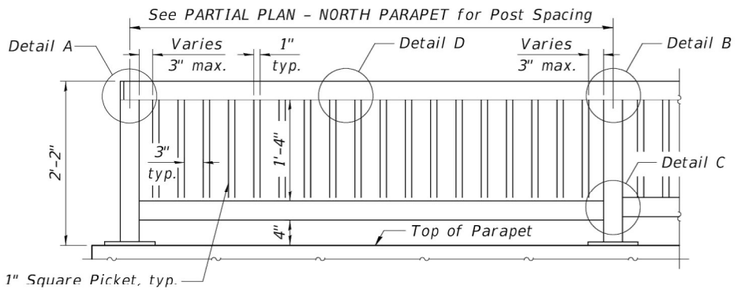
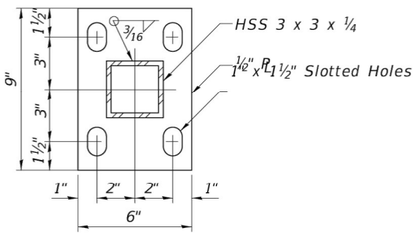
All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

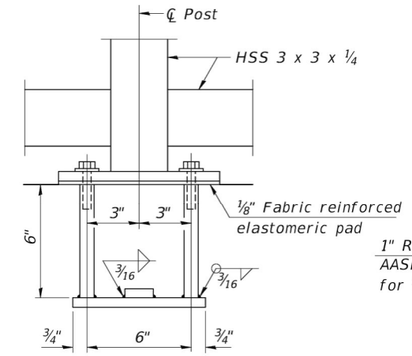
All post, railing, splices, anchor devices, and plates shall be coated with 2 coats of electrostatic polyester, TGIC powder coating. The color of the final finish coat for all railing steel shall be (Munsell No. 7.5G 4/8) "Highway Green". See Special Provisions. 1

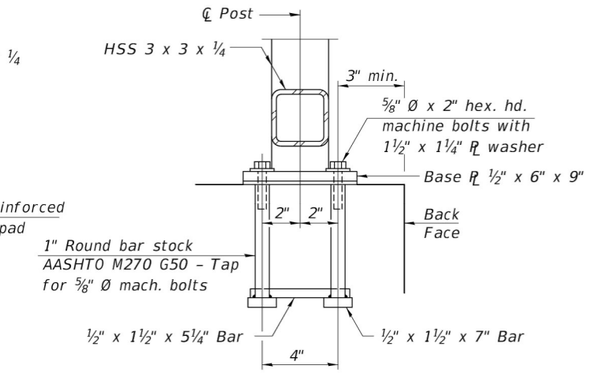


PARAPET RAILING ELEVATION



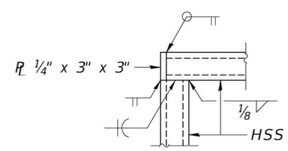
BASE PL



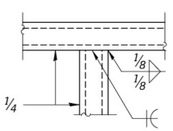


ANCHOR BOLT DETAILS

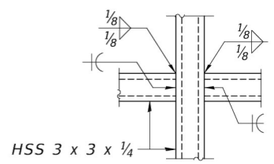
In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting ⅝" Ø anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



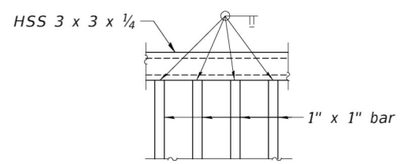
DETAIL A



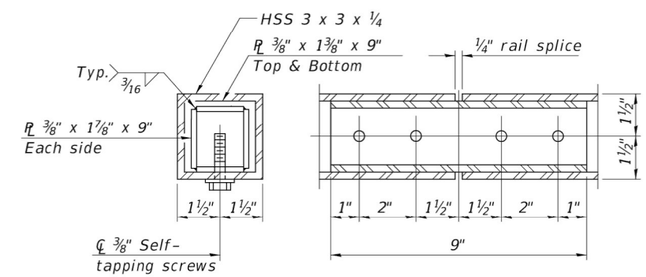
DETAIL B



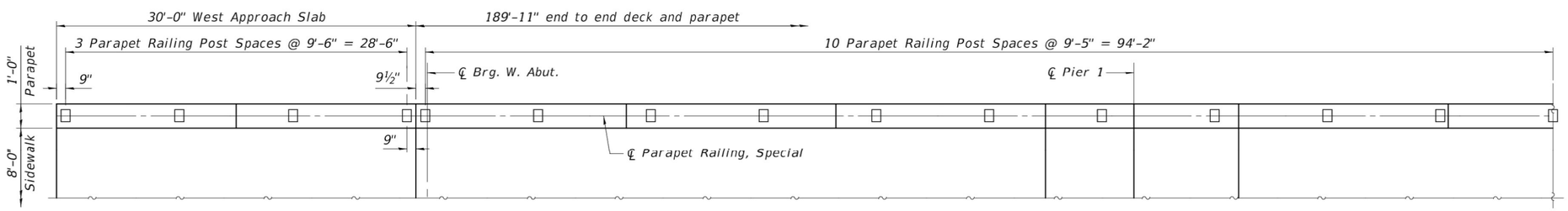
DETAIL C

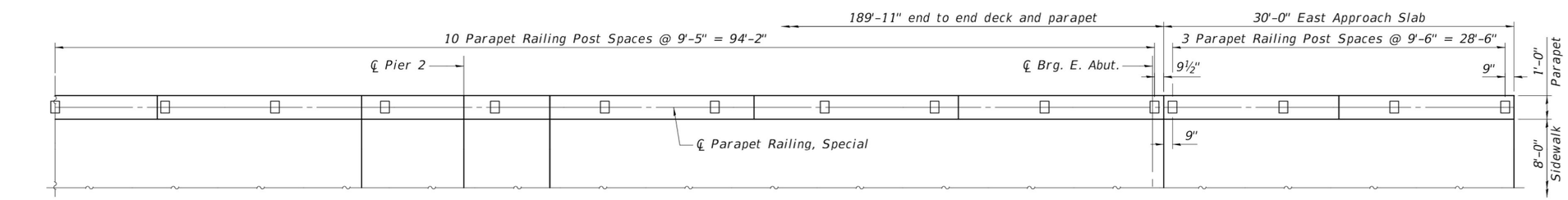


DETAIL D



RAIL SPLICE





PARTIAL PLAN - NORTH PARAPET

(South Parapet is mirror image of north parapet)

BILL OF MATERIAL

Item	Unit	Quantity
Parapet Railing, Special	Foot	500

Notes:

All structural steel tubing, post, and railing for parapet railing shall be CVN tested according to 1006.34(b) of the Standard Specifications.

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DRAWN - K. KOMPARE	REVISED - 02/21/24 1	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAILING DETAILS STRUCTURE NO. 049-3046
DESIGNED - K. KOMPARE	REVISED -		
CHECKED - G. HATLESTAD	REVISED -		
DATE - JANUARY 3, 2024	REVISED -		SHEET S-14 OF S-26 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1234	15-10112-00-BR	LAKE	100	57

CONTRACT NO. 61J99

ILLINOIS FED. AID PROJECT

g/h
FILE NAME: ...\Structures\14_Railing Details
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