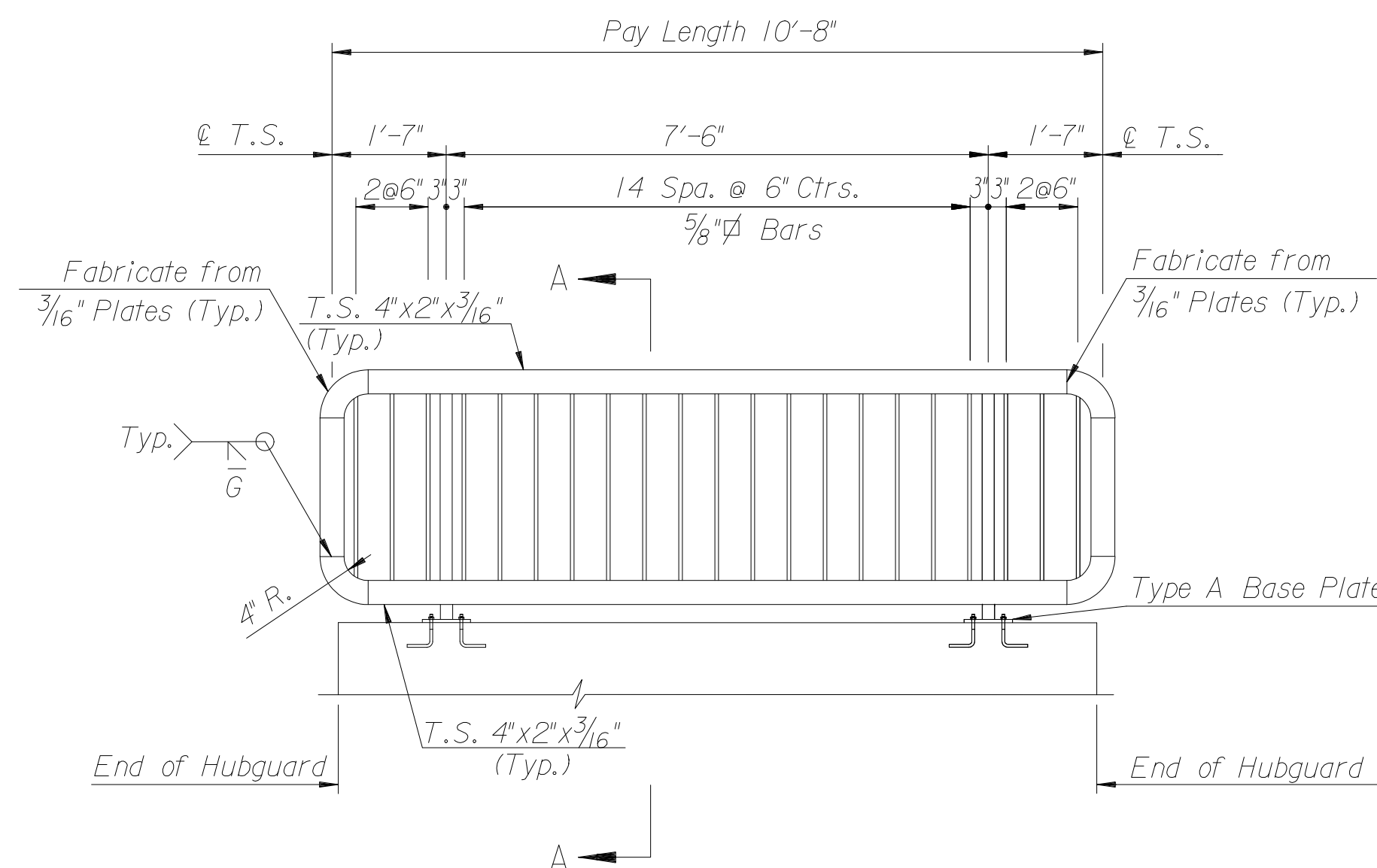
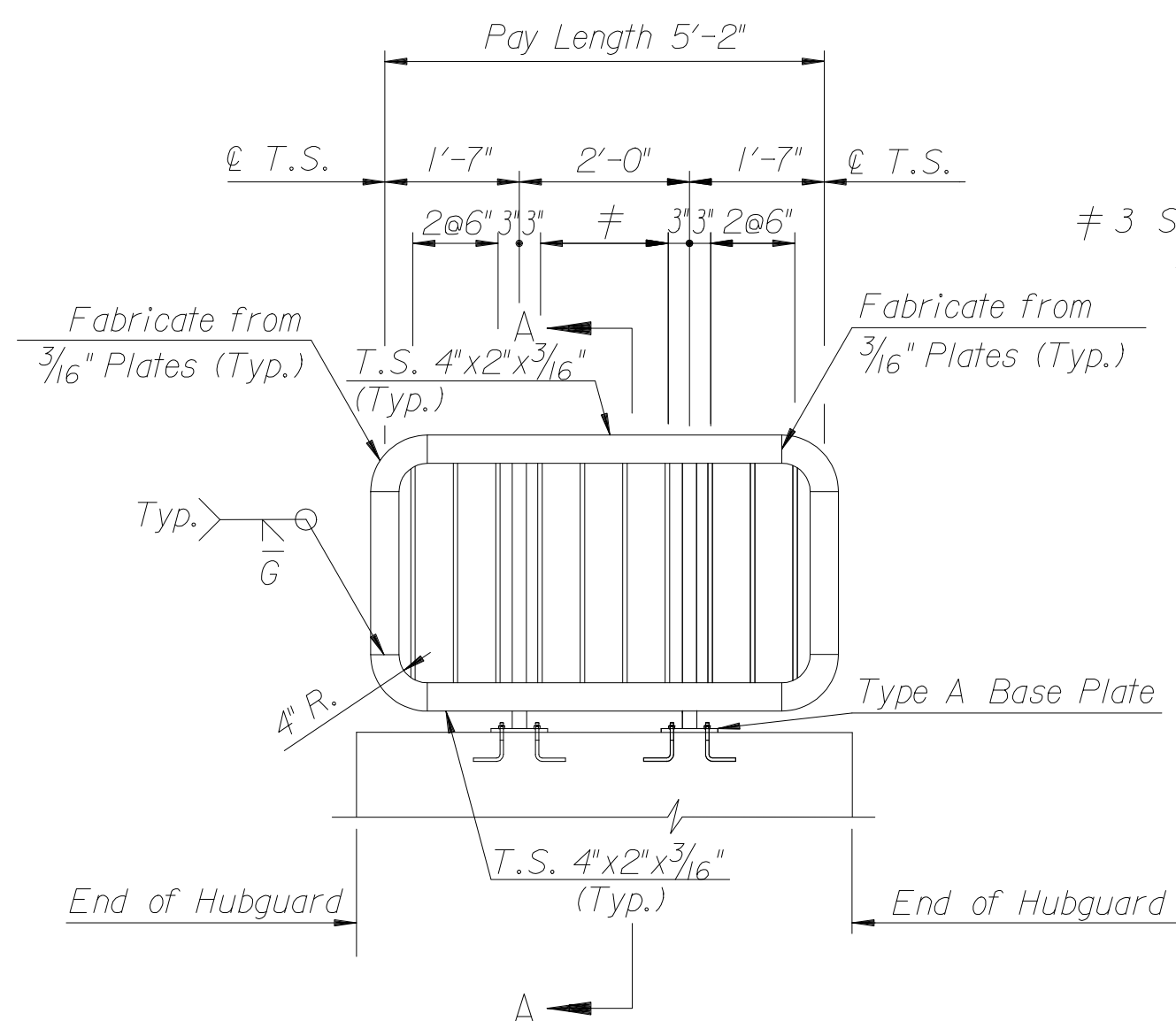
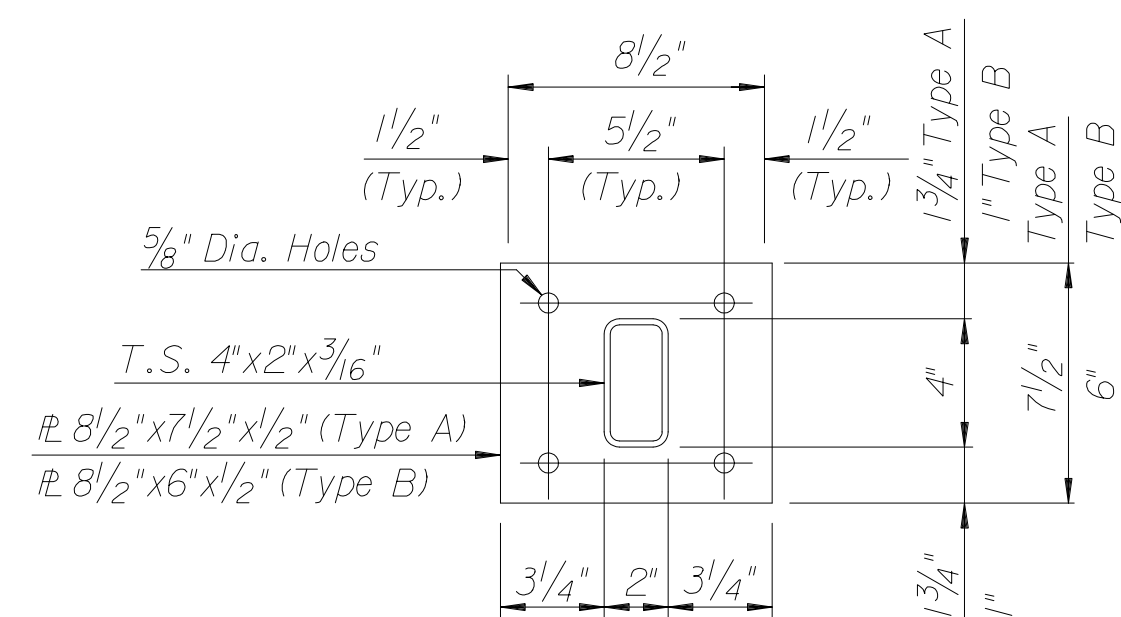


SECTION A-A

Note:
Rail Post on Hubguard shown,
Rail Posts on Wingwalls not shown
but similar controlling criteria.

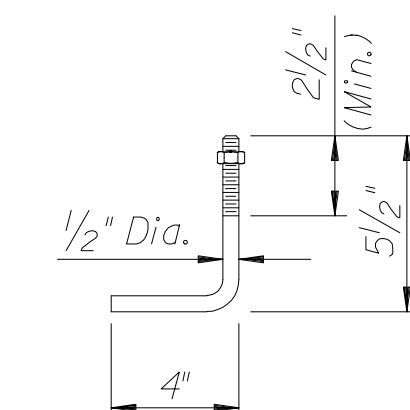


HANDRAIL ELEVATION



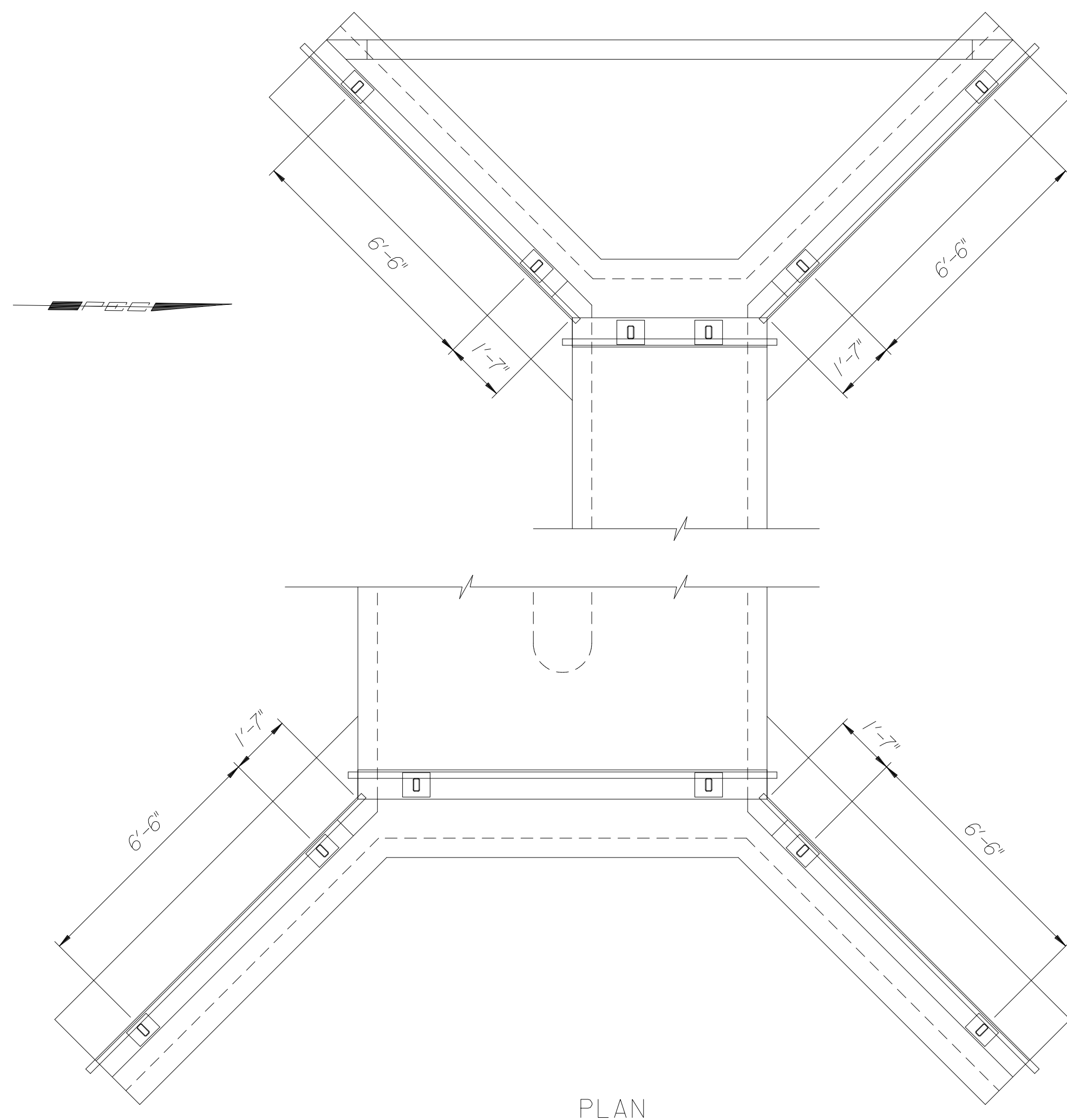
BASE PLATE DETAIL

4 Required (Type A)
8 Required (Type B)

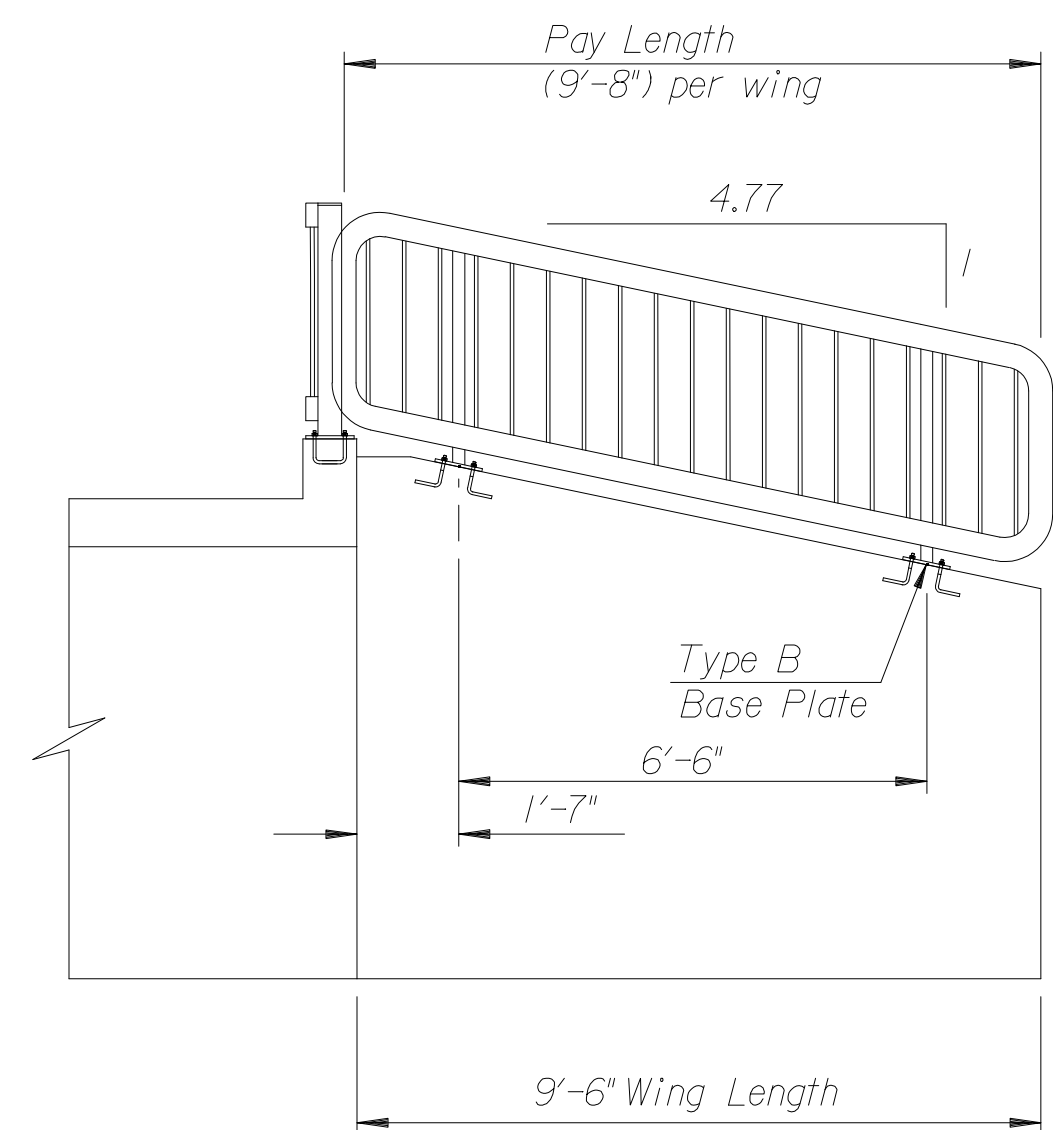


ANCHOR BOLT

Galvanized (ASTM A153)
(Orient to provide min. 1/2" edge
clearance to either hubguard
face/wingwall face or adjacent bolts)
(48 Required). May substitute expandable
anchors when approved by the Engineer.



PLAN



TYPICAL WING

(4 Required)

See Handrail Elevation for Typical Details

GENERAL NOTES

The horizontal members of the Rail and Posts shall be hollow structural tubing. All structural steel tubing shall comply to A.S.T.M. designation A36 or A500 Grade B respectively.

Rail shall be fabricated in lengths as shown from end to end.

Post and Bars shall be set vertical and shimmed if required.

Prior to painting abrasive blast to commercial finish SSPC-SP6 to obtain a surface profile of 1-1/2 Mils. The shop and field coats applied to structural steel shall conform to an inorganic Zinc Primer with water-borne Acrylic finish coat. (The finish coat shall match Carboline #0516.) Provide a color sample to the Engineer with shop drawing submittal.

Material and construction shall conform to the structural welding code A.W.S. D1.1-01.

Shop details must be submitted and approved by the Engineer.

Slope of Handrail shall match the slope of the Wingwall.

All work associated with furnishing and installing Handrail shall be paid for as "Bridge Handrail (Steel)(Pedestrian)".

Lt. Headwall Area	BRIDGE HANDRAIL (STEEL)(PEDESTRIAN)	24.50	L.F.
Rt. Headwall Area	BRIDGE HANDRAIL (STEEL)(PEDESTRIAN)	30.00	L.F.

No.	Revision	By	Date
PEDESTRIAN RAIL GREENWICH ROAD JAMES L. ARMOUR, P.E.—CITY ENGINEER STA. 72+53.25 CITY OF WICHITA PROJECT NO. 472-84004 STA. 72+56.00 Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	RAS	Job No.	04219
Drawn by	DRP	Date	AUGUST 2005
			Sht. 97 of 215