

2016

DESIGN STANDARDS

FDOT

		J
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10 Max.		
10 Max.		
14 Ga. x ¾" Tension 5 Per Bar Equally S		
n LINE POST		
Note: Tubulaı	r Post Illustrate	ed
END POST		
ia. zinc galvanized at the rate of 1	1.8 oz./ft².:	
11. Fables Schedule 40; 1¼" nominal di	a.,	
M111. or B221, Alloy 6063, T6.		
l strength ASTM A569/A569M, A653 ase materials; ASTM F669 Group IV	/A653M /	
PS, 1.660" dec. equiv., 0.111" min. w equivalent internal coating Types A	vall thick.	
nate conversion coating of external lymer film topcoat shall have a th	Туре В	
t restricted to the combinations of	Table 2,	
bed selvage top and bottom for all	l options	
age (coated wire diameter), coated <sup>c</sup> ied to 1.8 oz./ft².).	at the	
9 gage (coated wire diameter), coa	ated	
nated Steel, No. 9 guage (coated co ng: M181 Class A (either extruded o	or extruded	
Unless the plans call for M181 st ing color shall be soft gray match		
of 1.2 oz./ft <sup>2</sup> .: AASHTO M181.	onto	
larger conforming to the requirem Alloy 5056 Temper H192. e rate of 0.040 oz./ft².: AASHTO M		
e rate of 0.040 02./Tt AASTITO M	101.	
f 1.2 oz./ft². larger conforming to the requirem	ents of	
ру 5056 Temper Й192. he rate of 0.040 oz./ft².		
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## GENERAL NOTES CONTINUED

- 5. Unless a specific material is called for in the plans the Contractor may elect to use either a single type of material or a combination of material types from the component options listed in note 4. Combinations of optional materials are restricted as follows:
  - (a) Only one fabric optional material will be permitted between corner and/or end post assemblies. (b) Only one line post optional material will be permitted between corner and/or end post assemblies. (c) Pull post assemblies shall be optional materials identical to either the linepost optional material or the corner and end post assembly optional material; but, pull post assemblies shall be the same optional material between any set of corner and/or end post assemblies.
- 6. Concrete for bases shall be Class NS concrete as specified in Section 347 of the Standard Specifications or a packaged, dry material meeting the requirements of a concrete under ASTM C-387. Materials for Class NS concrete may be proportioned by volume and/or by weight.
- 7. Line post shall be 8'-6" long (Standard). Line post are to be set in concrete as described above or by the following methods:
  - (a) In accordance with special details and/or as specifically described in the contract plans and specifications.
  - (b) In accordance with ASTM F567 Subsections 5.4 through 5.10 as approved by the Engineer. Line post installed in accordance with Section 5.8 shall be 9'-6" long.
  - (c) Post mounted on concrete structure or solid rock shall be mounted in accordance with the base plate detail "Fence Mounting On Concrete Endwalls And Retaining Wall", Sheet 3; or, by embedment in accordance with ASTM F567 Subsection 5.5.

End, pull and corner post assemblies shall be in concrete as detailed above for all soil conditions other than solid rock. Post within assemblies that are located on concrete structures or solid rock shall be set by base plate or by embedment as prescribed under (b) above for line post.

Line and assembly posts for 6' fence which must be lengthened due to a variation in the normal ground clearance, shall be set an additional 3" in depth for each 1' of of additional ground clearance.

- 8. Pull post shall be used at breaks in vertical grades of 15° or more, or at approximately 350' centers except that this maximum interval may be reduced by the Engineer on curves where the curve is greater than 3°.
- 9. Corner post are to be installed at all horizontal breaks in fence at 15° or more and as required at vertical breaks over 15° as determined by the Engineer.
- 10. When fence has an installed top of fabric height less than 6' knuckled top and bottom selvages shall be used unless the plans specifically identify locations for twisted selvage fabrics.
- 11. Unless sliding gates or special gates are called for in the plans, all gates shall be chain link swing gates meeting the material requirements described and as approved by the Engineer. Payment shall include the gates, single or double, all necessary hardware for installation and any additional length and/or size for posts at the opening. Gates shall be paid for under the contract unit price for Fence Gates, EA.
- 12. For construction purposes corner post assemblies shall consist of one corner post, two braces, two truss rods, and all necessary fittings and hardware as detailed. End post assemblies shall consist of one end post, one brace, one truss rod and all necessary fittings and hardware as detailed.
- 13. In areas where there are physical constraints outside the right-of-way which restricts the fence construction, the fabric may be installed on the inside of the posts..

TYPE IV VINYL COATED FABRIC								
AASHTO M181 Table 4 Redefined As Follows								
				PVC Thickness Range				
	ied Dia tallic Co Nire		Minimum Weight Of Zinc Coating And Bonded Coat		Dr Extruded	M181 Class B (Bonded Coating)		
in.	mm	gage	oz./ft².	g/m²	in.	mm	in.	mm
0.148	3.77	9	0.30	92	0.015 to 0.025	0.38 to 0.64	0.006 to 0.010	0.15 to 0.25

## DESIGN NOTE

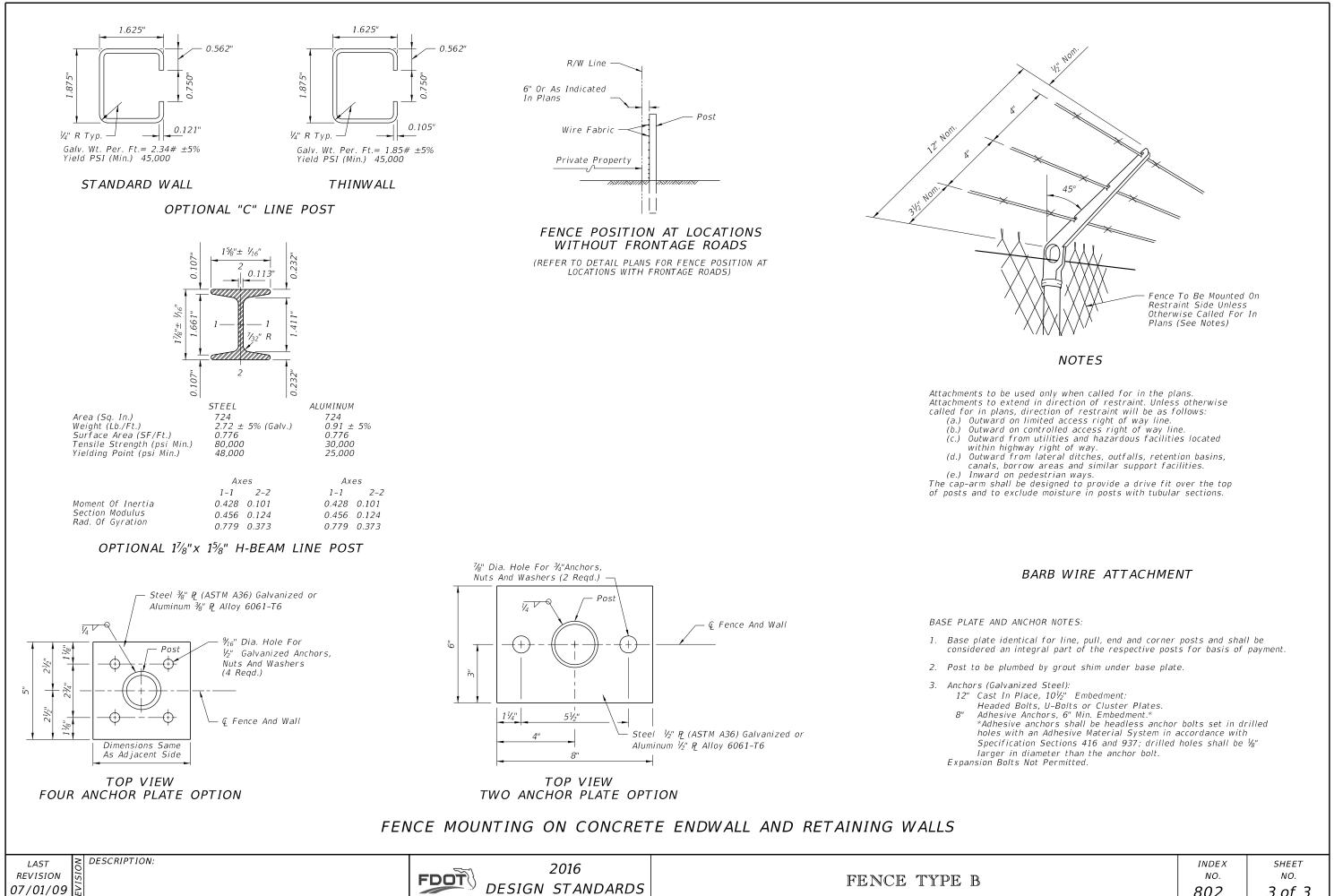
This index details fencing that is constructed with chain link fabric 6' (nominal) in height and with specific ground clearance. For fencing of different height or installation details, the fence shall be fully detailed in the Contract plans.

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FENCE TYPE B

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