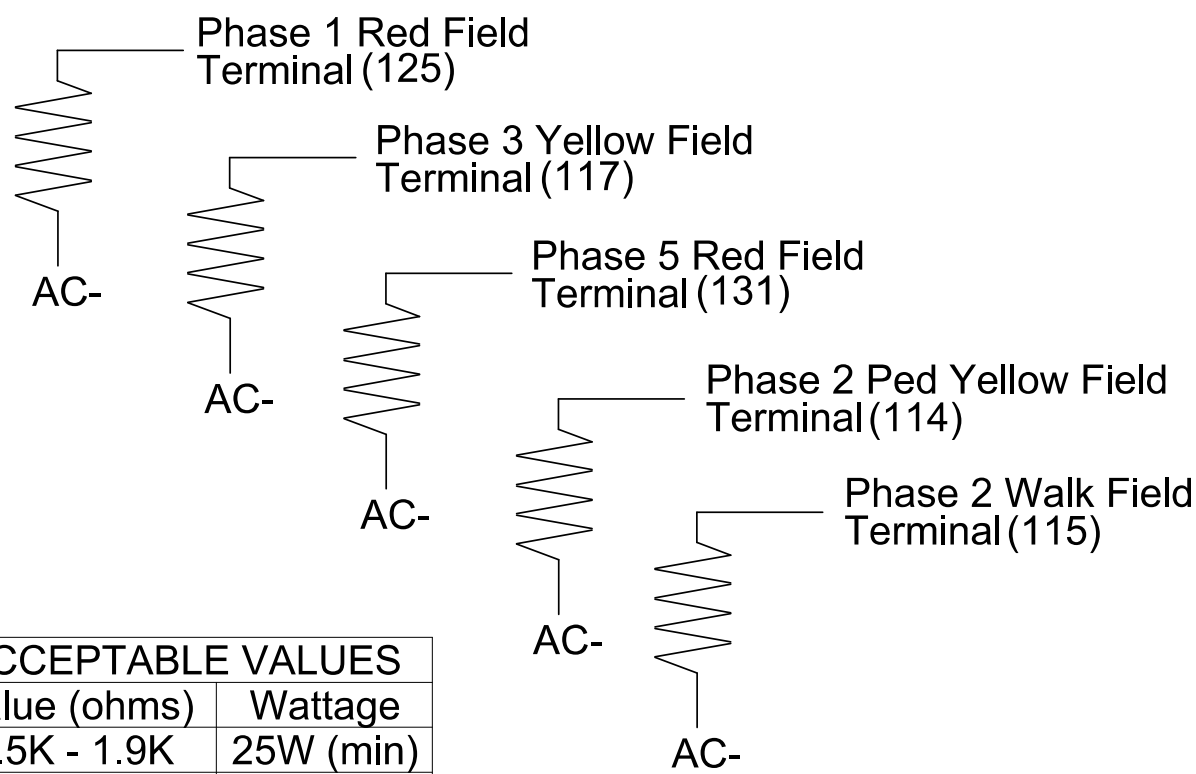
Controller.....	2070LX
Cabinet.....	332 w/ Aux
Software.....	Q-Free MAXTIME
Cabinet Mount.....	Base
Output File Positions.....	18 With Aux. Output File
Load Switches Used.....	S1, S2, **S3, S4, S5, S7, S8, S11, AUX S1, AUX S2, AUX S4, AUX S5, AUX S6
Phases Used.....	1, 2,*3, 4, 5, 6, 8
Overlap "1".....	*
Overlap "2".....	*
Overlap "3".....	*
Overlap "4".....	*
Overlap "5".....	NOT USED
Overlap "6".....	*

*See overlap programming detail on sheet 2

****Used for Preempt Pilot Lamp control**

★ Used only during Preempt

(install resistors as shown)



ACCEPTABLE VALUES	
Value (ohms)	Wattage
1.5K - 1.9K	25W (min)
2.0K - 3.0K	10W (min)

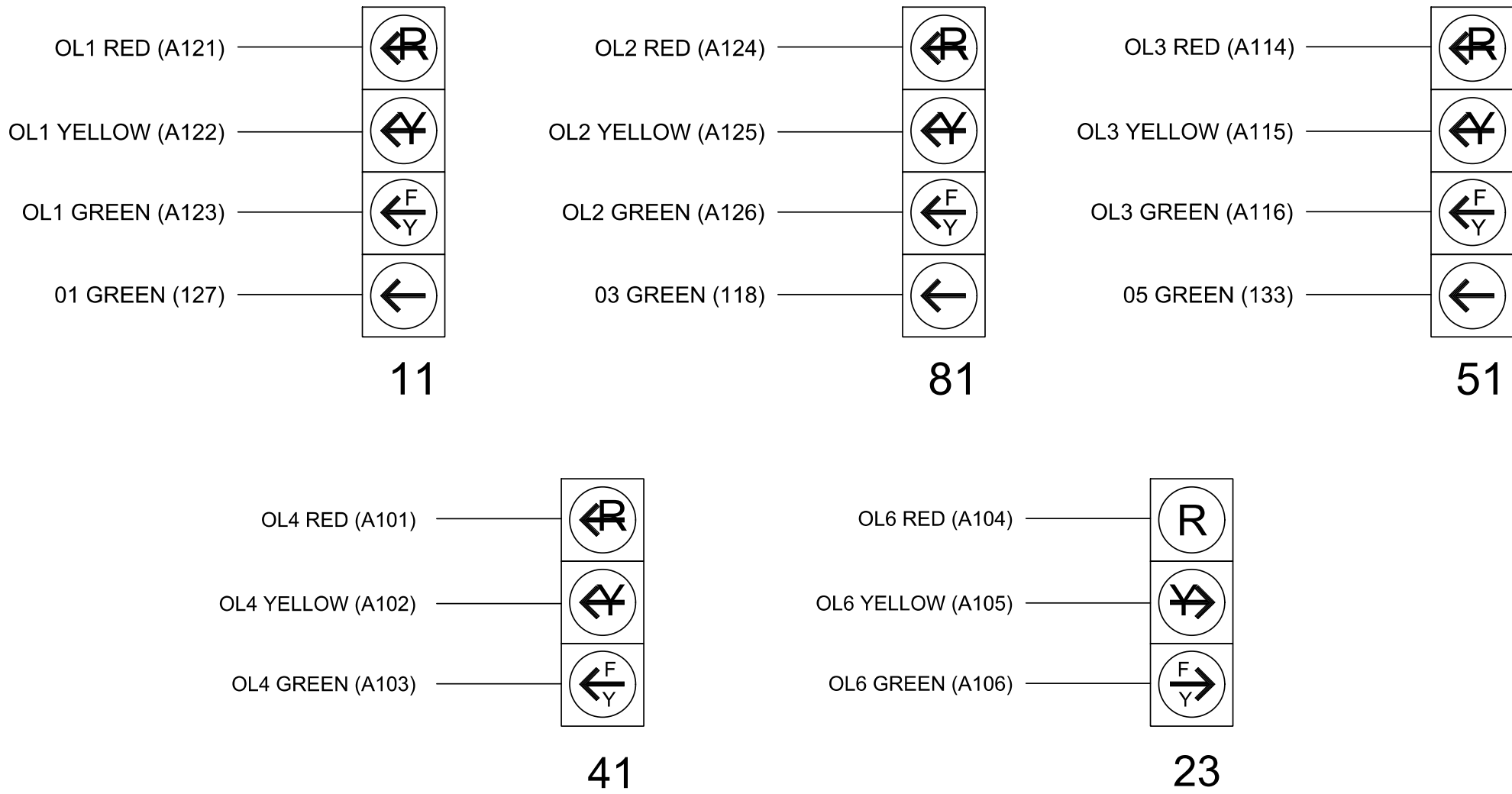
[illegible]

NU = Not Used

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

★ See pictorial of head wiring in detail this sheet.

(wire signal heads as shown)



THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 06-0897
DESIGNED: Feb 2025
SEALED: 03/19/2025
REVISED:

Final Design
Electrical Detail - Sheet 1 of 3

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL



ENGINEER
TRENT MOODY

DocuSigned by
Trent Moody 03

SIG. INVENTORY NO. 06-

stv

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