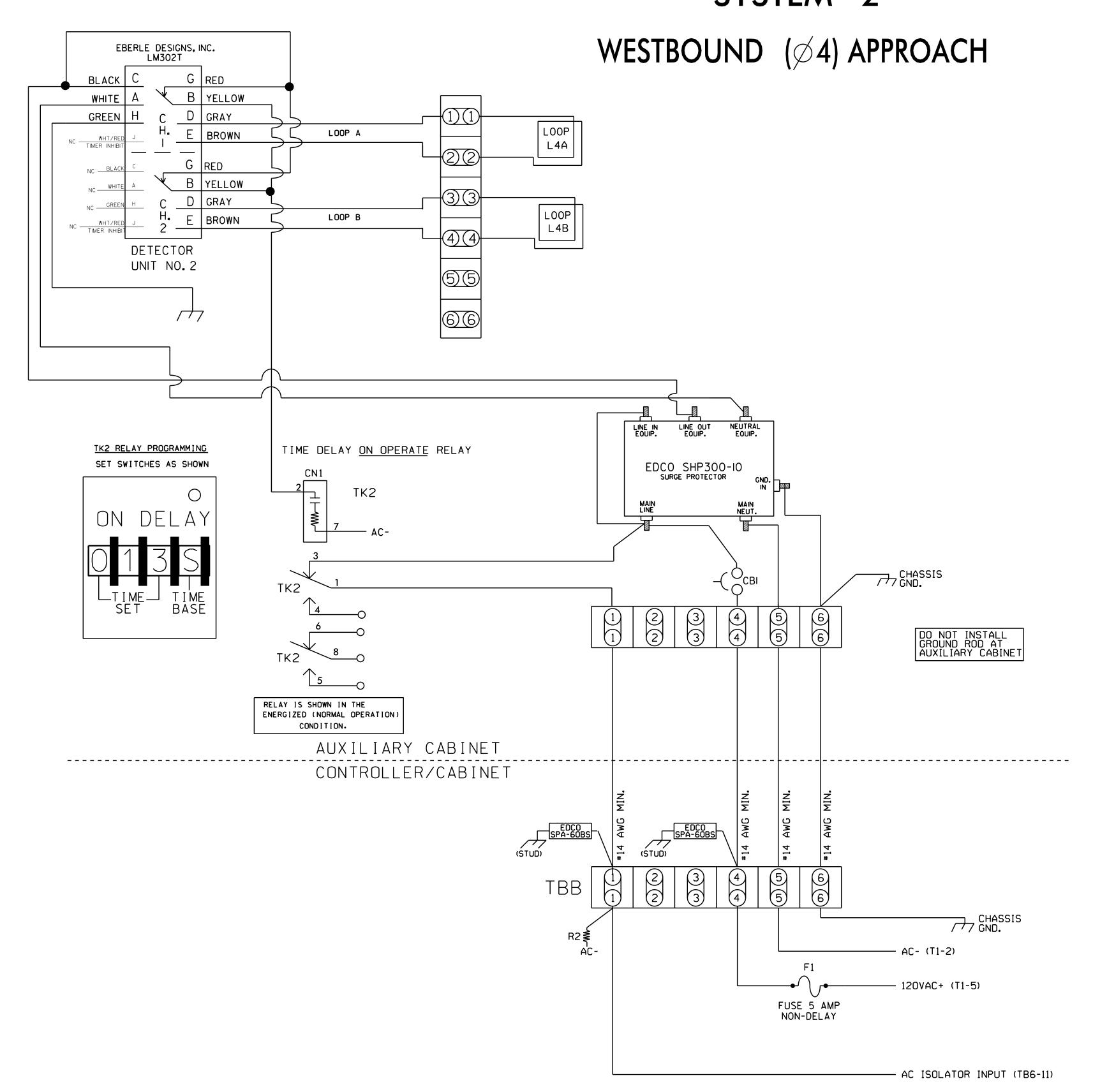
LONG VEHICLE DETECTION SYSTEM (wire as shown) SYSTEM 2



NOTES

- 1. ALL LOOP LEAD-INS SHALL BE TWISTED.
- 2. LOOP SPACING IS CRITICAL TO THE PROPER OPERATION OF THIS LONG VEHICLE DETECTION SYSTEM. CONSULT SIGNAL DESIGN PLANS FOR LOOP SPACING.
- 3. LONG VEHICLE SYSTEM SHALL BE HOUSED IN AN AUXILIARY CABINET ADJACENT TO LONG VEHICLE DETECTION LOOPS.
- 4. DETECTOR UNIT IS A NEMA TS1 STANDARD 2 CHANNEL INDUCTIVE LOOP DETECTOR UNIT. DOT MATERIAL NO. 617031530.
- 5. TERMINAL STRIPS TO BE ADDED BY INSTALLER.
- 6. RESISTOR IS A 2K OHM, 12 WATT. DOT MATERIAL NO. 625011550.
- 7. EDCO SPA-60BS IS A SURGE PROTECTOR FOR 120VAC INTERCONNECT CIRCUITS. DOT MATERIAL NO. 625022076.
- 8. RELAY TK2 IS AN ON DELAY, TIME DELAY RELAY WITH DIGITAL TIMING ADJUSTMENT, 120VAC COIL, 10 AMP CONTACTS.
 POTTER AND BRUMFIELD PART NO. CN1.
- 9. EDCO SHP300-10 IS AN AC SERVICE SURGE PROTECTOR. DOT MATERIAL NO. 625022075.
- 10. CB1 IS A 15 AMP CIRCUIT BREAKER.
- 11. IMPORTANT! A JUMPER MUST BE INSTALLED BETWEEN INPUT FILE TERMINALS 19-E AND 19-K IF NOT ALREADY PRESENT.
- 12. IMPORTANT! FOR PROPER OPERATION OF THE LONG VEHICLE DETECTION UNIT, REMOVE SURGE PROTECTION FROM TERMINALS TB6-9, TB6-10, TB6-11 AND TB6-12. TIE TB6-12 TO AC NEUTRAL.
- 13. IMPORTANT! MAKE SURE AC ISOLATOR CARD INSERTED AT INPUT FILE POSITION 19 IS SET FOR INVERTED OPERATION.
- 14. SET DETECTORS TO "LONG PRESENCE" MODE.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 03-0159
DESIGNED: March 2017
SEALED: 05-04-17
REVISED: N/A

