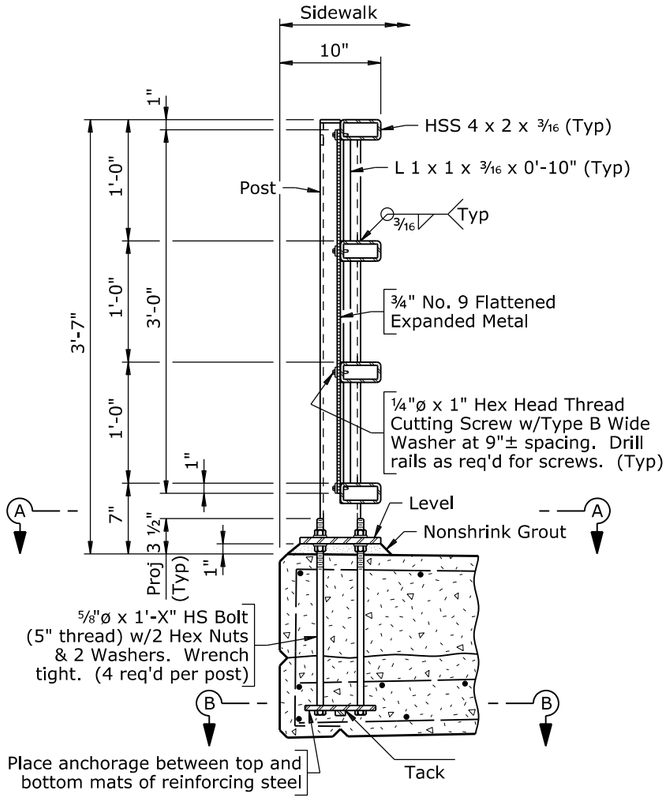
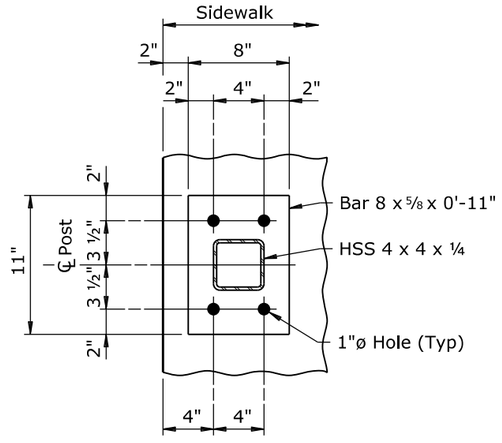


ASSEMBLY DETAIL
(Shown at post)
(Bridge slab shown, approach slab similar)



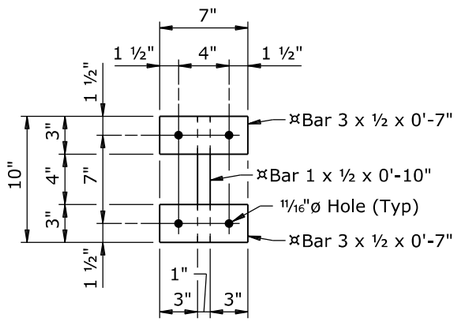
SECTION A-A
(Anchor bolts not shown)

DETAILING NOTES
(Not to be included on Bridge Railing Details)

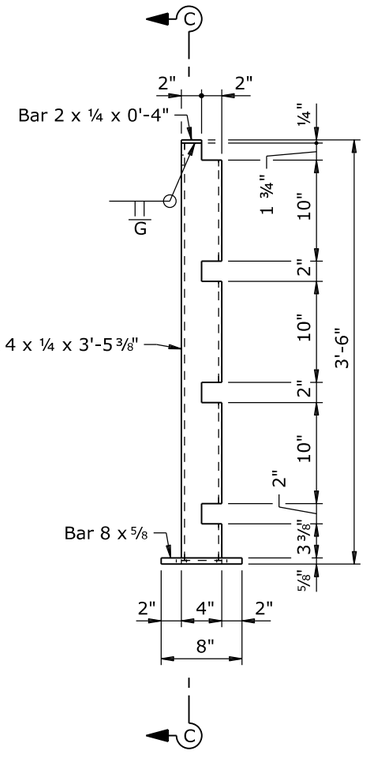
Anchor Bolt Length (Based on 2% crown):
1'-7" Length for 12'-0" wide sidewalk
1'-5" Length for 7'-0" wide sidewalk

Add the following to the GENERAL NOTES
FLATTENED EXPANDED METAL: Ensure flattened expanded metal conforms to ASTM F 1267, type II, class 2, grade A.

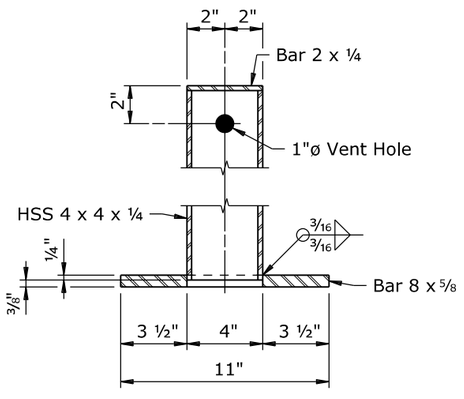
PLAN
(X posts req'd on bridge)
(X posts req'd on approach slabs)



SECTION B-B
(¤ Not galvanized)
(Anchor bolts and slab not shown)



SIDE VIEW



SECTION C-C

POST DETAILS
(See Section A-A for anchor bolt hole spacing)

Note:
1) Ensure the expansion splice is located in the railing panel which passes over the bridge expansion joint as indicated on the plan.
2) Ensure flattened expanded metal is shop attached after galvanizing.
3) Anchor bolts may be tack welded to anchorage (Shop or field).
4) After installing rail panels, paint exposed bolt threads and cut, drilled, or otherwise damaged surface areas of the railing components with two coats of zinc rich paint conforming to the requirements of ASTM A 780.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

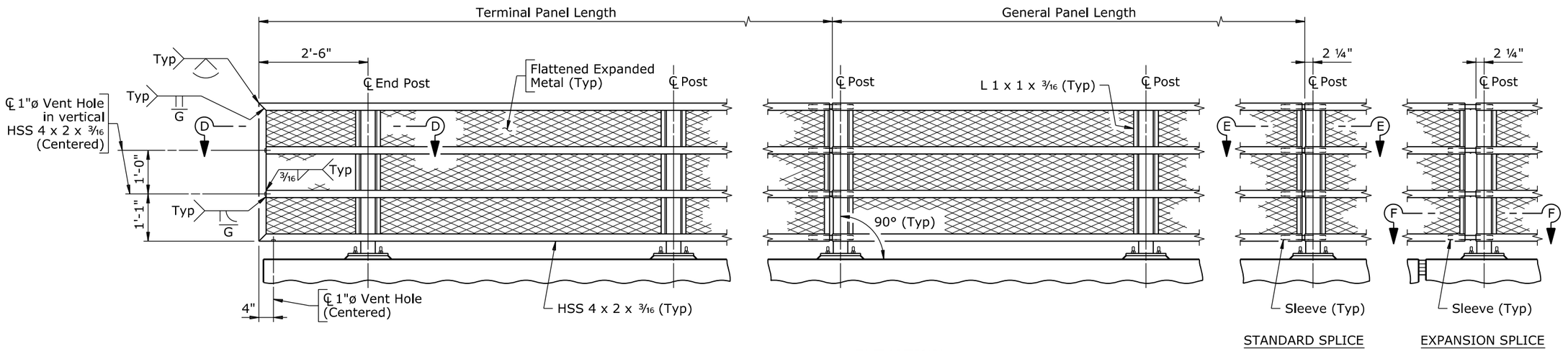
PEDESTRIAN RAILING DETAILS

PdRail_pd1_V.dgn

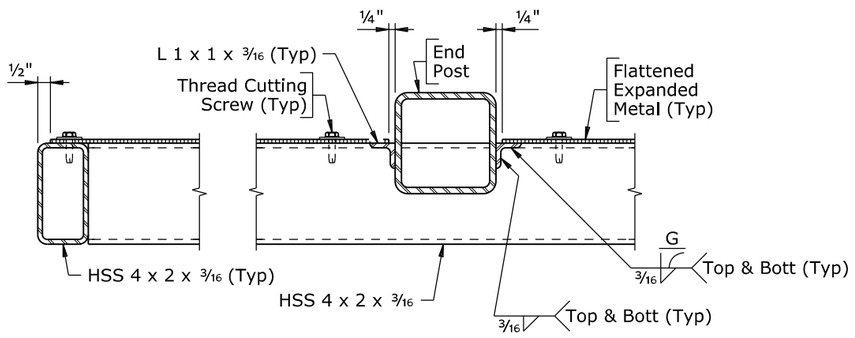
REVIEW I	DESIGN ✓	Design Section X	
APPROVAL I	DETAIL X ✓ X	Drwg No. X	Sheet X of X
	QTY'S X ✓ X		

Standard Sheet Dated 4-1-12

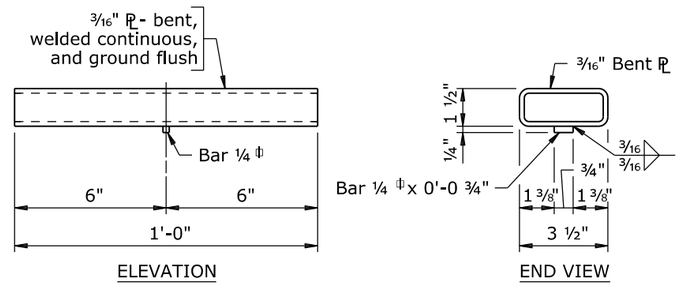
x.dgn



ELEVATION

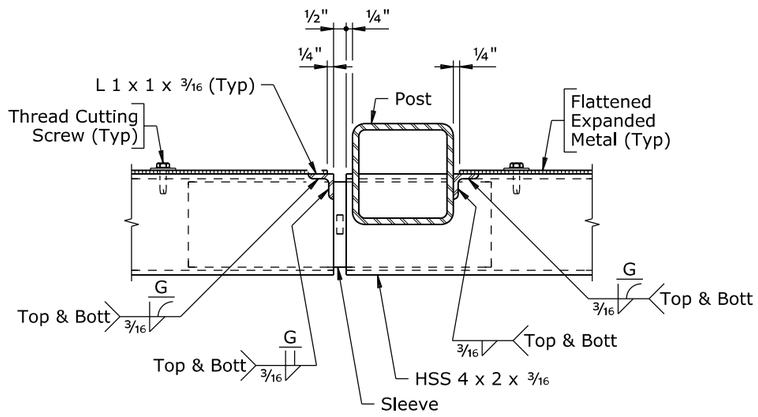


SECTION D-D

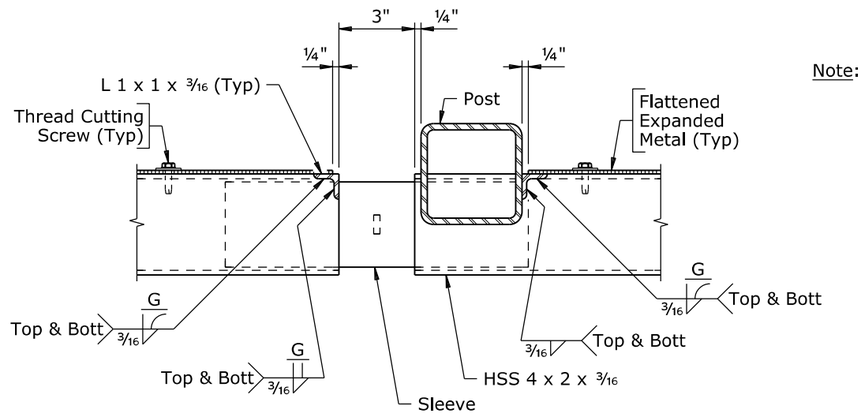


ELEVATION END VIEW

SLEEVE DETAILS



SECTION E-E



SECTION F-F

Note: 1) Ensure general panel and terminal panels are continuous over a minimum of two posts and do not exceed 22'-0" in length.
2) Ensure adjacent rail panels are shop assembled to ensure proper fit and movement of splices. Match mark rail panels prior to disassembly and shipment.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

PEDESTRIAN RAILING DETAILS

PdRail_pd2_V.dgn

REVIEW I	DESIGN ___ ✓ ___	Design Section X	
APPROVAL I	DETAIL X ✓ X	Drwg No. X	Sheet X of X
	QTY'S X ✓ X		

Standard Sheet Dated 4-1-12

x.dgn