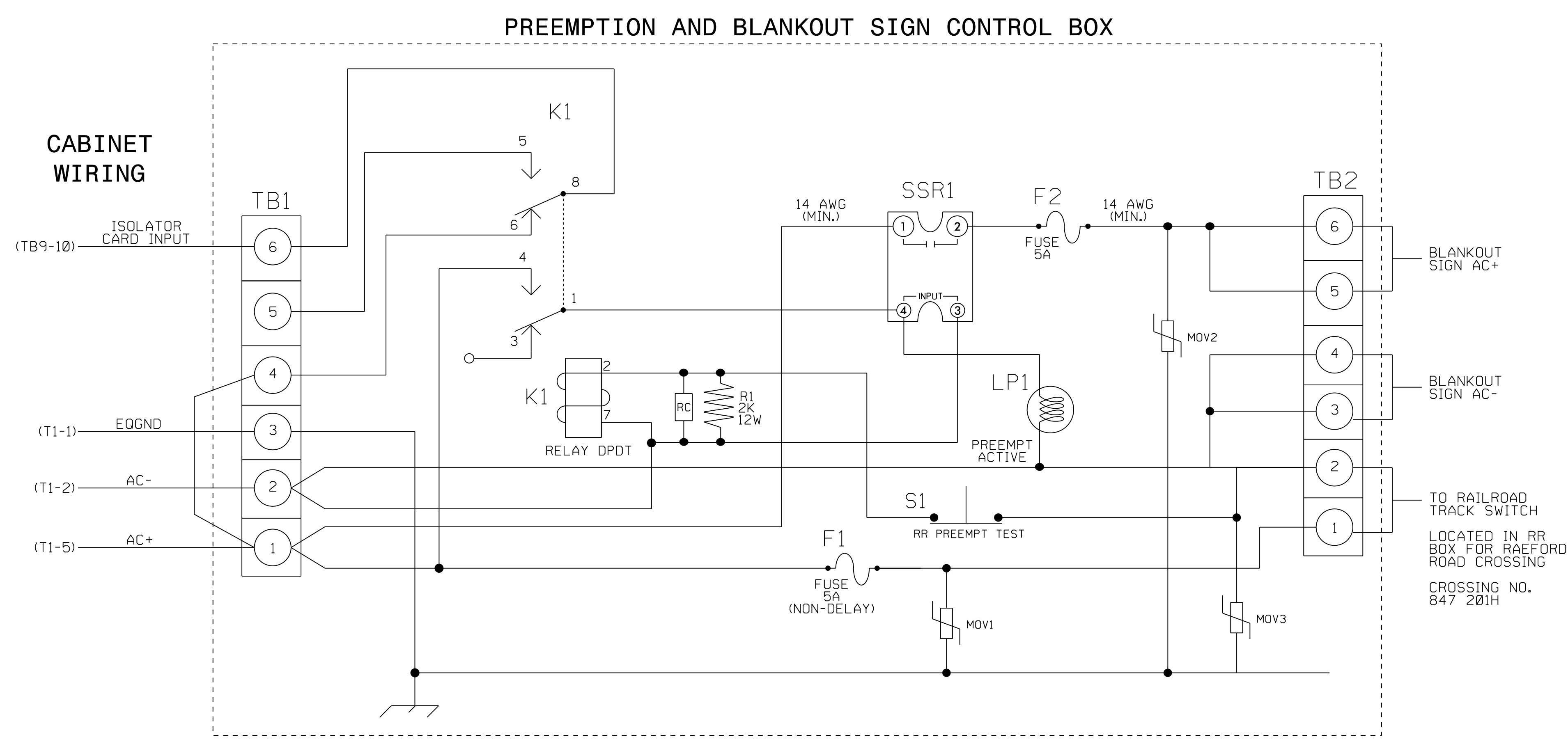


RAILROAD PREEMPTION WIRING DETAIL FOR RR1 (LINKED RR PREEMPTS 1 & 2)

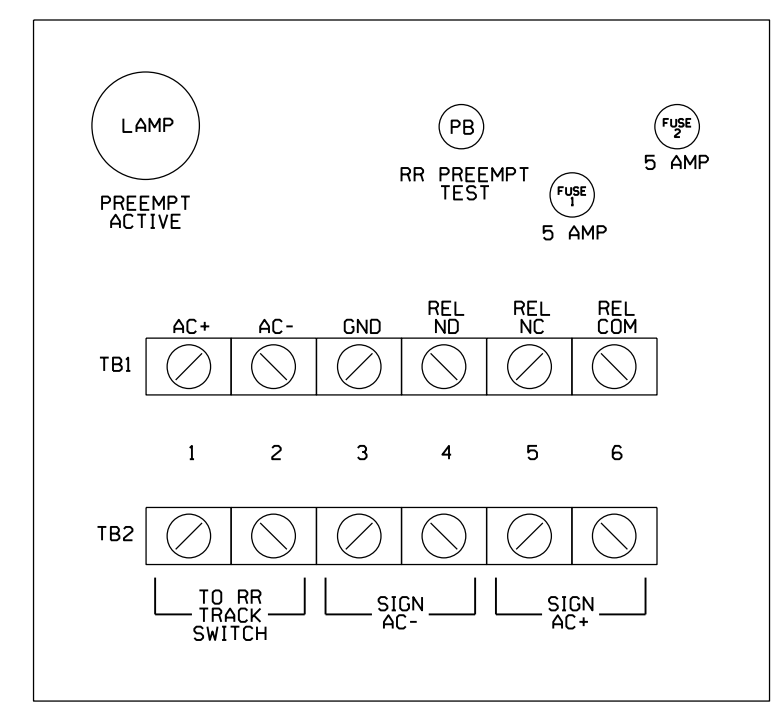
(wire as shown below)



NOTES

1. Relay K1 is shown in the energized (Preempt not active) normal operation state.
2. Relay K1 is a DPDT with 120VAC coil with octal base.
3. Relay SSR1 is a SPST (normally open) Solid State Relay with AC input and AC (25 amp) output.
4. 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. See AC Isolator Output Programming Detail on Sheet 6.
5. IMPORTANT! A jumper must be added between input file terminals J4-E and J4-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: 06-0054
DESIGNED: March 2018
SEALED: 03-29-2018
REVISED: N/A

Final Design
Electrical Detail - Sheet 2 of 6

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ELECTRICAL AND PROGRAMMING
DETAILS FOR:

Prepared in the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

US 401 Business (Raeford Road)
at
McPherson Church Road/
Owen Drive

Division 6 Cumberland County Fayetteville

| | |
|------------------------|----------------------|
| PLAN DATE: March 2018 | REVIEWED BY: L Overn |
| PREPARED BY: G B Spell | REVIEWED BY: |
| REVISIONS | INIT. DATE |
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DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

SEAL

LAWRENCE E. OVERN
ENGINEER
045933
3/29/2018

SIG. INVENTORY NO. 06-0054

DATE: 03/29/2018 10:45:11 AM User: rfmancey