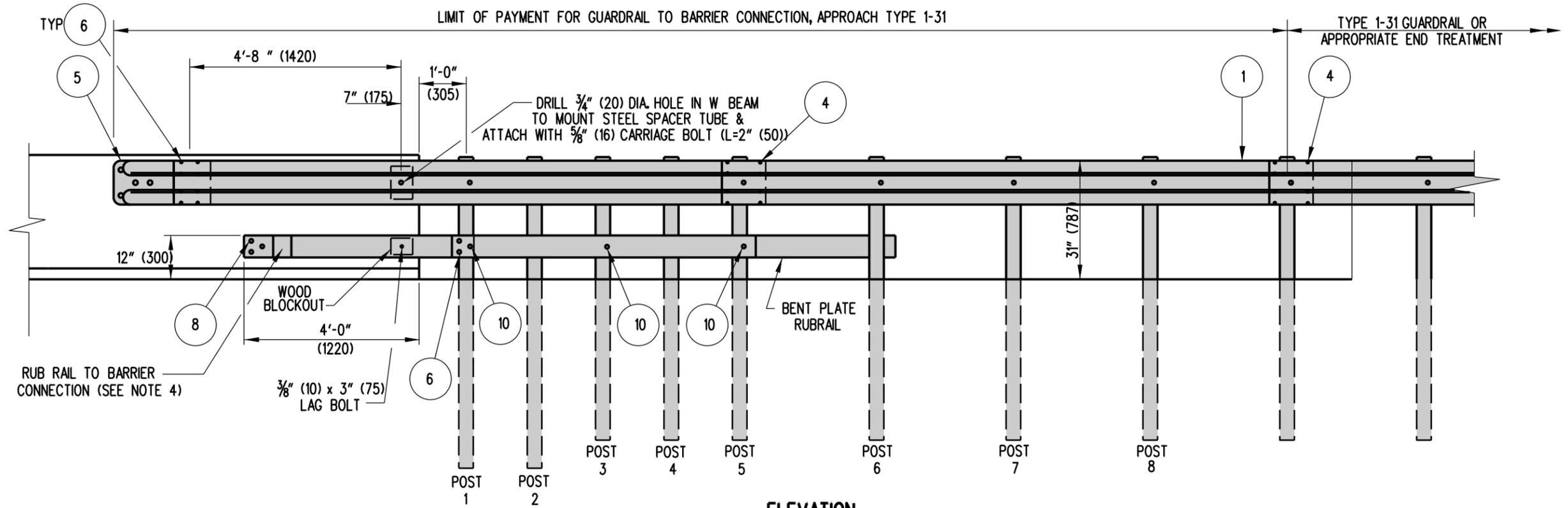


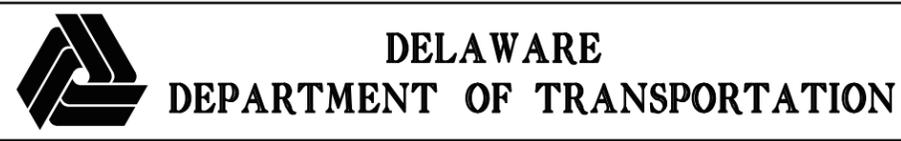
**PLAN**



**ELEVATION**

**NOTES:**

- 1). DO NOT ATTACH W BEAM TO POSTS 2 THROUGH 4.
- 2). DO NOT ATTACH RUB RAIL TO POSTS 2 AND 4.
- 3). POSTS 1 THROUGH 6 REQUIRE AN ADDITIONAL HOLE TO ATTACH LOWER OFFSET BLOCKS AND/OR RUBRAIL AND WOOD BLOCK.
- 4). USE APPROPRIATE EPOXY BOLT ANCHORS TO REDUCE THE CHANCE OF SPLITTING THE CONCRETE. PLACE STEEL WASHERS (FOR 5/8" (16) BOLT) BETWEEN HEADS AND RUB RAIL.
- 5). ALL HOLES SHALL BE DRILLED PRIOR TO GALVANIZING.
- 6). PLACE GUARDRAIL REFLECTOR AS PER THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 7). APPROVED CONCRETE INSERTS MAY BE USED IN NEW CONSTRUCTION TO ATTACH TERMINAL CONNECTOR TO PARAPET.
- 8). POSTS 1 & 2 ARE W8x13 (W200x19.3), 7'-6" (2.3m) LONG. ALL OTHER POSTS IN TRANSITION ARE W6x9 (W150x13.5), 6'-0" (1.82m) LONG.
- 9). A 6" (150) x 8" (200) x 14" (350) OFFSET BLOCK IS USED AT POSTS 1 THROUGH 6 AND A 6" (150) x 12" (300) x 14" (350) OFFSET BLOCK IS USED AT POSTS 7 THROUGH 9.



**GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1-31**

STANDARD NO. **B-5 (2010)** SHT. **1** OF **6**

**APPROVED** SIGNATURE ON FILE 12/28/2010  
CHIEF ENGINEER DATE

**RECOMMENDED** SIGNATURE ON FILE 12/27/2010  
DESIGN ENGINEER DATE