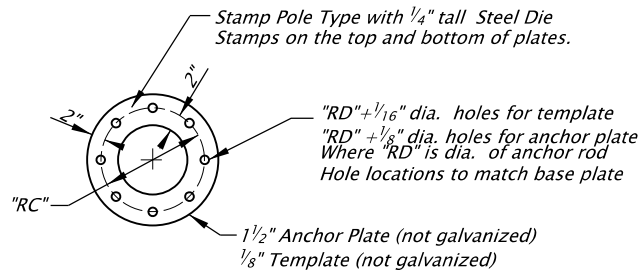


POLE AND ARM SPLICE

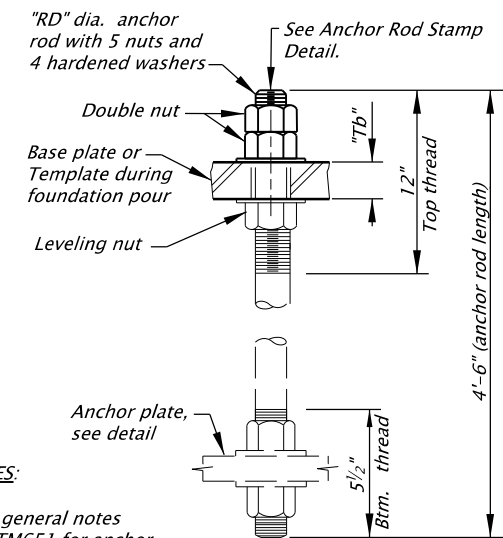
WELD DETAILS

No Scale



ANCHOR PLATE AND TEMPLATE DETAIL

No Scale



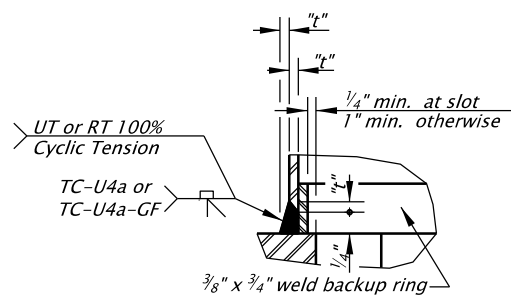
NOTES:

- See general notes on TM651 for anchor rod tightening.
- Tb determined by manufacturer.

ANCHOR ROD DETAIL

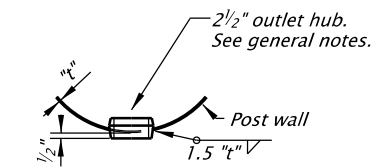
No Scale

Anchor Rods and Base Plate Data		
Mastarm Pole Type	RD Rod Diam.	RC Rod Circle
SM1	1 1/4"	16 1/2"
SM2, SM1L	1 1/2"	17"
SM3, SM2L	1 1/2"	20"
SM4, SM3L	1 3/4"	22"
SM5, SM4L	1 3/4"	23"
SM5L	2"	23 1/2"



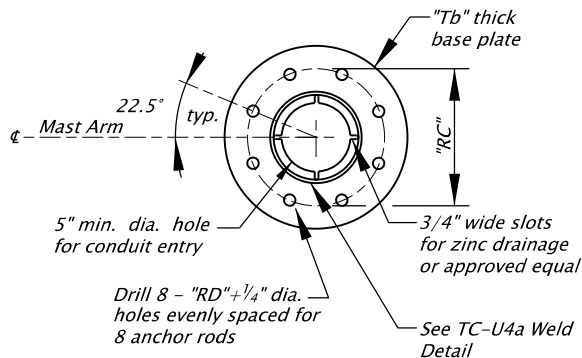
TC-U4a WELD DETAIL

No Scale



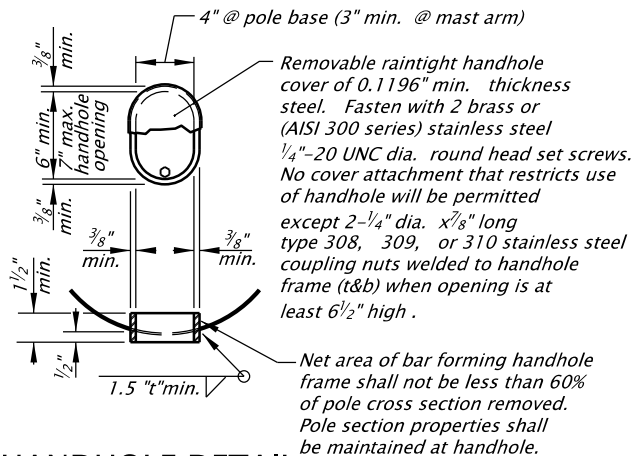
HUB WELD DETAIL

No Scale



PLAN - BASE PLATE

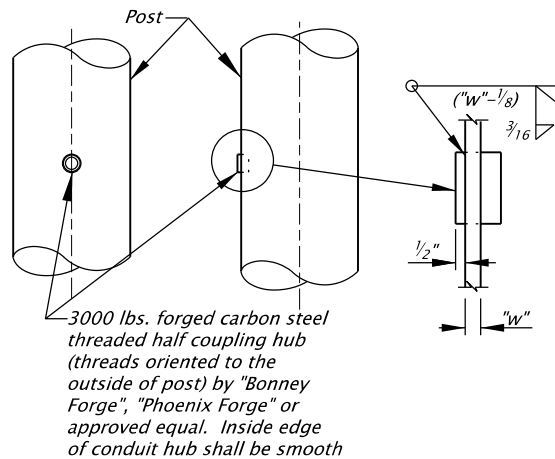
No Scale



HANDHOLE DETAIL

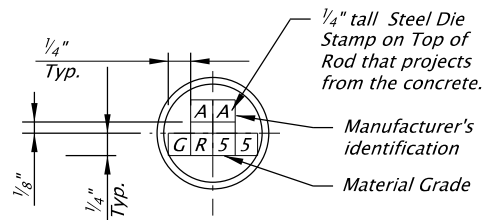
No Scale

Mast arm Connection				
Signal Arm Lengths	N Number	D Bolt Diam.	BC Bolt Circle	V Bolt Spacing
15'	4	1"	9 1/2"	—
20', 25'	4	1 1/4"	14"	—
30', 35'	4	1 1/2"	15 1/2"	—
40', 45'	8	1"	—	5"
50', 55'	8	1 1/4"	—	6"



HUB WELD DETAIL

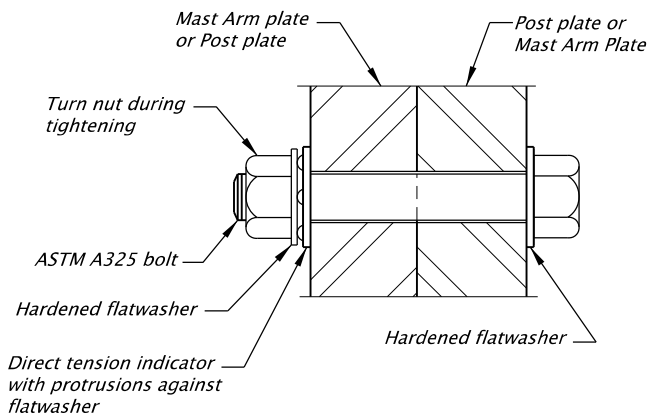
No Scale



Note: The end of each anchor rod shall be color coded yellow.

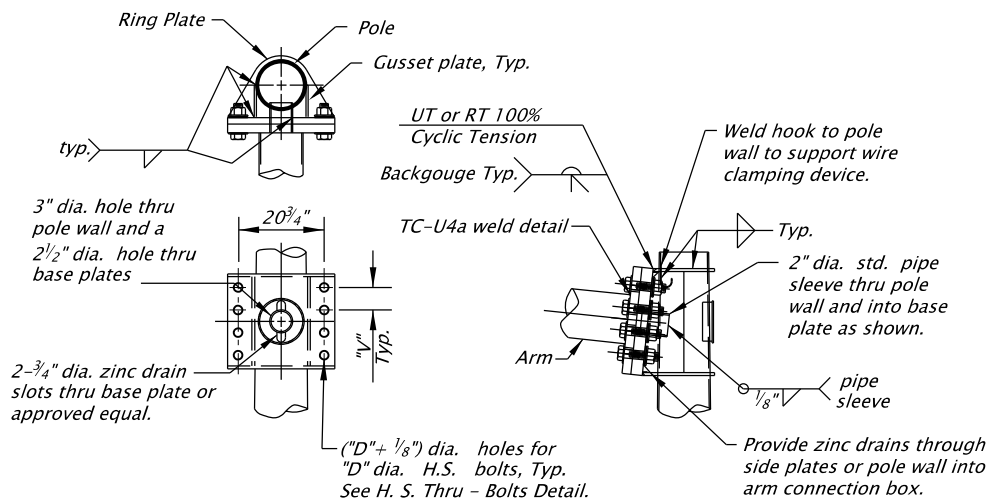
ANCHOR ROD STAMP DETAIL

No Scale



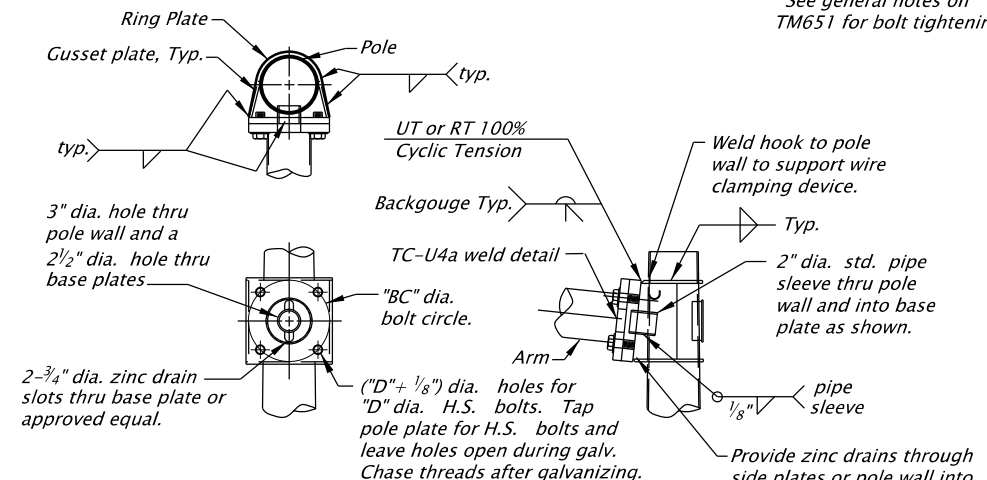
H.S. THRU - BOLTS

No Scale



8 BOLT ARM CONNECTION DETAILS

No Scale



4 BOLT ARM CONNECTION DETAILS

No Scale

Accompanied by dwgs. TM650, TM651, TM653, TM654

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

TRAFFIC SIGNAL SUPPORTS STEEL DETAILS

2024

DATE	REVISION	DESCRIPTION
07-2020	ADDED	ACCOMPANIED BY DRAWING TM654
01-2024	REMOVED	STRAIN POLE TYPES FROM TABLE
CALC. BOOK NO.	5301	SDR DATE
19-JAN-2024	TM652	

Effective Date: June 1, 2026 – November 30, 2026