
ORIGINATION FORM

Proposed Revisions to a Standard Plans Index
(Please provide all information — Incomplete forms will be returned)

Contact Information:

Date: June 27, 2023
Originator: Joshua Turley
Phone: (850) 414-4475
Email: joshua.turley@dot.state.fl.us

Standard Plans:

Index Number: 649-010
Sheet Number (s): 2 of 3
Index Title: STEEL STRAIN POLE

Summary of the changes:

Sheet 2: Changed Note 1 and revised Section A-A to add clarity to anchor bolt nuts.

Commentary / Background:

Sheet 2: These changes were to add clarity, consistency, and specificity to the anchor bolt nuts.

Other Affected Offices / Documents: (Provide name of person contacted)

Yes	No	
☐	☒	Other Standard Plans –
☐	☒	FDOT Design Manual –
☐	☒	Basis of Estimates Manual –
☐	☒	Standard Specifications –
☐	☒	Approved Product List –
☐	☒	Construction –
☐	☒	Maintenance –

Origination Package Includes: (Submit package to Rick Jenkins)

Yes	N/A	
☒	☐	Redline Mark-ups
☐	☐	Revised or Proposed Standard Plan Instruction (SPI)
☐	☐	Other Support Documents

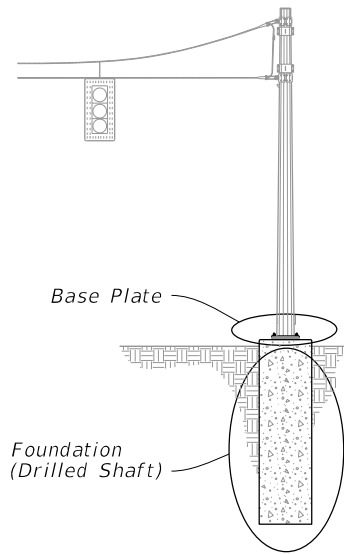
Implementation:

☐	Design Bulletin (Interim)
☐	DCE Memo
☐	Program Mgmt. Bulletin
☒	FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form

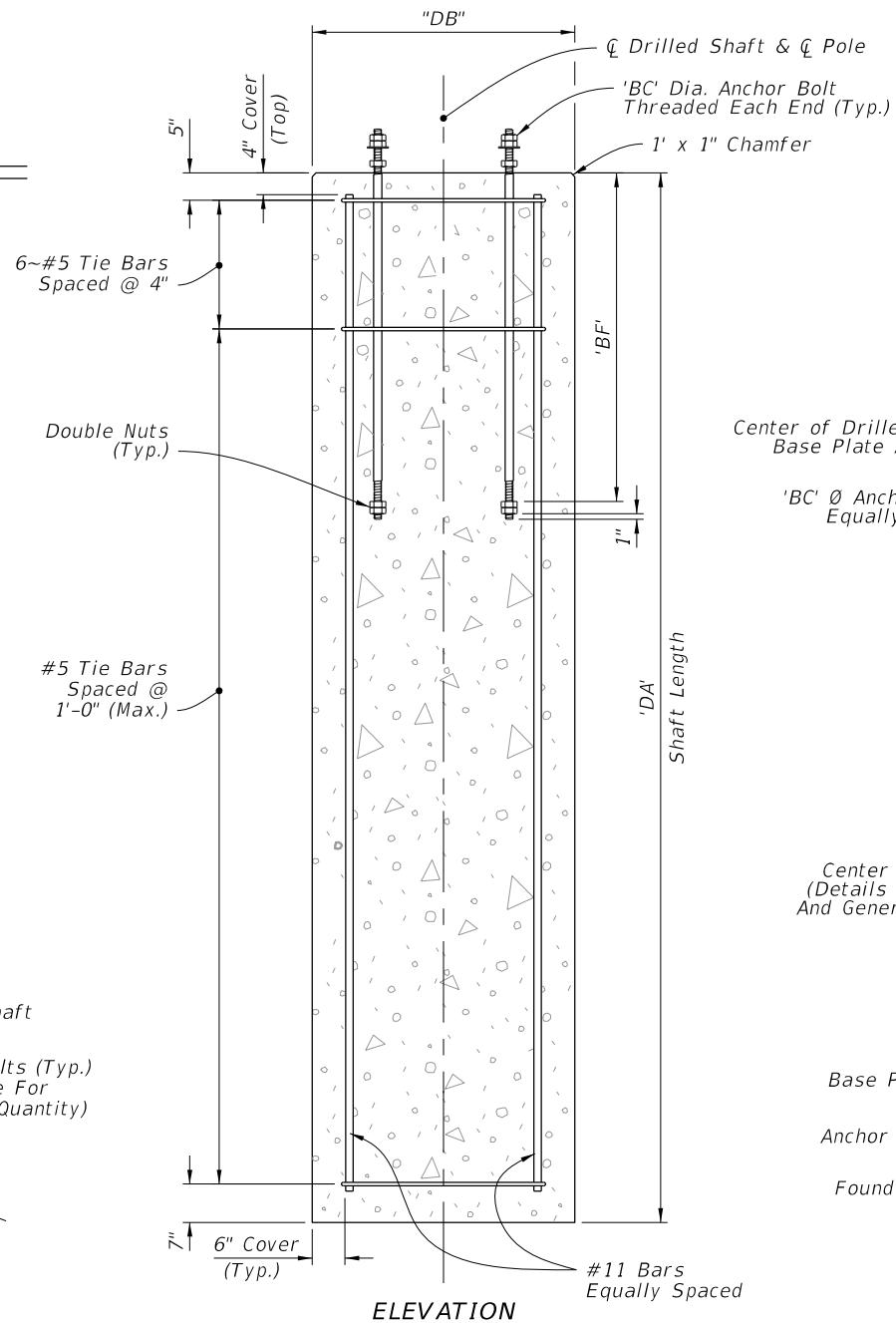
Email to: Rick Jenkins rick.jenkins@dot.state.fl.us and Darren Martin darren.martin@dot.state.fl.us

10/6/2022 2:31:07 PM

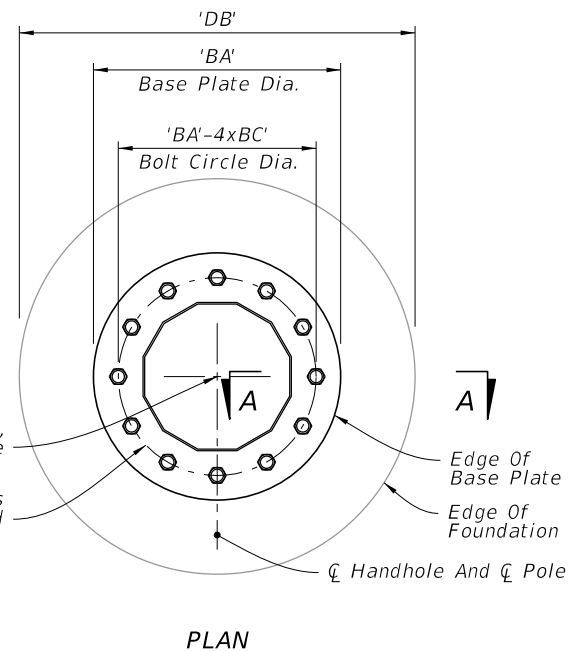


POLE ASSEMBLY

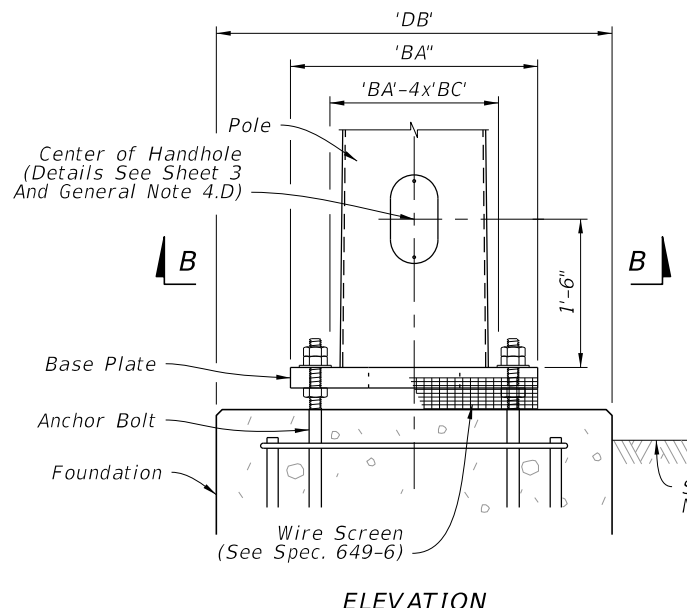
POLE TYPE	POLE		BASE CONNECTION				SHAFT			
	J (in)	K (in)	No. of Bolts	BA (in)	BB (in)	BC (in)	BF (in)	DA (FT)	DB (FT)	No. of #11 Bars
PS-IV	0.250	14	8	25	2.50	1 3/8	60	14	4	14
PS-V	0.313	16	10	28	2.50	1 1/2	60	15	4	14
PS-VI	0.313	18	12	30	2.50	1 1/2	60	16	4	14
PS-VII	0.313	21	14	33	2.50	1 1/2	60	16	4.5	16
PS-VIII	0.313	23	16	35	2.50	1 1/2	60	17	4.5	16
PS-IX	0.313	25	12	39	3.00	1 3/4	60	17	5	18
PS-X	0.313	27	14	41	3.00	1 3/4	60	18	5	18



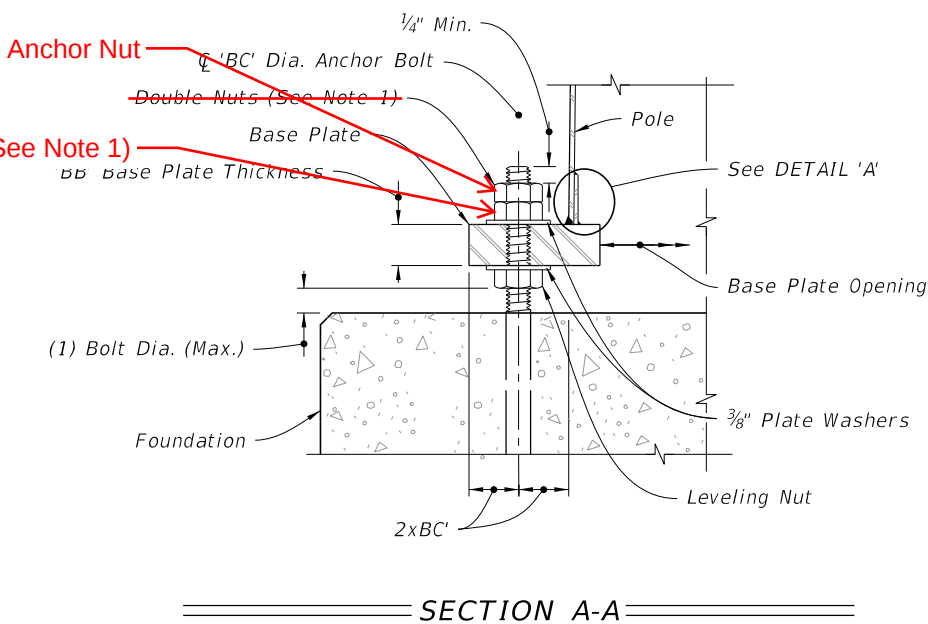
ELEVATION



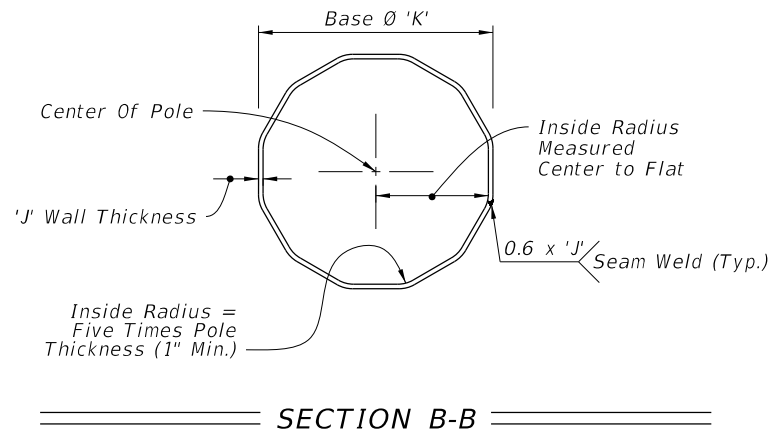
PLAN



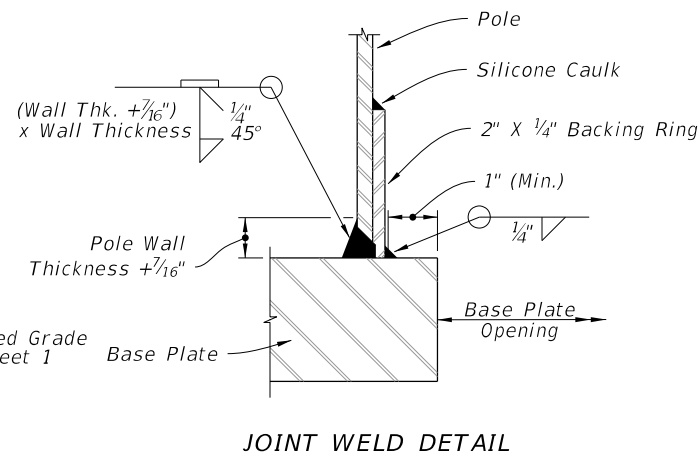
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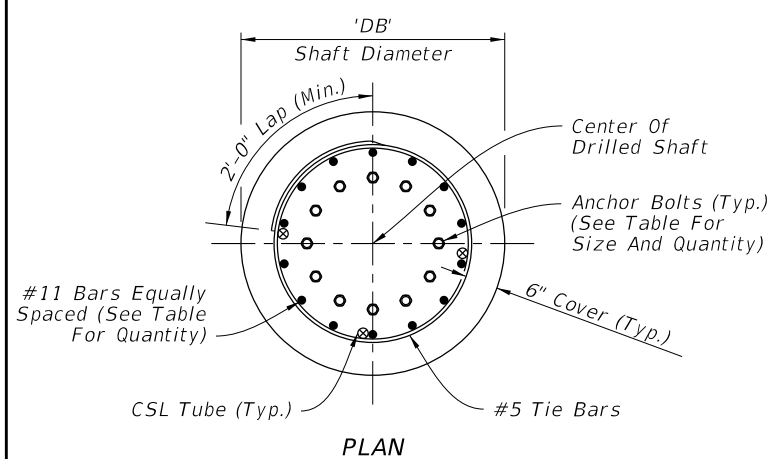
SECTION A-A



SECTION B-B



JOINT WELD DETAIL



PLAN

FOUNDATION

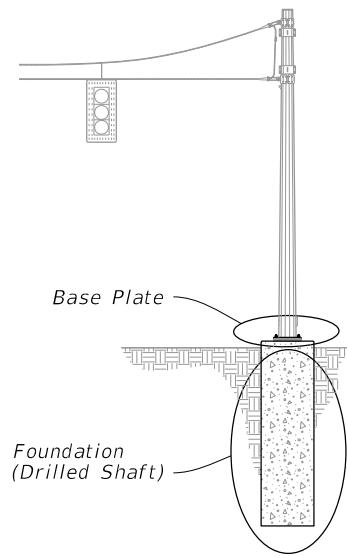
BASE PLATE

DETAIL 'A'

FOUNDATION AND BASE DETAILS

LAST REVISION	DESCRIPTION:	FY 2023-24 STANDARD PLANS	STEEL STRAIN POLE	INDEX	SHEET
11/01/18	11/01/23			649-010	2 of 3

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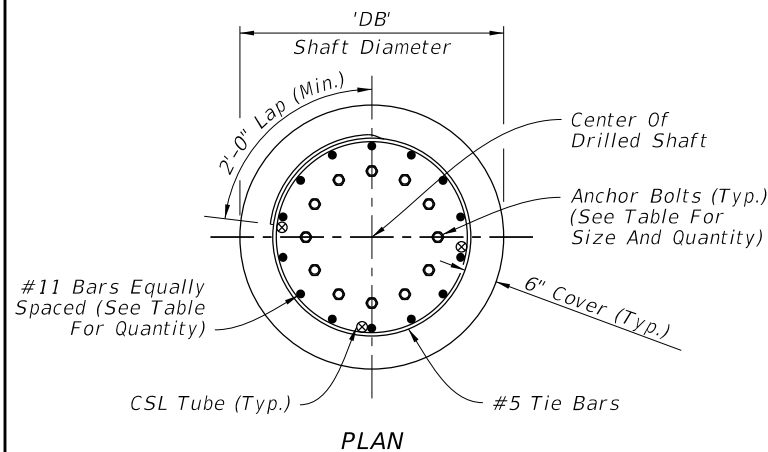


POLE ASSEMBLY

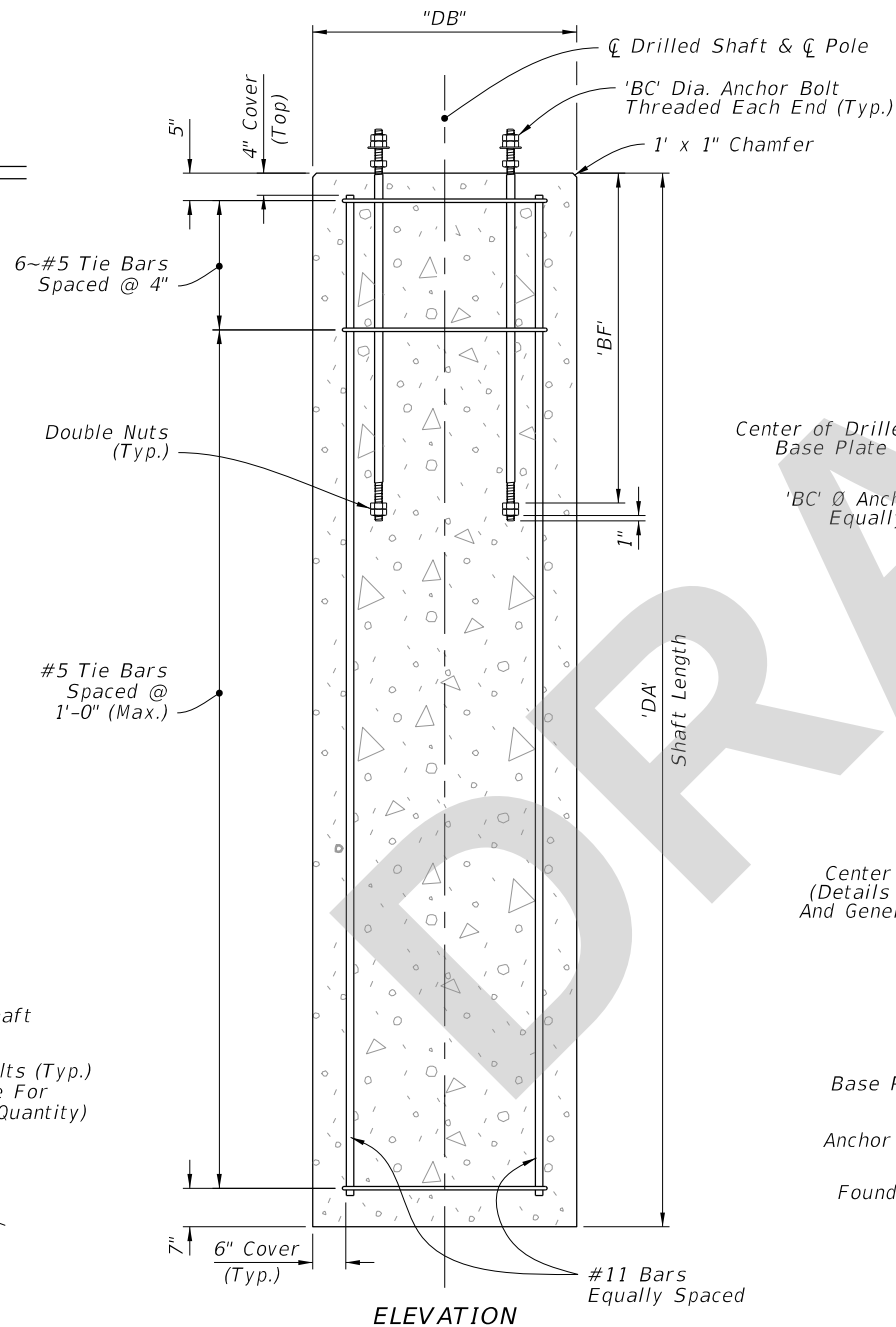
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NOTE:

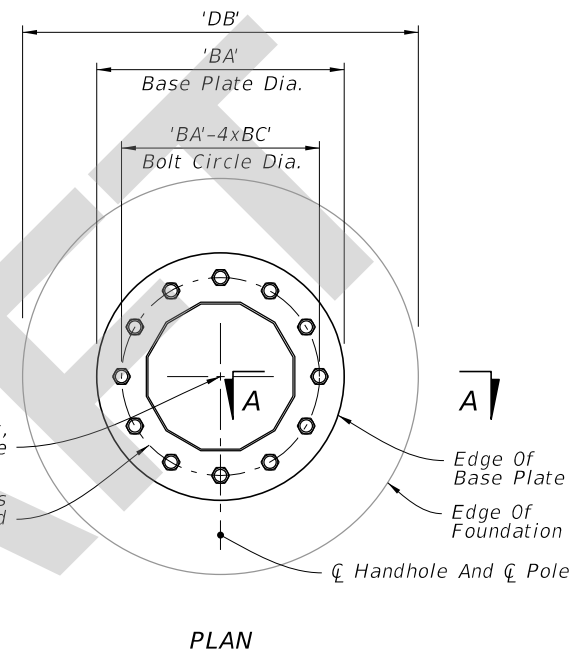
1. Retainer nut may be half-height. Provide individual nut covers (not shown) for each bolt.



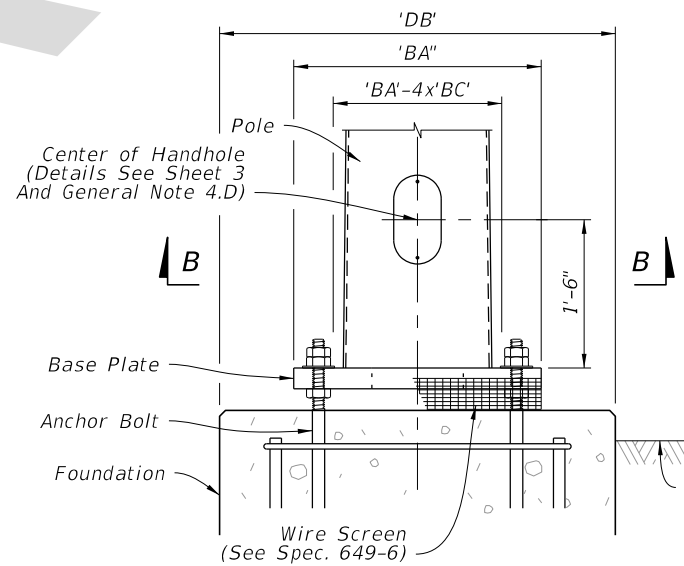
FOUNDATION



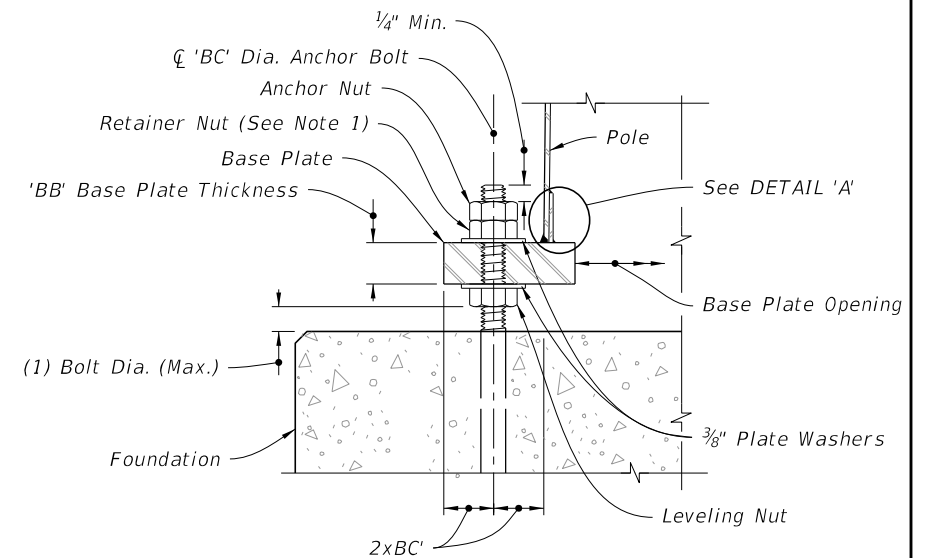
ELEVATION



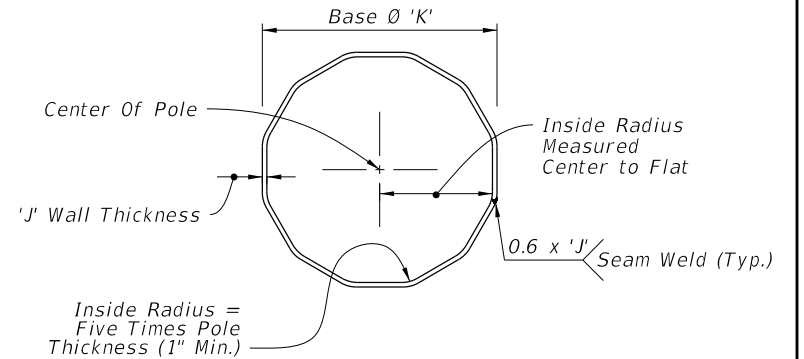
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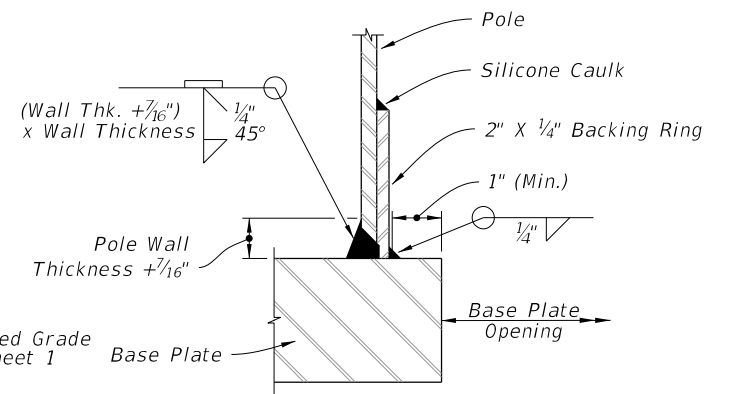
ELEVATION



SECTION A-A



SECTION B-B



JOINT WELD DETAIL

FOUNDATION AND BASE DETAILS

LAST REVISION	DESCRIPTION:	FDOT	FY 2024-25 STANDARD PLANS	STEEL STRAIN POLE	INDEX	SHEET
11/01/23					649-010	2 of 3