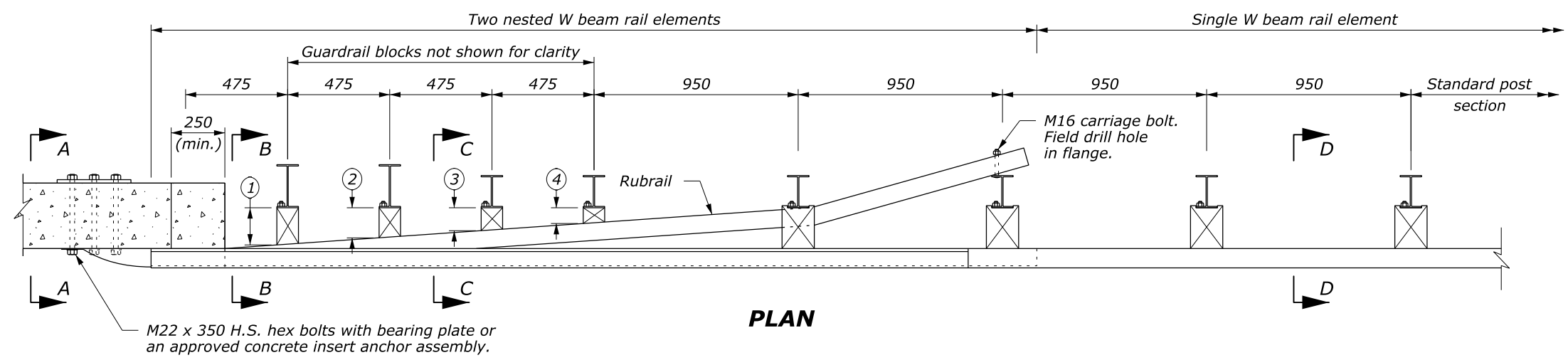
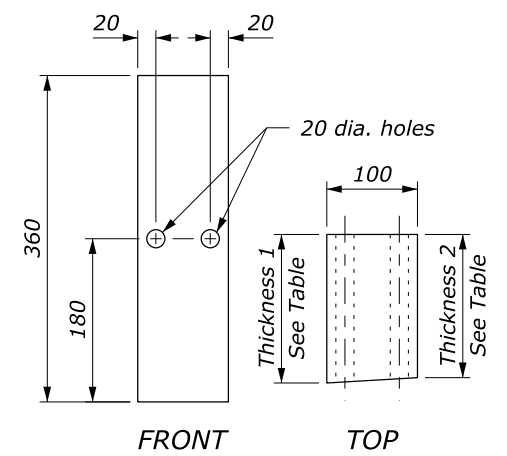
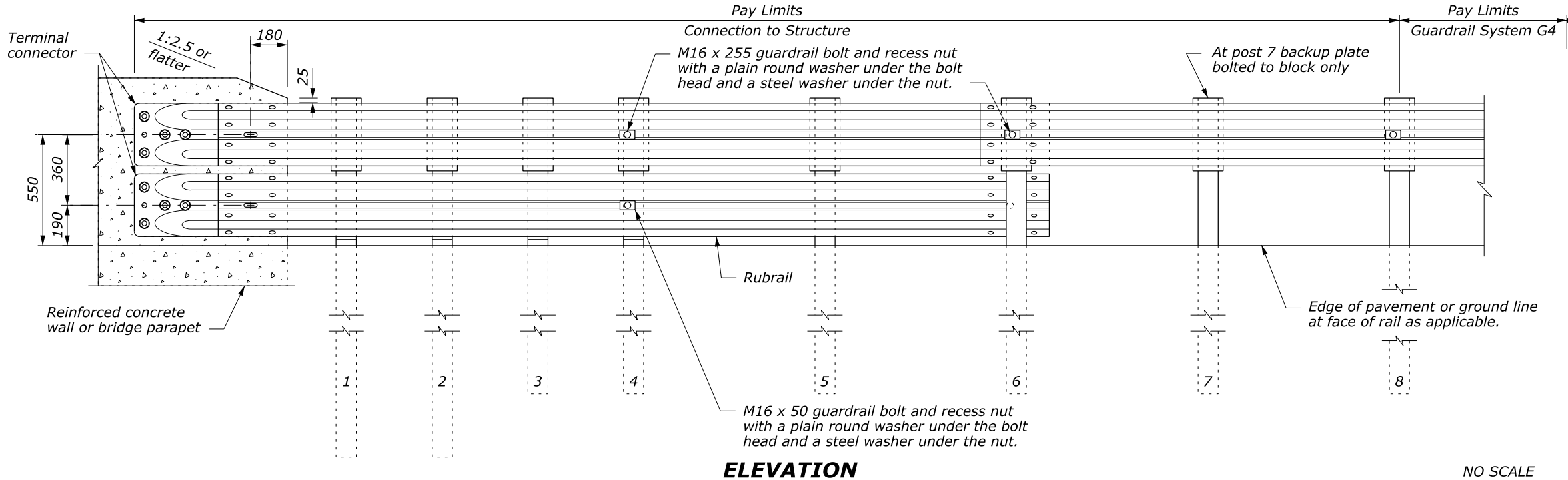


- NOTE:**
- The rubrail may be shop bent in the last 950 mm to facilitate installation.
 - Offset drill wood blocks for rubrail to sit squarely on the post flange posts 1 through 4. Secure blocks to post 1 through 3 with M16 carriage bolts.
 - Posts 1, 2, 3, 4 and 6 require an additional hole to attach lower wood blocks and/or the rubrail.
 - Do not bolt nested W beam or rubrail W beam to posts and blocks on posts 1, 2, 3 and 5. Bolt blocks directly to posts.
 - Reinforced concrete wall or bridge parapet must be capable of developing a 265 kN pull out strength.
 - Furnish hardware in the metric sizes shown. Equivalent US Customary sizes may be used when metric sizes are unavailable.
 - Dimensions without units are millimeters.



WOOD BLOCKS FOR RUBRAIL		
POST	THICKNESS 1	THICKNESS 2
①	164	158
②	131	125
③	99	93
④	67	61
⑤	NO BLOCK	NO BLOCK



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

**METRIC STANDARD
G4 W-BEAM GUARDRAIL
CONNECTION TO
VERTICAL FACE STRUCTURE
STEEL POSTS**

STANDARD APPROVED FOR USE 3/1996

REVISD: 1/1998
DRAFT: 9/2013

STANDARD
M617-26

NO SCALE

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