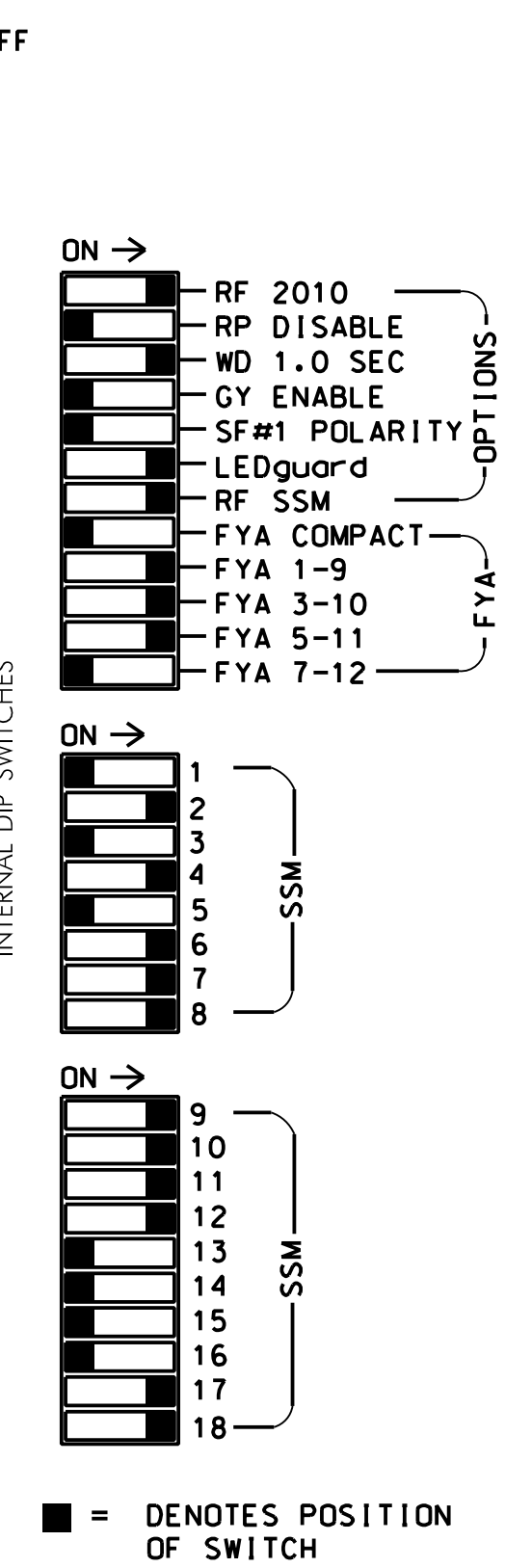
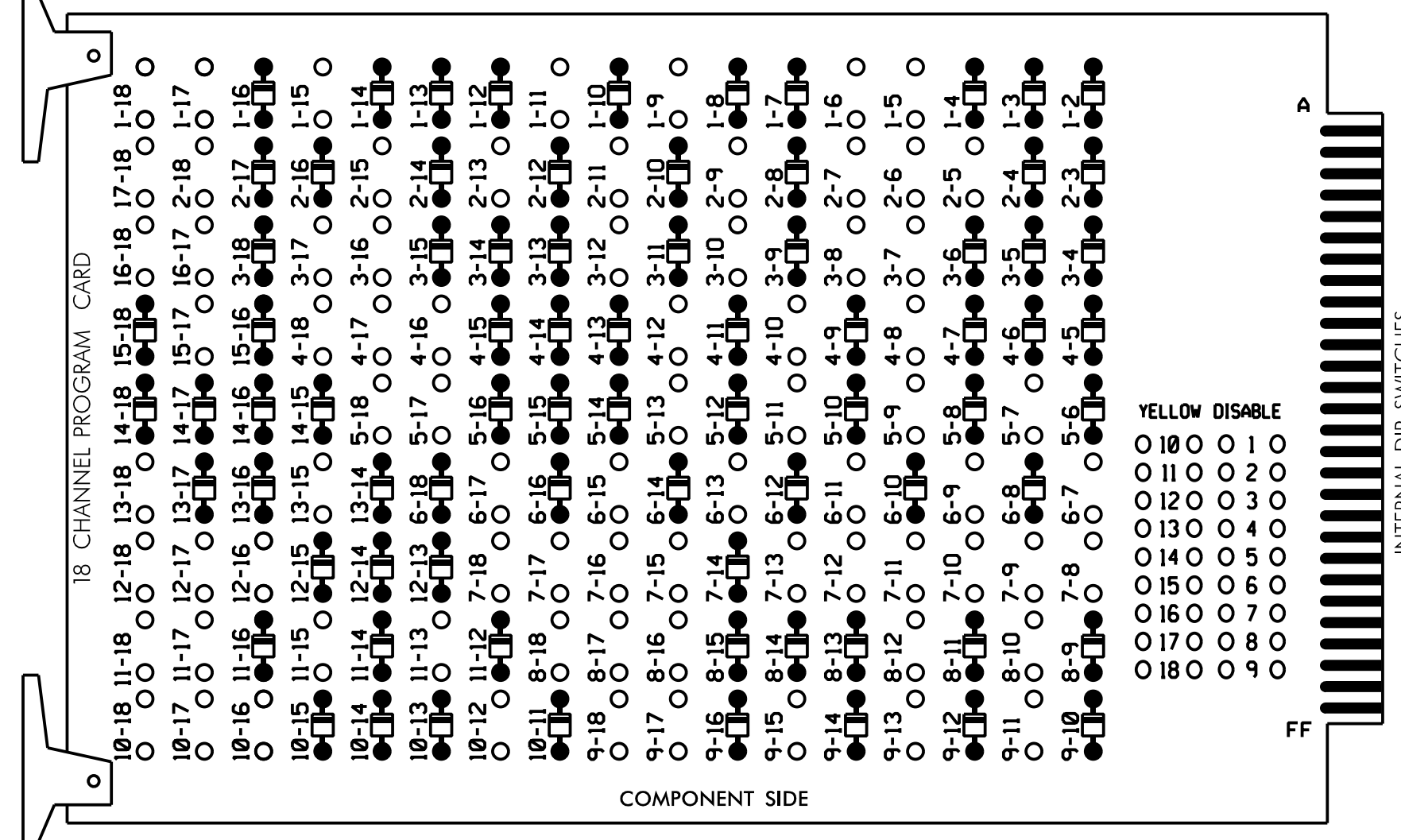


EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL

REMOVE DIODE JUMPERS 1-5, 1-6, 1-9, 1-11, 1-15, 1-17, 1-18, 2-5, 2-6, 2-7, 2-9, 2-11, 2-13, 2-15, 2-18, 3-7, 3-8, 3-10, 3-12, 3-16, 3-17, 4-8, 4-10, 4-12, 4-16, 4-17, 4-18, 5-7, 5-9, 5-11, 5-13, 5-17, 5-18, 6-7, 6-9, 6-11, 6-13, 6-15, 6-17, 7-8, 7-9, 7-10, 7-11, 7-12, 7-13, 7-15, 7-16, 7-17, 7-18, 8-10, 8-12, 8-16, 8-17, 8-18, 9-11, 9-13, 9-15, 9-17, 9-18, 10-12, 10-16, 10-17, 10-18, 11-13, 11-15, 11-17, 11-18, 12-16, 12-17, 12-18, 13-15, 13-18, 15-17, 16-17, 16-18, and 17-18.



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. Integrate monitor with Ethernet network in cabinet.

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. Program phase 4 and 8 for Dual Entry. 3. Enable Simultaneous Gap-Out for all Phases. 4. Program phases 2 and 6 for Variable Initial and Gap Reduction. 5. Program phases 2 and 6 for Startup In Green. 6. Program Phases 2, 6, and 8 for Startup Ped Call. 7. Program phases 2 and 6 for Yellow Flash, and overlaps 1, 2 and 5 as Wag Overlaps. 8. The cabinet and controller are part of the Wilmington Signal System.

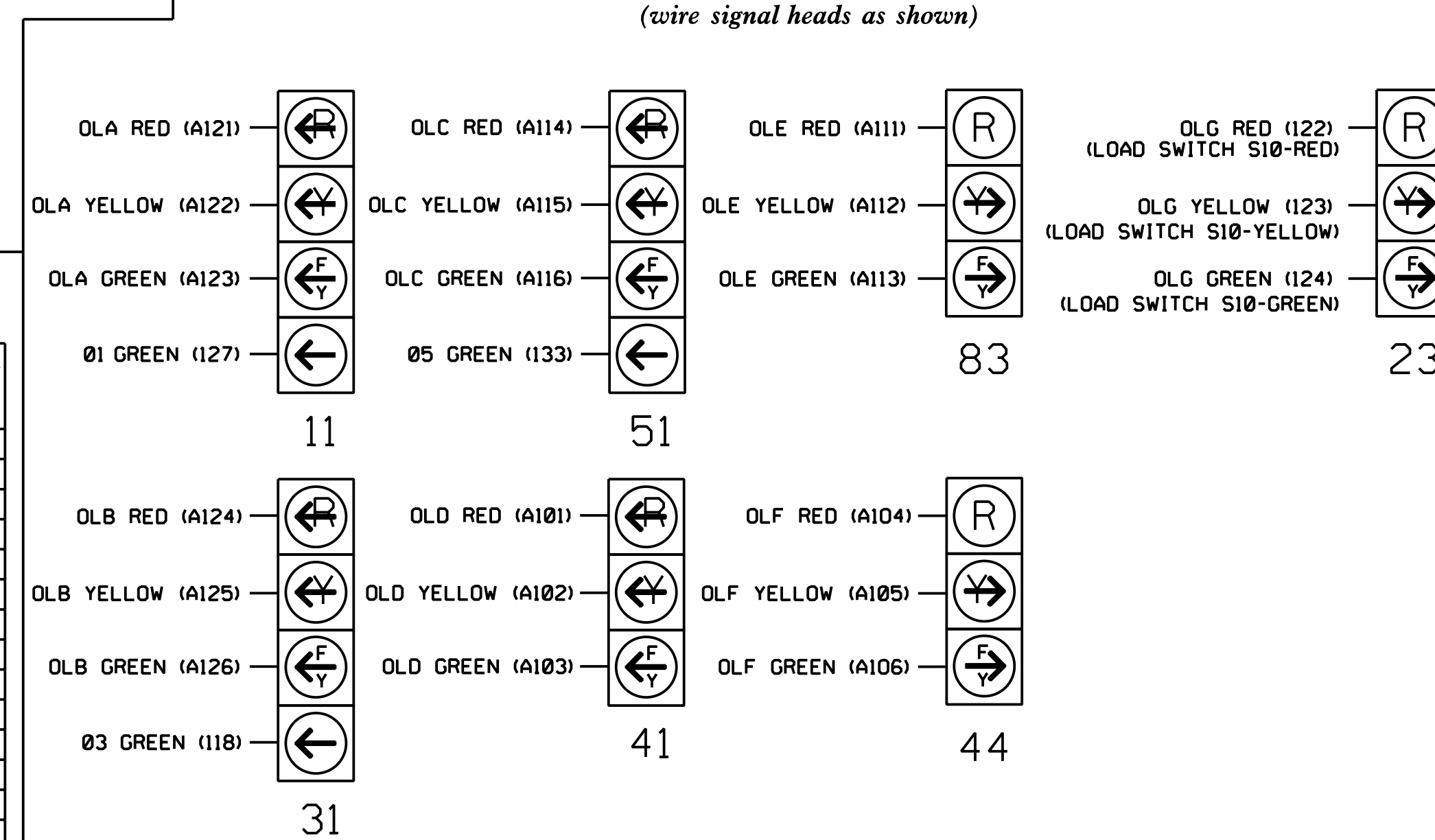
EQUIPMENT INFORMATION

CONTROLLER.....2070E
CABINET.....332 W/ AUX
SOFTWARE.....ECONOLITE OASIS
CABINET MOUNT.....BASE
OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
LOAD SWITCHES USED.....S1,S2,S3,S4,S5,S7,S8,S9,S10,S11,
S12,AUX S1,AUX S2,AUX S3,AUX S4,
AUX S5,AUX S6
PHASES USED.....1,2,2 PED,3,4,5,6,6 PED,8,8 PED
OVERLAP "A".....1+2
OVERLAP "B".....3+4
OVERLAP "C".....5+6
OVERLAP "D".....8
OVERLAP "E".....1+8
OVERLAP "F".....4+5
OVERLAP "G".....2+3

SIGNAL HEAD HOOK-UP CHART

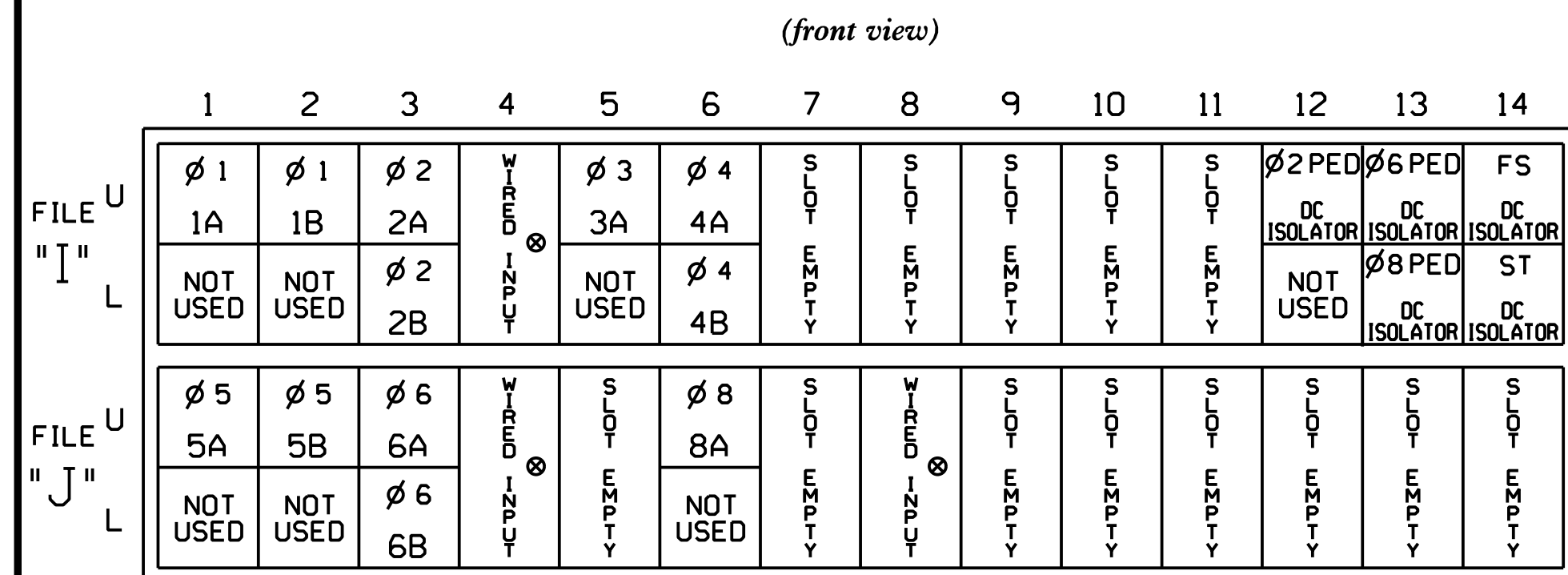
Table with columns for Load Switch No., S1-S12, AUX S1-S6, and Signal Head No. (RED, YELLOW, GREEN, RED ARROW, YELLOW ARROW, FLASHING YELLOW ARROW, GREEN ARROW). Includes a legend for NU (Not Used) and asterisks for load resistor installation.

FYA SIGNAL WIRING DETAIL



NOTE: The sequence display for signal heads 11, 31, and 51 requires special logic programming. See sheet 2 for programming instructions.

INPUT FILE POSITION LAYOUT

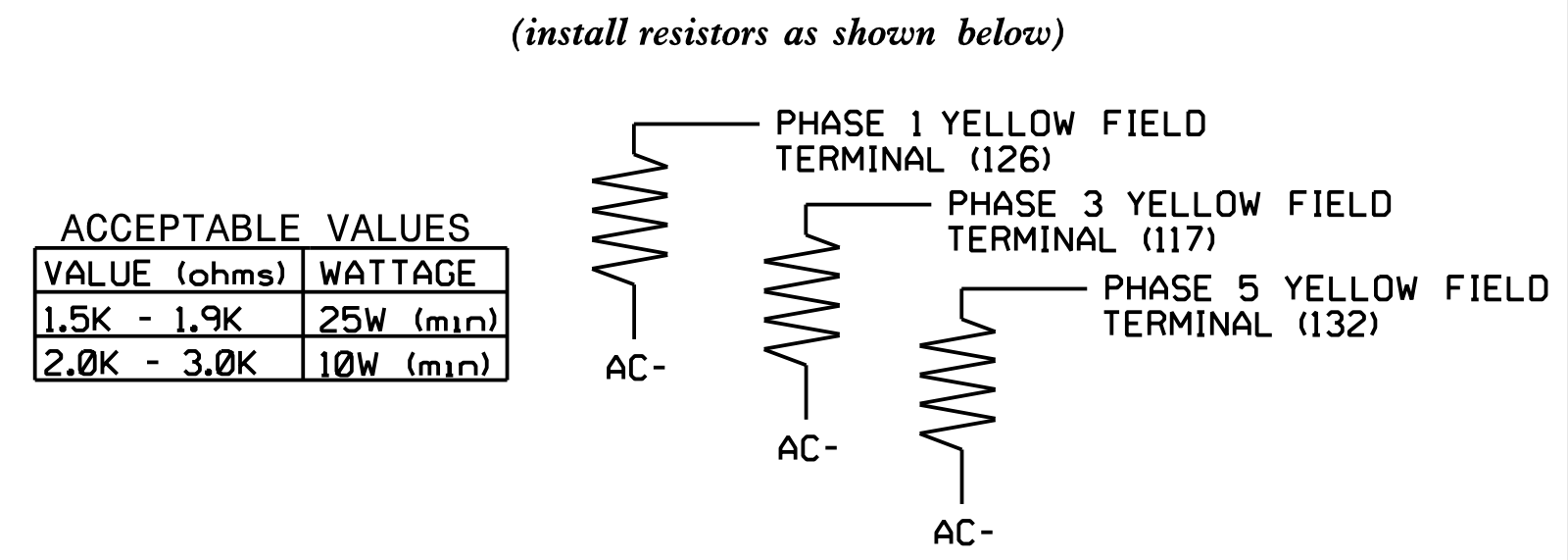


EX.: 1A, 2A, ETC. = LOOP NO.'S
FS = FLASH SENSE
ST = STOP TIME
Wired Input - Do not populate slot with detector card

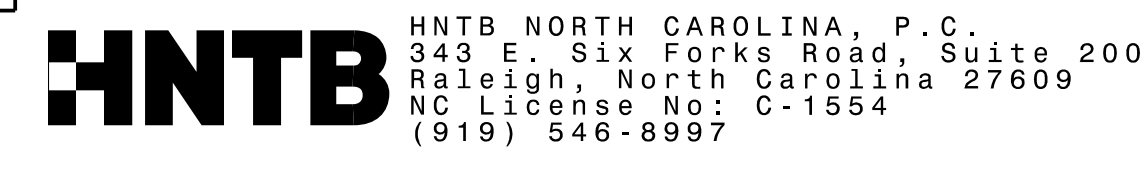
INPUT FILE CONNECTION & PROGRAMMING CHART

Table with columns: LOOP NO., LOOP TERMINAL, INPUT FILE POS., PIN NO., INPUT ASSIGNMENT NO., DETECTOR NO., NEMA PHASE, CALL, EXTEND, FULL TIME DELAY, STRETCH TIME, DELAY TIME. Includes a note about installing DC isolators in input file slots 112 and 113.

LOAD RESISTOR INSTALLATION DETAIL



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0369
DESIGNED: February 2018
SEALED: 8-1-18
REVISED: N/A



Electrical Detail - Sheet 1 of 9
Signal Upgrade
Final Design
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
Includes a table for revisions and a signature block for A.H. Thornburg and N.R. Simmons.