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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: March 23, 2020  
Originator: Cheryl Hudson  
Phone: 414-5332  
Email: Cheryl.hudson@dot.state.fl.us

**Standard Plans:**

Index Number: 700-040  
Sheet Number (s): 2  
Index Title: Cantilever Sign Structure

**Summary of the changes:**

Added Note 7 and reference to the note.

**Commentary / Background:**

Due to issue with tearing at the top of the stiffeners, adding a requirement for extra testing when poles are greater than 0.5" thick.

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

- | Yes                      | No                                  |                             |
|--------------------------|-------------------------------------|-----------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Other Standard Plans –      |
| <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 type="checkbox"/> | Proposed Standard Plan Instruction (SPI) |
| <input type="checkbox"/>            | <input type="checkbox"/> | Revised SPI                              |
| <input type="checkbox"/>            | <input type="checkbox"/> | Other Support Documents                  |

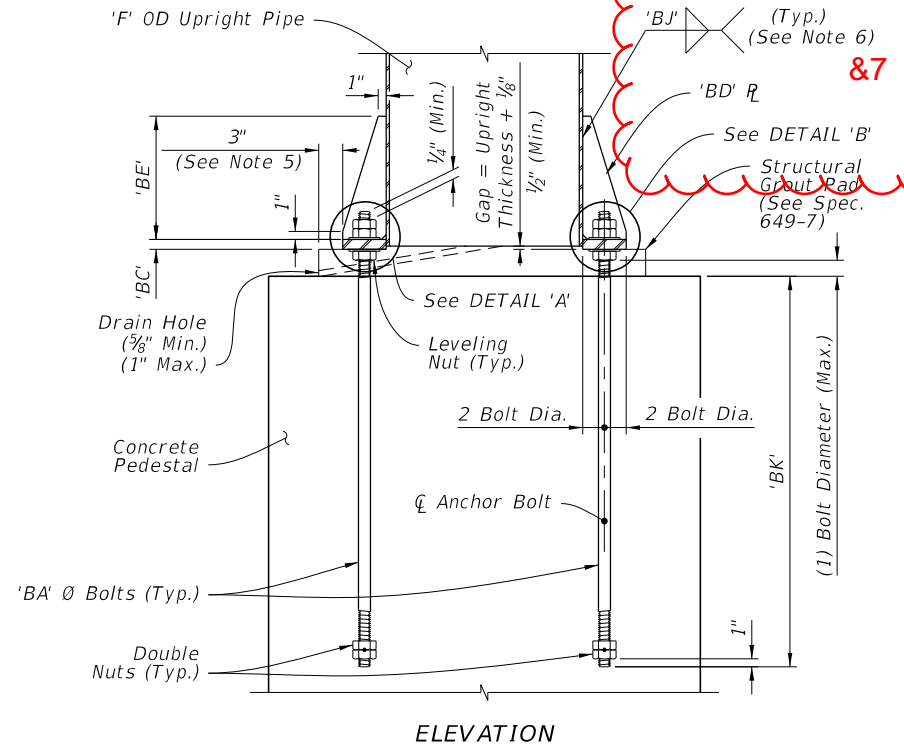
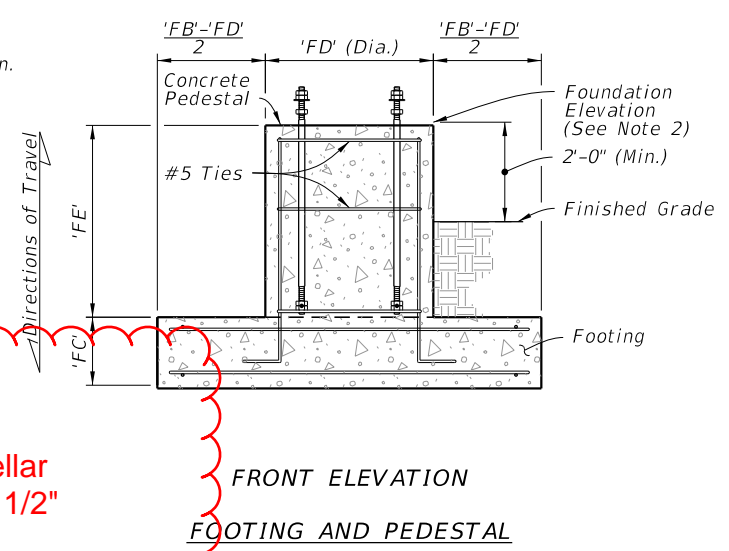
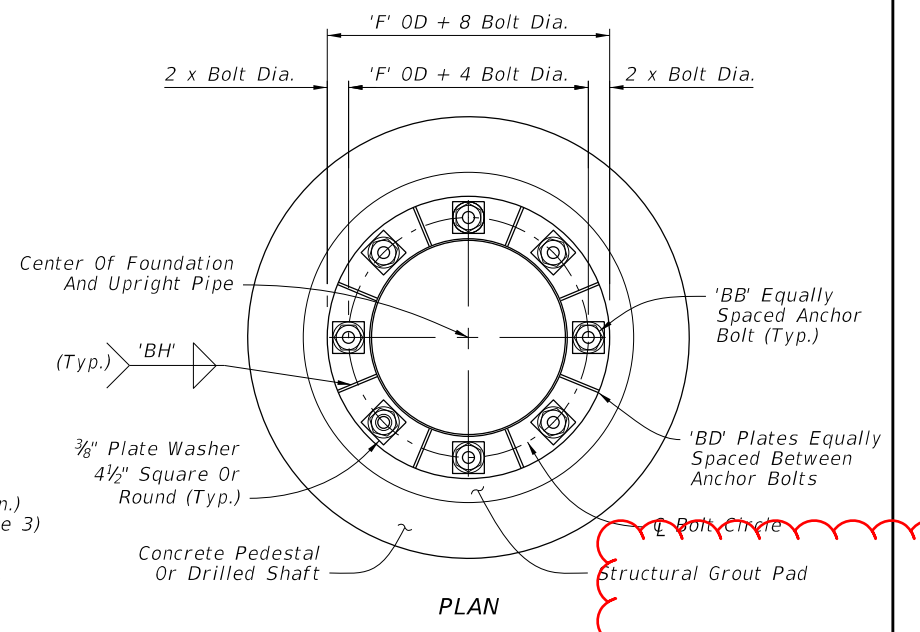
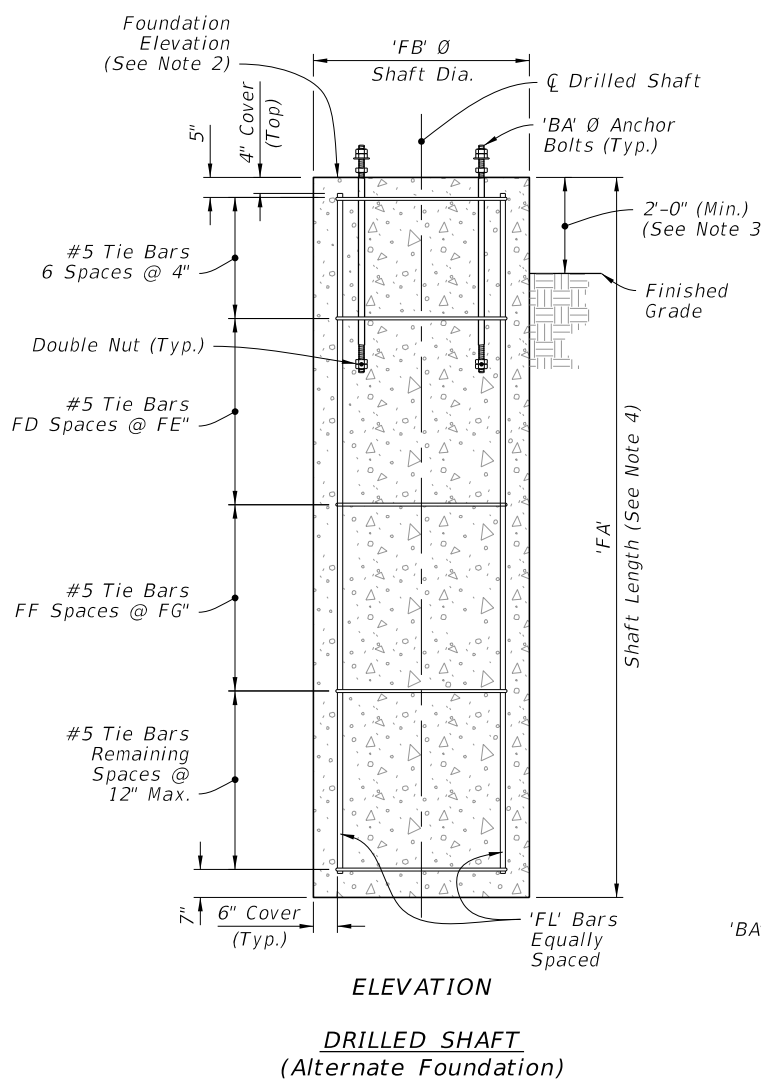
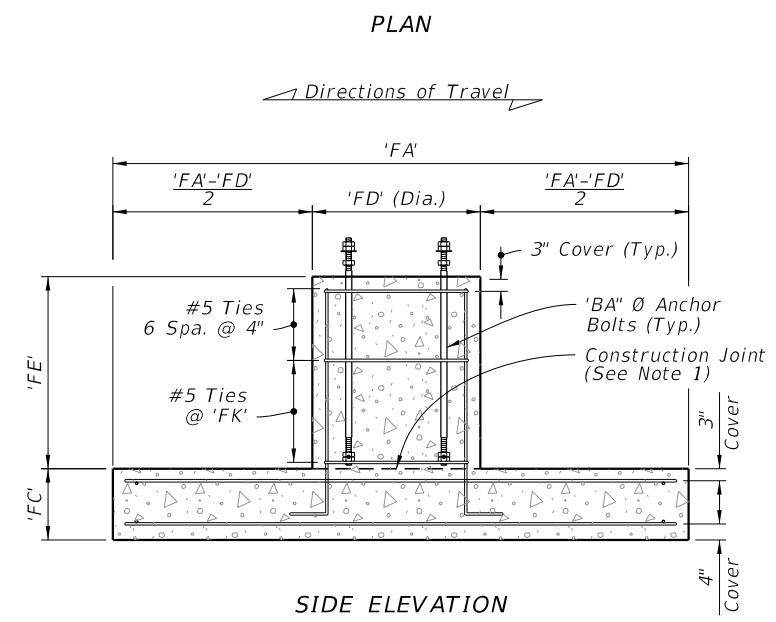
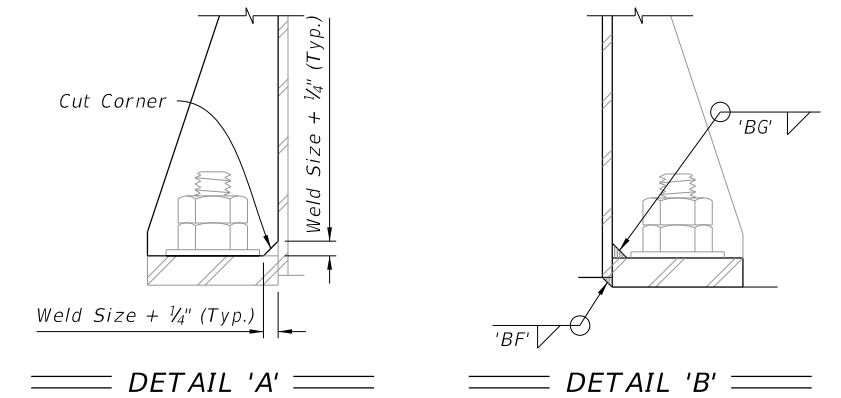
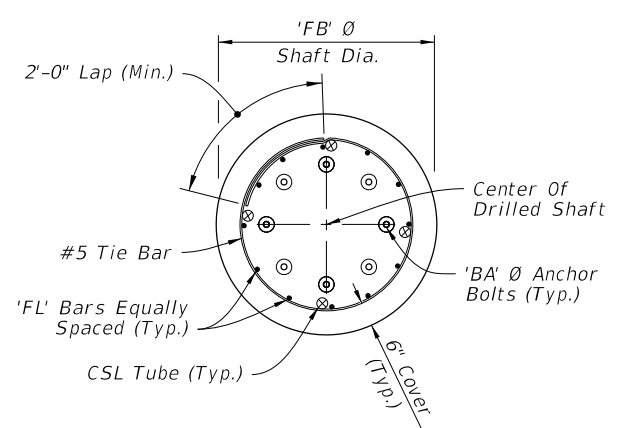
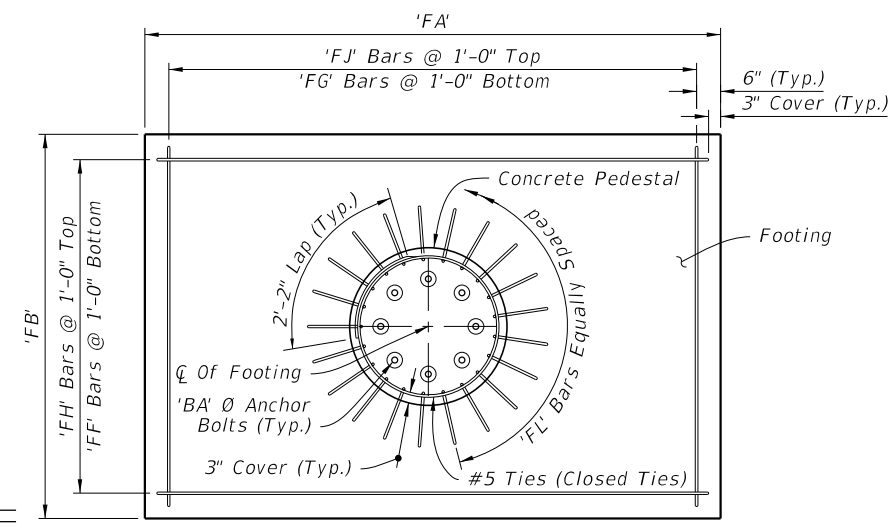
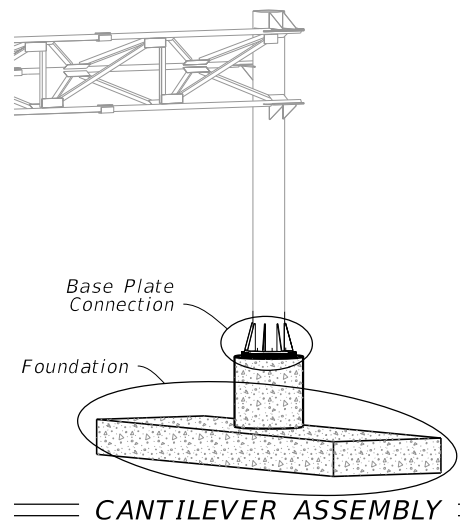
**Implementation:**

- |                                     |                                  |
|-------------------------------------|----------------------------------|
| <input type="checkbox"/>            | Design Bulletin (Interim)        |
| <input type="checkbox"/>            | DCE Memo                         |
| <input type="checkbox"/>            | Program Mgmt. Bulletin           |
| <input checked="" type="checkbox"/> | FY-Standard Plans (Next Release) |

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Contact the Roadway Design Office for assistance in completing this form

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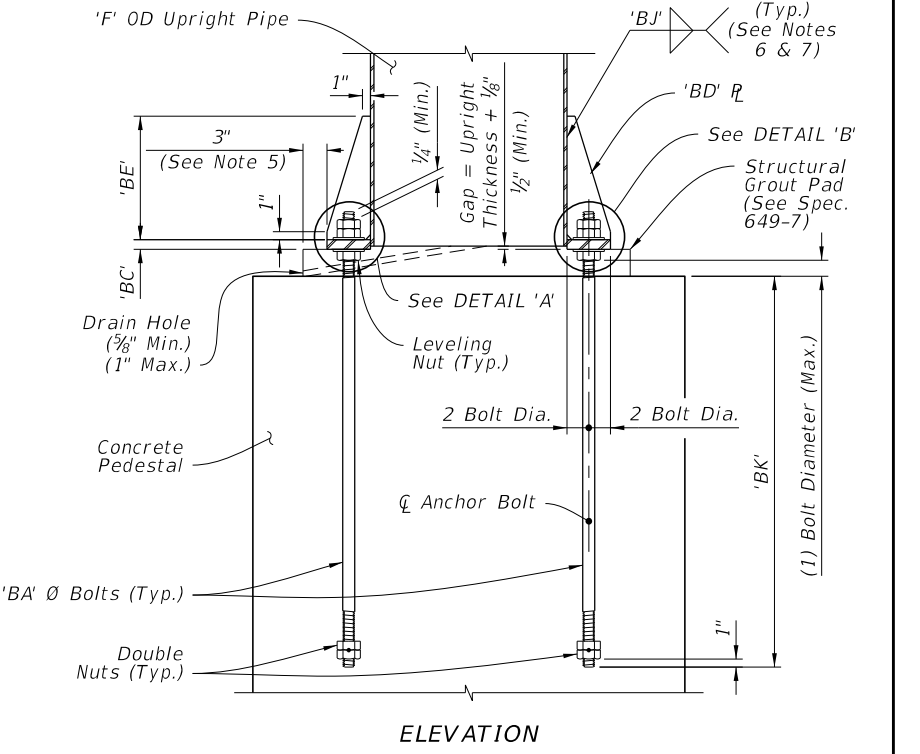
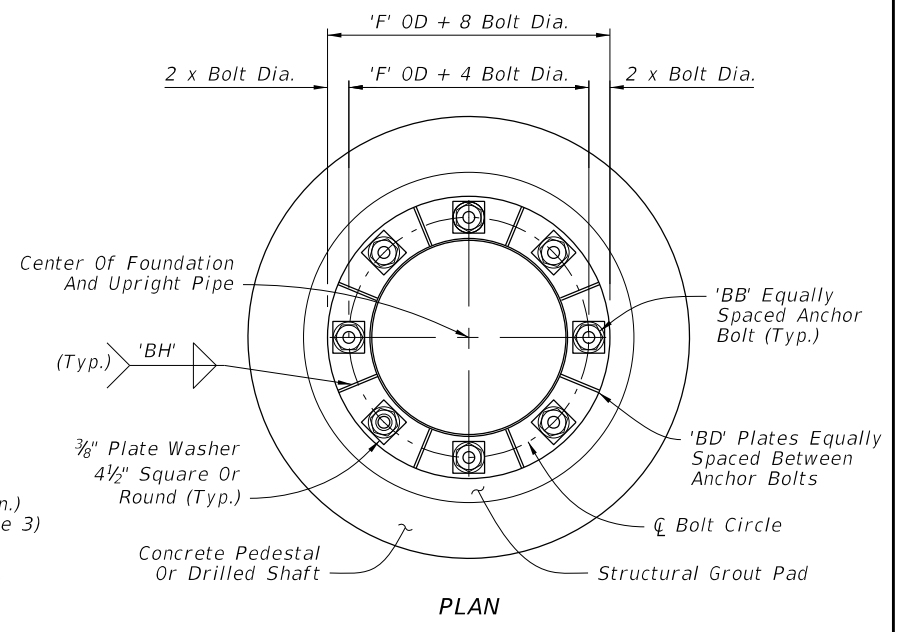
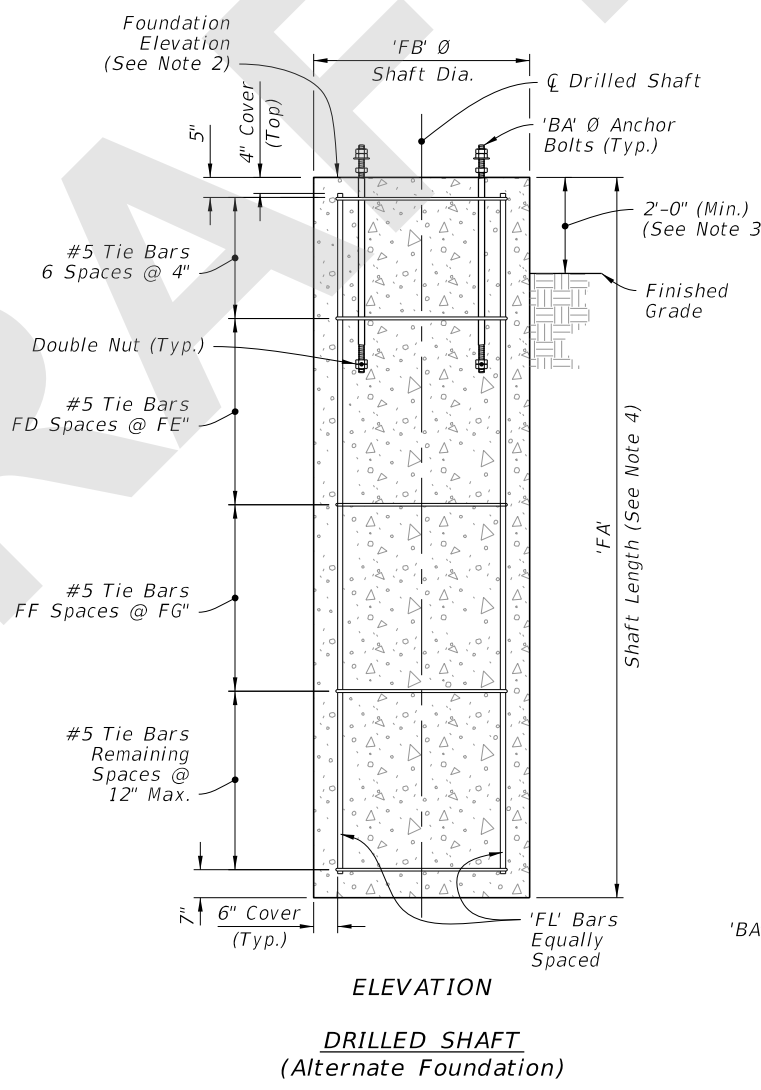
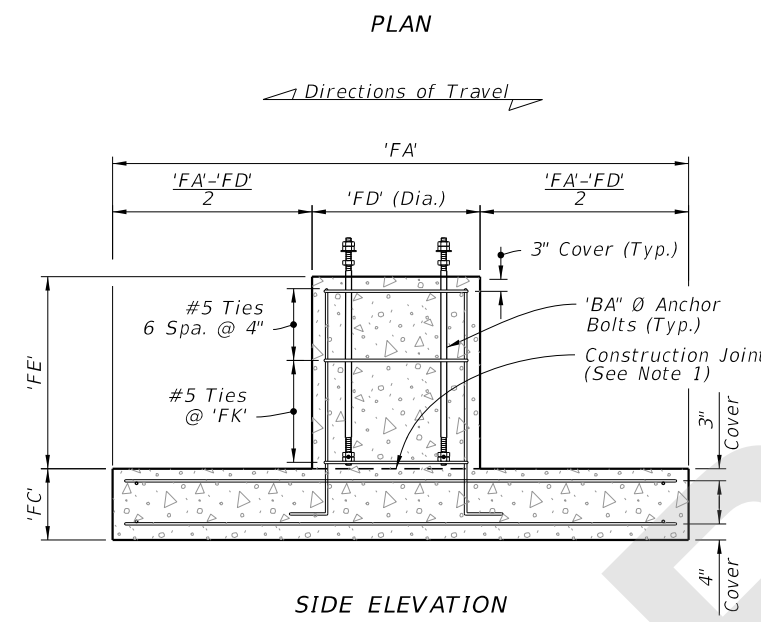
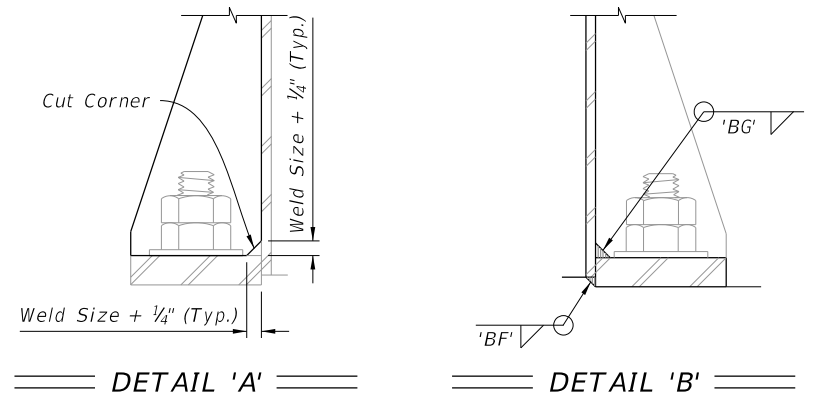
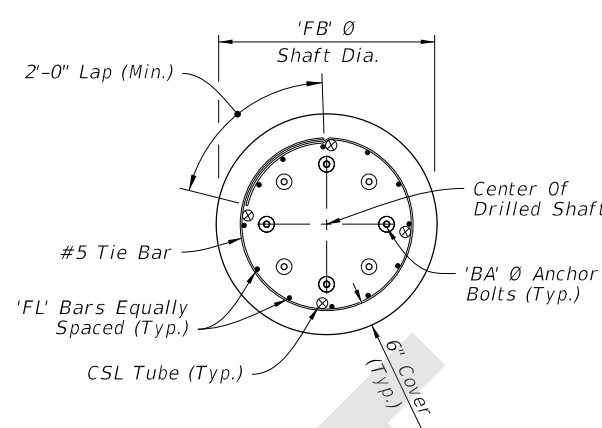
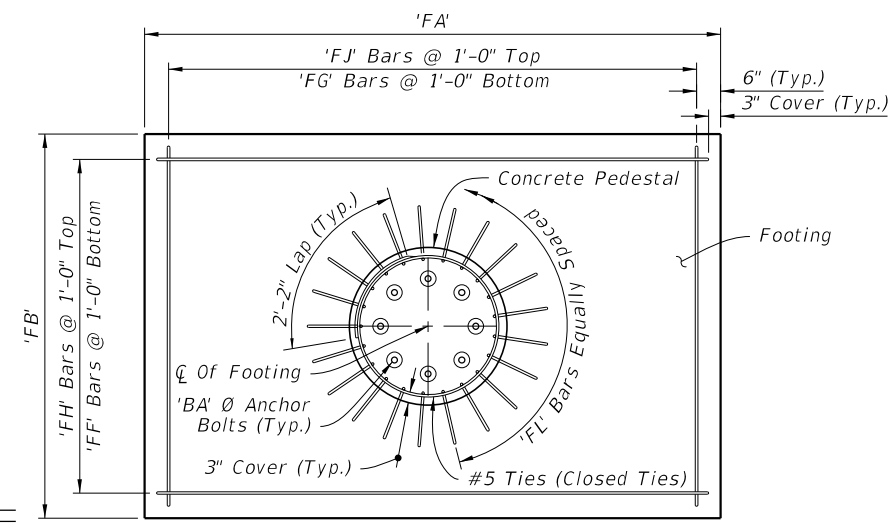
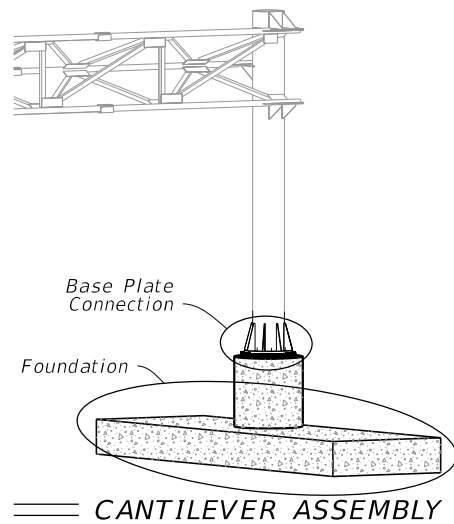
- NOTES:**
1. Construction joint allowed, roughen surface to 1/4" minimum amplitude prior to pour.
  2. See Traffic Plans for elevation at top of Foundation.
  3. Install Drilled Shaft with a 2'-0" minimum from top elevation of the drilled shaft to the finished grade, unless specified otherwise in the plans.
  4. The shaft length is based on 2'-0" height above finished grade.
  5. Structural Grout Pad dimension may be modified to be less than 3" where the footprint of the Structural Grout Pad does not provide adequate clearance for accessibility considerations.
  6. Wrap fillet weld around the stiffener termination on the tube wall.

**7. Provide ultrasonic Testing for Lamellar Tearing when wall thickness exceeds 1/2"**

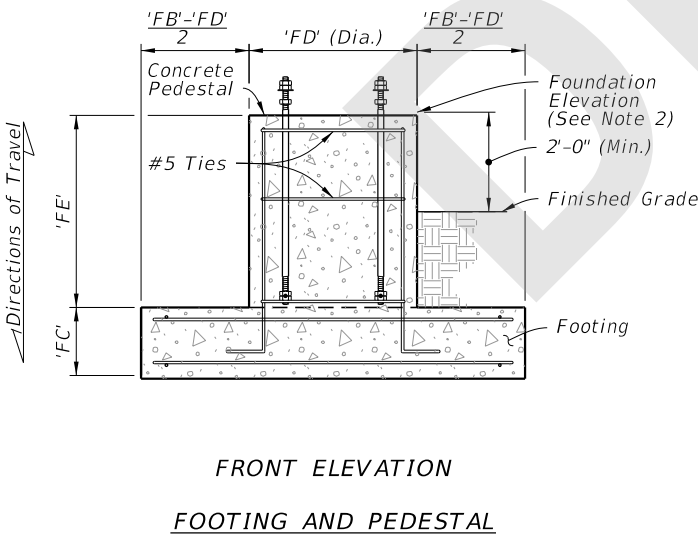
**8 & 7**

10/14/2019 2:28:29 PM

LAST REVISION	DESCRIPTION:
11/01/18	11/01/20



- NOTES:**
- Construction joint allowed, roughen surface to 1/4" minimum amplitude prior to pour.
  - See Traffic Plans for elevation at top of Foundation.
  - Install Drilled Shaft with a 2'-0" minimum from top elevation of the drilled shaft to the finished grade, unless specified otherwise in the plans.
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  - Wrap fillet weld around the stiffener termination on the tube wall.
  - Provide ultrasonic testing for Lamellar Tearing when wall thickness exceeds 1/2"



**FOOTING AND PEDESTAL**

**DRILLED SHAFT (Alternate Foundation)**

**FOUNDATION**

**BASE PLATE CONNECTION**

7/14/2020 12:25:48 PM

LAST REVISION 11/01/20	REVISION	DESCRIPTION:		FY 2021-22 STANDARD PLANS	CANTILEVER SIGN STRUCTURE	INDEX 700-040	SHEET 2 of 5
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