
ORIGINATION FORM

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

Contact Information:

Date: January 14, 2020

Originator: Cheryl Hudson

Phone: 414-5332

Email: cheryl.hudson@dot.state.fl.us

Standard Plans:

Index Number: 515-070

Sheet Number (s): 5

Index Title: Pipe Guiderail (Aluminum)

Summary of the changes:

Change edge beam of sidewalk to 9" deep.

Commentary / Background:

Due to research, embedment was reduced to 6"; therefore, the depth can be reduced to 9".

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

Yes	No	
☒	☐	Other Standard Plans – 522-001 Concrete Sidewalk
☐	☒	FDOT Design Manual –
☐	☒	Basis of Estimates Manual –
☐	☒	Standard Specifications –
☐	☒	Approved Product List –
☐	☒	Construction –
☐	☒	Maintenance –

Origination Package Includes:

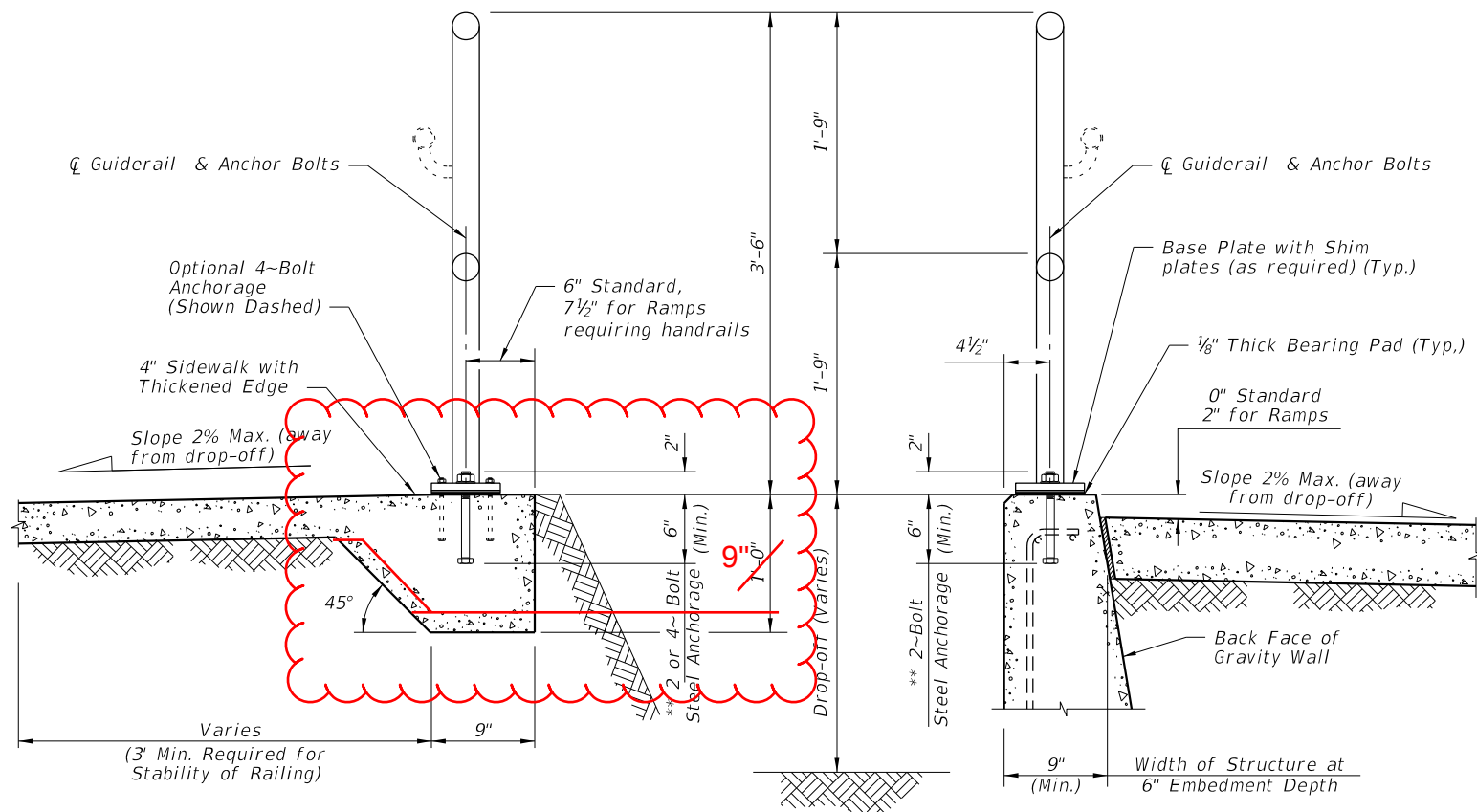
(Email or hand deliver package to Rick Jenkins)

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

Implementation:

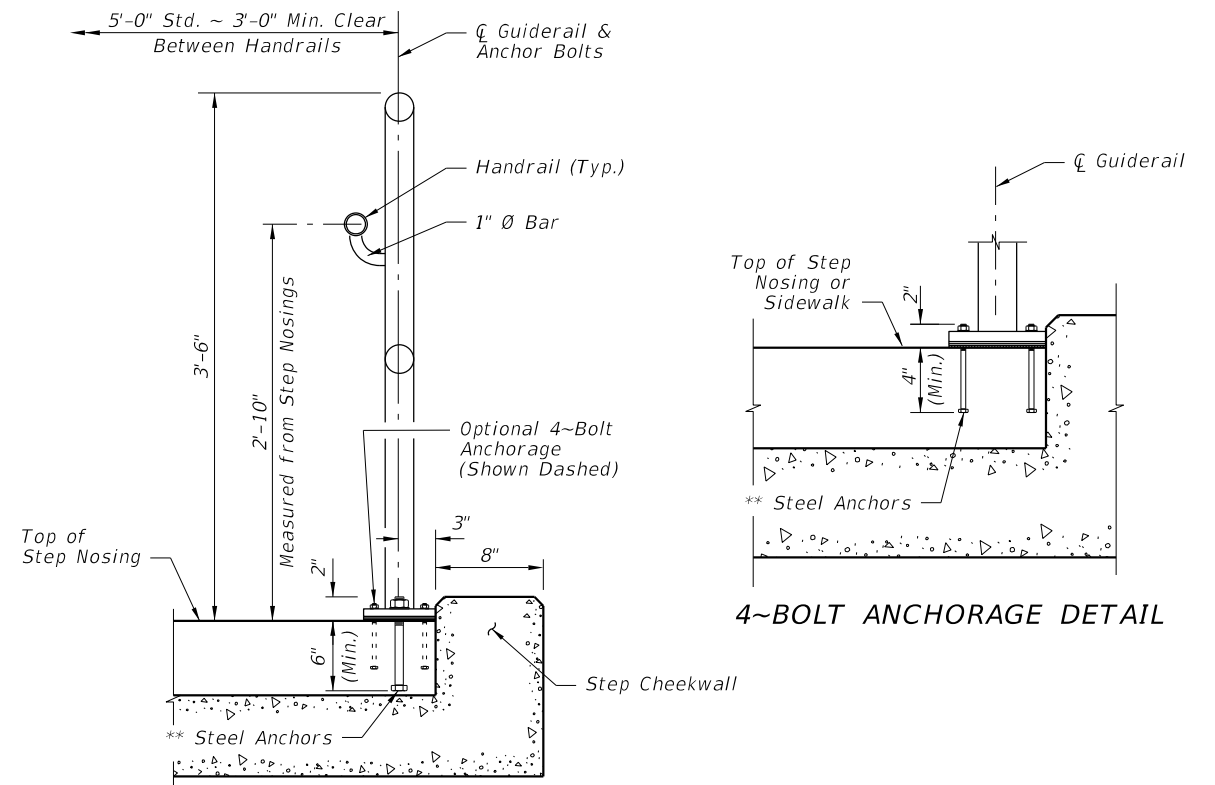
- ☐ Design Bulletin (Interim)
- ☐ DCE Memo
- ☐ Program Mgmt. Bulletin
- ☒ FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form



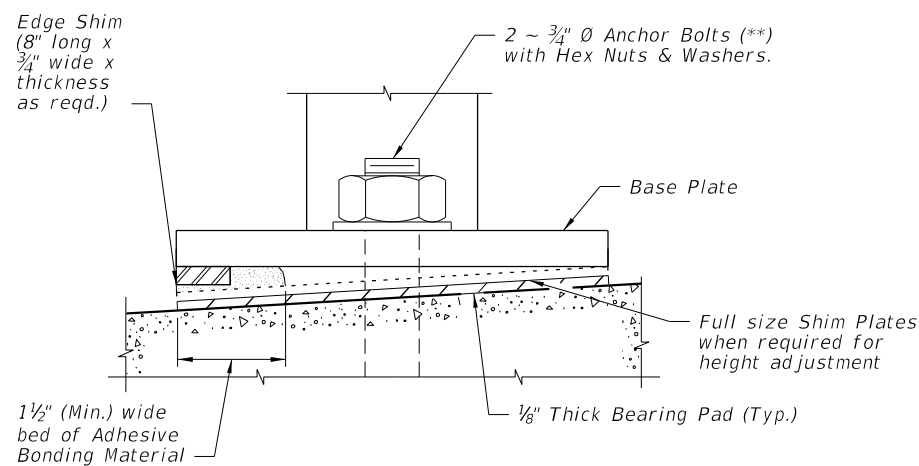
TYPICAL SECTION ON CONCRETE SIDEWALK

TYPICAL SECTION ON GRAVITY WALL
(Other Retaining Walls Similar)

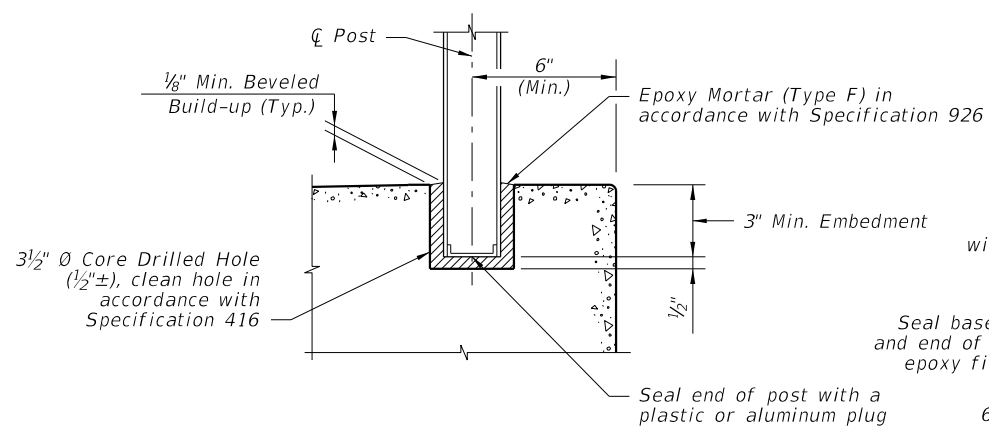


TYPICAL SECTION ON STEPS & STAIRS

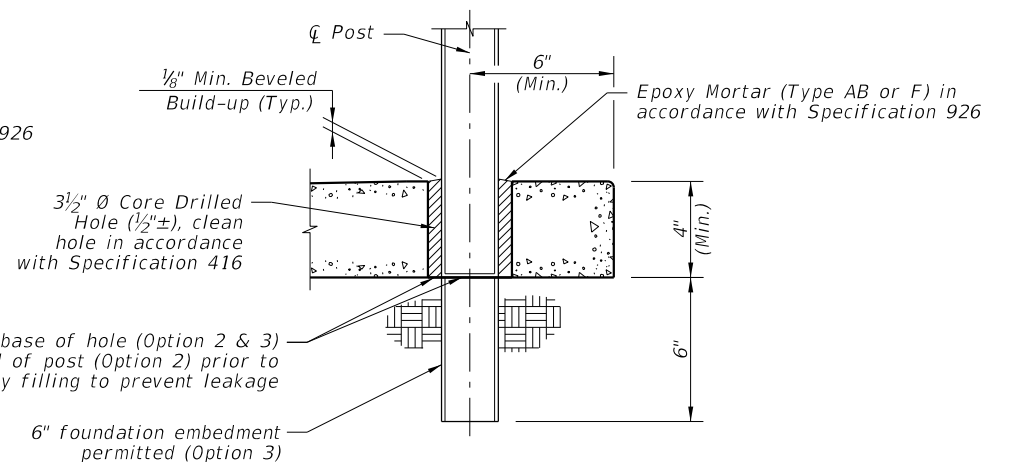
4-BOLT ANCHORAGE DETAIL



DETAIL "F" (OPTIONAL SHIMMING DETAIL
FOR CROSS SLOPE CORRECTION)
(Used in lieu of Beveled Shim Plates)



SIDEWALK ANCHORAGE DETAIL
OPTION 1



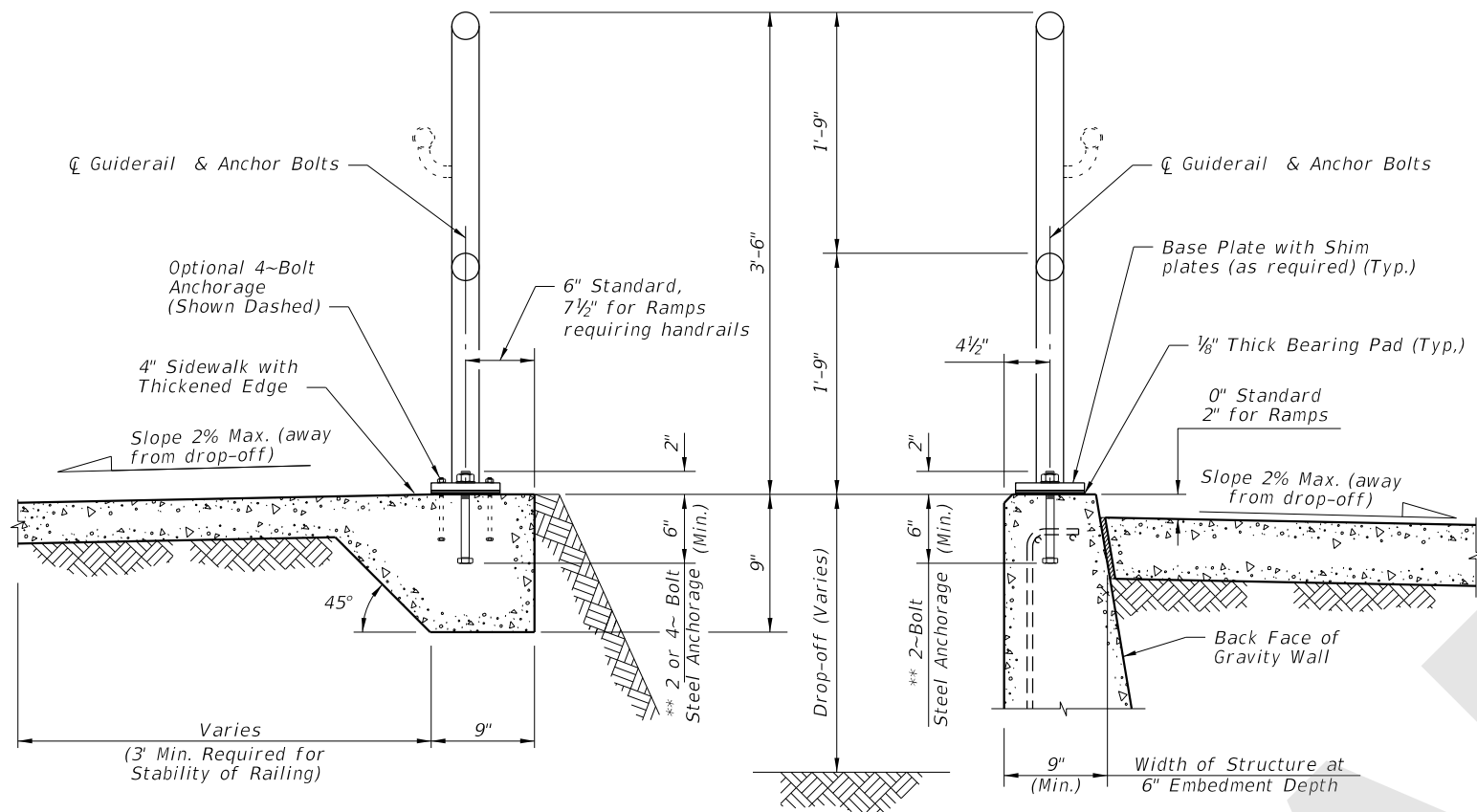
SIDEWALK ANCHORAGE DETAIL
OPTION 2 & 3

NOTES:
 ** 2 ~ 3/4" Ø x 8" or 4 ~ 7/16" Ø x 6" Steel Anchors:
 Galvanized Steel Bolts (As Shown) (C-I-P); Galvanized U-Bolts
 Permitted (C-I-P); Galvanized Adhesive Anchors Permitted
 *** The minimum embedment for Adhesive Anchors is 6" for
 2-Bolt Anchorage or 4" for 4-Bolt Anchorage.

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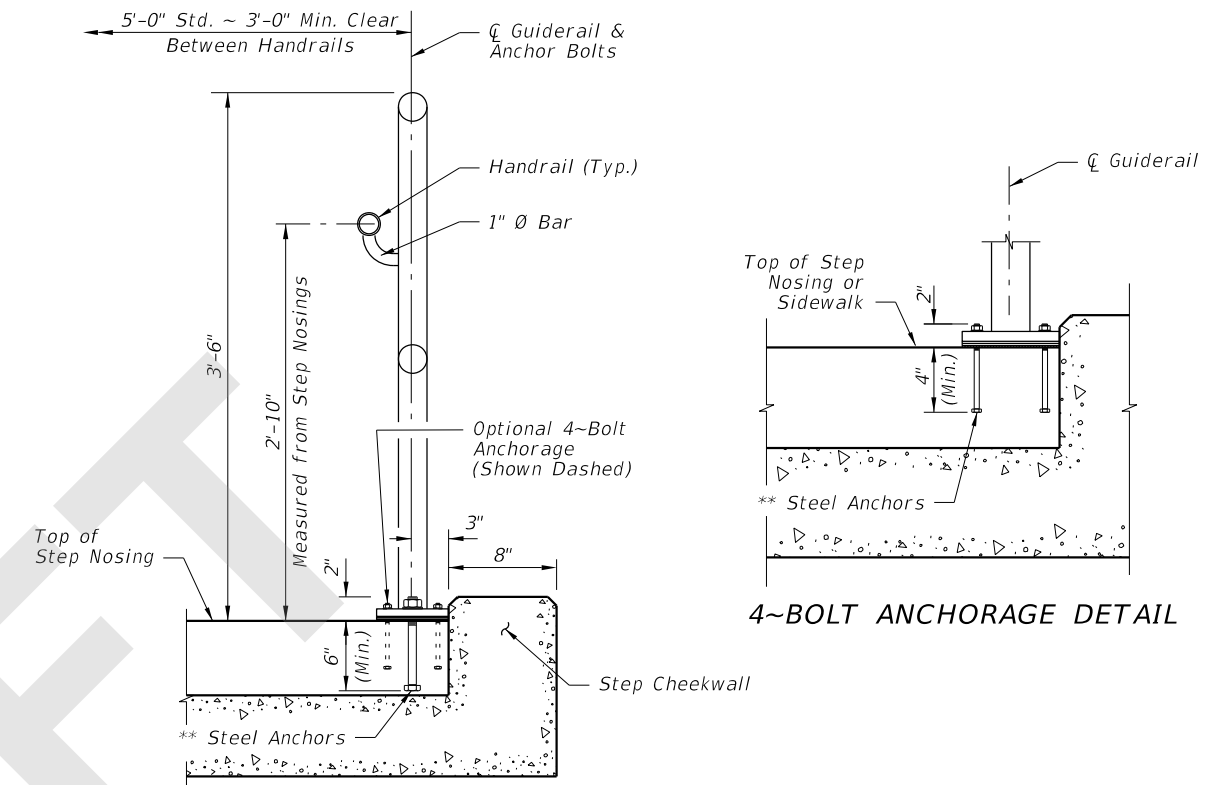
11/01/2020

LAST REVISION	DESCRIPTION:	FY 2020-21 STANDARD PLANS	PIPE GUIDERAIL (ALUMINUM)	INDEX 515-070	SHEET 5 of 5
11/01/17					



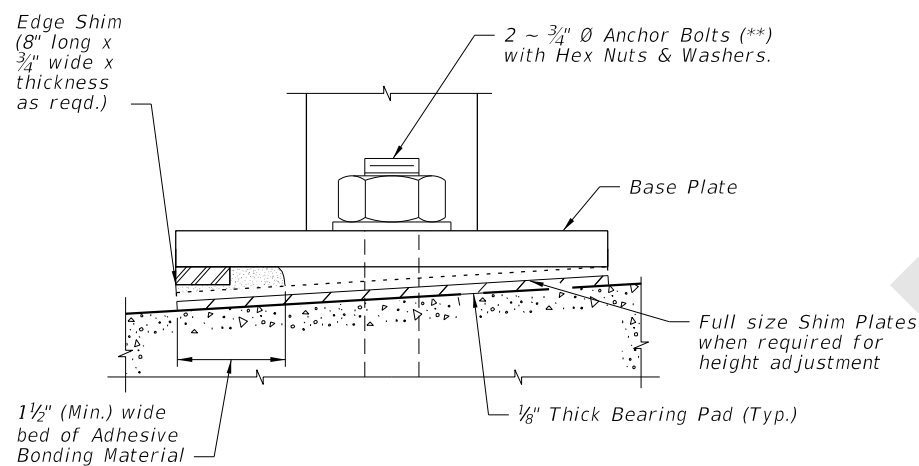
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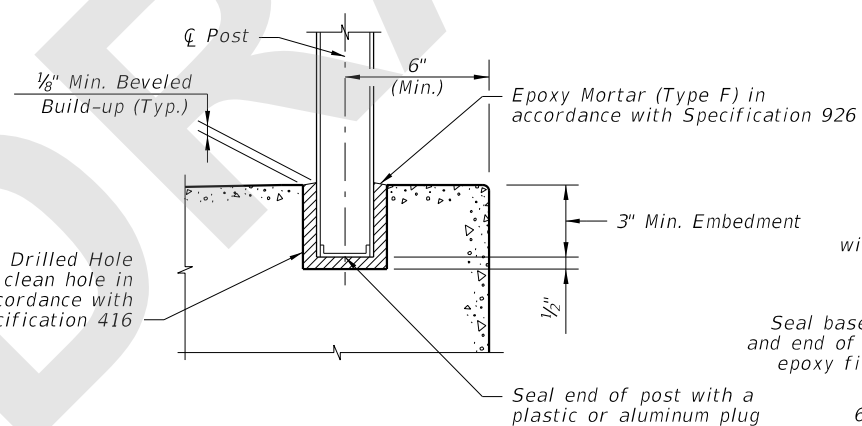


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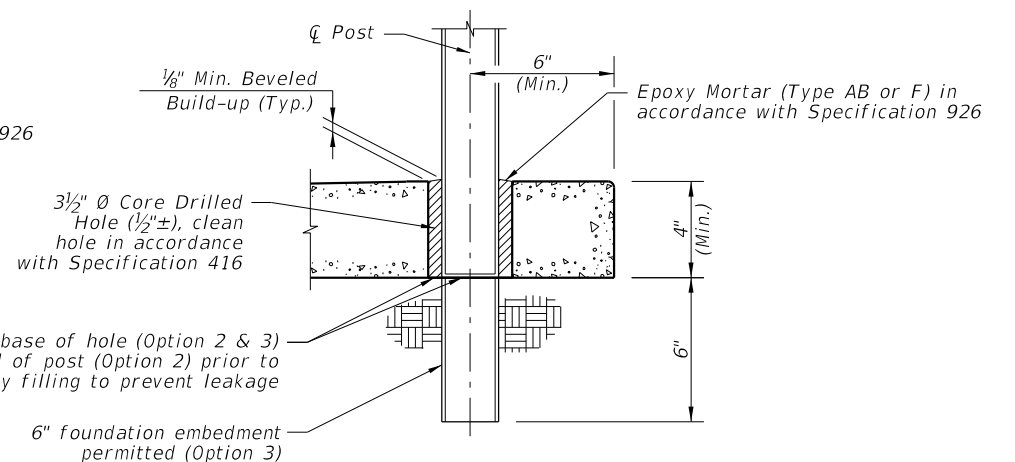
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LAST REVISION 11/01/20	DESCRIPTION:	FY 2020-21 STANDARD PLANS	PIPE GUIDERAIL (ALUMINUM)	INDEX 515-070	SHEET 5 of 5
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