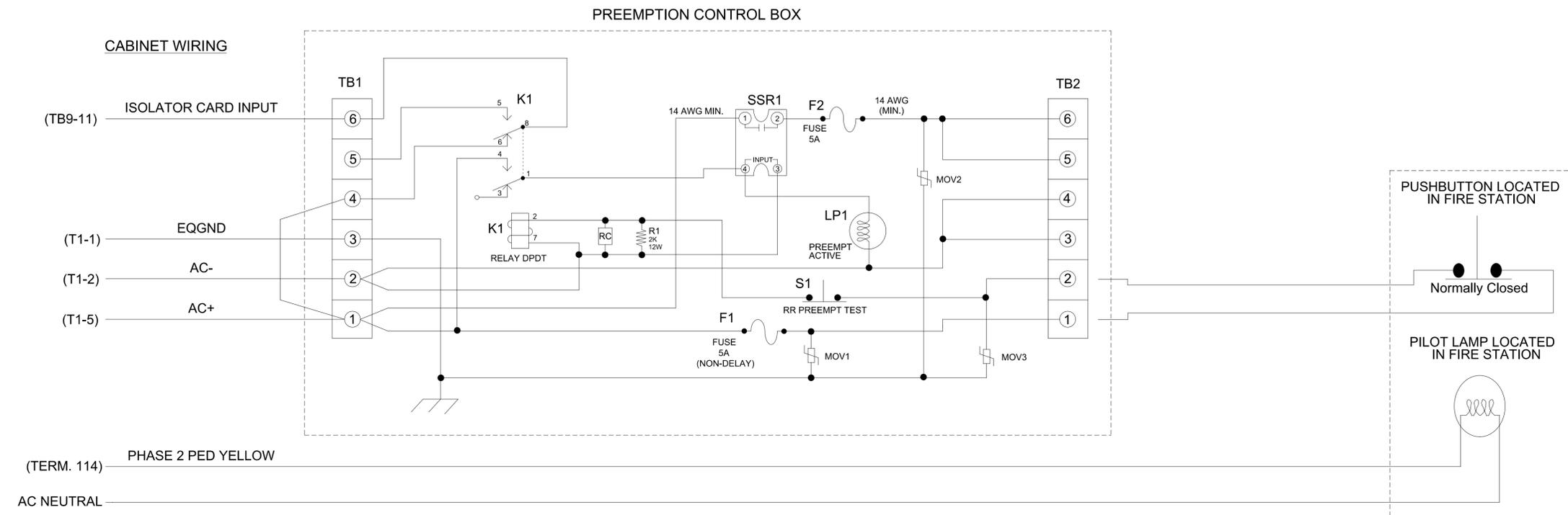


EMERGENCY VEHICLE PREEMPTION WIRING DETAIL

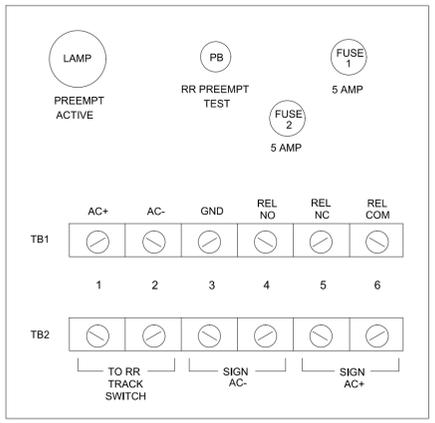
(wire as shown below)



NOTES

- Relay K1 is shown in the energized (Preempt not active) normal operation state.
- Relay K1 is a DPDT with 120VAC coil with octal base.
- Relay SSR1 is a SPST (normally open) Solid State Relay with AC input and AC (25 amp) output.
- AC Isolator Card shall activate preemption upon removal of AC+ from the input (as shown above). To accomplish this set invert dip switch on AC Isolator Card.
- IMPORTANT!!** A jumper must be added between input file terminals J14-E and J14-K if not already present. Also, terminal TB9-12 (on input panel) shall be connected to AC neutral (jumper may have to be added).

FRONT VIEW



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 04-1471
 DESIGNED: April 2025
 SEALED: 04/24/25
 REVISED: N/A



Electrical Detail - Sheet 3 of 3 - Final Design

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared in the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

SR 1700 (Covered Bridge Road) at Archer Lodge Fire Department	
Divison 4	Johnston County Archer Lodge
PLAN DATE: April 2025	REVIEWED BY: M.L. Stygles
PREPARED BY: L. Gottlieb	REVIEWED BY: J. Ma
REVISIONS	INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

Signed by: *Matthew L. Stygles* 4/24/2025
 DATE
 304861E8465740C
 DATE
 SIG. INVENTORY NO. 04-1471

4/24/2025 04xxx2_sm.ea.20240725.dgn mstygles