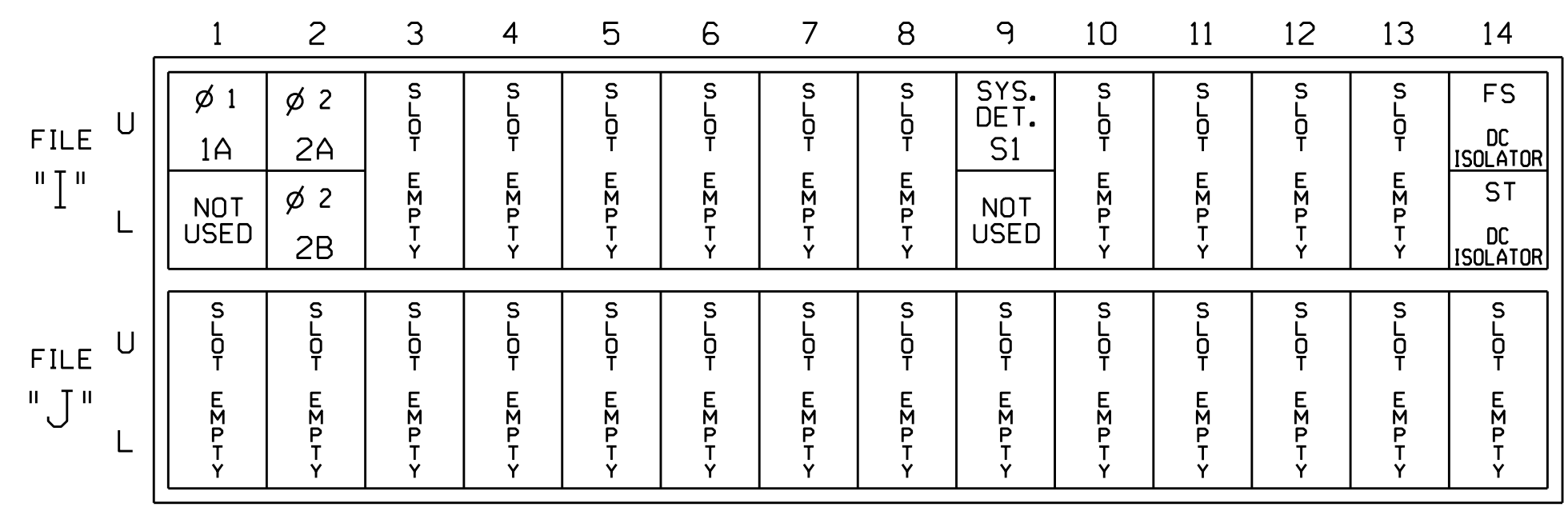


INPUT FILE POSITION LAYOUT
(front view)

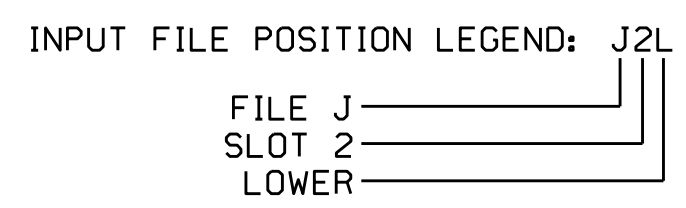


EX.: 1A, 2A, ETC. = LOOP NO.'S
FS = FLASH SENSE
ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
* 1A	TB2-1,2	I1U	56	18	1	1	Y	Y	-	-	15
2A	TB2-5,6	I2U	39	1	2	2	Y	Y	-	-	-
2B	TB2-7,8	I2L	43	5	12	2	Y	Y	-	-	-
** S1	TB6-9,10	I9U	60	22	11	SYS	-	-	-	-	-

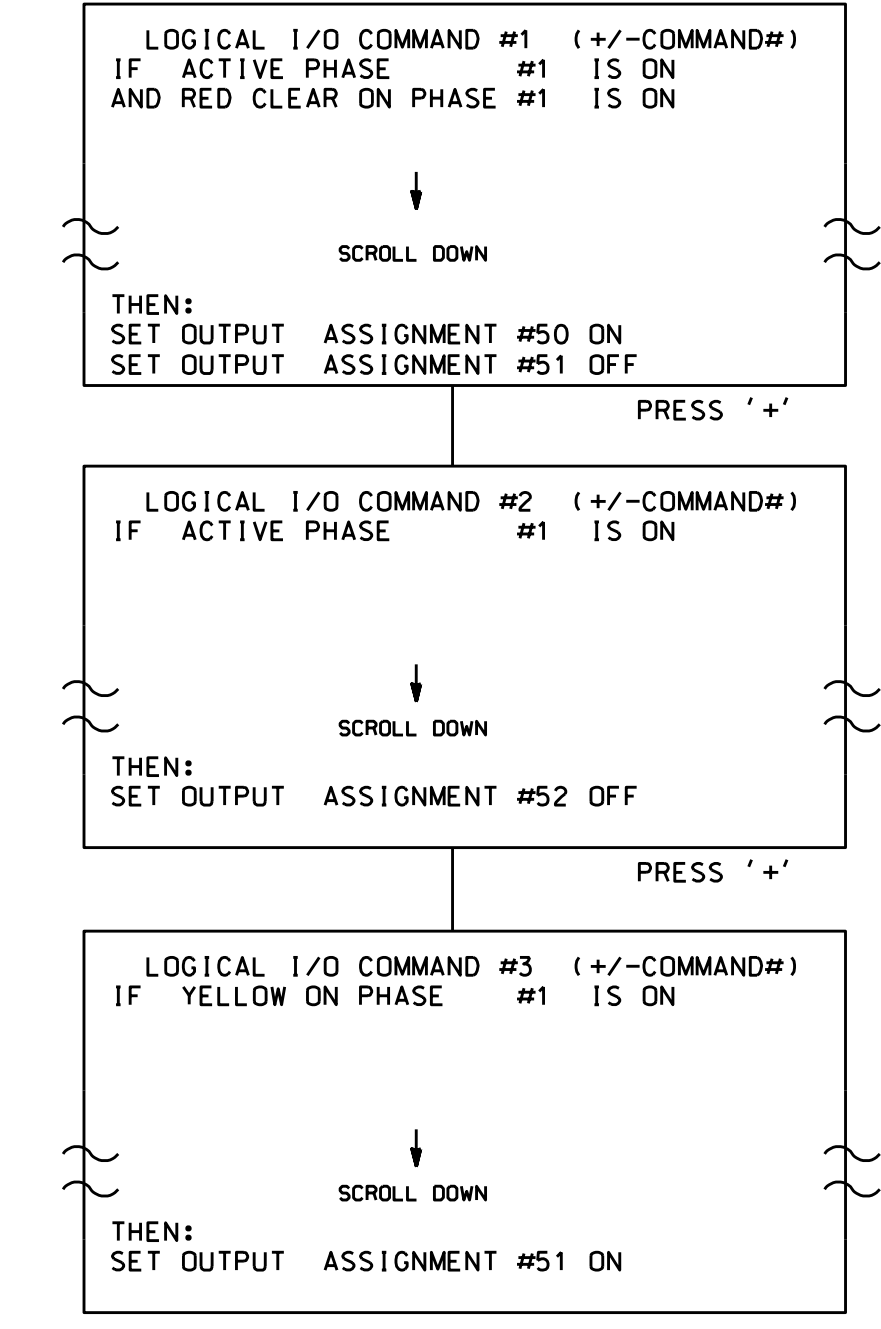
* Disable delay on this loop during Alternate Phase operation (See Sheet 3 of 3).
** System detector only. Remove the vehicle phase assigned to this detector in the default programming.



LOGICAL I/O PROCESSOR PROGRAMMING DETAIL
TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

(program controller as shown below)

- FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN '1' (PHASE CONTROL FUNCTIONS). SCROLL TO THE BOTTOM OF THE MENU AND ENABLE ACT LOGIC COMMANDS 1 THROUGH 3.
- FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).



NOTE: LOGIC FOR PHASE 1 RED CLEAR WHEN TRANSITIONING FROM PHASE 1 TO PHASE 2 (HEADS 11 & 12).
NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 1 (HEADS 11 & 12).
NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 1 (HEADS 11 & 12).

LOGIC I/O PROCESSOR PROGRAMMING COMPLETE

OUTPUT REFERENCE SCHEDULE

OUTPUT 50	= Overlap A Red
OUTPUT 51	= Overlap A Yellow
OUTPUT 52	= Overlap A Green

OVERLAP PROGRAMMING DETAIL
(program controller as shown below)

FROM MAIN MENU PRESS '8' (OVERLAPS), THEN '1' (VEHICLE OVERLAP SETTINGS).

```

PAGE 1: VEHICLE OVERLAP 'A' SETTINGS
PHASE:      12345678910111213141516
VEH OVL PARENTS: :XX
VEH OVL NOT VEH: :
VEH OVL NOT PED: :
VEH OVL GRN EXT: :
STARTUP COLOR:  _ RED  _ YELLOW  _ GREEN
FLASH COLORS:  _ RED  _ YELLOW X GREEN
SELECT VEHICLE OVERLAP OPTIONS: (Y/N)
FLASH YELLOW IN CONTROLLER FLASH?...Y
GREEN EXTENSION (0=255 SEC)...0
YELLOW CLEAR (0=PARENT,3=25.5 SEC)...0.0
RED CLEAR (0=PARENT,0.1=25.5 SEC)...0.0
OUTPUT AS PHASE # (0=NONE, 1=16)...0
    
```

← NOTICE GREEN FLASH

OVERLAP PROGRAMMING COMPLETE

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 03-1014
DESIGNED: February 2008
SEALED: 5/6/2008
REVISED: 7/22/2015

Electrical Detail - Sheet 2 of 3

	ELECTRICIAN AND PROGRAMMING DETAILS FOR: Prepared in the Offices of: 750 Greenfield Pkwy, Garner, NC 27529	US 421 (Carolina Beach Road) at Myrtle Grove South U-Turn Division 3 New Hanover County Myrtle Grove	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 5/6/08. This document is only certified as to the revisions.
	PLAN DATE: February 2008 PREPARED BY: R. Hinshaw REVISIONS: No changes to this electrical plan. (WSA)	REVIEWED BY: DATE: 7/23/2015	SIGNATURE: [Signature] DATE: [Date]

23-JUL-2015 08:59
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