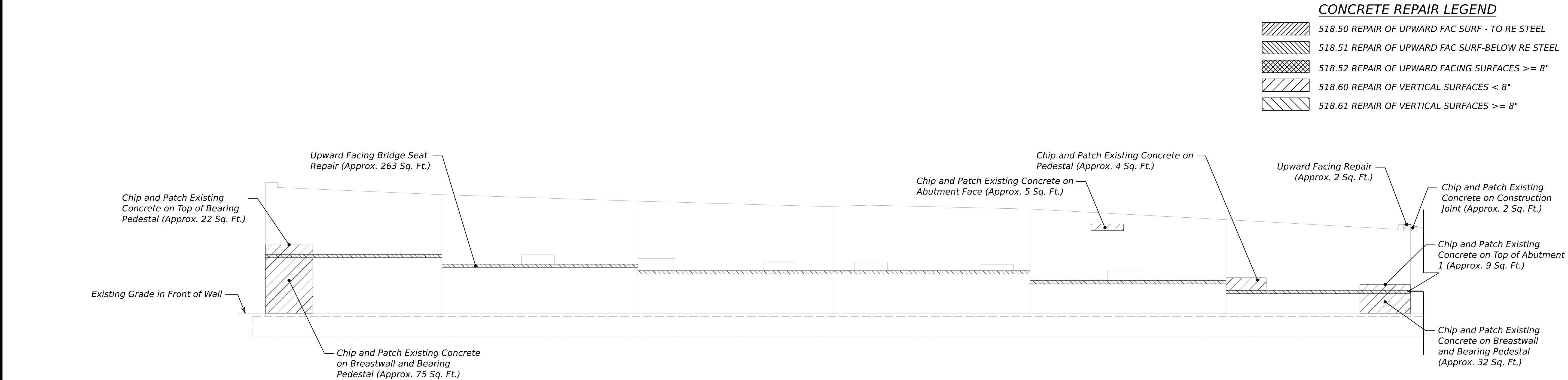
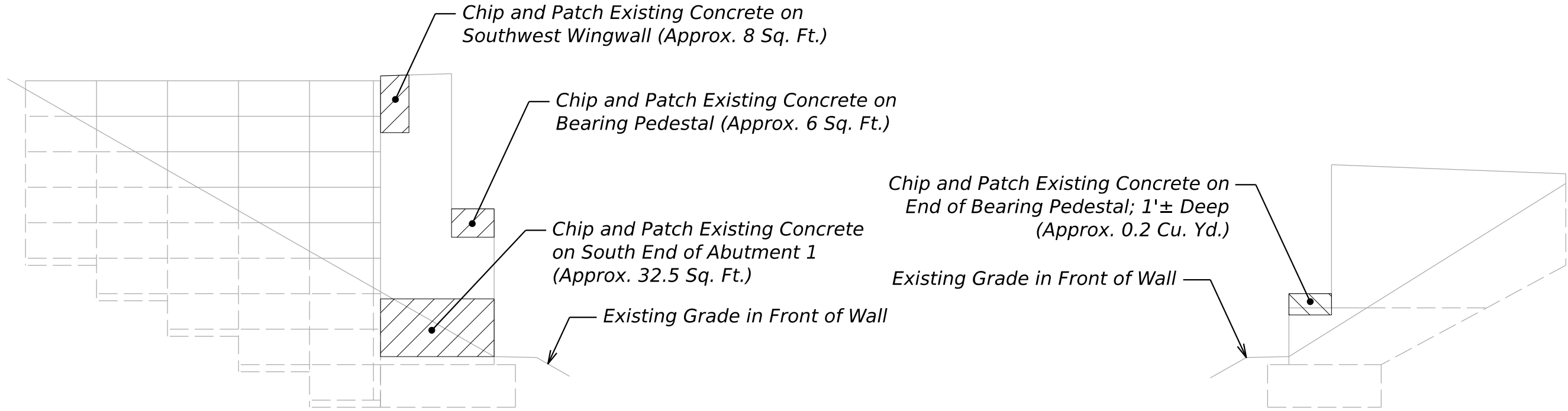




ABUTMENT 1 - ELEVATION



ABUTMENT 1 - SOUTH WING ELEVATION

ABUTMENT 1 - NORTH WING ELEVATION

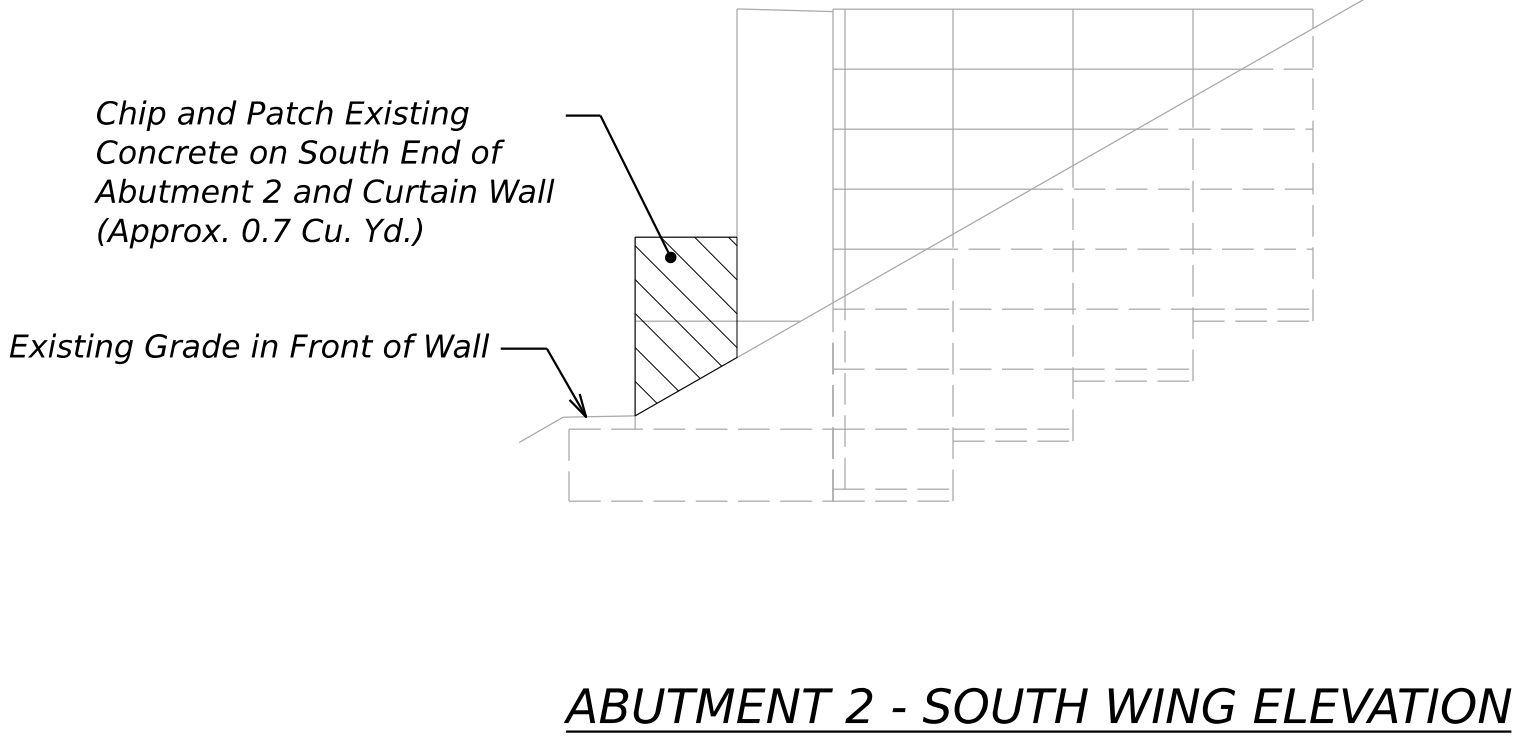
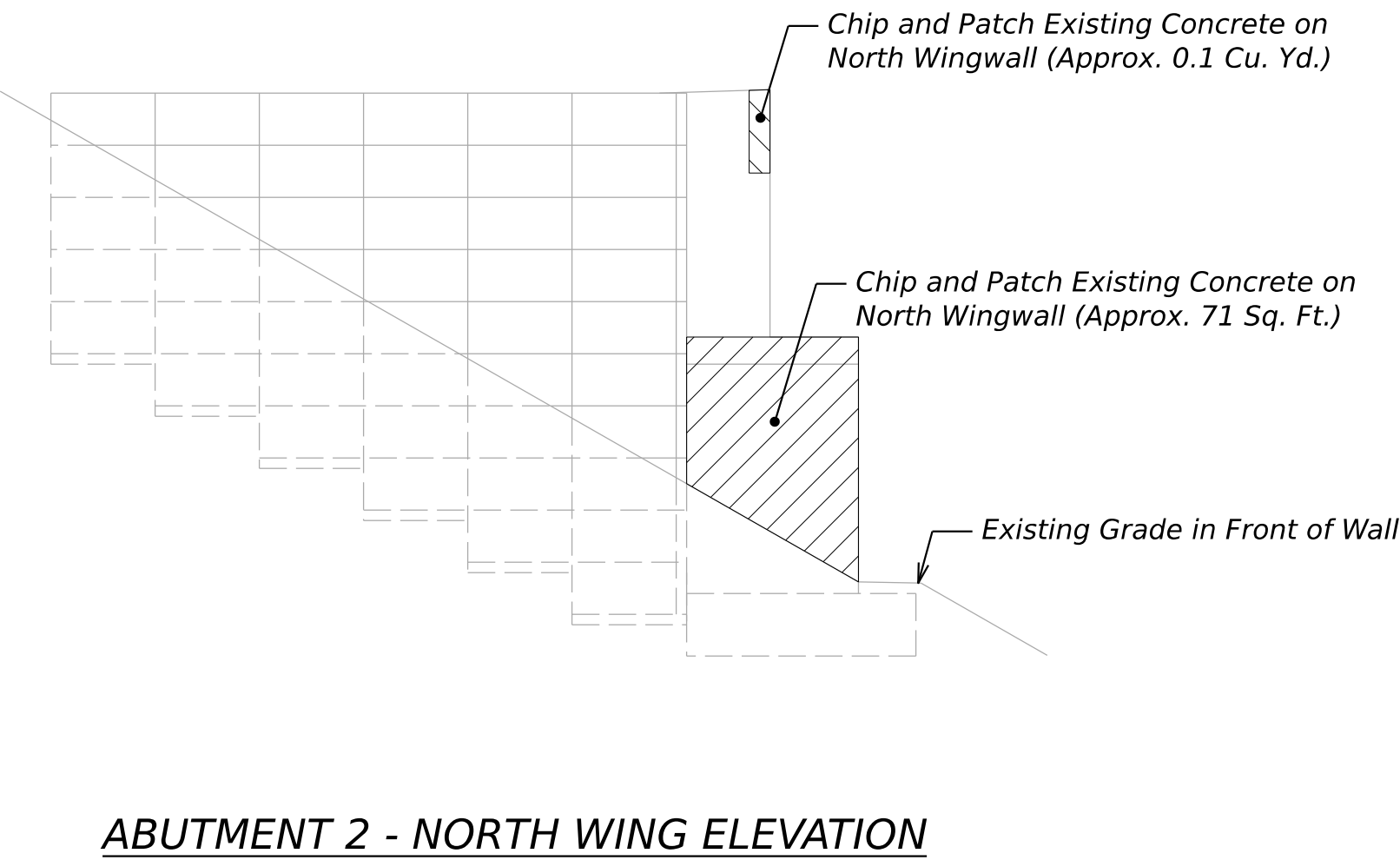
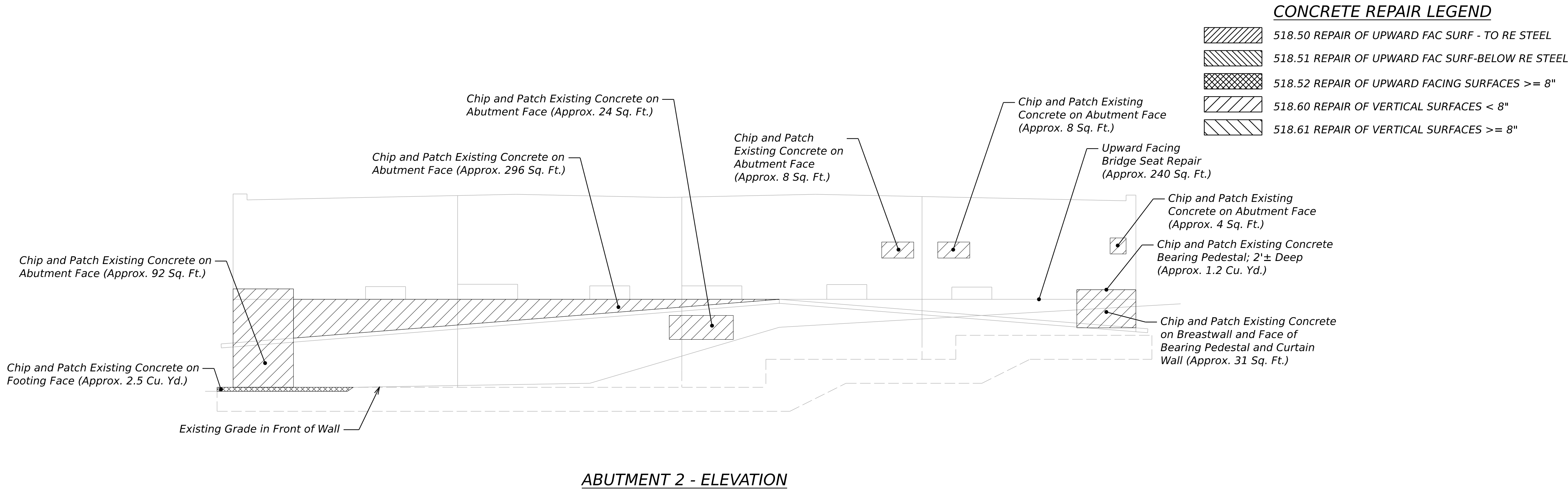
ABUTMENT AND WINGWALL REPAIR NOTES:

1. The Design-Builder shall use care not to damage the existing reinforcing steel which is to remain. Any reinforcing steel damaged by the Design-Builder shall be replaced as directed by the Resident at no expense to the Department.
2. The Design-Builder shall locate by non-destructive methods, reinforcing steel in existing concrete before drilling and grouting new reinforcing steel or anchor rods to avoid conflicts.
3. Reinforcing steel shall have 2 inches cover unless otherwise approved by the Resident.
4. Existing concrete at abutments and wingwalls to be removed as shown on the Plans shall be sawcut 1 inch deep prior to removing existing concrete.
5. Where drilling and anchoring of reinforcement is implemented, the Deisgn-Builder shall use a material listed on the Maine Department of Transportation Qualified Products List of Concrete Adhesive Anchor Systems. The depth of embedment shall be sufficient to develop 125% of the yield strength of the bar per the manufacturer's recommendations or 12 inches, whichever is greater. Proposed anchoring material and embedment depth shall be submitted for approval.
6. All dimensions based on or related to the existing bridge shall be verified in the field by the Design-Builder.
7. Prior to concrete repairs, the existing backwall, bridge seat, pile cap and wingwalls shall be cleaned so that it is free of debris.

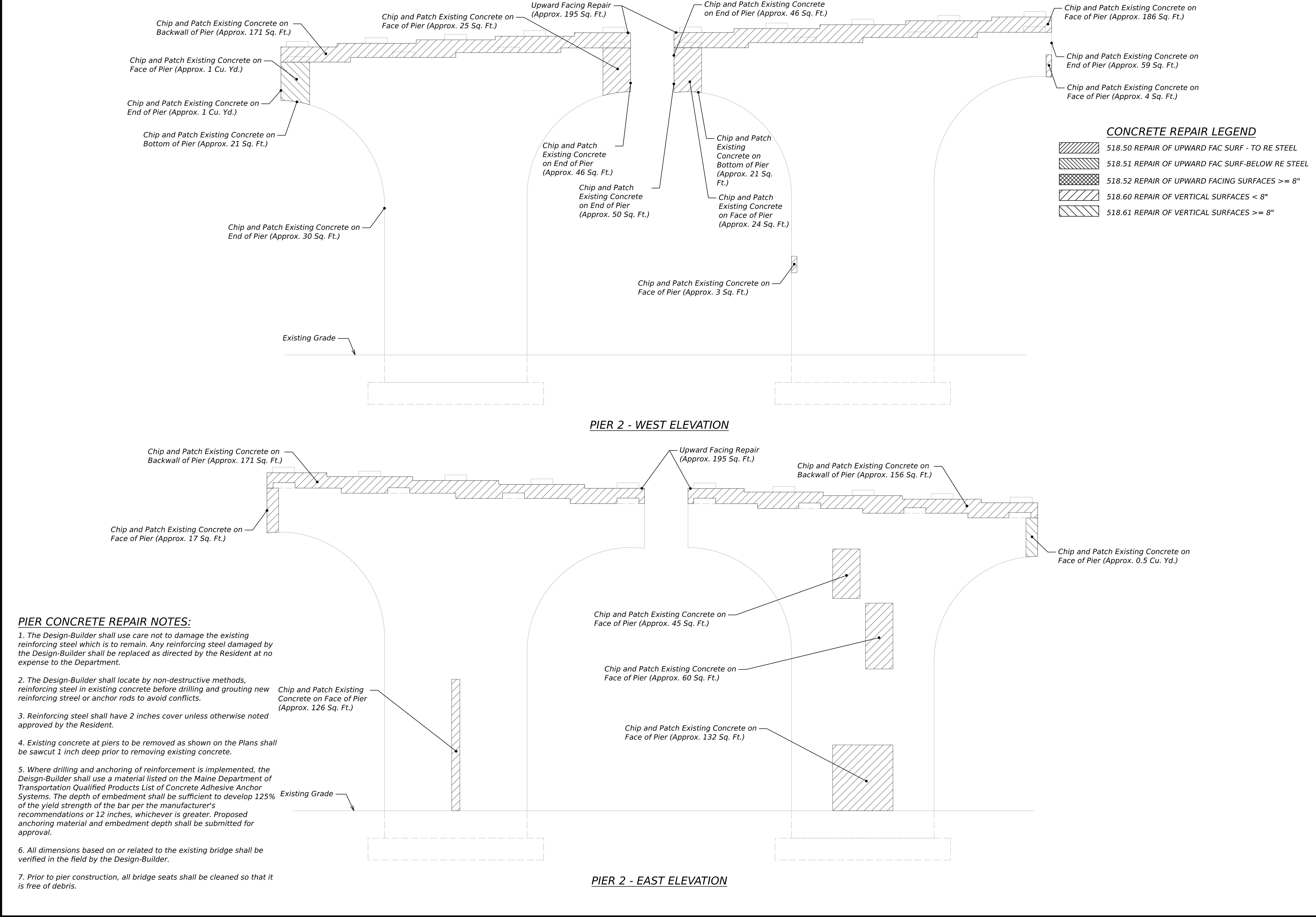
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		029484		WIN 029484.00		BRIDGE NO. 1558		BRIDGE PLANS	
VETERAN'S REMEMBRANCE BRIDGE PENOBSCOT RIVER BREWER PENOBSCOT COUNTY		PROJ. MANAGER	BY	DATE	SIGNATURE				
ABUTMENT 1 - ELEVATION		DESIGN-DETAILED							
		CHECKED-REVIEWED							
		DESIGN-DETAILED02							
		DESIGN-DETAILED03				P.E. NUMBER			
		REVISIONS 1							
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SHEET NUMBER									
1									
OF 6									

ABUTMENT AND WINGWALL REPAIR NOTES:

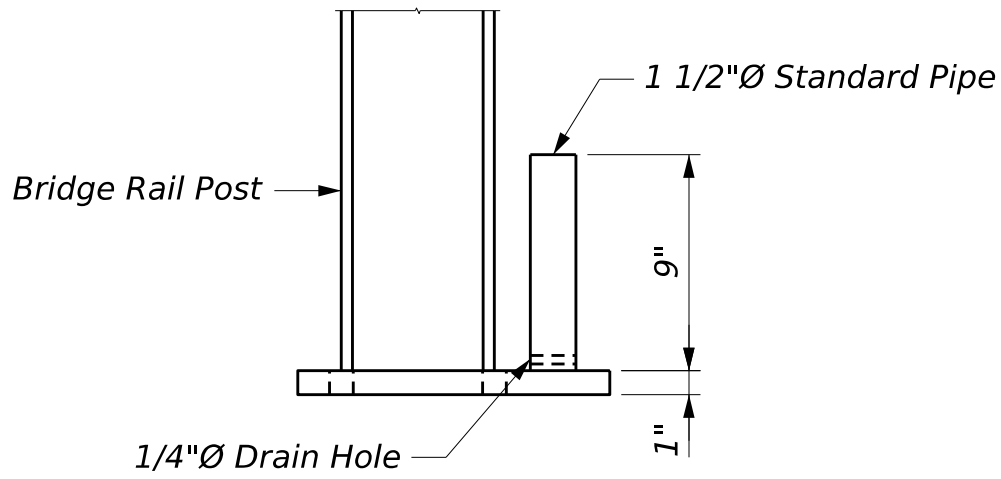
1. See Abutment 1 - Elevation sheet for notes.



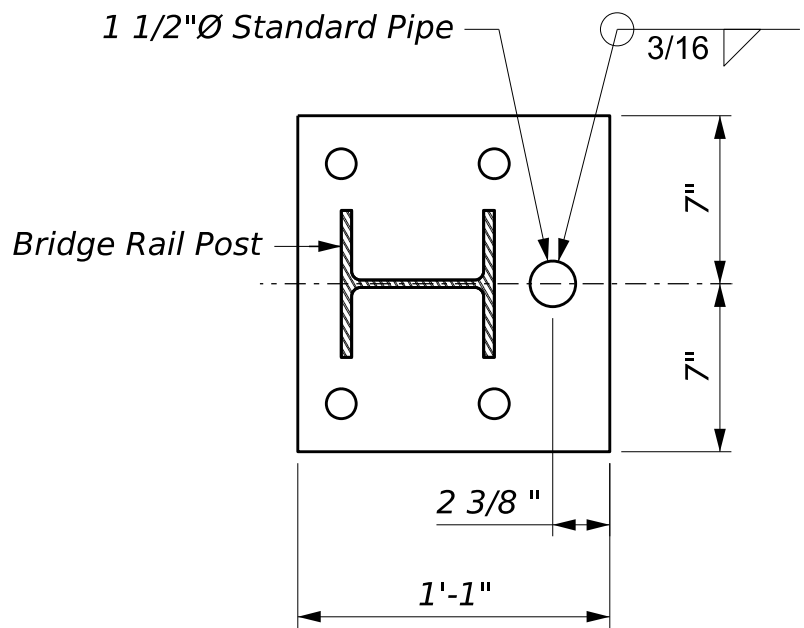
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	CHECKED-REVIEWED				
	DESIGN-DETAILED2			SIGNATURE	
	DESIGN-DETAILED3			P.E. NUMBER	
	REVISIONS 1				
	REVISIONS 2				
	REVISIONS 3			DATE	
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	FIELD CHANGES				
ABUTMENT 2 - ELEVATION					029484
WIN					029484.00
BRIDGE NO. 1558					BRIDGE PLANS



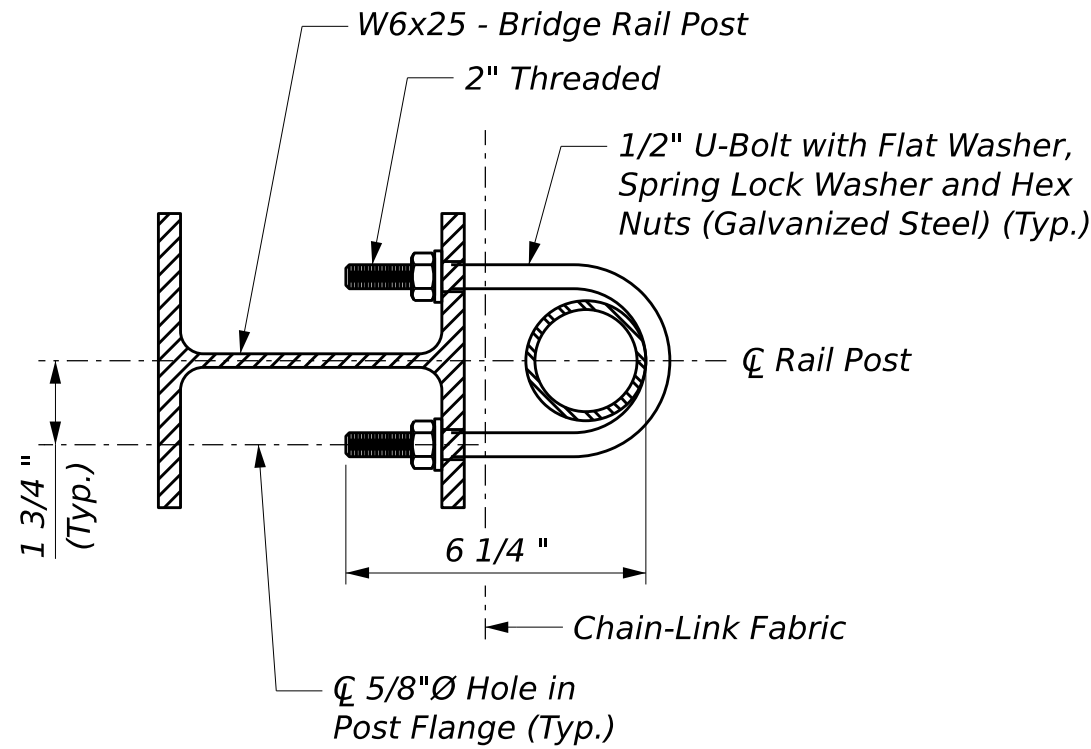
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PROJ. MANAGER		BY		DATE		SIGNATURE		P.E. NUMBER		DATE			
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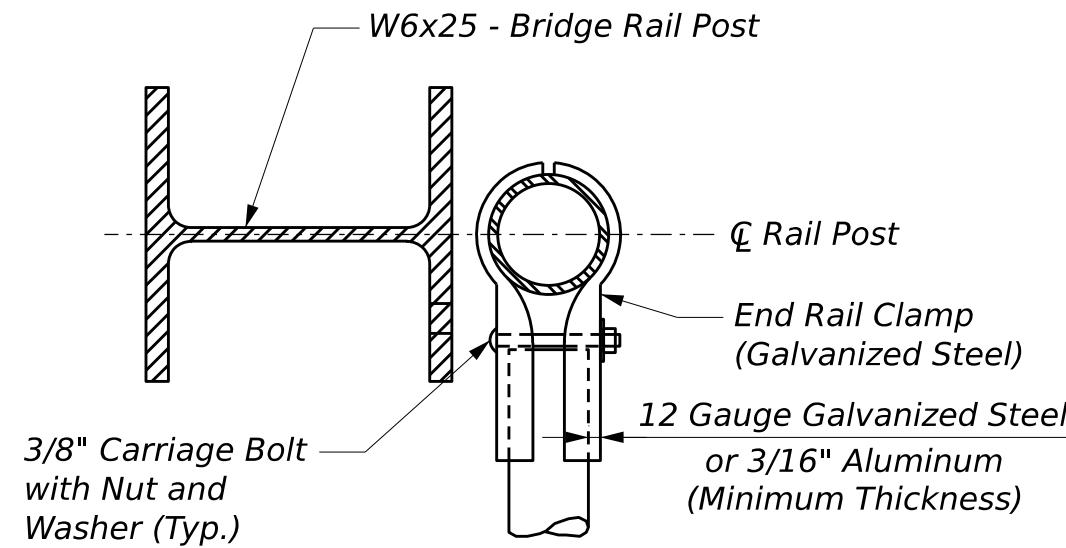
MODIFIED BASE PLATE ELEVATION
(For Snow and Security Fence)



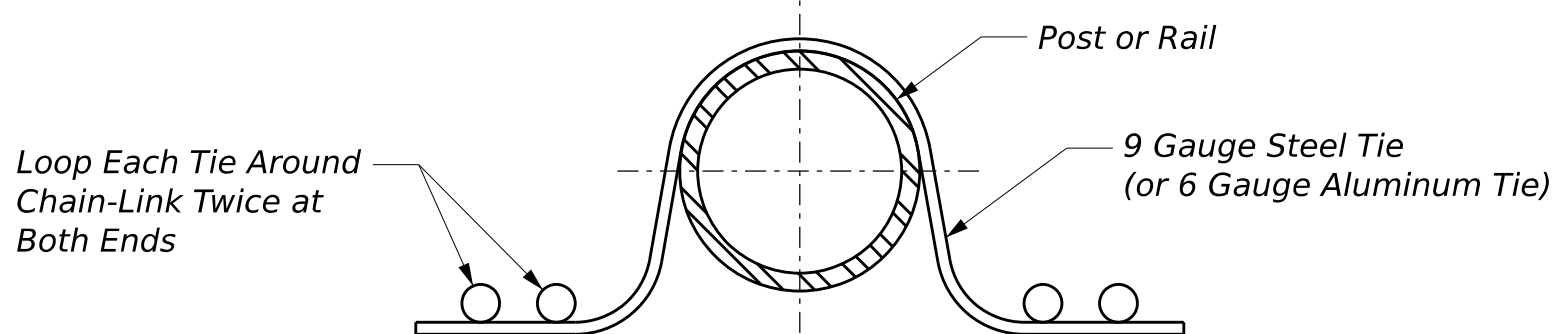
MODIFIED BASE PLATE DETAIL
(For Snow and Security Fence)



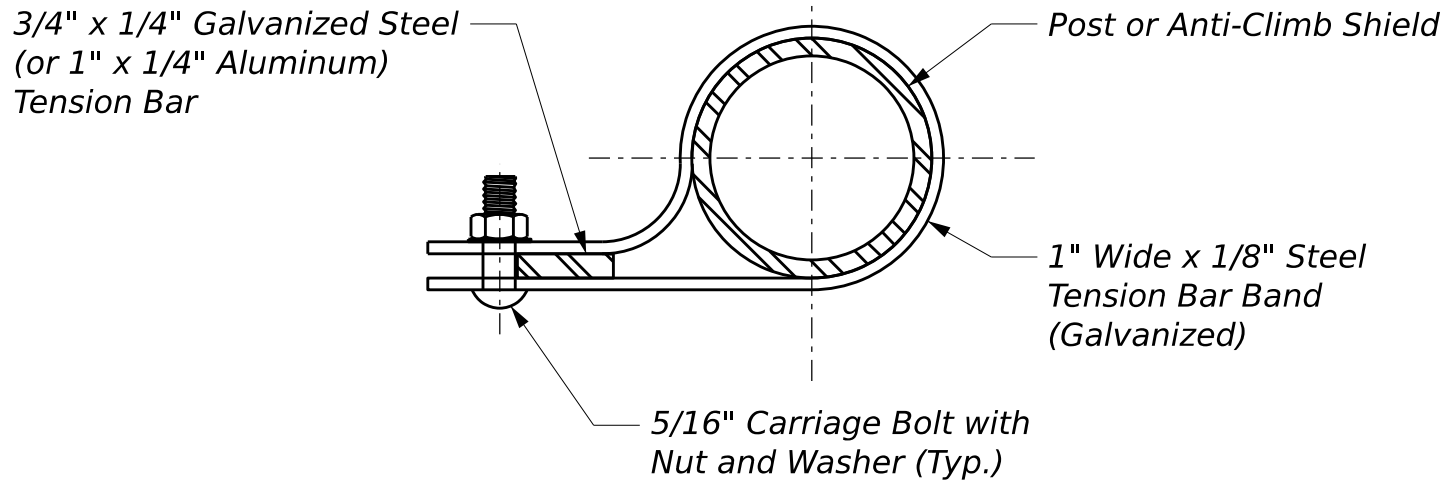
U-BOLT CONNECTION DETAIL



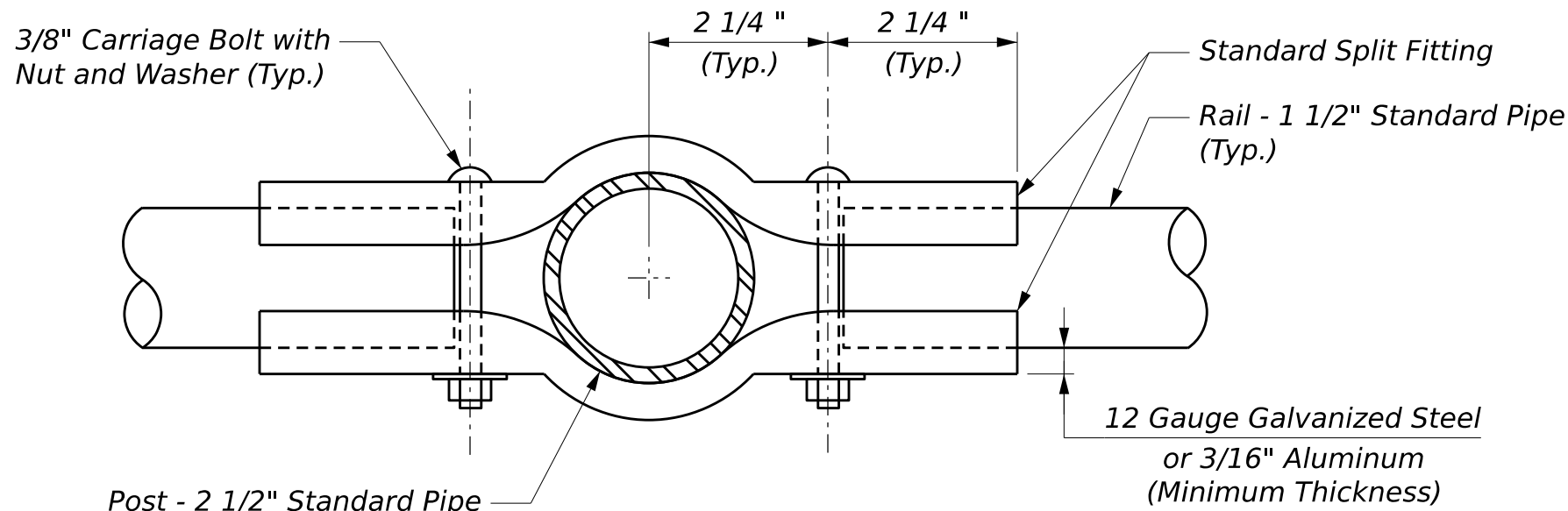
END POST DETAIL



DOUBLE PIGTAILED TIE



TENSION BAND DETAIL

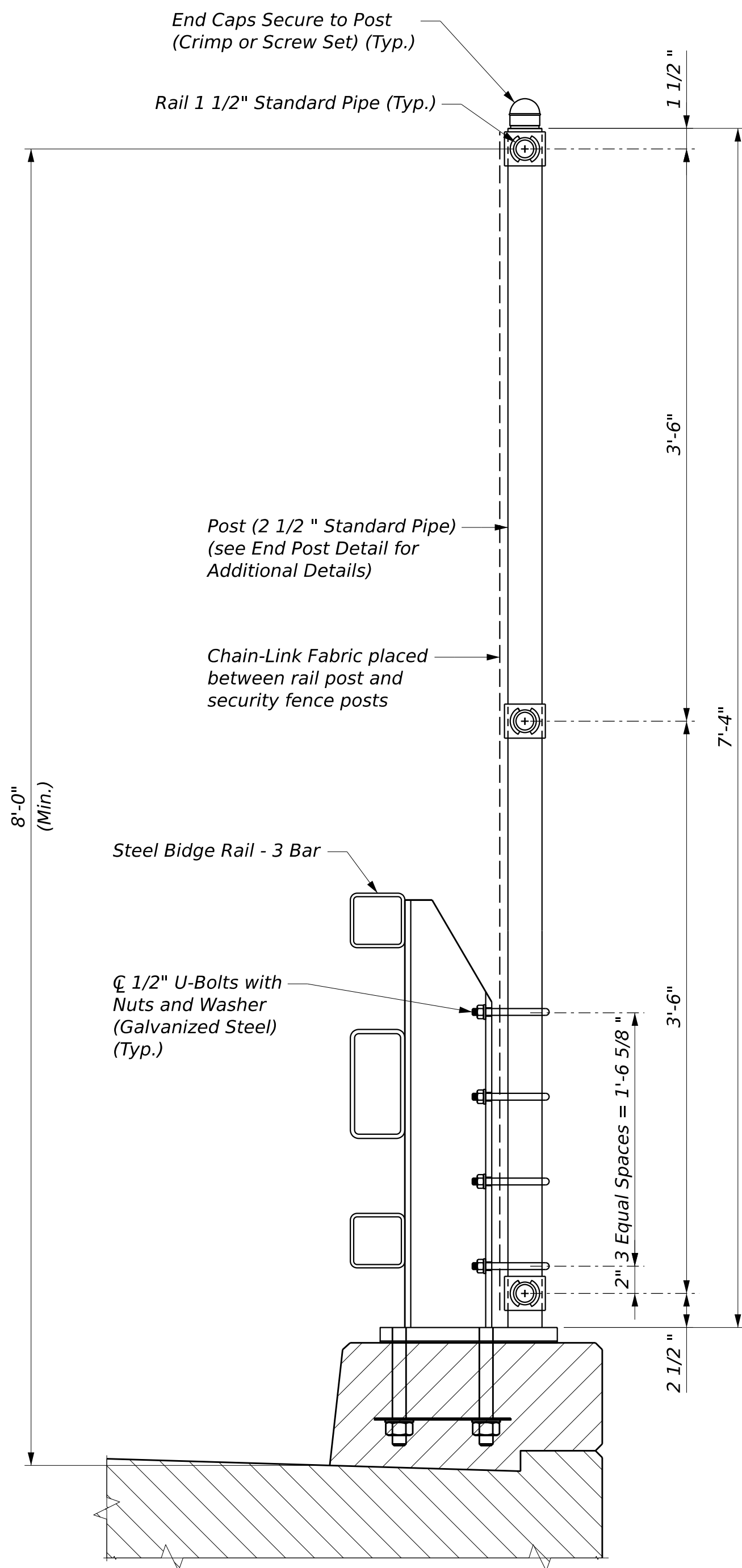


RAIL CLAMP DETAIL

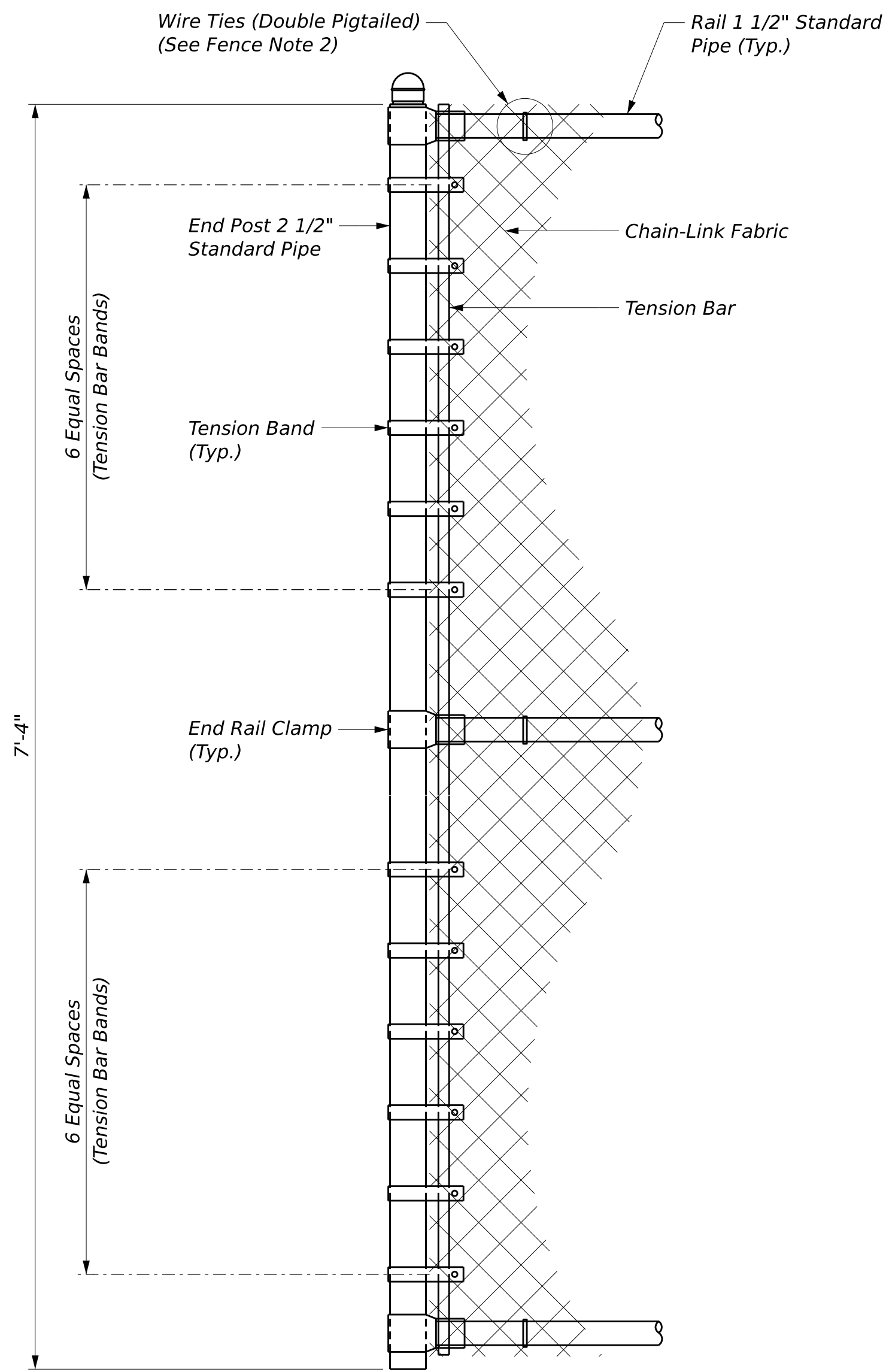
FENCE NOTES:

- Chain-Link fence shall conform to Section 710.03 and Special Provision Sections 607. The size of wire mesh (fabric) shall be 1 inch.
- Wire ties shall be standard round 9 gauge zinc- or aluminum-coated steel or 6 gauge aluminum alloy conforming to ASTM F626. All ties shall be wrapped around chain-link fabric twice (double pigtailed) at both ends. Space ties @ 6 inches o.c. to bottom rail and @ 12 inches o.c. to all posts and other rails. Mechanical/Power fastened fence ties are acceptable.
- Post, rail, and anti-climb shield pipe shall be hot-dip galvanized. All pipe shall be schedule 40, standard weight. Nominal pipe sizes are shown.
- Tension bars, bar bands, boulevard and end rail clamps shall be steel or aluminum alloy conforming to AASHTO M181 (ASTM F626). Steel components shall be hot-dip galvanized in accordance with AASHTO M111 (ASTM A123) or AASHTO M232 (ASTM A153) as applicable.
- All bolts and nuts shall be steel conforming to ASTM A307 and ASTM A563 grade A respectively. Washers shall be hardened steel commercial type A plain and shall meet the dimensional requirements of ANSI B18.22. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M111 (ASTM A123) or AASHTO M232 (ASTM A153) as applicable.
- Rail may be field cut (sawn) to fit post spacing. Repair galvanizing on cut edges in accordance with ASTM A780.
- Anti-Climb Shield shall be considered incidental to Pay Item No. 607.181, Chain Link Fence - 8 ft, High-Security Fencing.
- Refer to Standard Details Section 507 for additional information.
- Payment for modified base plate will be incidental to related Contract Items.

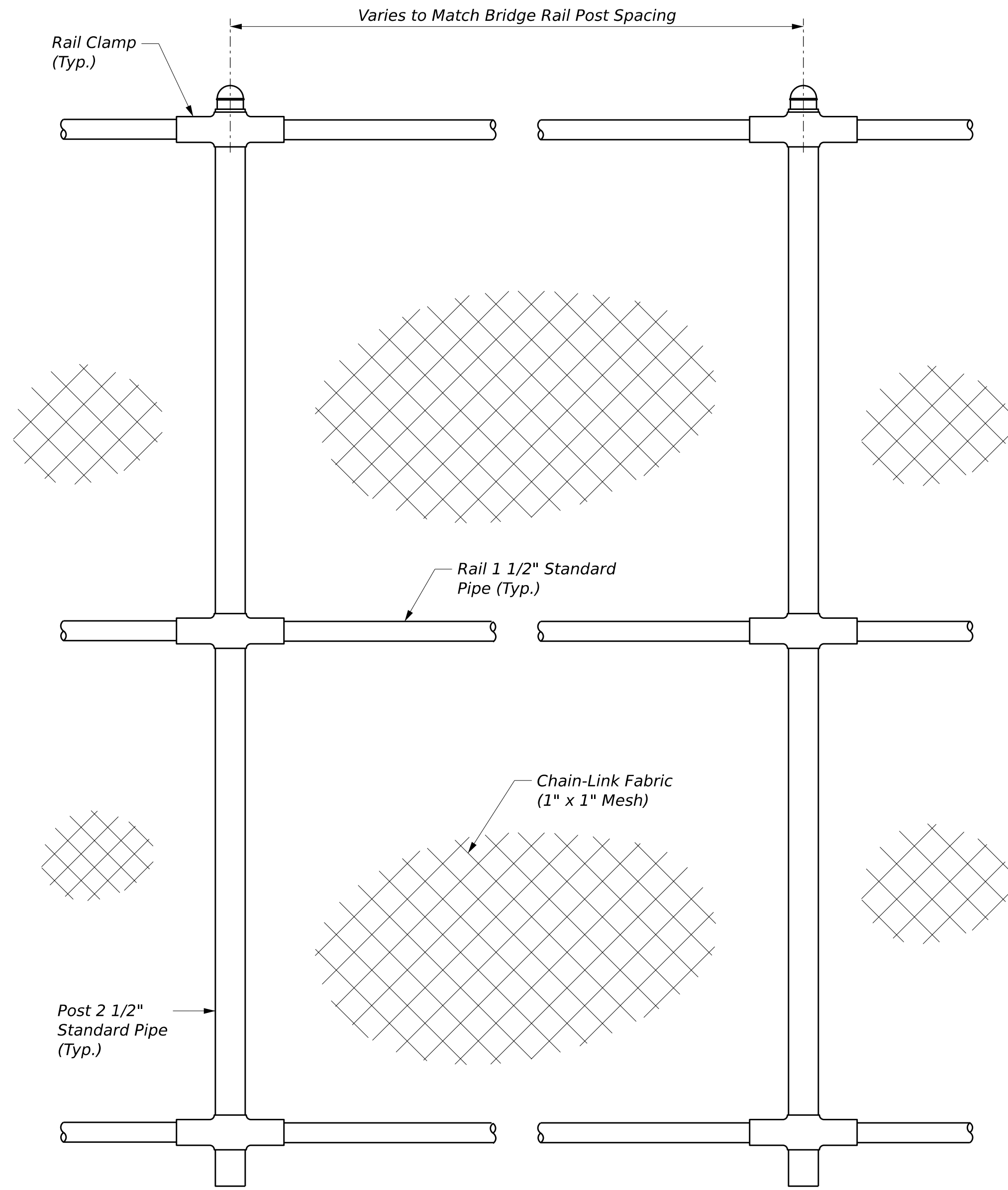
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		029484		WIN		029484.00		BRIDGE NO. 1558		BRIDGE PLANS	
VETERANS REMEMBRANCE BRIDGE		PENOBSCOT RIVER		BANGOR/BREWER PENOBSCOT COUNTY		FENCE DETAILS 1		SHEET NUMBER		4		OF 6	
PROJ. MANAGER		BY		DATE		SIGNATURE		P.E. NUMBER		DATE			
DESIGN-DETAILED		P. Error		06/2026									
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REVISIONS 4													
FIELD CHANGES													



CONNECTION DETAIL - SECURITY FENCE



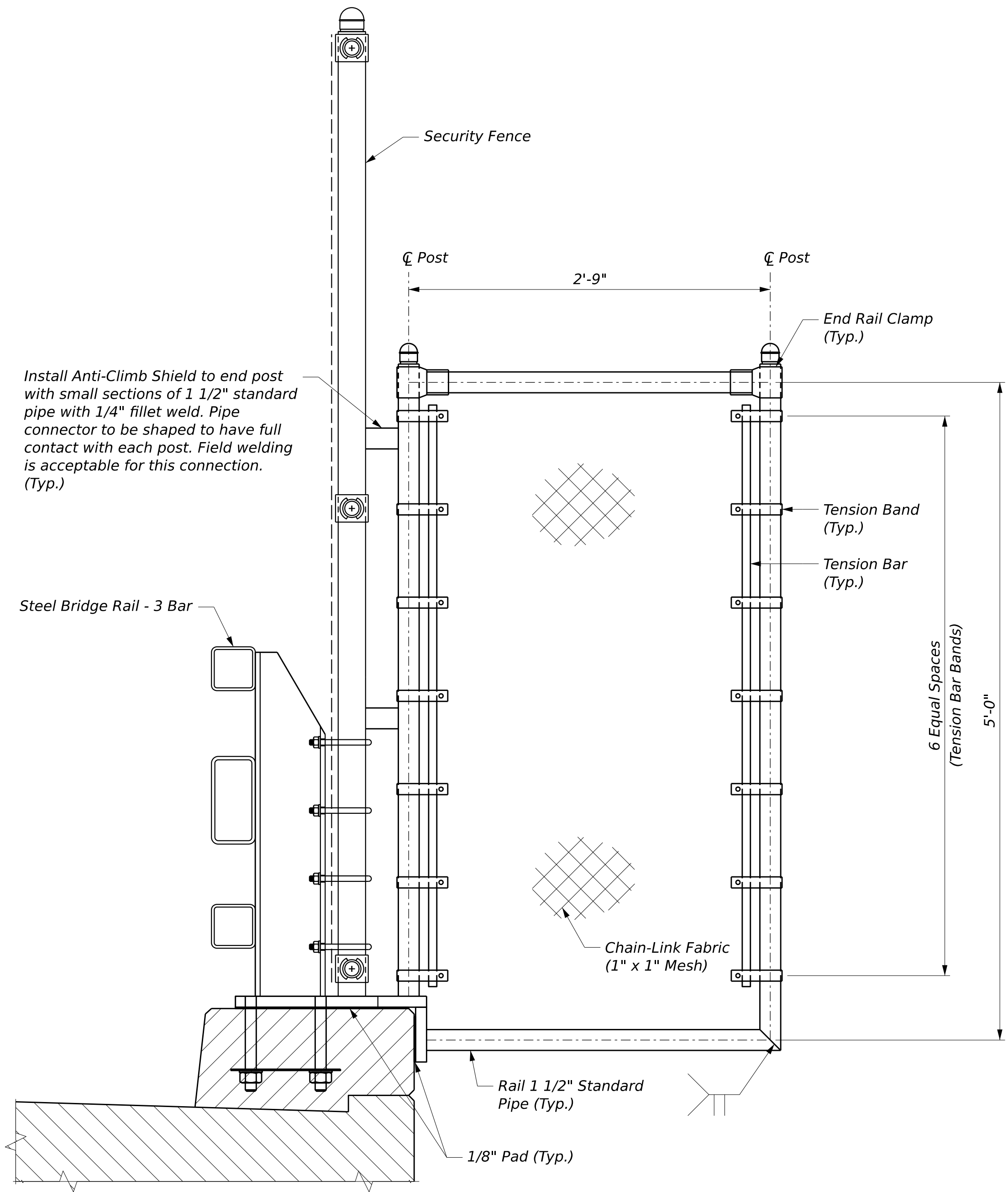
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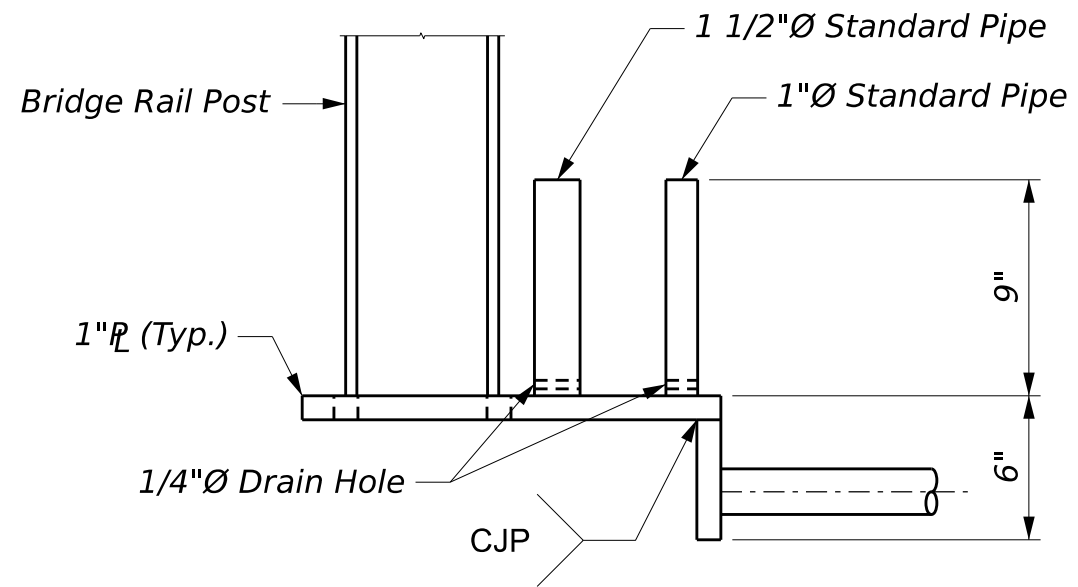
ELEVATION - SECURITY FENCE

FENCE NOTES:
1. Refer to sheet Fence Details 1 for notes and standard details.

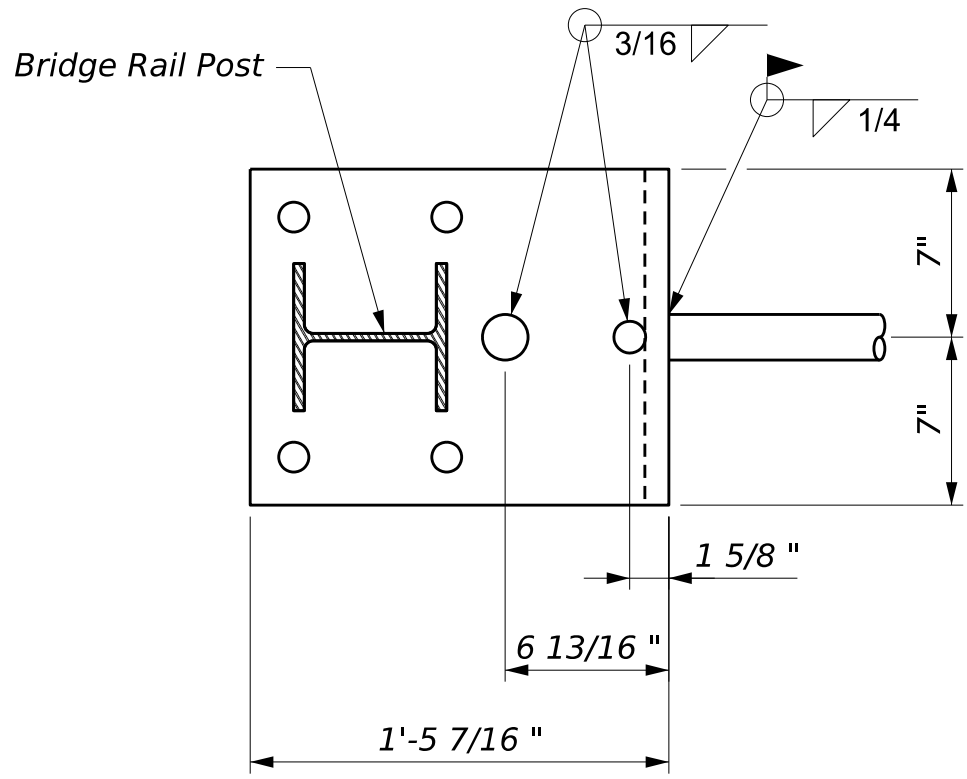
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		029484		WIN		029484.00		BRIDGE NO. 1558		BRIDGE PLANS	
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SHEET NUMBER		5		OF		6					
PROJ. MANAGER		BY		DATE		SIGNATURE		P.E. NUMBER		DATE	
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DESIGN-DETAILED3											
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REVISIONS 4											
FIELD CHANGES											



ANTI-CLIMB SHIELD DETAIL
(Install each end of fence as shown on superstructure plan)



MODIFIED BASE PLATE ELEVATION
(at Anti-Climb Shield)



MODIFIED BASE PLATE DETAIL
(at Anti-Climb Shield)

VETERANS REMEMBRANCE BRIDGE PENOBSCOT RIVER BANGOR/BREWER PENOBSCOT COUNTY				STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
FENCE DETAILS 3				029484			
				WIN			
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				BRIDGE NO. 1558			
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PROJ. MANAGER							
DESIGN-DETAILED		BY	DATE				
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REVISIONS 1			P.E. NUMBER				
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REVISIONS 4			DATE				
FIELD CHANGES							