PEEK 3000 BACK-UP PROTECTION PROGRAMMING DETAIL

(program controller as shown below)

1. PROGRAM CONTROLLER TO OMIT PHASE 1 DURING PHASE 2 ON.

2. TO ACCOMPLISH BACKUP FEATURE DESCRIBED IN NOTE 1, GO TO CONTROLLER MENU, SELECT 2: 'PHASE FUNCTION MENU'; THEN SELECT 2: 'DYNAMIC OMITS'. PAGE DOWN TO 'GRP1'; SELECT 'Y' TO ENABLE, THEN SELECT APPROPRIATE PHASES.

FROM THE CONTROLLER SUBMENU:
SELECT [2. PHASE FUNCTIONS] THEN
SELECT [2. DYNAMIC OMITS]

```
DYNAMIC OMIT GRP  1 (1 OF 8) VALUE(YES/NO)
     ENABLE: Y            1 1 1 1 1 1 1
FUNC\PH  1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
OMIT PHS X
IF PH ON   X
   OR
 IF O/L  A B C D E F G H I J K L M N O P
GRN
```
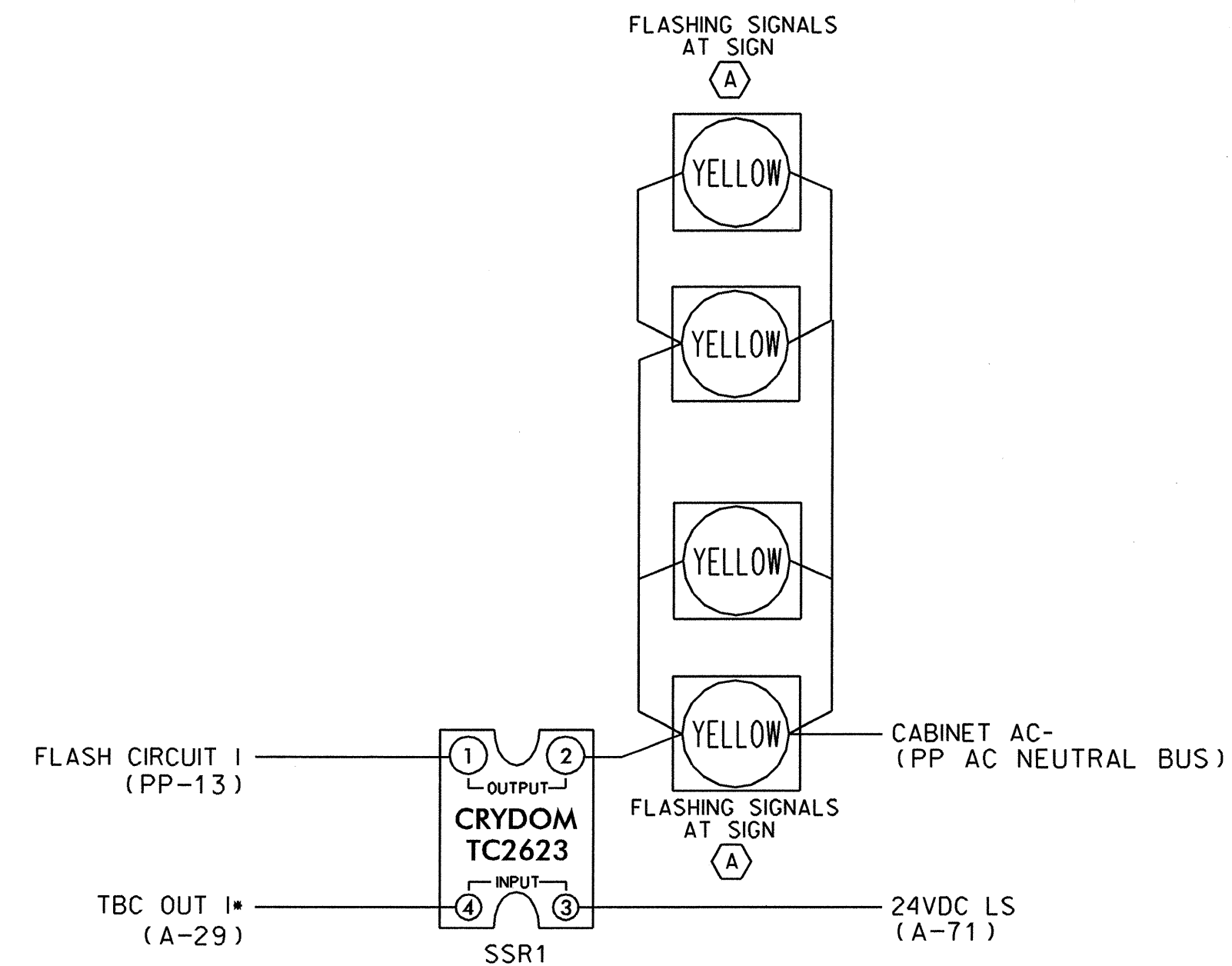
FROM THE CONTROLLER SUBMENU:
SELECT [5. DETECTOR MENU] THEN
SELECT [5. DETECTOR COPY]

```
DETECTOR COPY            VALUE(YES/NO)

         DETECTOR COPY ENABLE: Y
DETECTOR COPY GRP 2 INPUT ENABLE: N

    PGDN FOR COPY PROGRAMMING
```

```
DETECTOR COPY   GRP 1           1 OF 16
ON THE FOLLOWING PHASE GREENS
   COPY DETECTORS FROM PH: 1 TO PH: 4
                     (1-16)     (1-16)
VALUE (YES/NO)             1 1 1 1 1 1 1
PH GRNS 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
           X   X
```

SCHOOL FLASHER WIRING DETAIL

(WIRE AS SHOWN)

FLASHING SIGNALS
AT SIGN
(A)

YELLOW

YELLOW

YELLOW

YELLOW

FLASH CIRCUIT I — (PP-13)
TBC OUT I• — (A-29)

CRYDOM TC2623
OUTPUT / INPUT
SSR1

CABINET AC-
(PP AC NEUTRAL BUS)
FLASHING SIGNALS
AT SIGN
(A)
24VDC LS
(A-71)

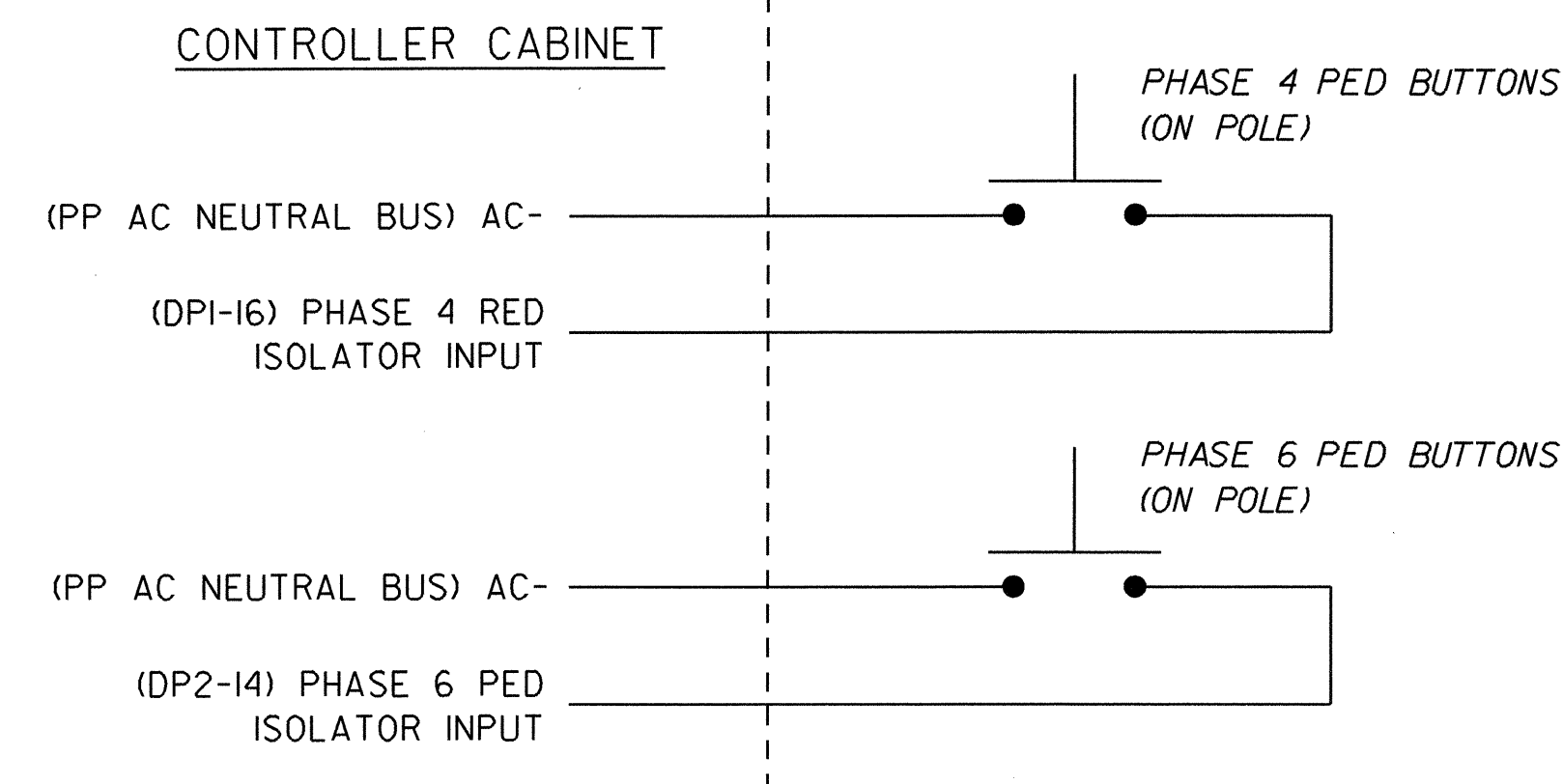• TIME OF DAY OUTPUT - SEE PROGRAMMING DETAIL BELOW

NOTE: RELAY 'SSRI' IS SOLID STATE, CRYDOM
PART #TC2623 SHOWN.
APPROVED EQUIVALENT MAY BE USED.

LOAD SWITCH ASSIGNMENT DETAIL

(program controller according to schedule in chart below)

LOAD SWITCH NUMBER	FUNCTION
1	ϕ1
2	ϕ2
3	ϕ3
4	ϕ4
5	ϕ5
6	ϕ6
7	ϕ7
8	ϕ8
9	OLA
10	OLB
11	OLC
12	OLD
13	ϕ2PED
14	ϕ4PED
15	ϕ6PED
16	ϕ8PED

PEDESTRIAN PUSH-BUTTON WIRING DETAIL

(wire push-buttons as shown below)

CONTROLLER CABINET

PHASE 4 PED BUTTONS
(ON POLE)

(PP AC NEUTRAL BUS) AC-

(DPI-16) PHASE 4 RED
ISOLATOR INPUT

PHASE 6 PED BUTTONS
(ON POLE)

(PP AC NEUTRAL BUS) AC-

(DP2-14) PHASE 6 PED
ISOLATOR INPUT

SCHOOL FLASHER PROGRAMMING DETAIL

PROGRAM THE PEEK 3000 CONTROLLER TIME OF DAY OUTPUT TO ACTIVATE
THE SCHOOL FLASHER RELAY ON THE FOLLOWING SCHEDULE:

WEEKDAYS: ON-7:25 AM   OFF-8:25 AM
WEEKDAYS: ON-2:05 PM   OFF-3:05 PM

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 07-2052
DESIGNED: 03/19/2004
SEALED: 06/15/2004
REVISED:

SIGNAL UPGRADE   PAGE 2 OF 2

PLANS PREPARED BY :
RUMMEL   KLEPPER & KAHL, LLP
consulting engineers
5800 FARINGDON PLACE SUITE 105
RALEIGH, NORTH CAROLINA 27609-3960
FOR
DIVISION OF HIGHWAYS

ELECTRICAL AND PROGRAMMING
DETAILS FOR:
Traffic Engineering and Safety Systems Branch
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
Signals Management Section
122 N. McDowell St., Raleigh, NC 27603

SR 1113 (KIVETT DRIVE)
AT
TRIANGLE LAKE ROAD / DILLON ROAD

DIVISION 07 GUILFORD COUNTY		HIGH POINT
PLAN DATE: MAY 2004	REVIEWED BY: J O DEATON	
PREPARED BY: M W YALCH	REVIEWED BY:	

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
07438
ENGINEER
JAMES O. DEATON

SIG. INVENTORY NO.   07-2052