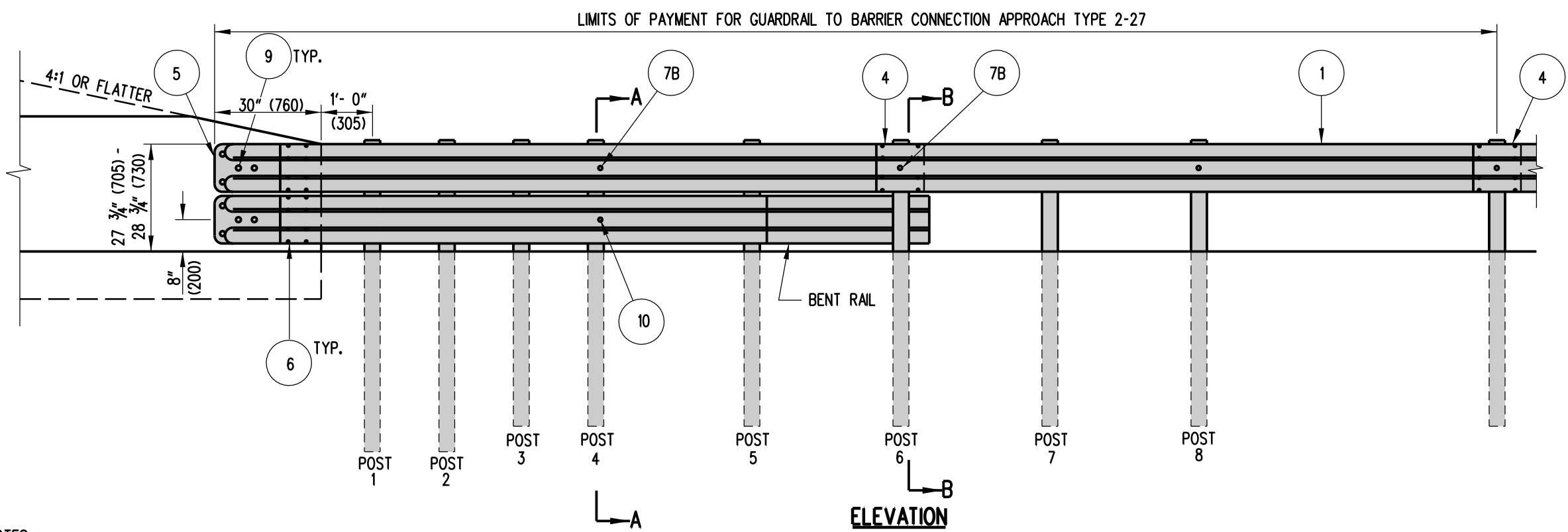


PLAN



ELEVATION

NOTES :

- 1). CURB SHALL NOT BE USED AT THE FACE OF RAIL WITHIN THE LIMITS OF THIS INSTALLATION.
- 2). POSTS 1, 2, 3, 4, AND 6 REQUIRE AN ADDITIONAL HOLE TO ATTACH WOOD BLOCKS AND/OR BENT RAIL.
- 3). DO NOT ATTACH RAILS TO POSTS 1, 2, 3, 5, OR 7.
- 4). POSTS 1 AND 2 ARE W8x13 (W200x19.3), 7'-6" (2.28m) LONG. ALL OTHER POSTS IN TRANSITION ARE W6x9 (w150x13.5), 6'-0" (1.82m) LONG.
- 5). BENT RAIL MAY BE SHOP BENT TO FACILITATE INSTALLATION OR MAY BE FIELD BENT USING HEAT.
- 6). APPROVED CONCRETE INSERTS MAY BE USED IN NEW CONSTRUCTION TO ATTACH TERMINAL CONNECTORS TO PARAPET.
- 7). ALL HOLES SHALL BE DRILLED PRIOR TO GALVANIZING.
- 8). PLACE GUARDRAIL DELINEATORS AT THE INTERVALS SPECIFIED IN THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 9). FOR INSTALLATIONS WHERE CURB EXISTS, IF THE EXISTING CURB IS 8" (200) OR HIGHER AND CANNOT BE REMOVED, THE BOTTOM RAIL CAN BE ELIMINATED.
- 10). SEE DETAIL B-5, SHEET 5 OF 6 FOR HARDWARE DETAILS.
- 11). BENT RAIL SHALL BE BOLTED TO THE BACK OF POST 6 WITH A 5/8" (16) GUARDRAIL BOLT, 4" (200) LONG, WASHER, AND NUT.

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|--|--|---------------------------|--------------------|---|--------------------|
| <p>DELAWARE DEPARTMENT OF TRANSPORTATION</p> | GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 2-27 | | APPROVED | SIGNATURE ON FILE _____ CHIEF ENGINEER | 12/28/2010 DATE |
| | STANDARD NO. B-21 (2010) | SHT. 2 OF 3 | RECOMMENDED | SIGNATURE ON FILE _____ DESIGN ENGINEER | 12/27/2010 DATE |