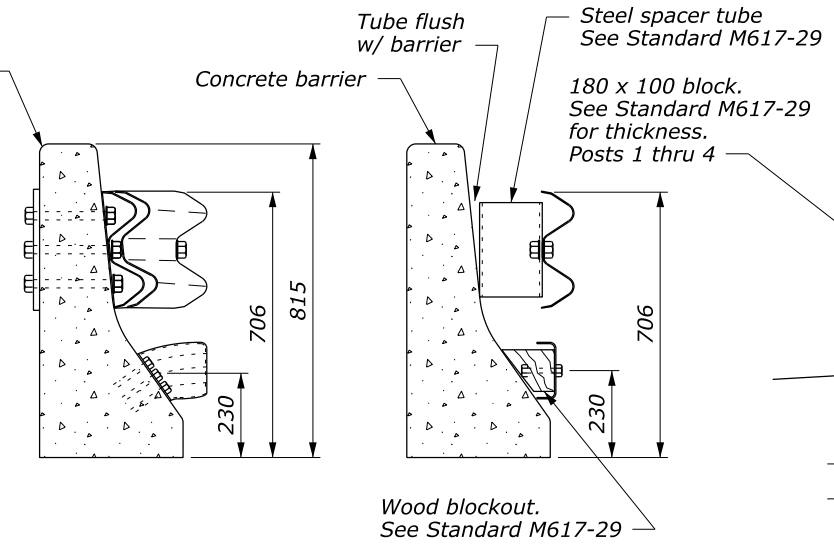
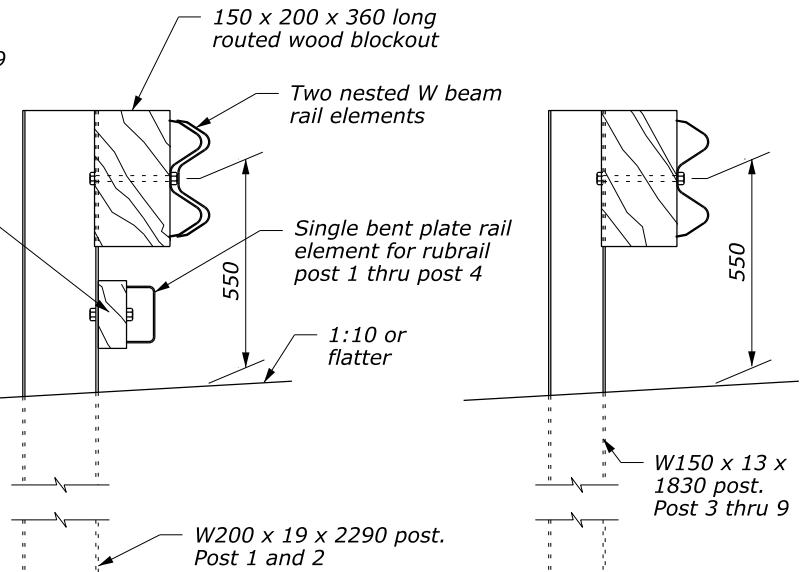


BEARING PLATE



SECTION A-A

SECTION B-B

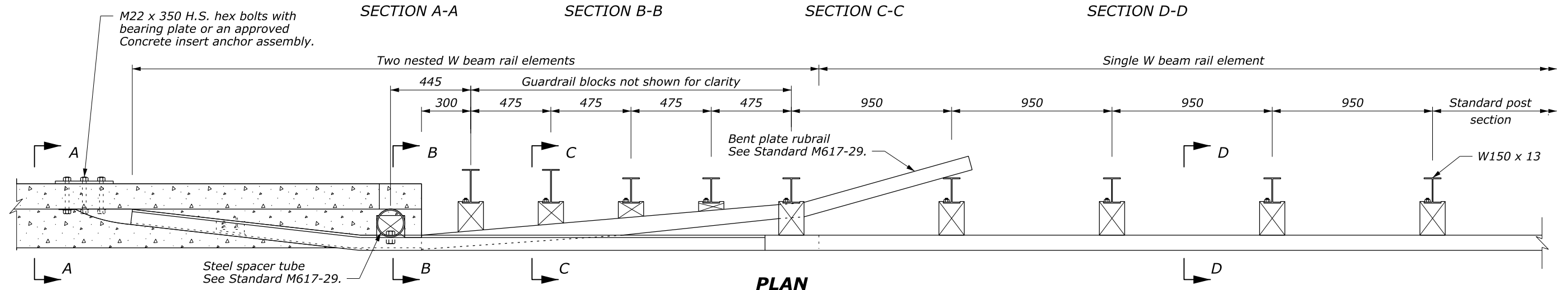


SECTION C-C

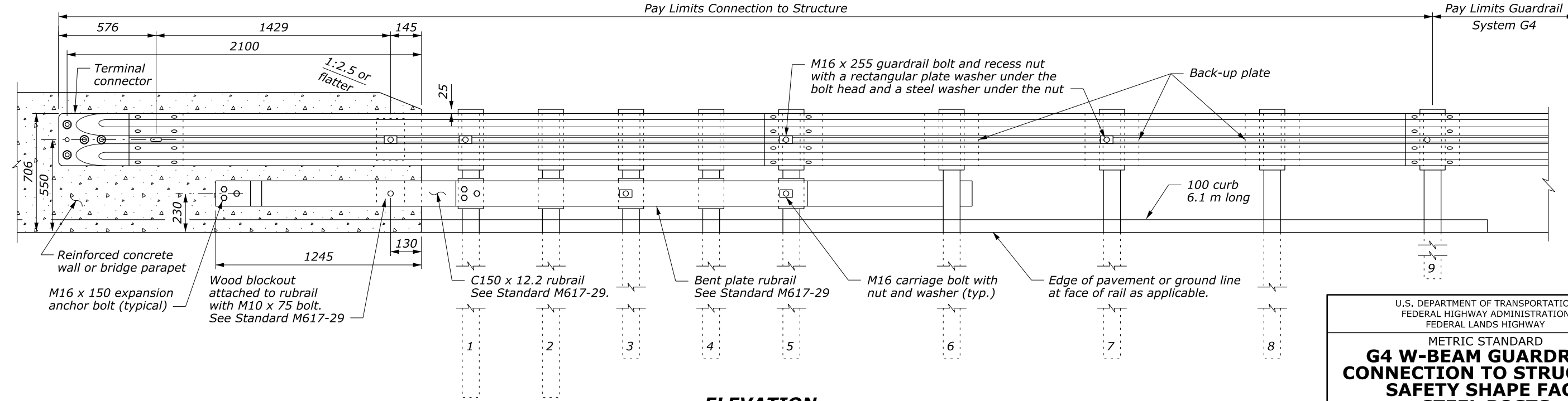
SECTION D-D

NOTE:

1. Posts 1 through 5 require an additional hole to attach lower wood blocks and/or rubrail.
2. Offset drill wood blocks for rubrail to sit squarely on the post flange on posts 1 through 4. Secure blocks to posts 2 and 4. Secure rubrail and blocks to post flange on posts 1, 3, and 5 using M16 carriage bolts.
3. Do not bolt W beam to posts and blocks at posts 2 and 4.
4. Reinforced concrete wall or bridge parapet must be capable of developing a 265 kN pull out strength.
5. Furnish hardware in the metric sizes shown. Equivalent U.S. Customary sizes may be used when metric sizes are unavailable.
6. Dimensions without units are millimeters.



PLAN



ELEVATION

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY	
METRIC STANDARD G4 W-BEAM GUARDRAIL CONNECTION TO STRUCTURE SAFETY SHAPE FACE STEEL POSTS	
STANDARD APPROVED FOR USE 3/1996	STANDARD
REVISED: 1/1998 DRAFT: 9/2013	M617-28

30 September 2013 11:01 AM c:\myfiles\pw_production\dms67487\Standard_617-28_DRAFT.dgn [Metric]