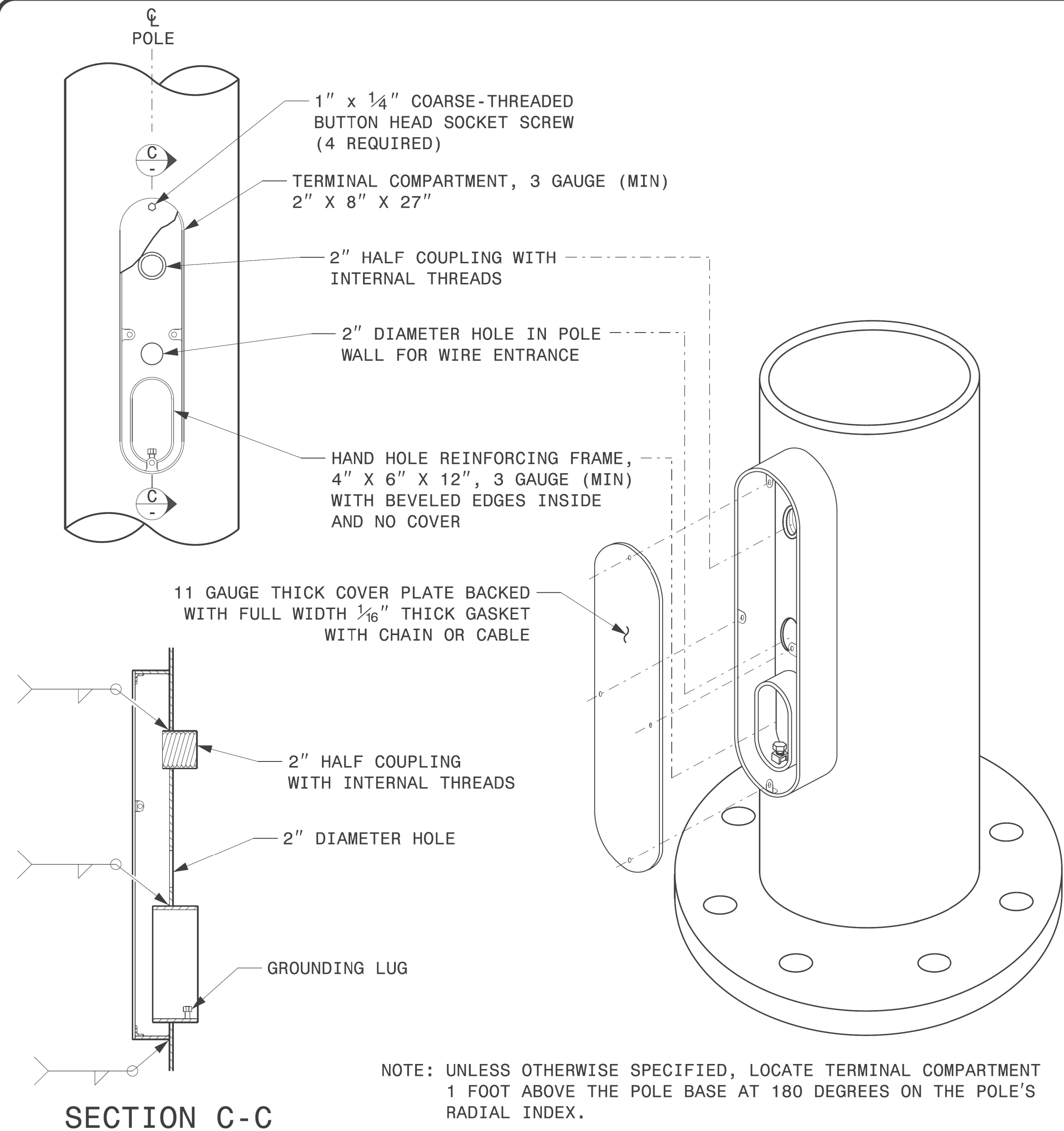


03-DOT-2023 12-24  
S:\ITS&S\115 Signal&S\Drawings\2024 Metal Pole Std Drawings for LRFD\2024 Sig-M2 Std. Fabrication Details-All Poles.dgn  
Keduri-1000



SECTION C-C

TERMINAL COMPARTMENT DETAIL

|                           |                        |
|---------------------------|------------------------|
| MFG _____                 | MFG. DATE: MM/YY _____ |
| SHAFT D/T/L/Y _____       | _____                  |
| ARM-A D/T/L/Y _____       | _____                  |
| ARM-B D/T/L/Y _____       | _____                  |
| A.B. DIA./B.C./L/Y _____  | _____                  |
| NCDOT SIG. INV. NO. _____ | _____                  |
| NCDOT POLE NO. _____      | _____                  |

SHAFT I.D. TAG  
(PROVIDE ON SHAFT OF STRAIN POLES  
AND MAST ARM POLE SHAFT)

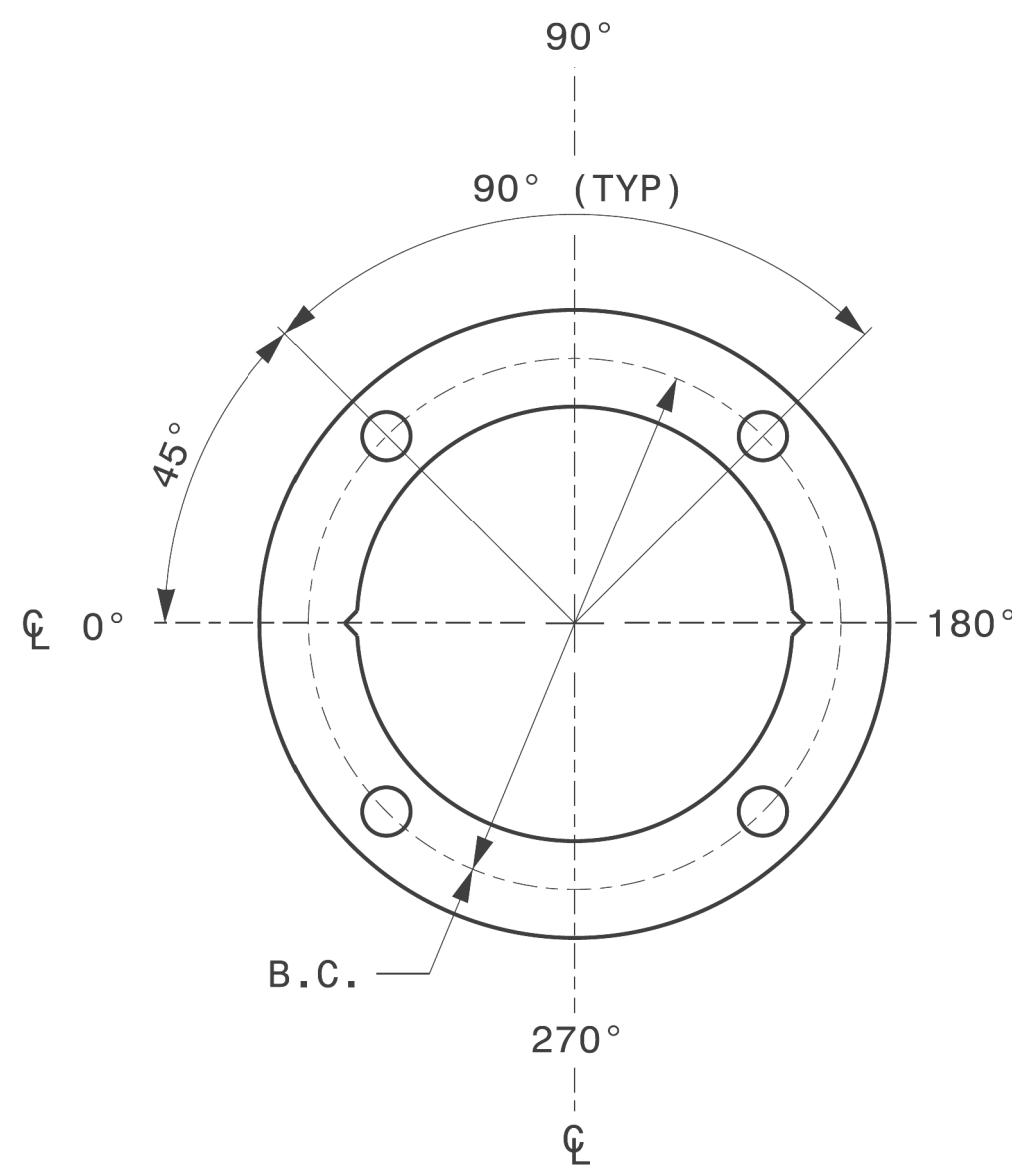
|                           |                        |
|---------------------------|------------------------|
| MFG _____                 | MFG. DATE: MM/YY _____ |
| SECTION D/T/L/Y _____     | _____                  |
| NCDOT SIG. INV. NO. _____ | _____                  |
| NCDOT POLE NO. _____      | _____                  |

ARM I.D. TAG  
(PROVIDE ON EACH SECTION OF  
A MULTI-SECTION MAST ARM)

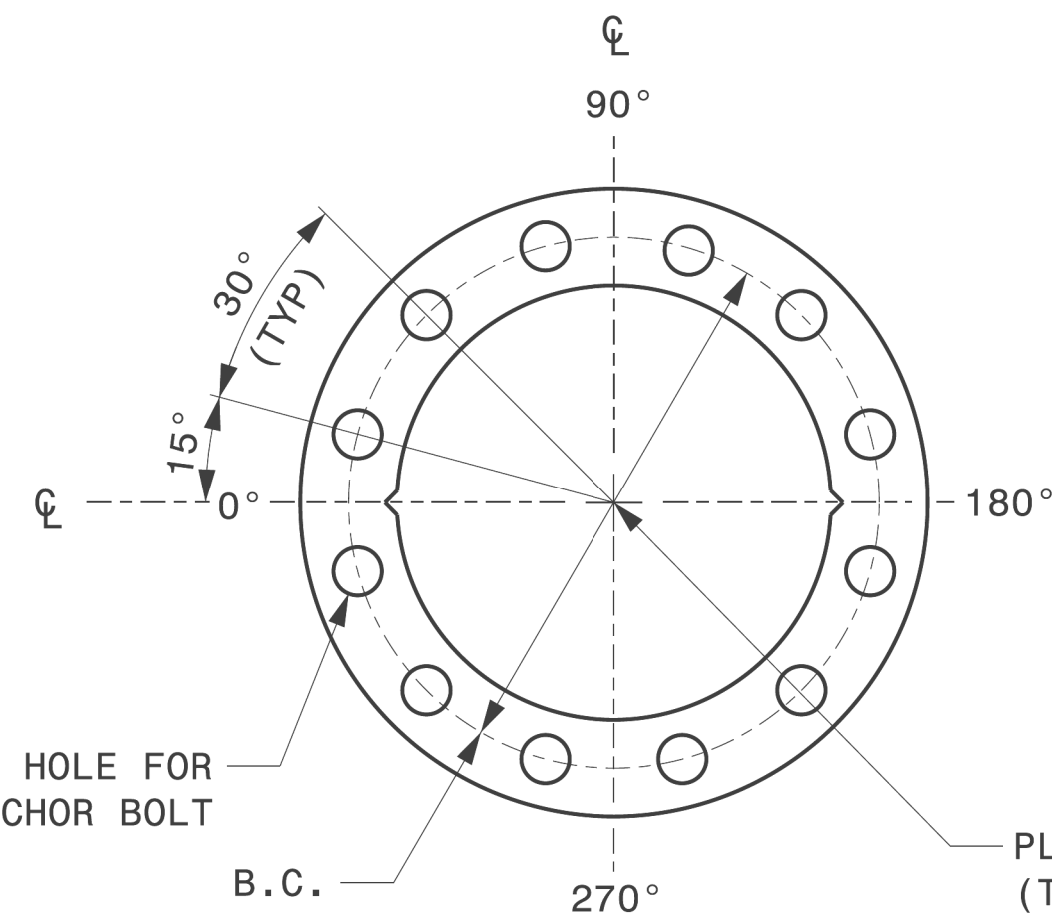
NOTES:

1. D = DIAMETER, T = THICKNESS, L = LENGTH, Y = YIELD STRENGTH
2. A.B. = ANCHOR BOLT
3. B.C. = BOLT CIRCLE OF ANCHOR BOLTS
4. IF STANDARD DESIGN, INCLUDE CASE NUMBER IN ADDITION TO POLE NUMBER ON "NCDOT POLE NO." LINE.
5. SIGNAL INV. NUMBER AND POLE I.D. NUMBER.  
SEE DRAWING M3 AND M4 FOR MOUNTING POSITIONS OF I.D. TAGS.

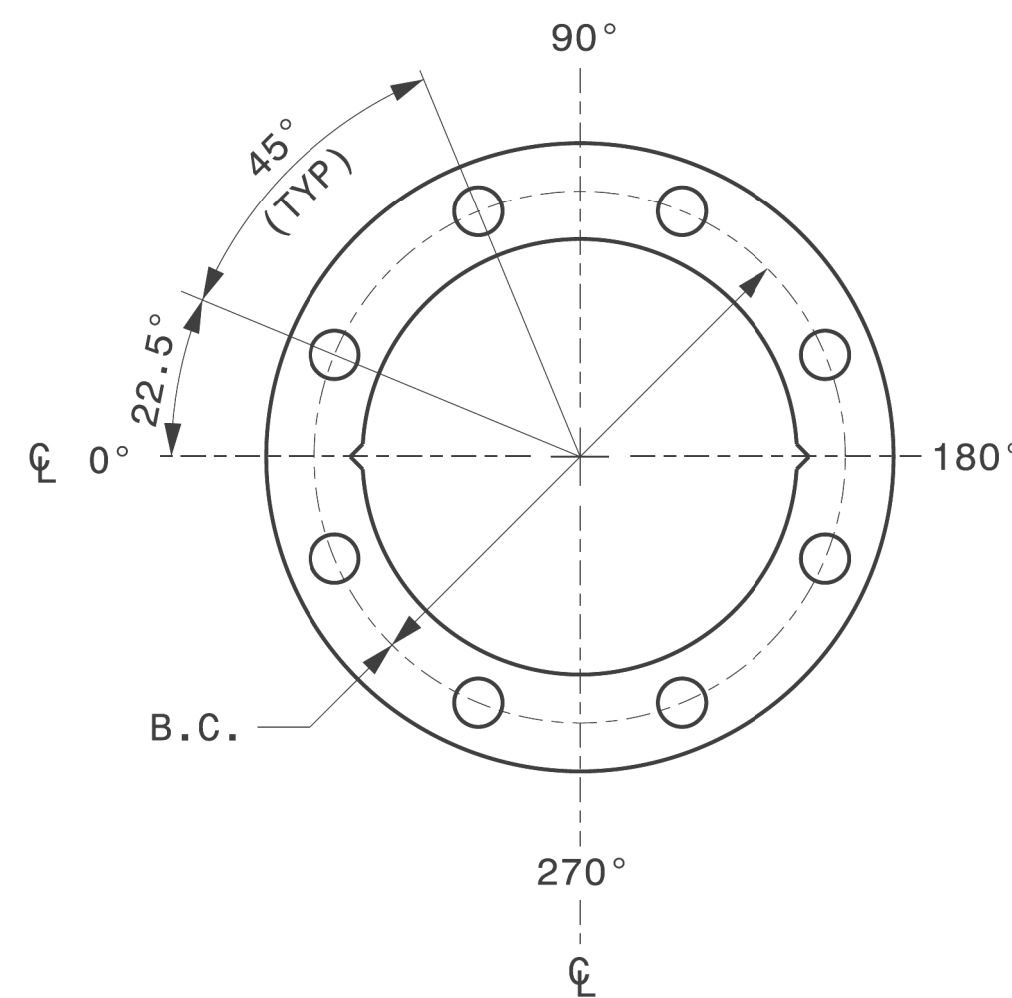
IDENTIFICATION TAG DETAILS



4 BOLT PATTERN



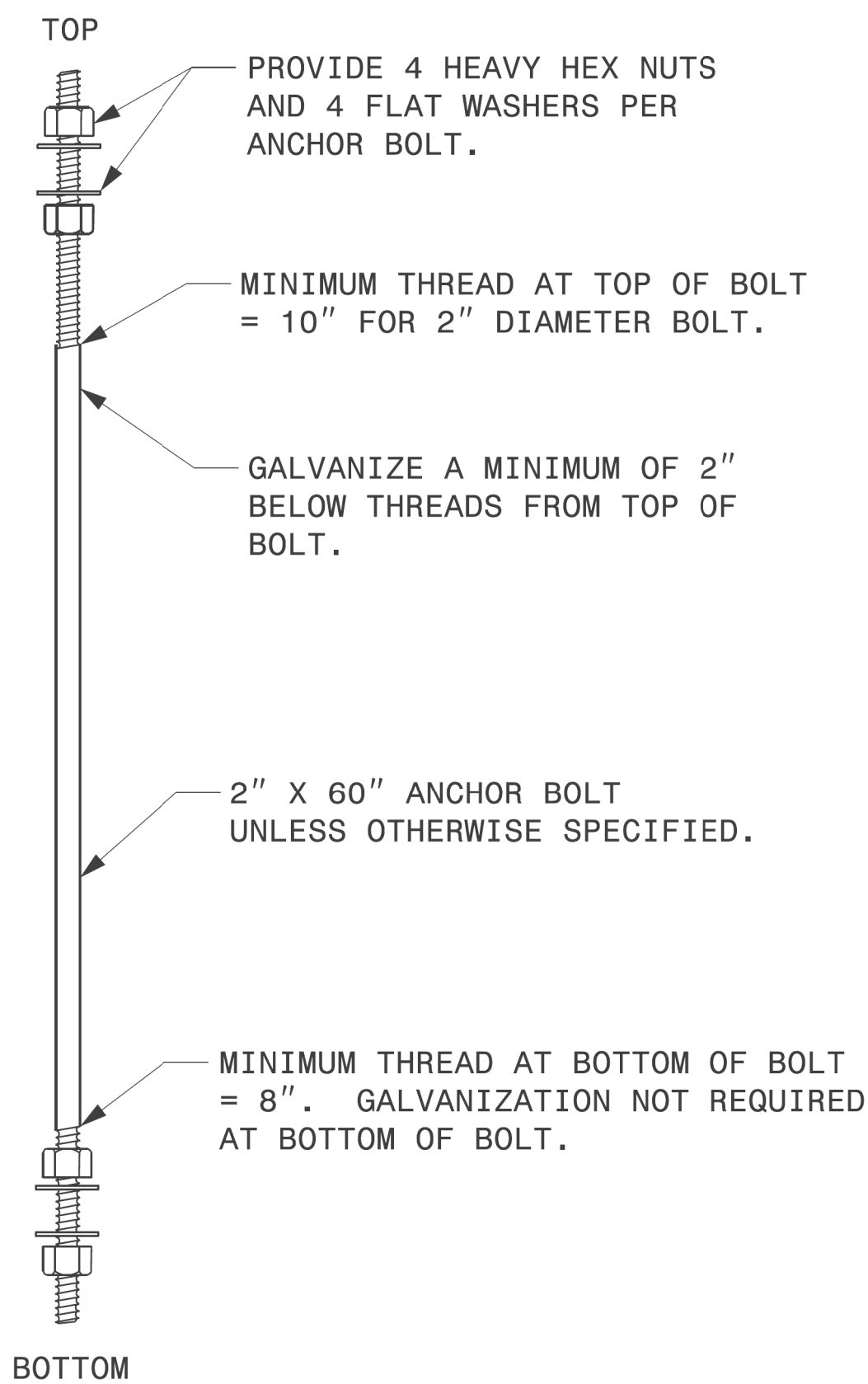
12 BOLT PATTERN



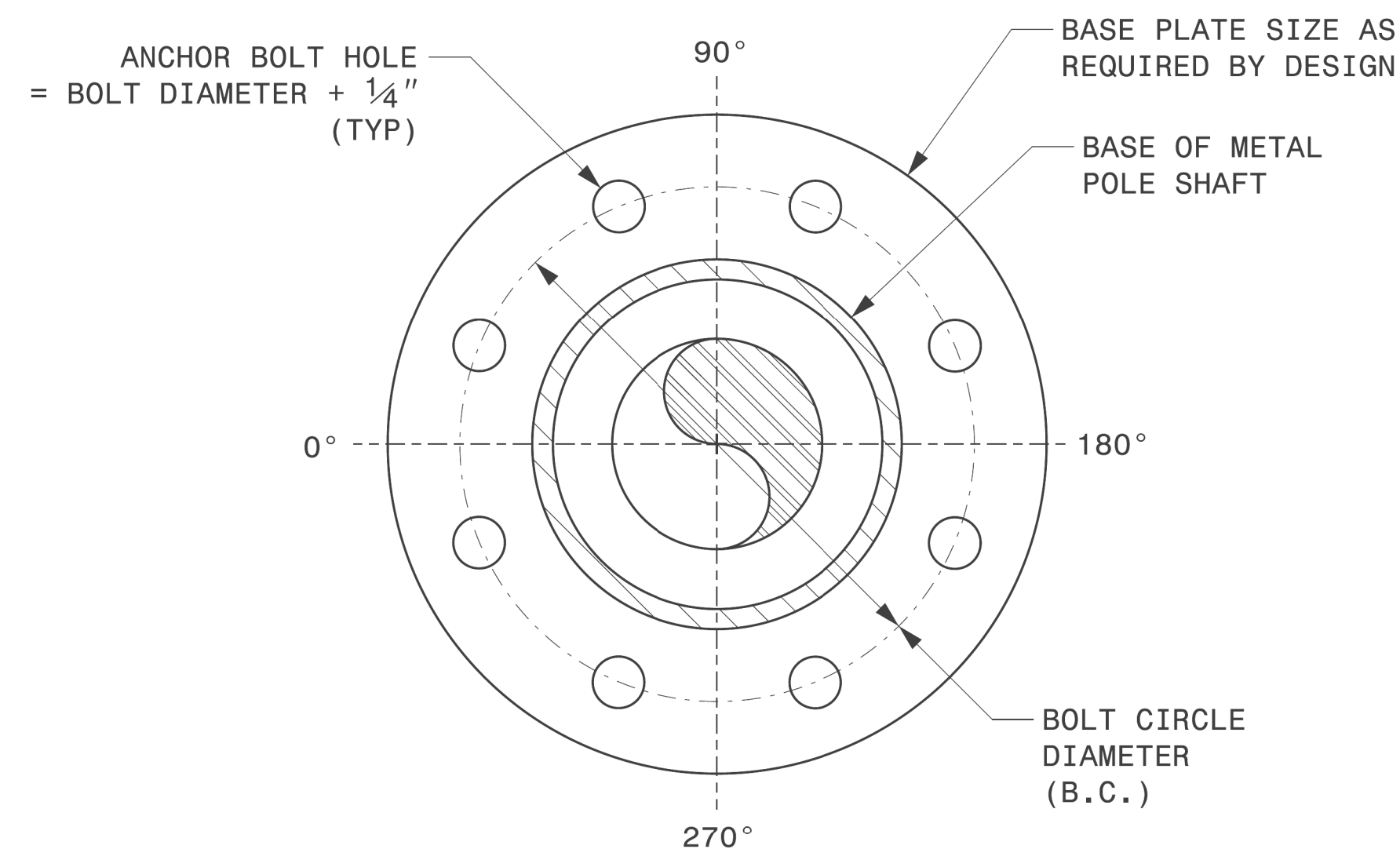
8 BOLT PATTERN

CONSTRUCT TEMPLATES AND PLATES FROM 1/4" (MIN) THICK STEEL. GALVANIZING IS NOT REQUIRED.

BASE PLATE TEMPLATE AND ANCHOR BOLT LOCK PLATE DETAILS



ANCHOR BOLT DETAIL



NOTE: BASE PLATE MAY BE CIRCULAR, OCTAGONAL, SQUARE  
OR RECTANGULAR IN SHAPE.

TYPICAL BASE PLATE DETAIL

Prepared In the Offices of:

TRANSPORTATION MOBILITY AND SAFETY DIVISION  
DEPARTMENT OF TRANSPORTATION  
SIGNAL DESIGN SECTION

750 N. Greenfield Pkwy, Garner, NC 27529

SCALE: 0 NA NONE

Typical Fabrication Details  
For  
All Metal Poles

|                           |                           |
|---------------------------|---------------------------|
| PLAN DATE: SEPTEMBER 2023 | DESIGNED BY: C.F. ANDREWS |
| PREPARED BY: K.C. DURIGON | REVIEWED BY: D.C. SARKAR  |
| REVISIONS                 | INIT. DATE                |

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER  
SEAL 036626  
KEVIN C. DURIGON

DocuSigned by:  
Kevin Durigon  
4B23DC79B3784DA

09/21/2023  
DATE