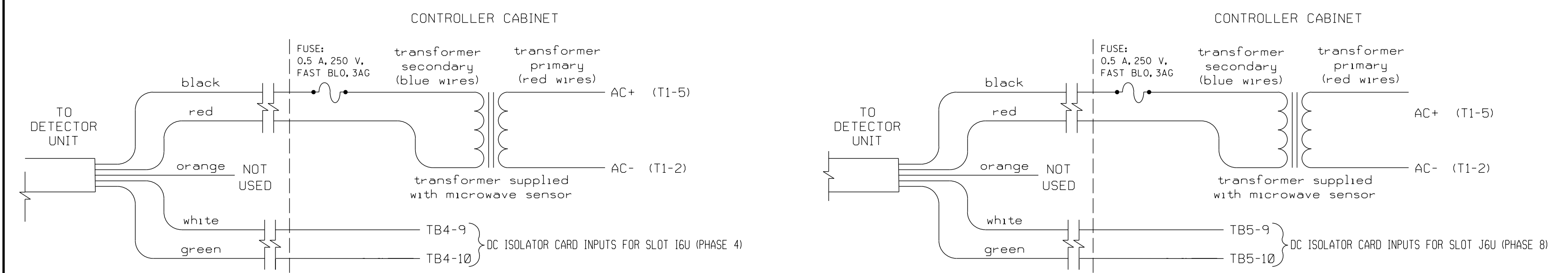


### MICROWAVE DETECTOR WIRING DETAIL

(wire as shown)



IC26B WIRE LIST

COLOR	FUNCTION
black	12V to 24V AC/DC (no polarity)
red	12V to 24V AC/DC (no polarity)
orange	Output Relay Normally Open
white	Output Relay Normally Closed
green	Output Relay Common

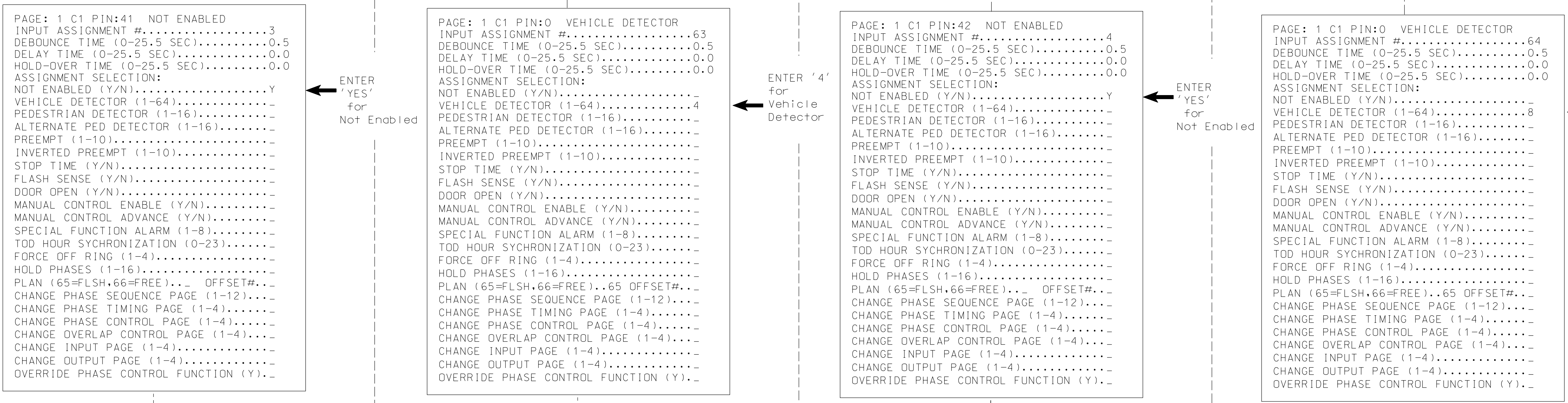
NOTES:

- Sensor is a Microwave Sensors, Inc. Model TC-26B microwave motion detector mounted on poles as indicated on the Signal Design Plans.
- Microwave wiring shown above will cause a permanent call unless the Input Assignment Programming and Logical I/O Processor Programming details are entered as shown on this sheet. These programming details will cause a call to be placed upon opening the Normally Closed contact on TC26B.
- DC Isolator's LED will be ON when no call is present and will be OFF when a call is present.
- Important: For proper operation of the microwave detectors, remove surge protection from TB4-9, TB4-10, TB4-11, and TB4-12 and insert 242 DC Isolator in slot I6 for phase 4. Remove surge protection from TB5-9, TB5-10, TB5-11, and TB5-12 and insert 242 DC Isolator in slot J6 for phase 8.

### INPUT ASSIGNMENT PROGRAMMING DETAIL FOR MICROWAVE DETECTOR INPUT

(program controller as shown below)

FROM MAIN MENU PRESS '5' (INPUTS), THEN '+' UNTIL INPUT 3 (PIN 41) IS REACHED. MODIFY DEFAULT CONDITIONS AS INDICATED BY ARROWS.



NOTE: This remapping removes the default detector from the microwave's physical input and reassigns it to unused INPUT 63. The Logical I/O Processor Programming Detail on this sheet will invert the disabled input and control INPUT 63 and the reassigned detector.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: HP0501  
 DESIGNED: April 2014  
 SEALED: June 5, 2015  
 REVISED:

**ATKINS** 1616 EAST MILLBROOK ROAD, SUITE 310  
 RALEIGH, NORTH CAROLINA 27609  
 (919) 876-6888 NCBEES #F-0326

Signal Upgrade - SHEET 2 OF 3

ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared In the Offices of: 	<b>Centennial Street at Commerce Avenue</b>		SEAL 
	Division 07 Guilford County High Point		
PLAN DATE: April 2014 PREPARED BY: MB Toth	REVIEWED BY: LM Moon REVIEWED BY: MB Toth		
REVISIONS INIT. DATE			
Digitally signed by: <i>Melissa B. Toth</i> 6/5/2015 SIGNATURE DATE			SIG. INVENTORY NO. HP0501

05-JUN-2015 15:15  
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