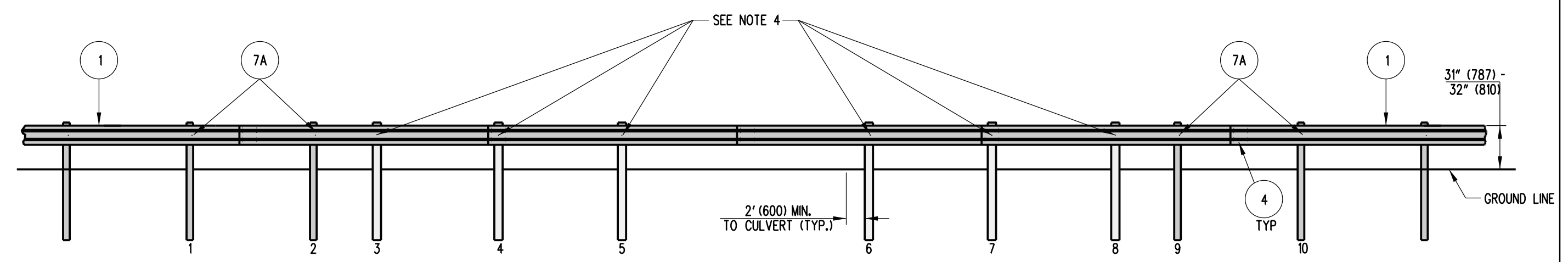


**PLAN**



**ELEVATION**

- NOTES:**
- 1). ALL W-BEAMS ARE 13'-6 1/2" (4130) IN LENGTH.
  - 2). PLACE GUARDRAIL DELINEATORS AT THE INTERVALS SPECIFIED IN THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  - 3). POSTS 1, 2, 9, & 10 ARE TO BE W6x9 (W15x13.5) STEEL POSTS. POSTS 3 THROUGH 8 ARE TO BE TYPE 31 LONG WOOD BREAKAWAY POSTS.
  - 4). THE RAIL SHALL BE ATTACHED AT POSTS 3 THROUGH 8 WITH A 5/8" (16) x 22" (560) GUARDRAIL BOLT, STEEL WASHER, AND RECESS NUT.



**DELAWARE**  
**DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL OVER CULVERTS, TYPE 1-31**

<b>STANDARD NO.</b>	<b>B-3 (2010)</b>	<b>SHT.</b>	<b>1</b>	<b>OF</b>	<b>3</b>
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<b>APPROVED</b>	SIGNATURE ON FILE	12/28/2010
	CHIEF ENGINEER	DATE
<b>RECOMMENDED</b>	SIGNATURE ON FILE	12/27/2010
	DESIGN ENGINEER	DATE