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## ORINATION 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 24, 2023

Originator: Joshua Turley

Phone: (850) 414-4475

Email: [joshua.turley@dot.state.fl.us](mailto:joshua.turley@dot.state.fl.us)

**Standard Plans:**

Index Number: 415-010

Sheet Number (s): 1 of 1

Index Title: BAR BENDING DETAILS (FRP)

**Summary of the changes:**

Sheet 1: Added hook styles to the reinforcing list.

**Commentary / Background:**

Added hook styles to the reinforcing list to be consistent with the steel version of the Standard.

**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:** (Submit package to Rick Jenkins)

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

**Implementation:**

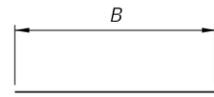
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|-------------------------------------|----------------------------------|
| <input type="checkbox"/>            | Design Bulletin (Interim)        |
| <input type="checkbox"/>            | DCE Memo                         |
| <input type="checkbox"/>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

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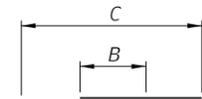
Contact the Roadway Design Office for assistance in completing this form

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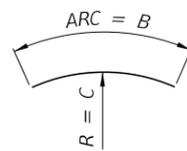
Email to: Rick Jenkins [rick.jenkins@dot.state.fl.us](mailto:rick.jenkins@dot.state.fl.us) and Darren Martin [darren.martin@dot.state.fl.us](mailto:darren.martin@dot.state.fl.us)



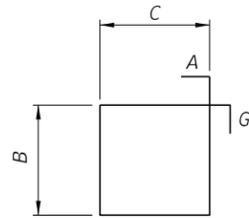
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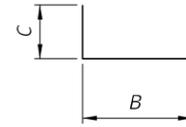
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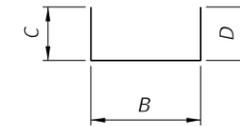
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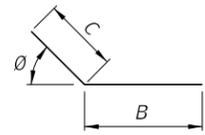
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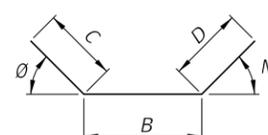
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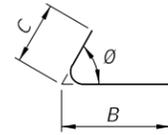
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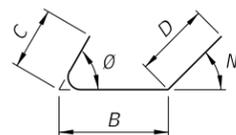
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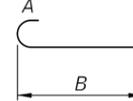
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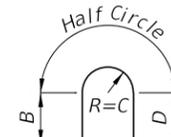
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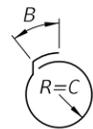
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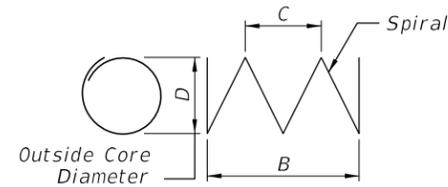
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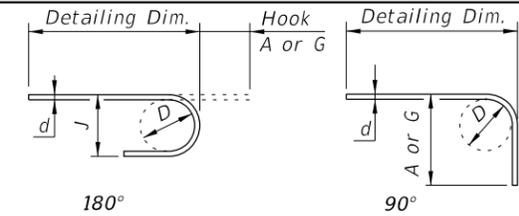
TYPE 24



TYPE 39

SINGLE BAR BENDING DETAILS

HOOK DETAILS



| BAR SIZE | D      | 180° HOOKS |    | 90° HOOKS |
|----------|--------|------------|----|-----------|
|          |        | A OR G     | J  | A OR G    |
| #3       | 2 1/4" | 5"         | 3" | 6"        |
| #4       | 3"     | 6"         | 4" | 8"        |
| #5       | 3 3/4" | 7"         | 5" | 10"       |
| #6       | 4 1/2" | 8"         | 6" | 1'-0"     |
| #7       | 5 1/4" | 10"        | 7" | 1'-2"     |
| #8       | 6"     | 11"        | 8" | 1'-4"     |

|       |   |   |
|-------|---|---|
| STYLE | 1 | 3 |
|-------|---|---|

NOTES

GENERAL  
All dimensions are out-to-out.  
For Bar dimensions See REINFORCING BAR LIST Sheet(s) in Structures Plans.

SPIRALS (TYPE 39 BARS)

C = Pitch  
B = Overall Height  
N = Total number of closed turns at Top and Bottom of columns

Spirals = 1.5 turns

Include spiral splice in Contract Unit Price for FRP Reinforcing.

HOOKS

All Dimensions are approximate.  
Hook Styles Detailed on this sheet are for Illustration Only.  
Actual Hook Style for any particular bar will be shown under A or G Heading on REINFORCING BAR LIST sheet(s) in Structures Plans.

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11/01/23

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|---------------|--------------|
| 11/01/22      |              |

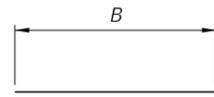
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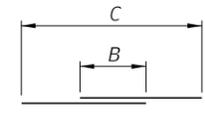
FY 2023-24  
STANDARD PLANS

BAR BENDING DETAILS (FRP)

|         |        |
|---------|--------|
| INDEX   | SHEET  |
| 415-010 | 1 of 1 |

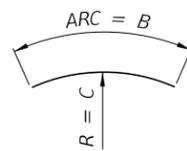


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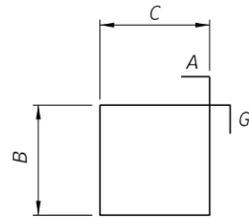


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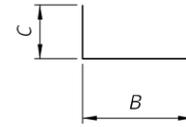
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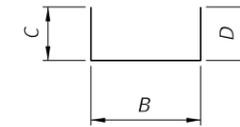
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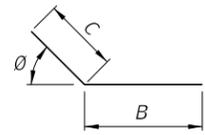
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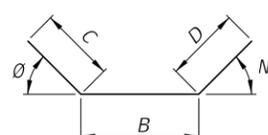
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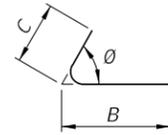
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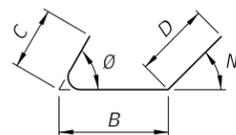
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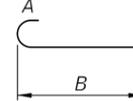
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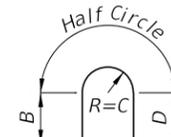
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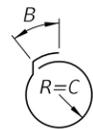
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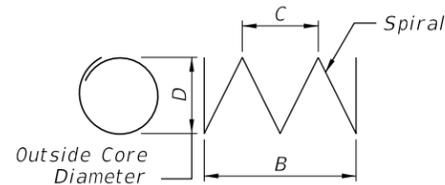
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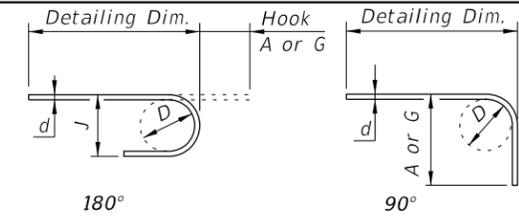
TYPE 24



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| LAST REVISION | DESCRIPTION: |
|---------------|--------------|
| 11/01/23      |              |



FY 2024-25  
 STANDARD PLANS

BAR BENDING DETAILS (FRP)

|         |        |
|---------|--------|
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