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**ORIGINATION FORM**

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**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: 515-080

Sheet Number (s): 5

Index Title: Pipe Guiderail (Steel)

**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                                  |  |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Other Standard Plans – 522-001 Concrete Sidewalk |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | FDOT Design Manual –                             |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Basis of Estimates Manual –                      |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Standard Specifications –                        |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Approved Product List –                          |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Construction –                                   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Maintenance –                                    |

**Origination Package Includes:**

(Email or hand deliver package to Rick Jenkins)

- | Yes                                 | N/A                                 |  |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Redline Mark-ups                         |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Proposed Standard Plan Instruction (SPI) |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Revised SPI                              |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Other Support Documents                  |

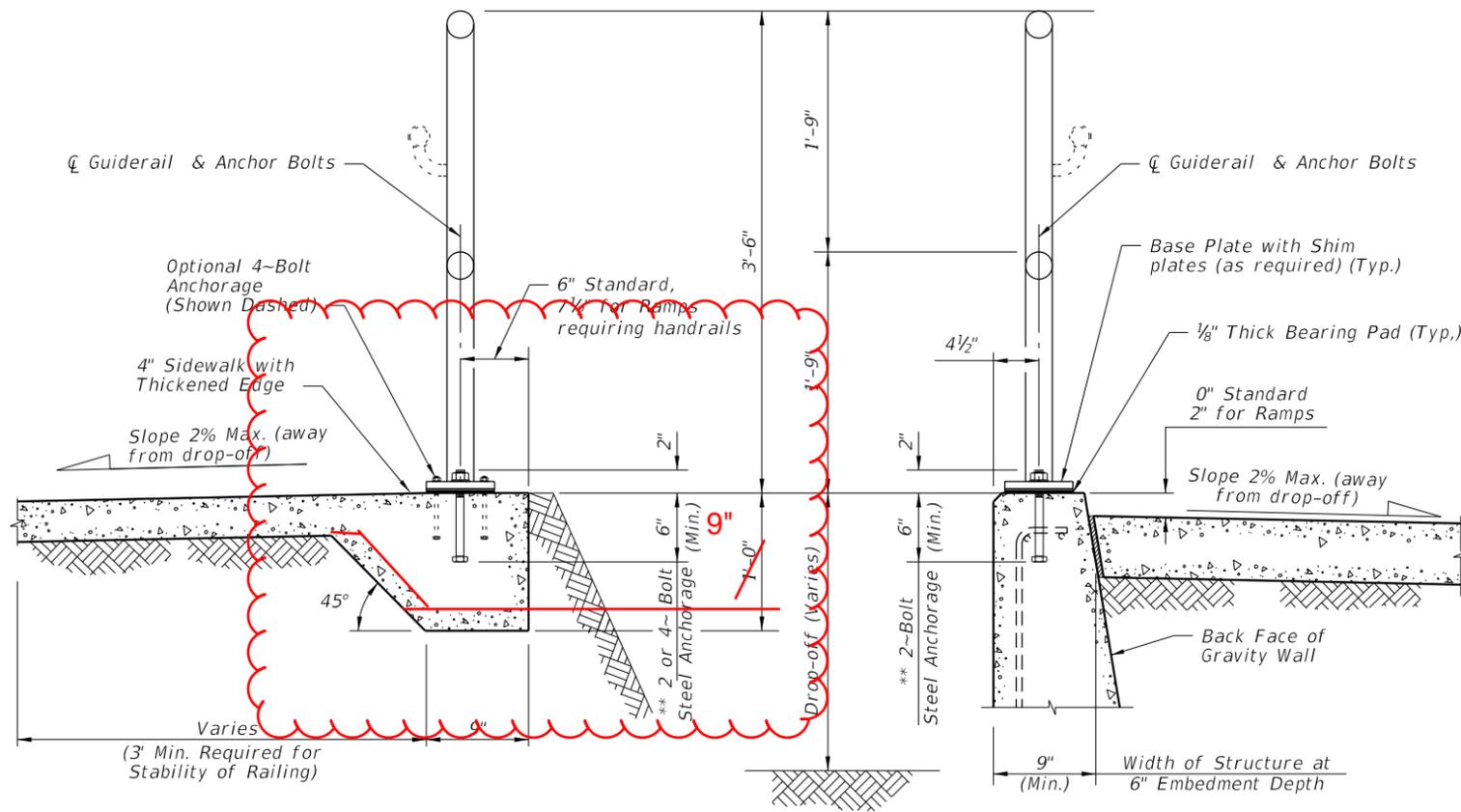
**Implementation:**

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

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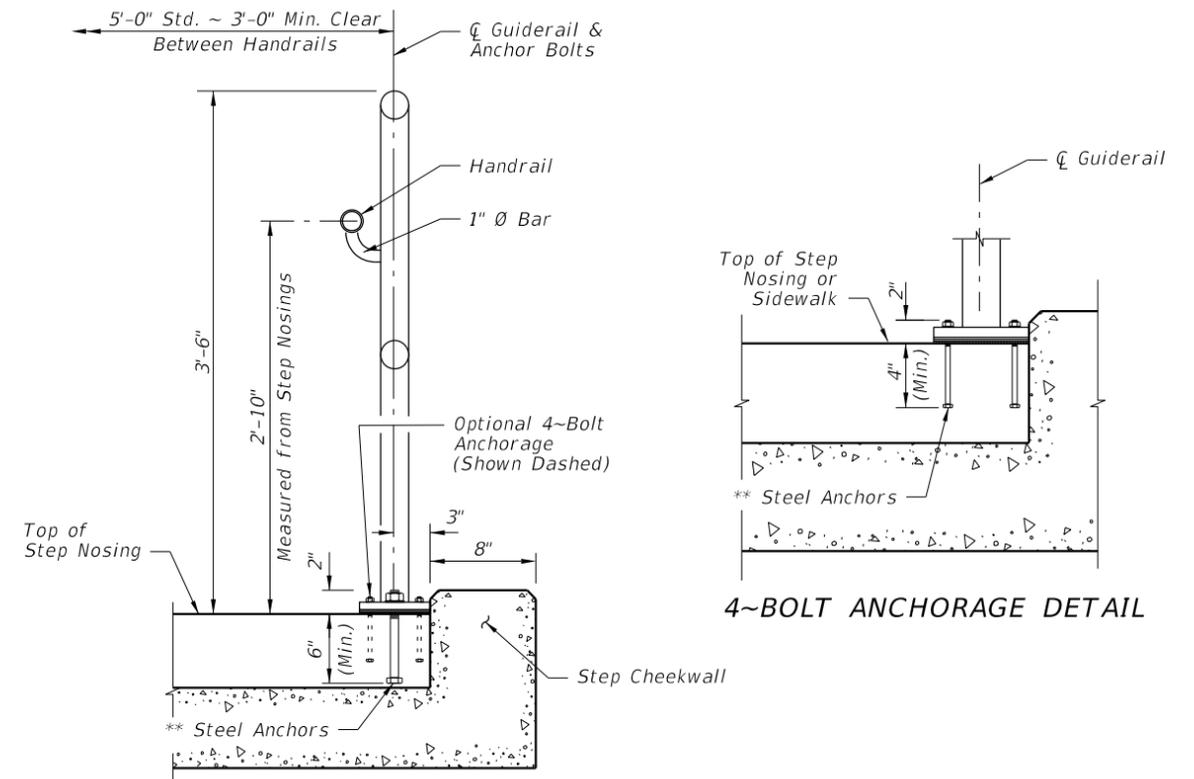
Contact the Roadway Design Office for assistance in completing this form

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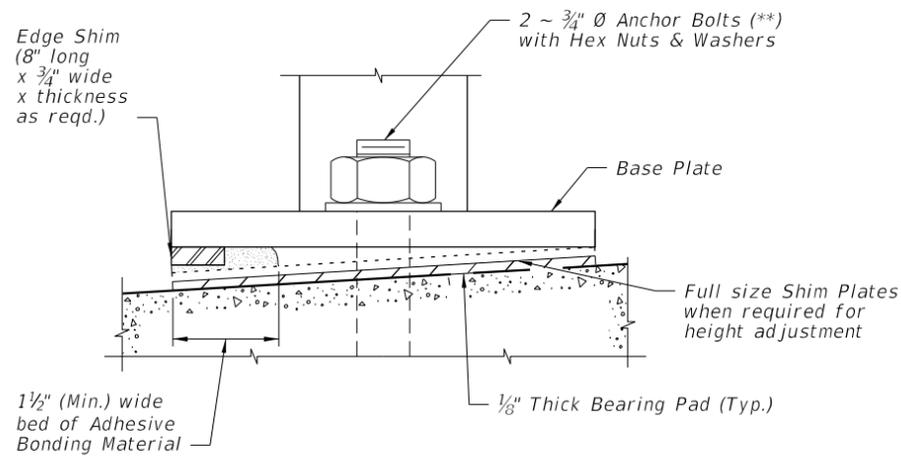
TYPICAL SECTION ON CONCRETE SIDEWALK

TYPICAL SECTION ON GRAVITY WALL  
(Other Retaining Walls Similar)

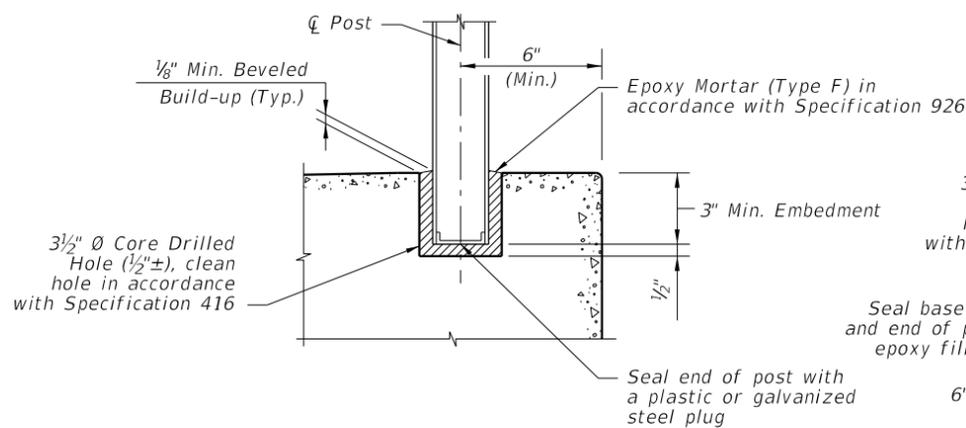


TYPICAL SECTION ON STEPS & STAIRS

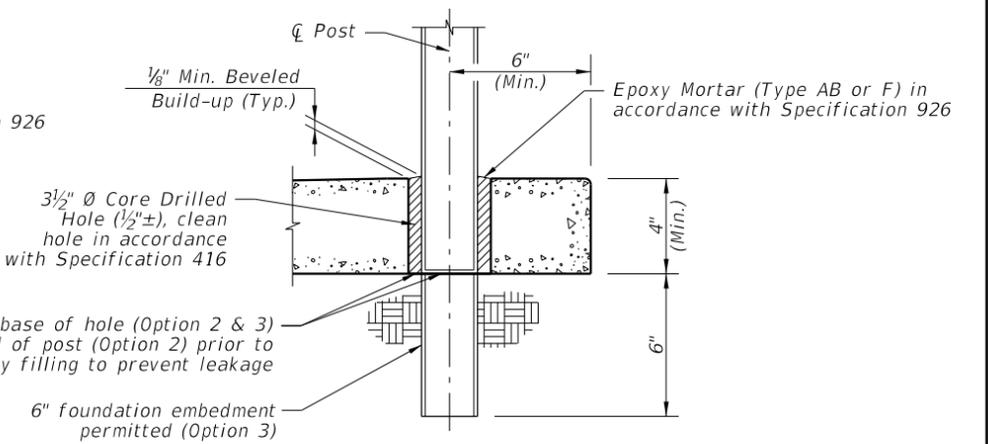
4-BOLT ANCHORAGE DETAIL



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



OPTIONAL SIDEWALK ANCHORAGE DETAIL



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 (\*\*\*)  
 Expansion Anchors Not Permitted.

\*\*\* The minimum embedment for adhesive anchors is 6" for 2-Bolt Anchorage or 4" for 4-Bolt Anchorage.

10/14/2019 11:05:18 AM

11/01/2020

LAST REVISION	DESCRIPTION:
11/01/17	
11/01/2020	

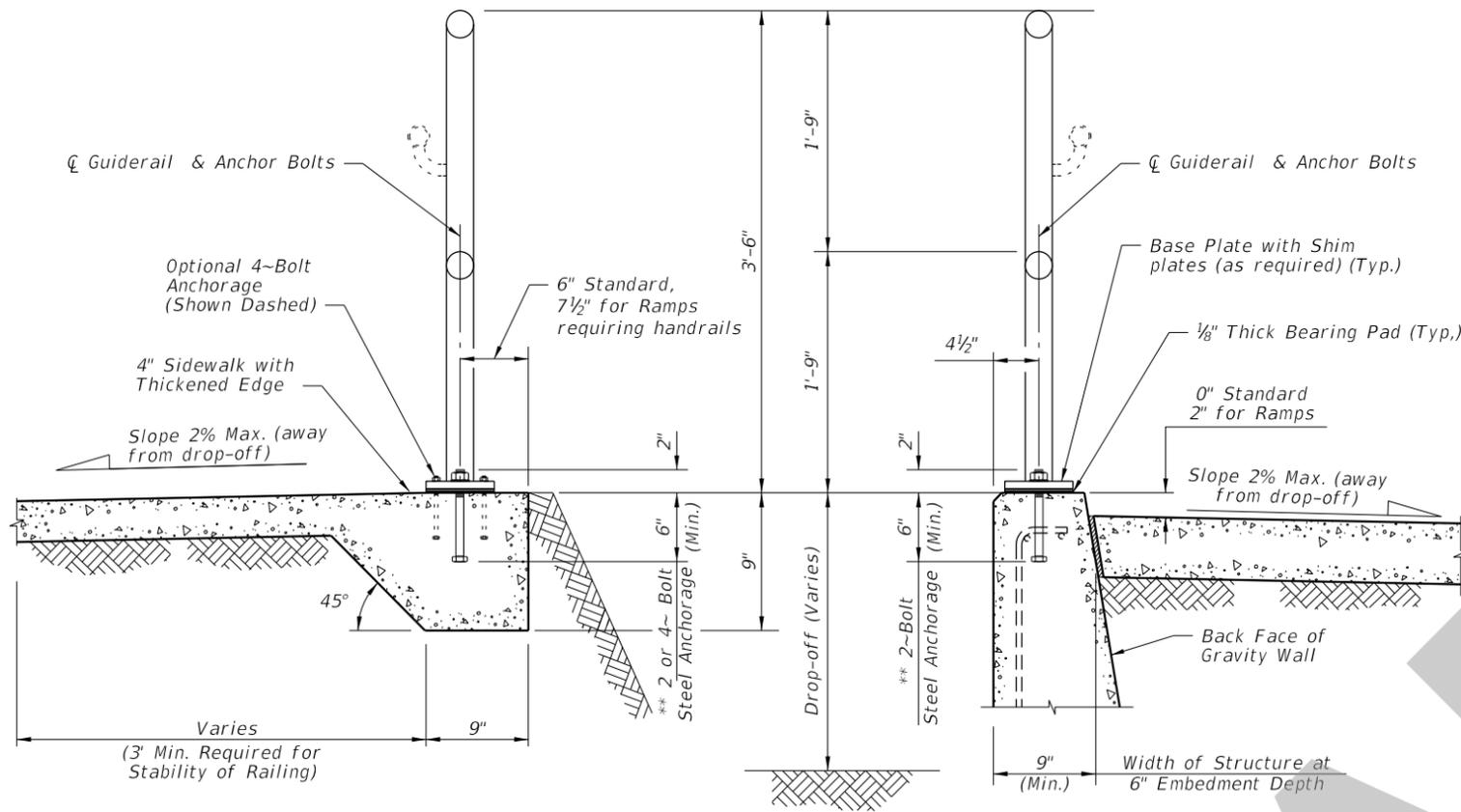


FY 2020-21  
STANDARD PLANS

PIPE GUIDERAIL (STEEL)

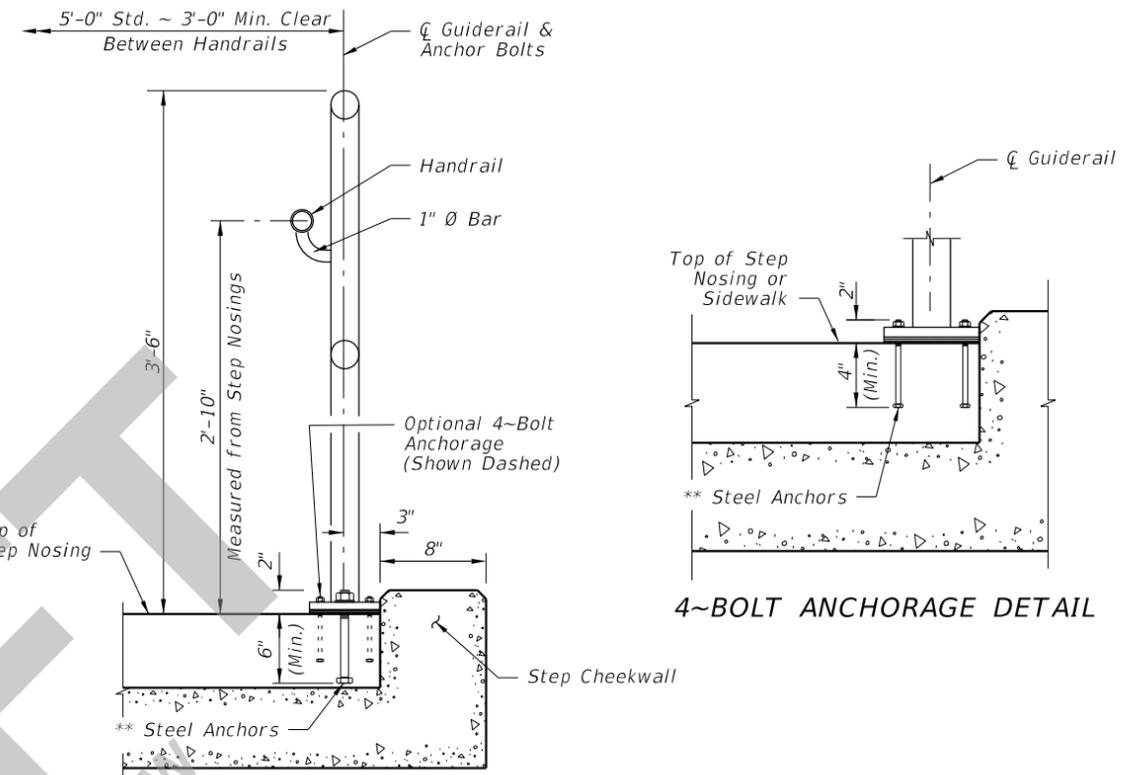
INDEX  
515-080

SHEET  
5 of 5



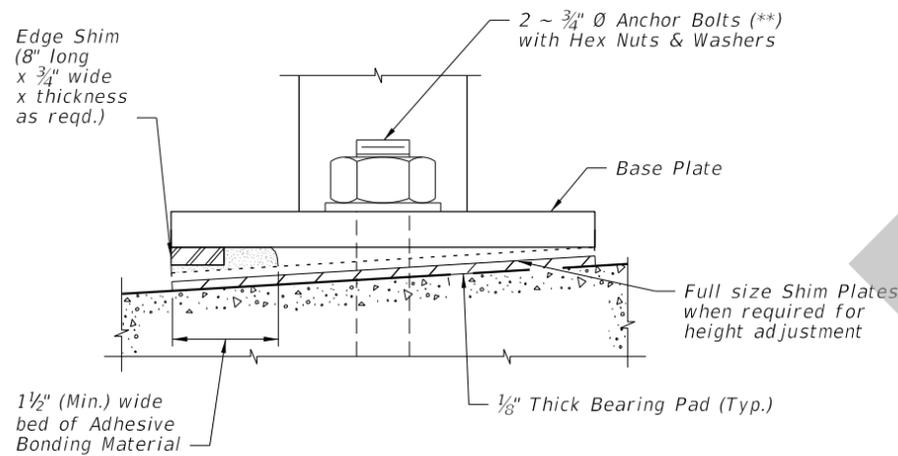
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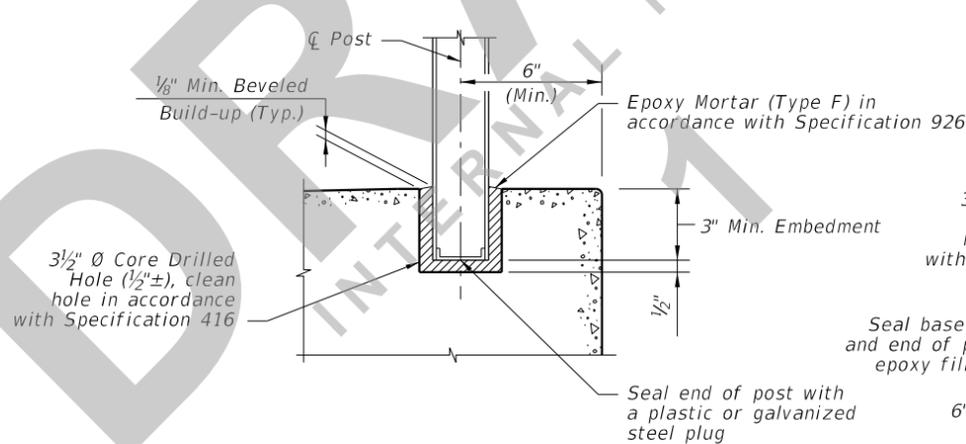


TYPICAL SECTION ON STEPS & STAIRS

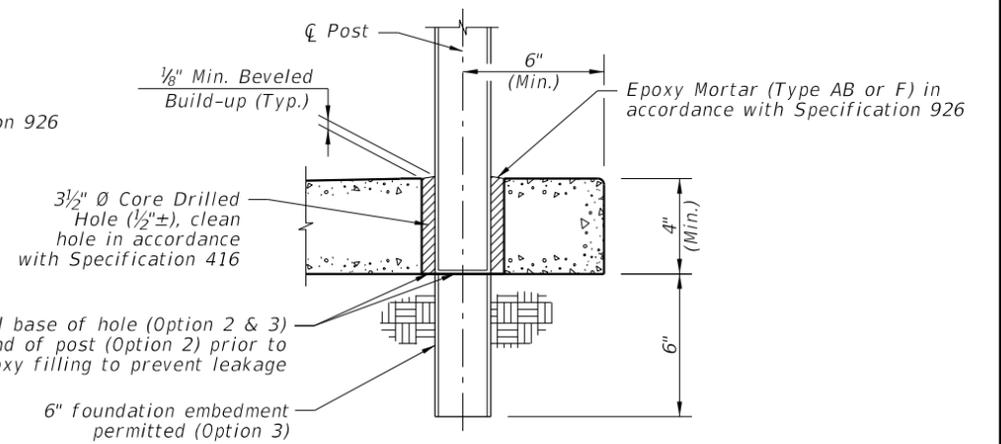
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5/21/2020 1:19:49 PM

LAST REVISION 11/01/20	DESCRIPTION:	 FY 2020-21 STANDARD PLANS	PIPE GUIDERAIL (STEEL)	INDEX 515-080	SHEET 5 of 5
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