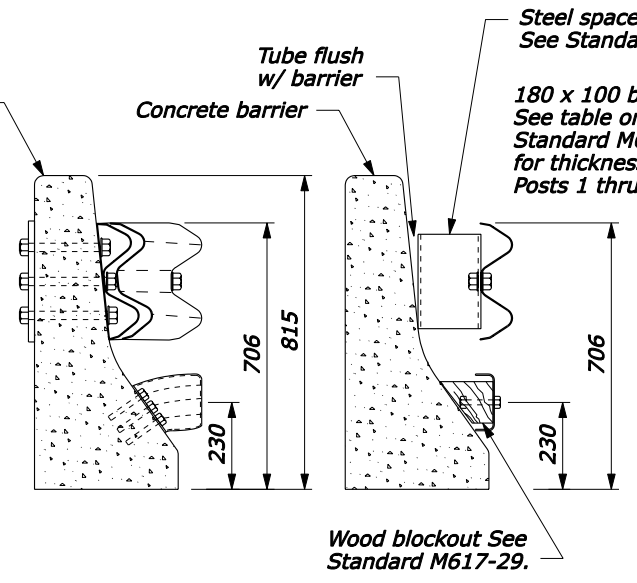
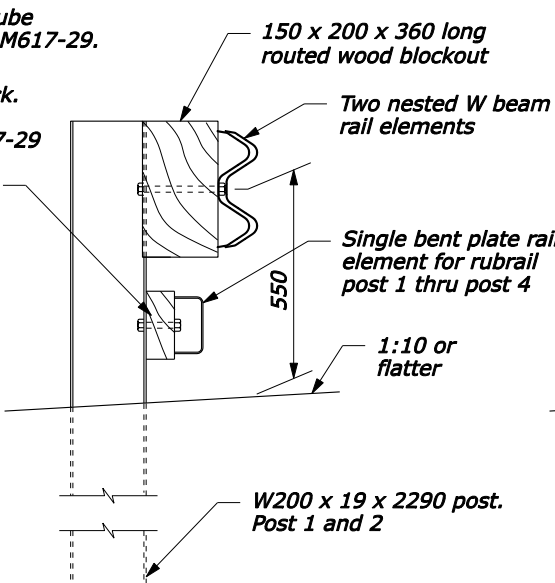


BEARING PLATE

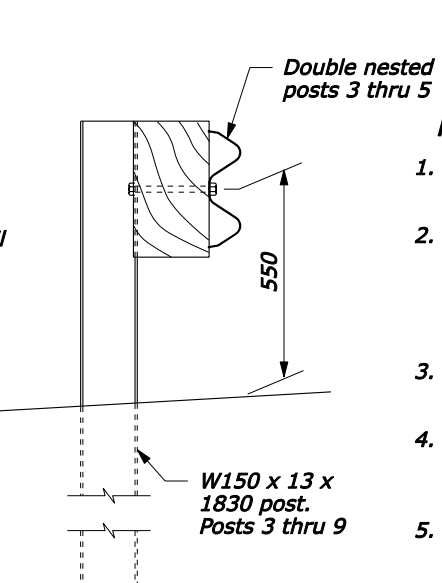


SECTION A-A

SECTION B-B

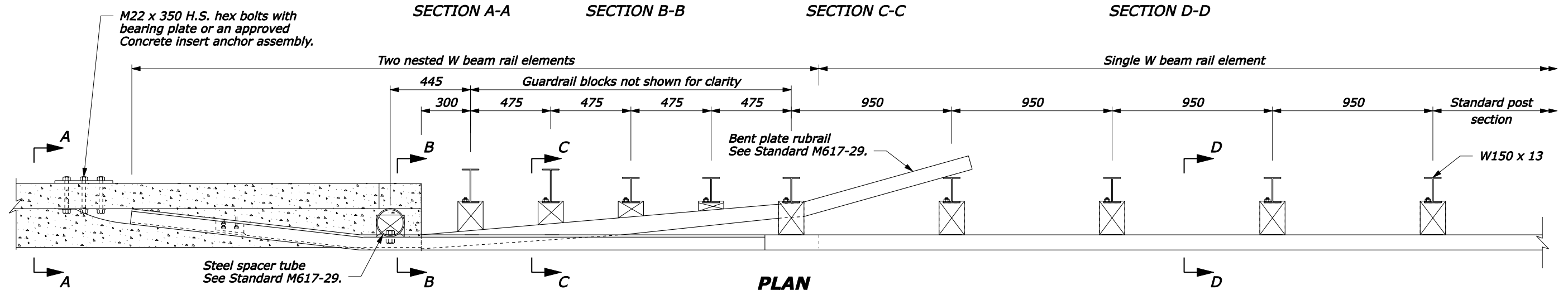


SECTION C-C

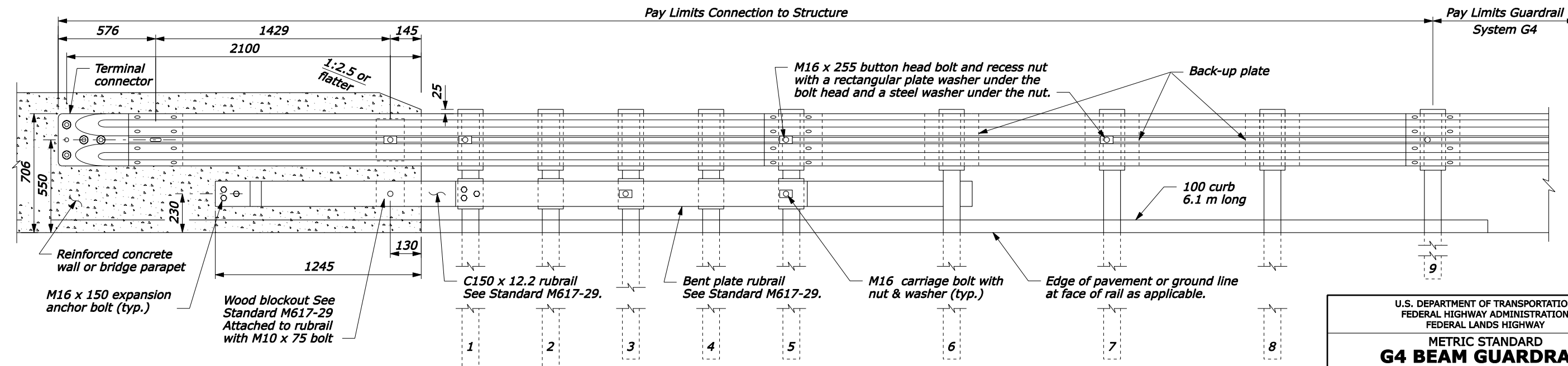


SECTION D-D

- 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 not available.
 6. Dimensions without units are millimeters.



PLAN



ELEVATION

FOR COMMENT

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 FEDERAL LANDS HIGHWAY

**METRIC STANDARD
 G4 BEAM GUARDRAIL
 CONNECTION TO STRUCTURE
 SAFETY SHAPE FACE
 STEEL POSTS**

STANDARD APPROVED FOR USE 3/1996
 REVISIONS: 1/1998
 DRAFT: 6/2004

STANDARD
M617-28

22-Jun-2004 03:56 PM
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