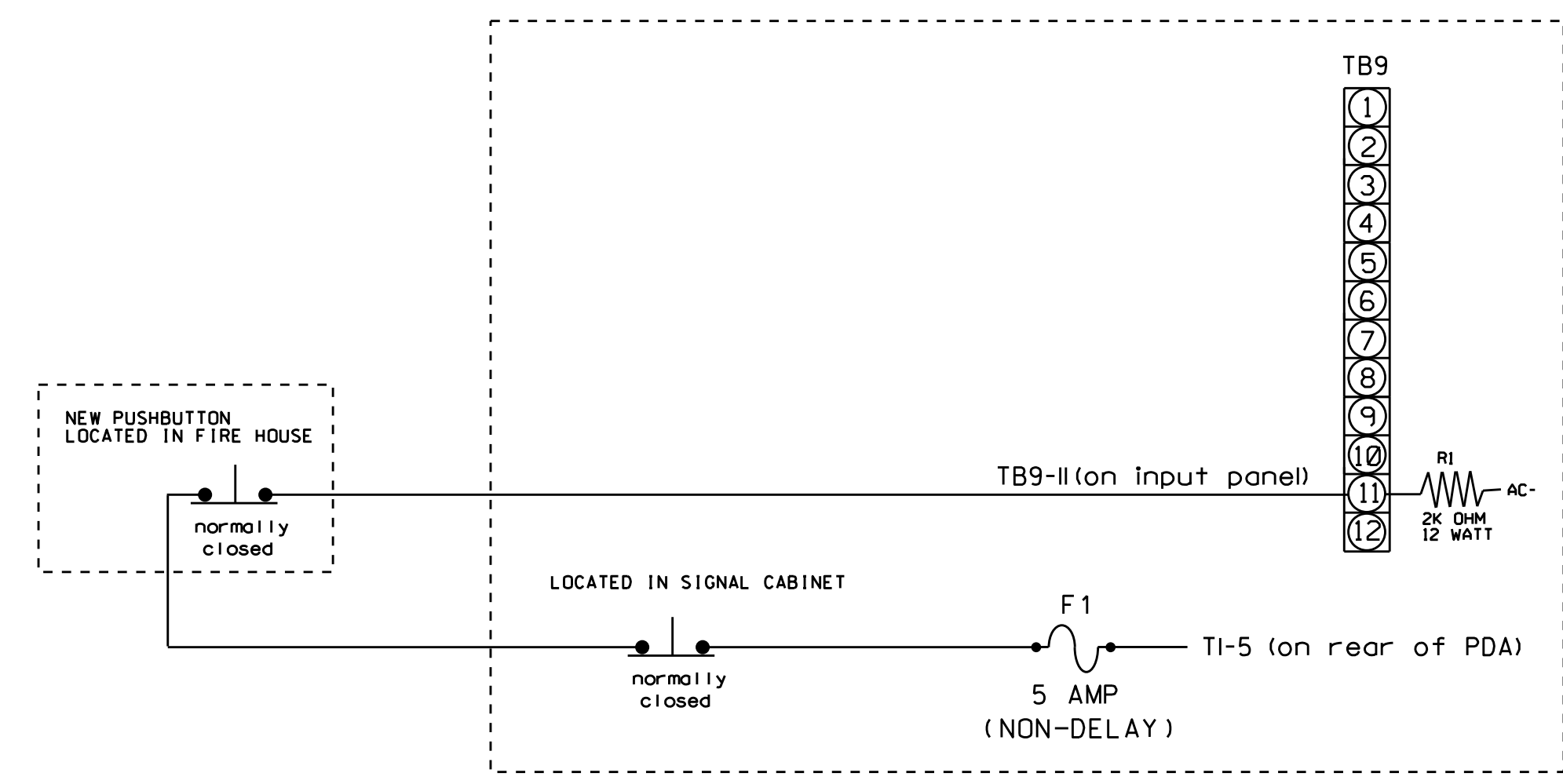


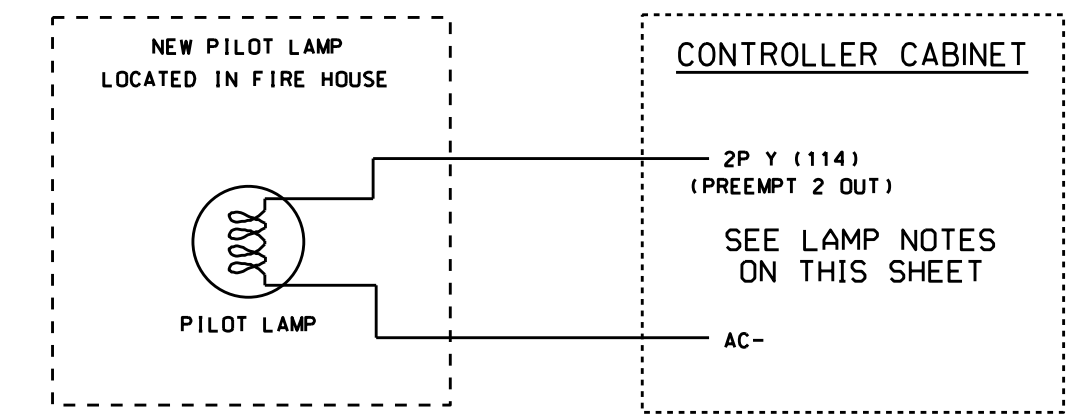
### EMERGENCY VEH. PREEMPTION PUSHBUTTON AND INDICATOR LAMP WIRING DETAIL

(wire push-button and lamp as shown below)



#### IMPORTANT!

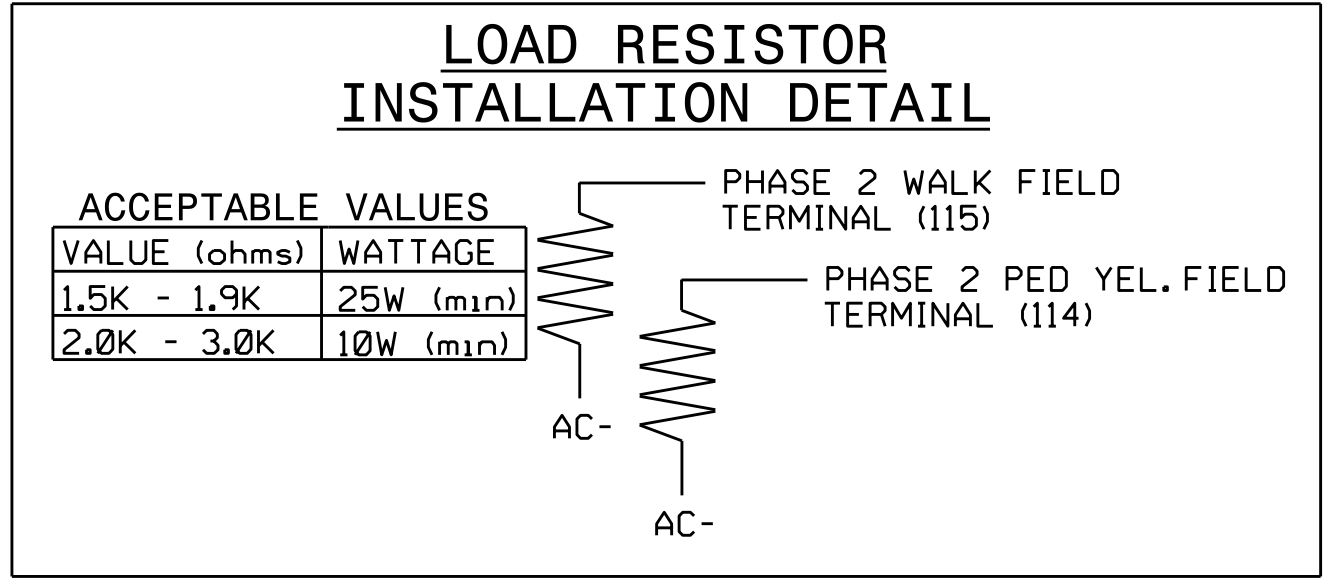
1. MAKE SURE AC ISOLATOR INSERTED IN SLOT J14L IS SET FOR INVERTED INPUT.
2. TERMINAL TB9-12B (ON INPUT PANEL) SHALL BE CONNECTED TO AC NEUTRAL (JUMPER MAY NEED TO BE ADDED).



#### LAMP NOTES

IN ORDER FOR THE PILOT LAMP IN THE FIRE HOUSE TO FUNCTION, MAKE THE FOLLOWING PROGRAMMING CHANGES TO OUTPUT NO. 33.

1. CHANGE THE FUNCTION OF C1 PIN 35 TO BE AN OUTPUT FOR PREEMPT 2. THIS IS ACCOMPLISHED BY THE FOLLOWING:
  - A) FROM MAIN MENU SELECT 6 (OUTPUTS), THEN SELECT 1 (OUTPUT ASSIGNMENTS).
  - B) SCROLL TO C1 PIN 35, OUTPUT NO. 33. YOU WILL SEE THAT IT IS NOT ENABLED.
  - C) SCROLL DOWN TO PREEMPT AND INPUT 'YES'. YOU WILL THEN BE ASKED FOR A PREEMPT NO. ENTER A '2' HERE.
  - D) THE OUTPUT IS NOW ASSIGNED FOR PRE-2 OUTPUT.
2. IF TERMINAL 114 HAS A CONFLICT MONITOR WIRE CONNECTED, REMOVE, TAPE AND LABEL WIRE.
3. MAKE SURE LOAD RESISTORS ARE IN PLACE AS SHOWN IN LOAD RESISTOR INSTALLATION DETAIL.
4. INSERT LOADSWITCH FOR S2P.



### EMERGENCY VEHICLE PREEMPTION PROGRAMMING DETAIL

(program controller as shown below)

FROM MAIN MENU PRESS 'A' (PREEMPTION), THEN '1' (STANDARD PREEMPTIONS). PRESS THE "NEXT" KEY TO ADVANCE TO PREEMPT 2.

PREEMPTION #2	INTERVAL/TIMING	SETTINGS (NEXT:1-10)	CLEAR/DWELL PHASES
GRN	YEL	RED	12345678910111213141516
1	255	4.7 2.1	X X
2	0	0.0 0.0	
3	0	0.0 0.0	
4	0	0.0 0.0	
5	1	0.0 0.0	X X

EXIT CALLS	OPTIONS
PRIORITY (Y/N TO SELECT)	.....MED
DELAY TIMER (0-255 SEC)	.....0
MIN GREEN BEFORE PRE (0= DEFAULT)	...1
PED CLEAR BEFORE PRE (0= DEFAULT)	...0
YELLOW CLEAR BEFORE PRE (0= DEFAULT)	...0.0
RED CLEAR BEFORE PRE (0= DEFAULT)	...0.0
DWELL MIN TIMER (0-255 SEC)	.....*
DWELL MAX TIMER (0=OFF,1-255MIN)	...0
DWELL HOLD-OVER TIMER (0-255)	.....0
LATCH CALL?	.....Y
LINK TO NEXT PREEMPT?	.....N
ENABLE BACKUP PROTECTION?	.....Y
HOLD CLEAR 1 PHASES DURING DELAY?	...N
FAST GREEN FLASH DWELL PHASES?	.....N
PED CLEARANCE THROUGH YELLOW?	.....N
INHIBIT OVERLAP GREEN EXTENSION?	...N
SERVICE DURING SOFTWARE FLASH?	.....N
REST IN RED DURING DWELL INTERVAL?	...N
FLASH DWELL INTERVAL?	.....N
ALLOW PEDS IN DWELL INTERVAL?	.....N
RE-TIME DWELL INTERVAL?	.....Y
OVERLAPS:	..... ABCDEFGHIJKLMNOP
DWELL INT FLASH YELLOW	..... X X
OMIT OVERLAPS:	..... X X

\* DENOTES TIMING TO BE DETERMINED IN FIELD.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 12-1717  
 DESIGNED: January 2018  
 SEALED: 2/27/2018  
 REVISED:

Electrical Detail - Sheet 2 of 3

ELECTRICAL AND PROGRAMMING DETAILS FOR:  Prepared In the Offices of:  750 N. Greenfield Pkwy, Garner, NC 27529	NC 115 (Mecklenburg Hwy.) at SR 1102 (Langtree Rd.)/ SR 2948 (Hobbs Lane)	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED  SEAL  SEAL 031001 ENGINEER TODD JOYCE
	Division 12 Iredell County Mooresville PLAN DATE: February 2018 REVIEWED BY: T. Joyce PREPARED BY: C. Strickland REVIEWED BY:	

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