PROJECT REFERENCE NO.	SHEET NO.
U-5302	Sig. 4.2

SE-PAC2070 CONTROLLER RING CONFIGURATION DETAIL

(program controller as shown below)

NOTE:
BEFORE PROGRAMMING CONTROLLER, BE SURE TO LOAD DEFAULT PARAMETERS.

FROM MAIN MENU PRESS 4 (UNIT DATA)

```
UNIT DATA
 1-STARTUP & MISC.      6-SEQUENCES
 2-REMOTE FLASH         7-PORT 1/ITS DATA
 3-OVERLAP DATA         8-I/O MISC
 4-PEER-TO-PEER         9-OUTPUT MAPPING
 5-RING STRUCTURE       B-BANK SELECTION
                        C-COPY BANK
'+' DENOTES  BANKABLE UNIT DATA   [1]
```

```
RING STRUCTURES PHASE - 1

        RING: 1  NEXT PHASE: 2

      PHASES: 12345678 90123456
  COMPATIBLE: x0000100 00000000

  UP/DOWN TO SCROLL              E-EDIT
```

```
RING STRUCTURES PHASE - 2

        RING: 1  NEXT PHASE: 3

      PHASES: 12345678 90123456
  COMPATIBLE: 0x001100 00000000

  UP/DOWN TO SCROLL              E-EDIT
```

```
RING STRUCTURES PHASE - 3

        RING: 1  NEXT PHASE: 4

      PHASES: 12345678 90123456
  COMPATIBLE: 00x00011 00000000

  UP/DOWN TO SCROLL              E-EDIT
```

```
RING STRUCTURES PHASE - 4

        RING: 1  NEXT PHASE: 1

      PHASES: 12345678 90123456
  COMPATIBLE: 000x0011 00000000

  UP/DOWN TO SCROLL              E-EDIT
```

```
RING STRUCTURES PHASE - 5

        RING: 2  NEXT PHASE: 7

      PHASES: 12345678 90123456
  COMPATIBLE: 0100x000 00000000

  UP/DOWN TO SCROLL              E-EDIT
```

```
RING STRUCTURES PHASE - 6

        RING: 2  NEXT PHASE: 5

      PHASES: 12345678 90123456
  COMPATIBLE: 11000x00 00000000

  UP/DOWN TO SCROLL              E-EDIT
```

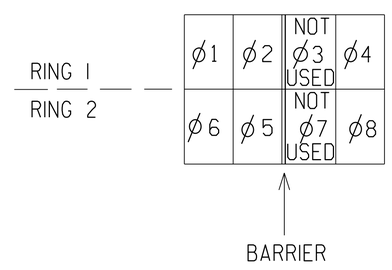
```
RING STRUCTURES PHASE - 7

        RING: 2  NEXT PHASE: 8

      PHASES: 12345678 90123456
  COMPATIBLE: 001100x0 00000000

  UP/DOWN TO SCROLL              E-EDIT
```

```
RING STRUCTURES PHASE - 8

        RING: 2  NEXT PHASE: 6

      PHASES: 12345678 90123456
  COMPATIBLE: 0011000x 00000000

  UP/DOWN TO SCROLL              E-EDIT
```

LOAD SWITCH MAPPING COMPLETE

RING STRUCTURE PICTORIAL

(PHASES 1 & 5 SHALL NOT RUN SIMUTANEOUSLY)



THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-0583T2
DESIGNED: February 2025
SEALED: 03/27/2025
REVISED: N/A

Temporary Design 2 (TMP Phase III)
Electrical Detail - Sheet 2 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared for the Offices of:

Traffic Engineering Mobility and Safety Division
Signals Management Section
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

750 N.Greenfield Pkwy,Garner,NC 27529

US 401 (Fayetteville Road)
at
SR 1006 (Old Stage Road) and
SR 1374 (Farm Road)

Division 5 — Wake County — Raleigh

PLAN DATE: March 2025		REVIEWED BY:	
PREPARED BY: S.Kirkpatrick		REVIEWED BY:	
REVISIONS		INIT.	DATE

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036833 ENGINEER RYAN W. HOUGH

Signed by: Ryan W. Hough
AUTHORIZED SIGNATURE — SIGNATURE — DATE 03/28/2025

SIG. INVENTORY NO. 05-0583T2

21-MAR-2025 15:51
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sgkirkpatrick