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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 28, 2021  
Originator: Rick Jenkins  
Phone: (850) 414-4355  
Email: rick.jenkins@dot.state.fl.us

**Standard Plans:**

Index Number: 515-062  
Sheet Number (s): 6  
Index Title: Pedestrian/Bicycle Railing (Aluminum)

**Summary of the changes:**

Sheet 6- Added knuckled selvage as an option to the chain-link railing option

**Commentary / Background:**

The selvage requirements detailed on Index 515-062 were based on a conservative approach to secure the bottom edge. Using knuckle selvage top and bottom would be acceptable.

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

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other Standard Plans –
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FDOT Design Manual –
<input type="checkbox"/>	<input type="checkbox"/>	Basis of Estimates Manual –
<input type="checkbox"/>	<input type="checkbox"/>	Standard Specifications –
<input type="checkbox"/>	<input type="checkbox"/>	Approved Product List –
<input type="checkbox"/>	<input type="checkbox"/>	Construction –
<input type="checkbox"/>	<input 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

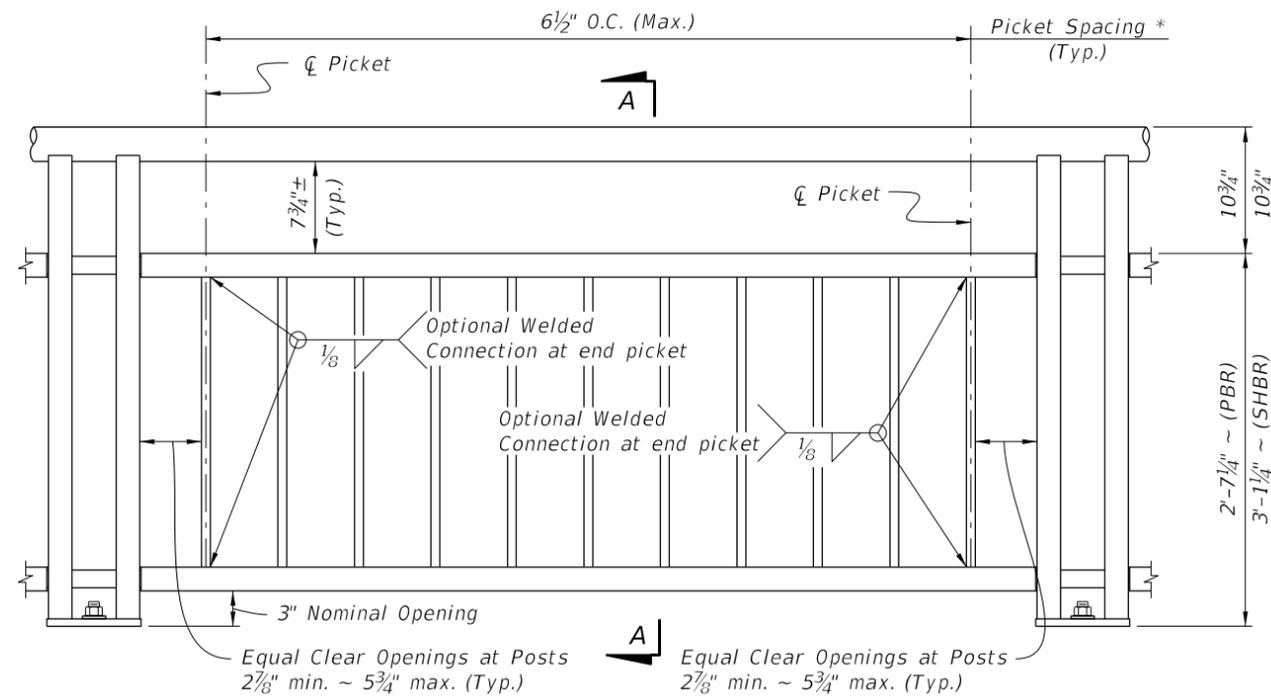
**Implementation:**

<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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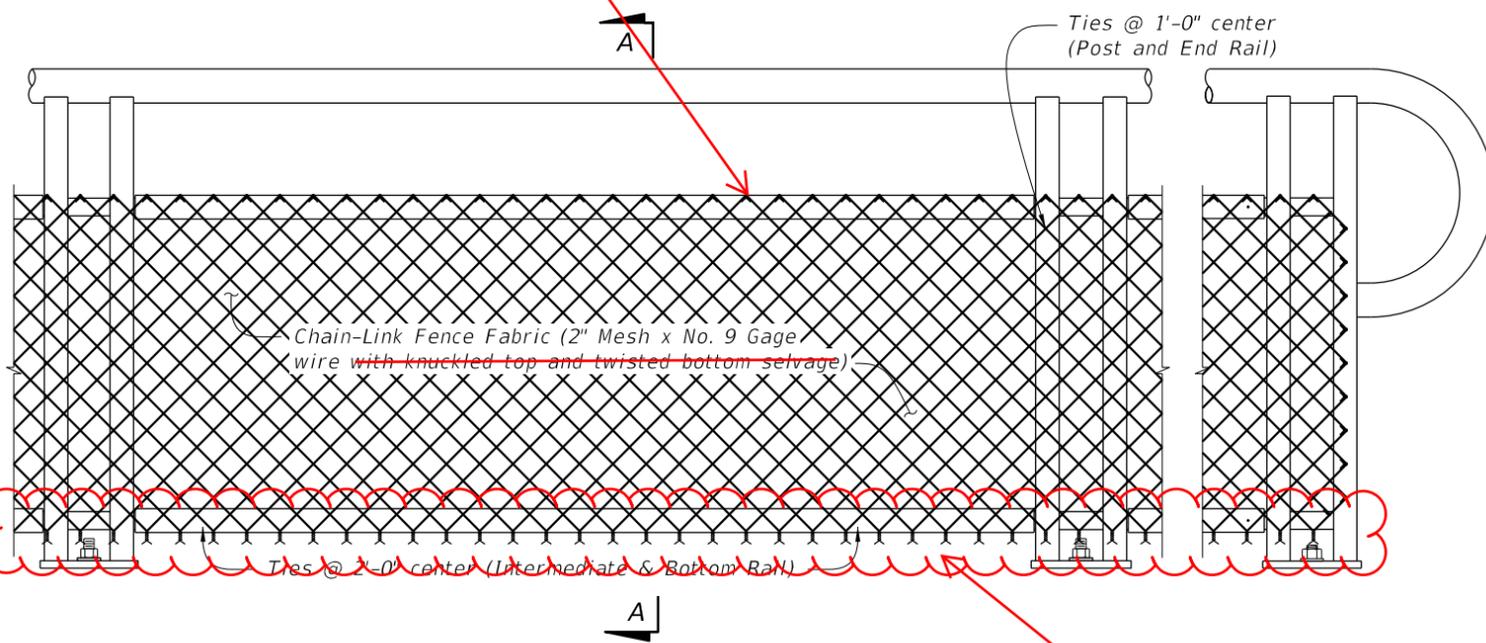


**TYPE 1 - PICKET INFILL PANEL**

**PICKET NOTES:**

\* Picket Spacing of 6 1/2" centers is based on a 3/4" Ø Bar for standard applications. When shown in the Contract Plans a 4 1/2" picket spacing may be required. See Note 4 (Sheet 1).

**Knuckled Selvage (Typ.)**



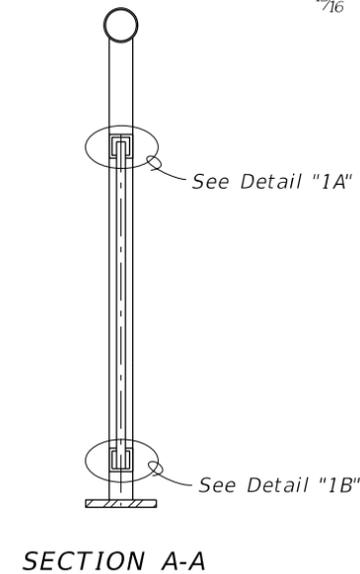
**TYPE 2 - CHAIN-LINK (Continuous Infill Panel)**

**NOTES:**

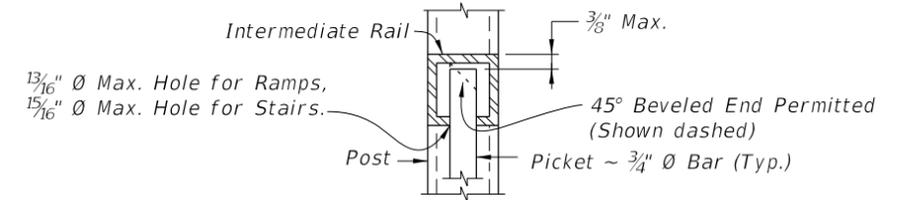
1. See Plans for Infill Panel option required.

**Redraw as knuckled**

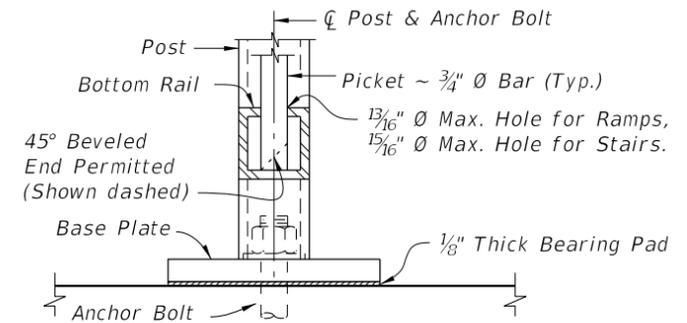
**Knuckled Selvage (Typ.)**



**SECTION A-A**



**DETAIL "1A"  
(Top of Picket Connection)**



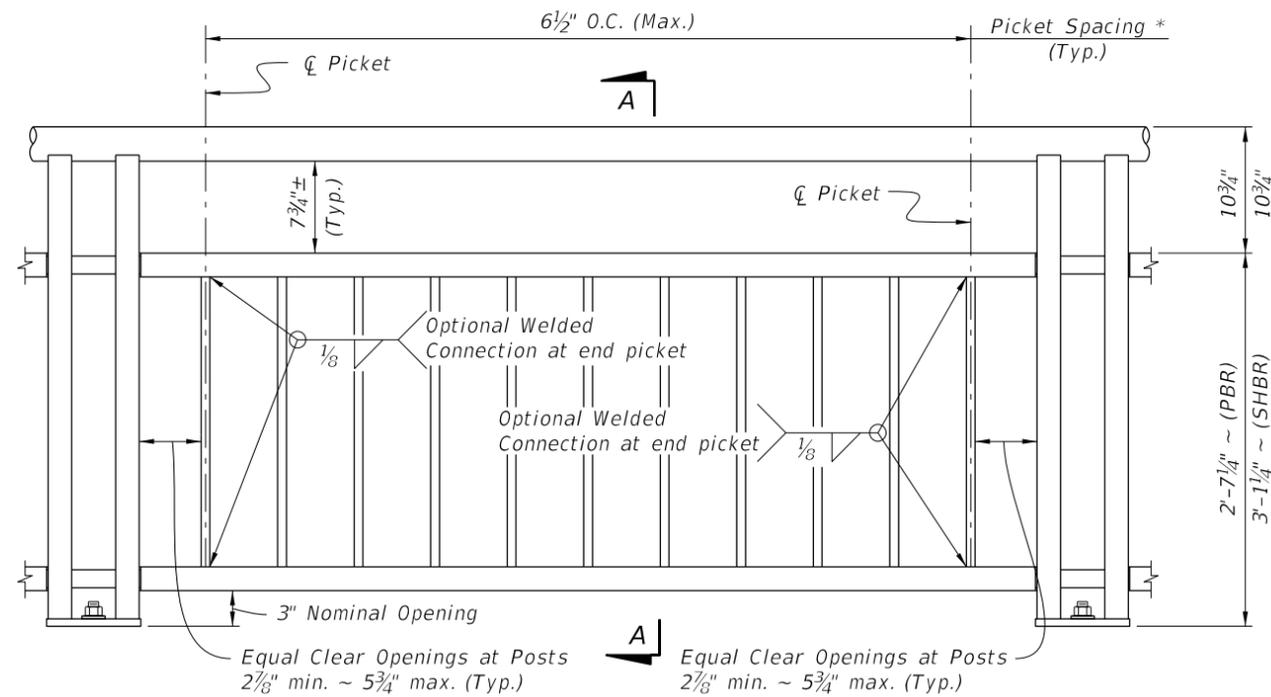
**DETAIL "1B"  
(Bottom of Picket Connection)**

TABLE 2 - CHAIN-LINK PANEL COMPONENT MATERIALS		
COMPONENT	ASTM	COMPONENT INFORMATION
Chain-Link Fence Fabric (2" mesh with <del>twisted bottom and knuckled top selvage</del> )	A392	Zinc-Coated Steel - No. 9 gage (coated wire diameter), Class 2 Coating
	A491	Aluminum-Coated Steel - No. 9 gage (coated wire diameter)
	F668	Polyvinyl Chloride (PVC) Coated Steel - No. 9 gage Zinc-Coated Wire (metallic-coated core wire diameter) ~ See Plans for specified color of PVC.
Tie Wires	F626	Zinc-Coated Steel Wire - No. 9 gage with coating to match Chain-Link Fence Fabric.
Tension Bars	F626	3/16" (min. thickness) x 3/4" (min. width) x 2'-3' (min. height) Steel Bars
Miscellaneous Fence Components	F626	Zinc-Coated Steel

**CHAIN-LINK PANEL NOTE:**

Chain-Link Fence Fabric shall be continuous along limits of railing. Splicing of Chain-Link panels using Tension Bars at 20'-0" minimum increments is permitted.

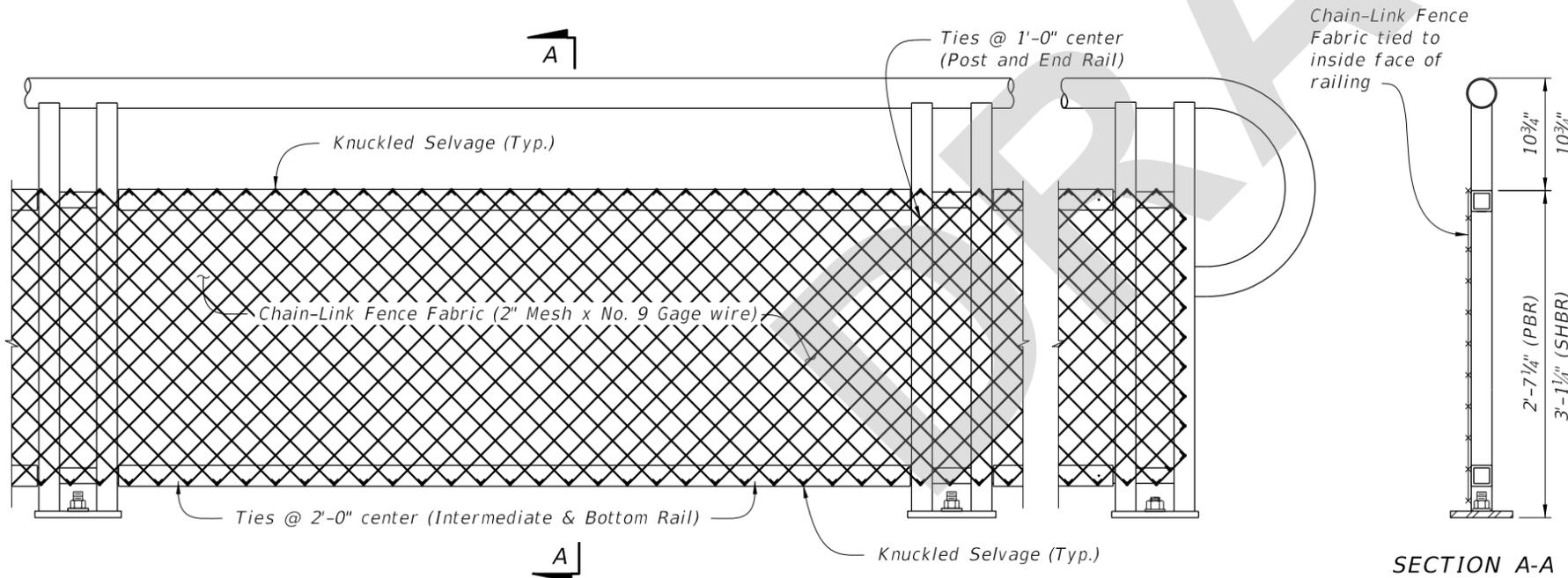
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**TYPE 1 - PICKET INFILL PANEL**

**PICKET NOTES:**

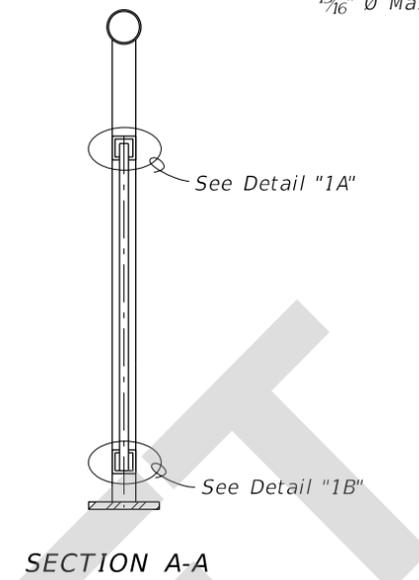
\* Picket Spacing of 6 1/2" centers is based on a 3/4" Ø Bar for standard applications. When shown in the Contract Plans a 4 1/2" picket spacing may be required. See Note 4 (Sheet 1).



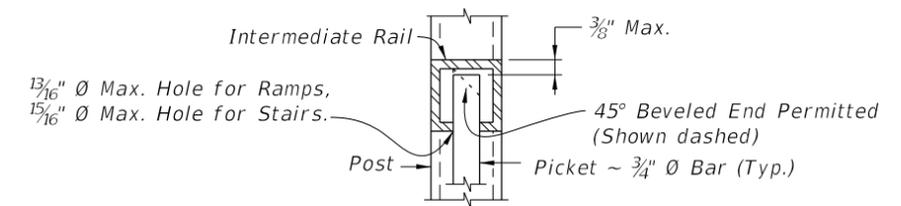
**TYPE 2 - CHAIN-LINK (Continuous Infill Panel)**

**NOTES:**

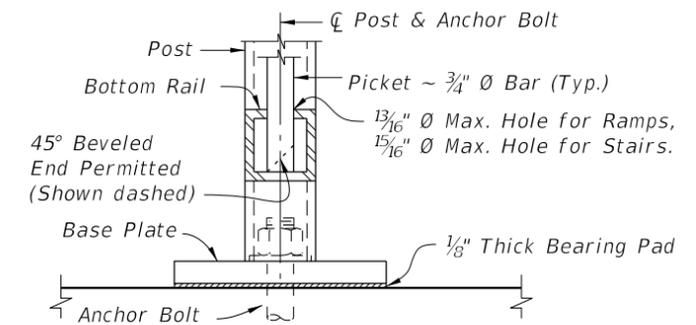
1. See Plans for Infill Panel option required.



**SECTION A-A**



**DETAIL "1A"  
(Top of Picket Connection)**



**DETAIL "1B"  
(Bottom of Picket Connection)**

TABLE 2 - CHAIN-LINK PANEL COMPONENT MATERIALS		
COMPONENT	ASTM	COMPONENT INFORMATION
Chain-Link Fence Fabric (2" mesh with knuckled top and bottom selvage)	A392	Zinc-Coated Steel - No. 9 gage (coated wire diameter), Class 2 Coating
	A491	Aluminum-Coated Steel - No. 9 gage (coated wire diameter)
	F668	Polyvinyl Chloride (PVC) Coated Steel - No. 9 gage Zinc-Coated Wire (metallic-coated core wire diameter) ~ See Plans for specified color of PVC.
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