

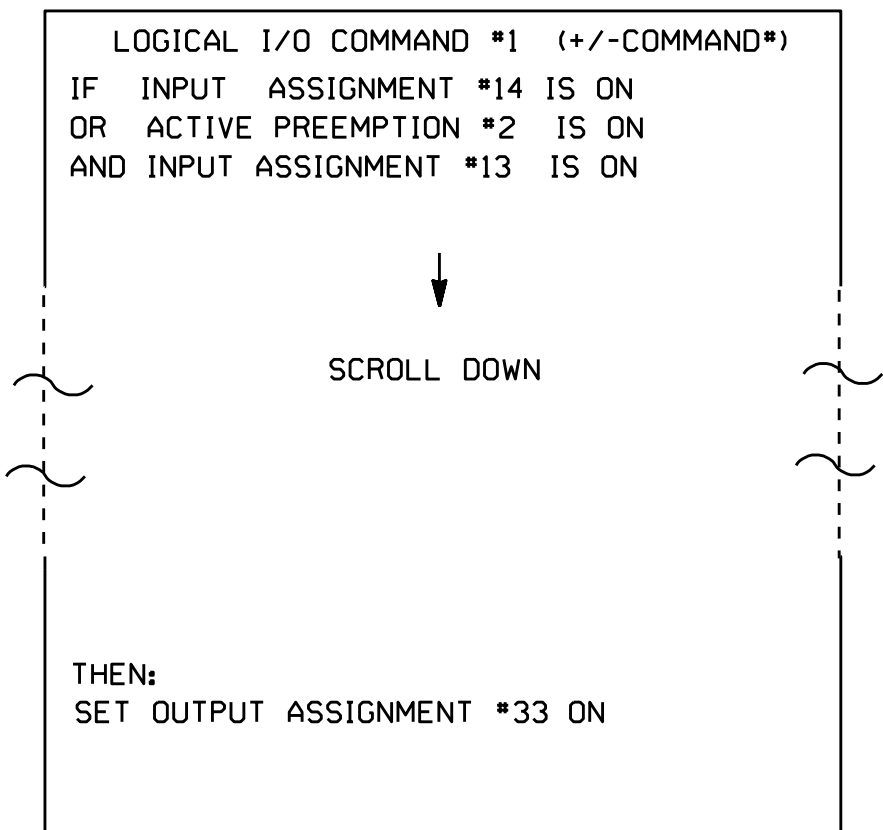
## FIREHOUSE INDICATOR LAMP LOGICAL I/O PROCESSOR PROGRAMMING DETAIL

### NOTE

When preempt delay time is used, Step 1 below is necessary to ensure the pilot lamp in the fire house will activate immediately after the push button is depressed:

#### STEP 1

From Main Menu: Press '6' (Outputs), then select '3' (Logical I/O Processor).

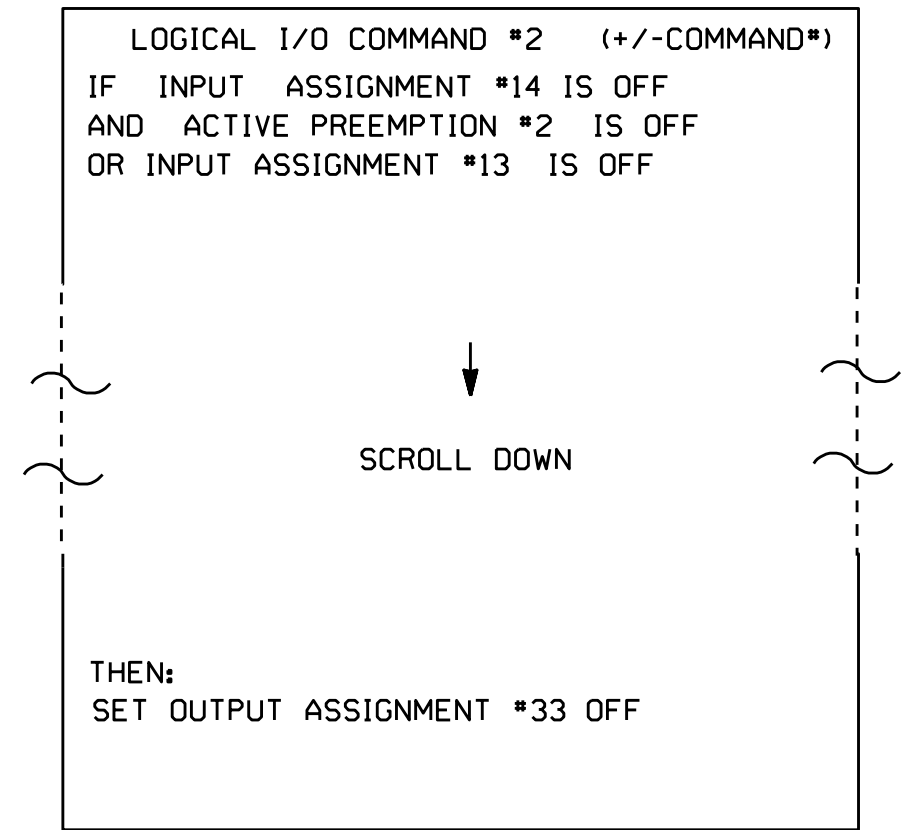


#### STEP 2

### NOTE

In order for pilot lamp in fire house to deactivate immediately after ending preemption, program the following:

Toggle the '+' button once to access Logical I/O Command #2.



#### STEP 3

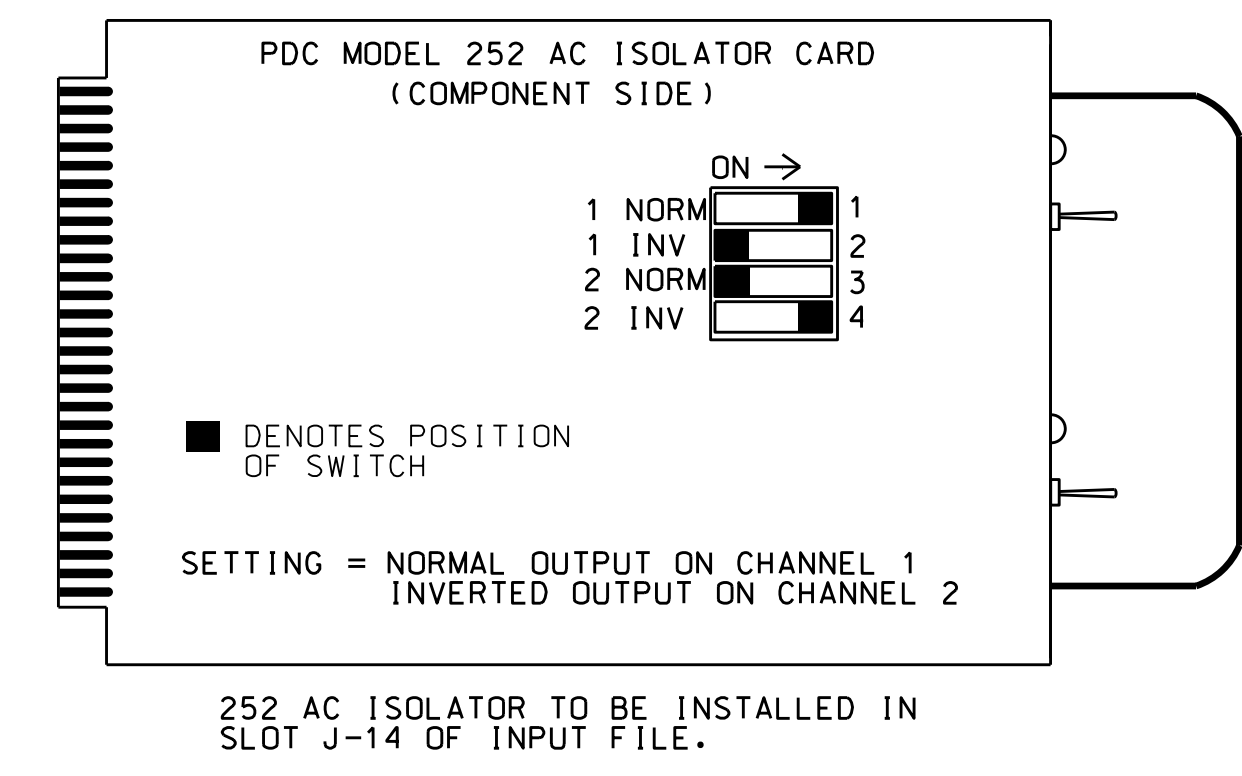
From Main Menu press '2' (Phase Control), then '1' (Phase Control Functions). Scroll to the bottom of the menu and enable logical processor (Act Logic 1-16) by flagging #1 and #2.

END OF PROGRAM.

I/O REFERENCE SCHEDULE
INPUT 13 = SPECIAL FUNCTION 1
INPUT 14 = PREEMPT 2 IN
OUTPUT 33 = PHASE 2 PED YELLOW

## FIRE PREEMPT AC ISOLATOR (MODEL 252) OUTPUT PROGRAMMING DETAIL

(set DIP switches as shown below)



## INPUT ASSIGNMENT PROGRAMMING DETAIL

(program controller as shown below)

FROM MAIN MENU PRESS '5' (INPUTS), THEN '+' UNTIL PIN 51 (INPUT 13) IS REACHED.

PROGRAM INPUT 13 AS SPECIAL FUNCTION ALARM "1" AS SHOWN BELOW:

```

PAGE: 1 C1 PIN:51 SPECIAL FUNCTION
INPUT ASSIGNMENT #.....13
DEBOUNCE TIME (0-25.5 SEC).....0.5
DELAY TIME (0-25.5 SEC).....0.0
HOLD-OVER TIME (0-25.5 SEC).....0.0
ASSIGNMENT SELECTION:
NOT ENABLED (Y/N).....
VEHICLE DETECTOR (1-64).....
PEDESTRIAN DETECTOR (1-16).....
ALTERNATE PED DETECTOR (1-16).....
PREEMPT (1-10).....
INVERTED PREEMPT (1-10).....
STOP TIME (Y/N).....
FLASH SENSE (Y/N).....
DOOR OPEN (Y/N).....
MANUAL CONTROL ENABLE (Y/N).....
MANUAL CONTROL ADVANCE (Y/N).....
SPECIAL FUNCTION ALARM (1-4).....1
TOD HOUR SYNCHRONIZATION (0-23).....
FORCE OFF RING (1-4).....
HOLD PHASES (1-16).....
PLAN (65=FLSH,66=FREE).._ OFFSET#...
CHANGE PHASE SEQUENCE PAGE (1-12)....
CHANGE PHASE TIMING PAGE (1-4).....
CHANGE PHASE CONTROL PAGE (1-4).....
CHANGE OVERLAP CONTROL PAGE (1-4)....
CHANGE INPUT PAGE (1-4).....
CHANGE OUTPUT PAGE (1-4).....
OVERRIDE PHASE CONTROL FUNCTION (Y)...
    
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NOTE: THIS INPUT IS USED FOR PREEMPT CONFIRMATION CIRCUIT AS WELL AS LOGGING PREEMPT EVENT FOR SIGNAL AT 03-1021.

THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 03-0753  
DESIGNED: March 2008  
SEALED: 7/29/2008  
REVISED: 12/22/14  
REVISED2: 7/22/15

Electrical Detail - Sheet 3 of 5

Prepared in the Offices of:  
  
750 Greenfield Pkwy, Garner, NC 27529

US 421 (Carolina Beach Road)  
at  
SR 2501 (Service Road) / Fire Dept.

Division 3 New Hanover County Myrtle Grove

PLAN DATE: March 2008 REVIEWED BY:

PREPARED BY: R. Hinshaw REVIEWED BY:

REVISIONS

NO.	DESCRIPTION	INIT.	DATE
1	REVISED FIRE PREEMPTION PUSH BUTTON AND INDICATOR LAMP WIRING DETAIL. ALSO ADDED AC ISOLATOR DETAIL AND PREEMPT DMIT NOTE. 02/04/2009-MMH	MMH	2/6/09
2	No change to Electrical detail. CES 7/14/15	YCB	7/30/2015

DocuSigned by:  
*George C. Brown* 7/30/2015

REVISION SEAL

Not a certified document as to the Original Document but only as to the Revisions - This document originally issued and sealed by F. Royal Hinshaw, #032117, on 8-12-08. This document is only certified as to the revisions.

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

SIG. INVENTORY NO. 03-0753