PROJECT REFERENCE NO.	SHEET NO.
U-5302	Sig.12.2

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
```

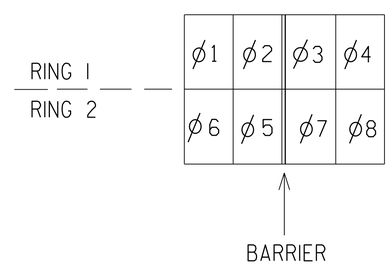
```
RING STRUCTURES PHASE - 7

        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: 05-1174T2
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:
Transportation Mobility and Safety Division
Traffic Engineering Branch
Signals Management Section
750 N.Greenfield Pkwy,Garner,NC 27529

US 401 (Fayetteville Road)
at
Purser Drive and
Pinewinds Drive

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
03/27/2025
ASSISTANT ENGINEER
SIGNATURE DATE
SIG. INVENTORY NO. 05-1174T2

21-MAR-2025 14:46
dm:/OpenPlace/bentley.com/ncdot-pw01/Documents/NCDOT TSMO/Signal Design Section/Division_05/05-1174/Signals Management/05117412_sm_ele_20250327.dgn
sgkirkpatrick