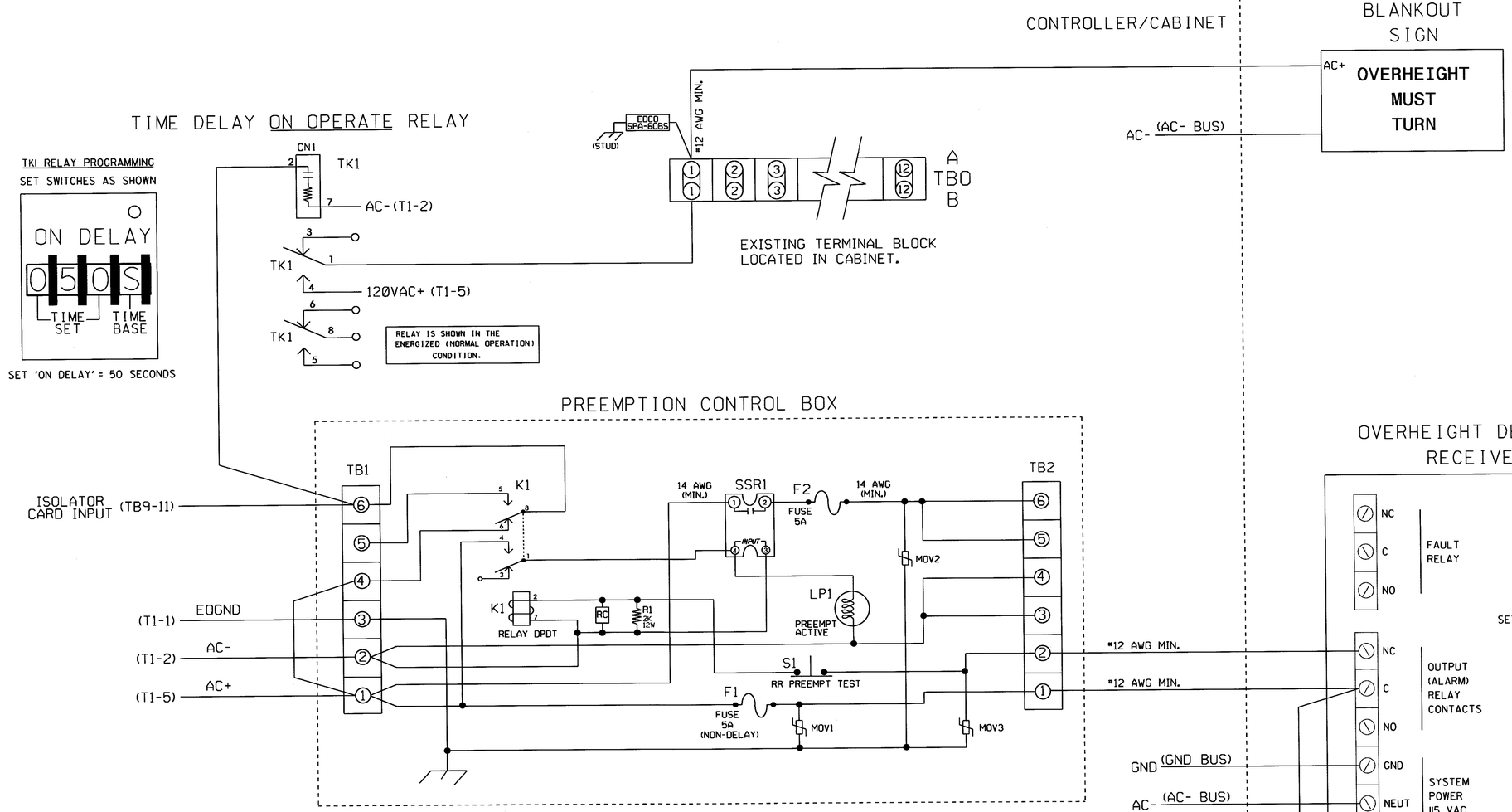
PROJECT REFERENCE NO.	SHEET NO.
SS-4905BT	Sig. 3

OVERHEIGHT DETECTION WIRING DETAIL

(wire as shown below)



MIN WALK DURING PREEMPTION PROGRAMMING

To disable MIN WALK pedestrian timing during preemption, program the controller as follows:

Main Menu - 9) UTILITIES
5) CONFIGURATION
EXTRA TWO = 3

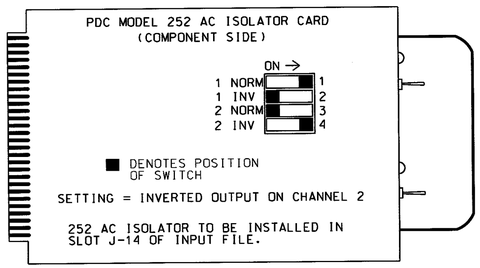
PHASE SEQUENCE PROGRAMMING

Implement Lag Free Phases as follows:

Main Menu - 9) UTILITIES
5) CONFIGURATION
Permit = 2,4,7,8
Lag Free = 2,4,6,7

EVA AC ISOLATOR (MODEL 252) OUTPUT PROGRAMMING DETAIL

(set DIP switches as shown below)



NOTE: IF ANOTHER MANUFACTURER TYPE OF AC ISOLATOR IS USED, OUTPUT PROGRAMMING IS LIKELY NOT TO EQUATE TO THAT SHOWN ABOVE.

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.
5. 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).

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 05-0998
DESIGNED: December 2013
SEALED: 5/1/14
REVISED: N/A

Electrical Detail - Sheet 2 of 2

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared in the Offices of: Transportation Mobility and Safety Division, Signals Management Section, 750 N.Greenfield Pkwy, Garner, NC 27529

US 15-501 Business NB
(S. Roxboro Street)
at
Pettigrew Street

Division 5 | Durham County | Durham

PLAN DATE: April 2014 | REVIEWED BY: T.J.G.
PREPARED BY: B. Simmons | REVIEWED BY:

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 022013 ENGINEER GEORGE C. BROWN

George C. Brown 5/6/14
SIGNATURE DATE

SIG. INVENTORY NO. 05-0998

01-MAY-2014 13:52
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Simmons