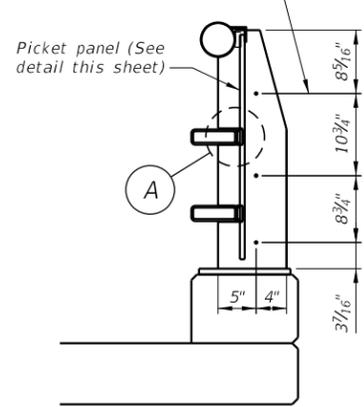
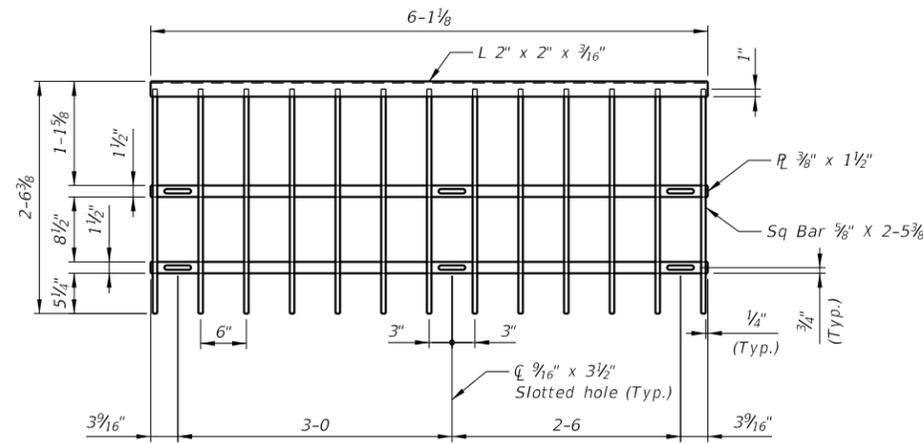


Ø 5/8" Holes in end plate of the end post plate for picket end panel attachment (Typ.)



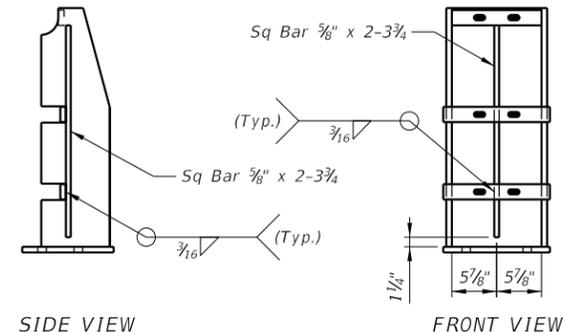
**PICKET PANEL RAIL SECTION**

NOTE: Ø Bolt locations for attaching picket panel must always be in next adjacent picket panel bay from end of sleeve members to allow for joint movement, when sleeve members are present.



**PICKET PANEL DETAIL**

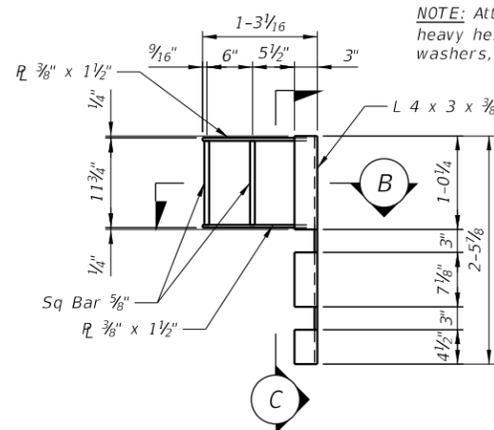
Looking at back of picket panel



**SIDE VIEW**

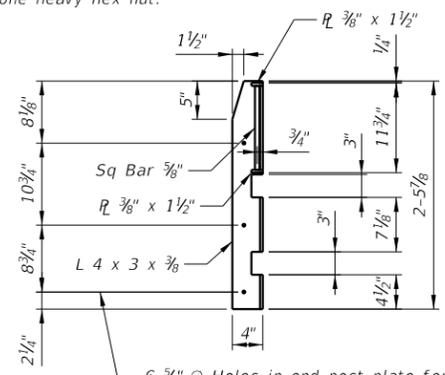
**RAIL POST DETAIL**

**FRONT VIEW**



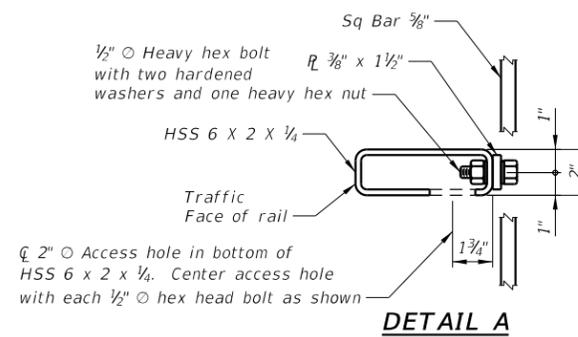
**PICKET END PANEL DETAIL**

NOTE: Attach picket end panel to post with 1/2" Ø heavy hex head bolts, with two hardened steel washers, one lock washer and one heavy hex nut.



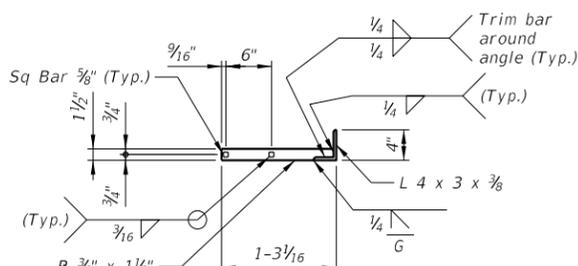
**SECTION C**

Ø 5/8" Holes in end post plate for picket end panel attachment (Typ.)



**DETAIL A**

1/2" Ø Heavy hex bolt with two hardened washers and one heavy hex nut  
Ø 2" Access hole in bottom of HSS 6 x 2 x 1/4. Center access hole with each 1/2" Ø hex head bolt as shown



**SECTION B**

**NOTES**

GENERAL: For additional rail notes and details see Std. Dwg. No. SBR-0R42.

GALVANIZING: Galvanize all bolts, nuts, washers and pipe sleeves in accordance with ASTM F 2329.

PAYMENT: Include all costs associated with furnishing and installing picket panels in the unit price bid 42 IN Open Rail Picket - BR.

Use angles and sq. ars conforming to AASHTO M 270 Grade 36.

PAINTING: Paint all posts, structural tubing and plates (except as noted) in accordance with the Standard Specifications. Galvanizing the posts, structural tubing and plates in accordance with AASHTO M 111 will be allowed.

EXCEPTIONS: Use details shown on this drawing only as they apply to the project. Refer to other drawings for variations in these details.

FABRICATION: For the purposes of fabrication, this rail system is considered an ancillary item. The requirements of subsection 1.3.7 of AASHTO/AWS D1.5 apply.

RAIL WEIGHT: For informational purposes only, the rail weight is approximately 10.1 lb/ft for the pickets panel.

STANDARD BRIDGE RAIL  
TYPE OPEN RAIL 42"  
PICKETS



REVISED					
REVISED					
REVISED					
APPROVED	9-17-19	W.A.H.			
CHECKED	2-7-19	L.M.M.			
DRAWN	3-15-18	T.J.B.			
SDATES	STIMES	SFILEABBREVS			

DRAWING NO.  
SBR-0R42-PK

No Scale