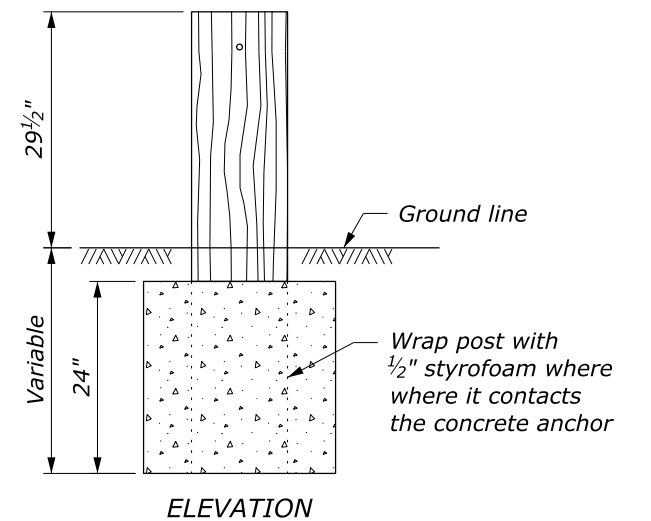
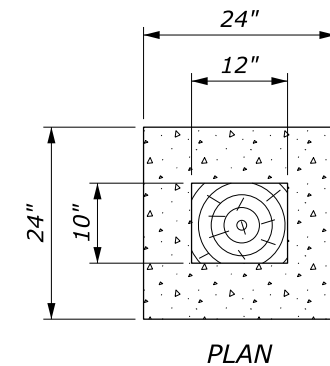
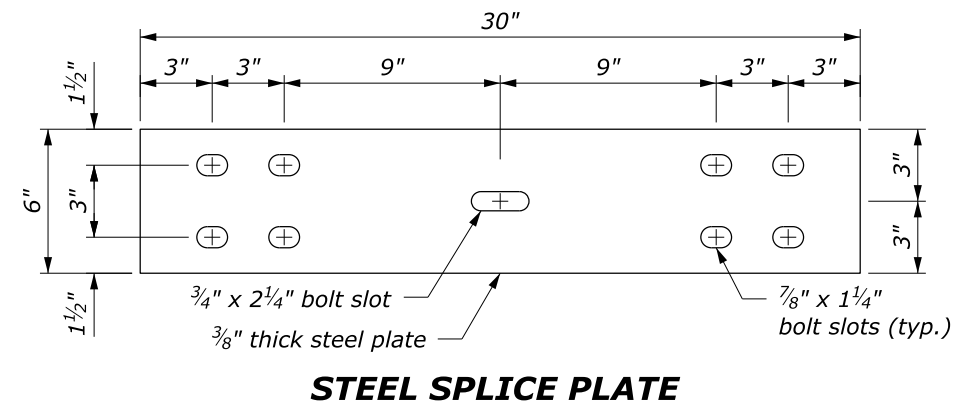
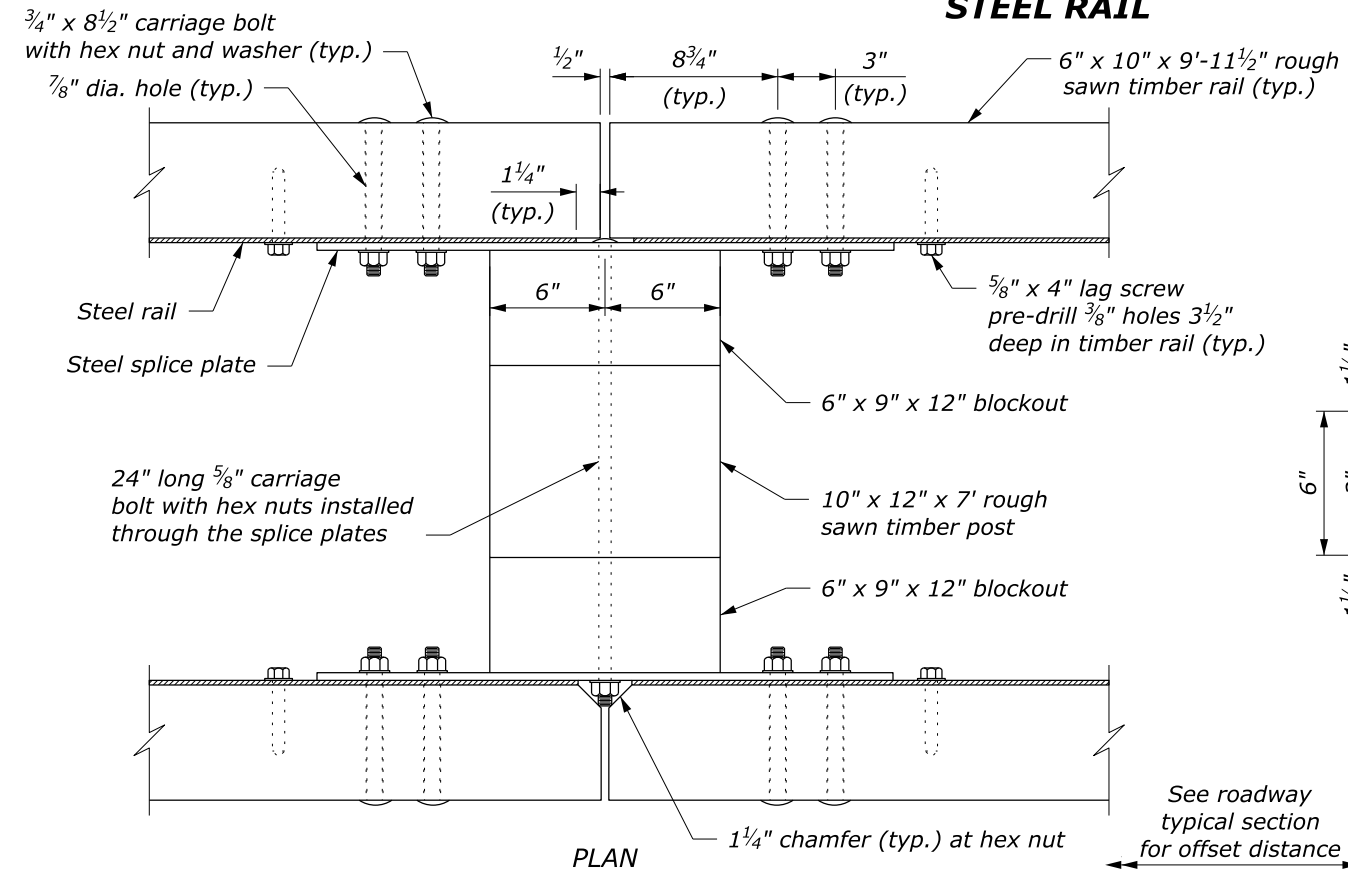
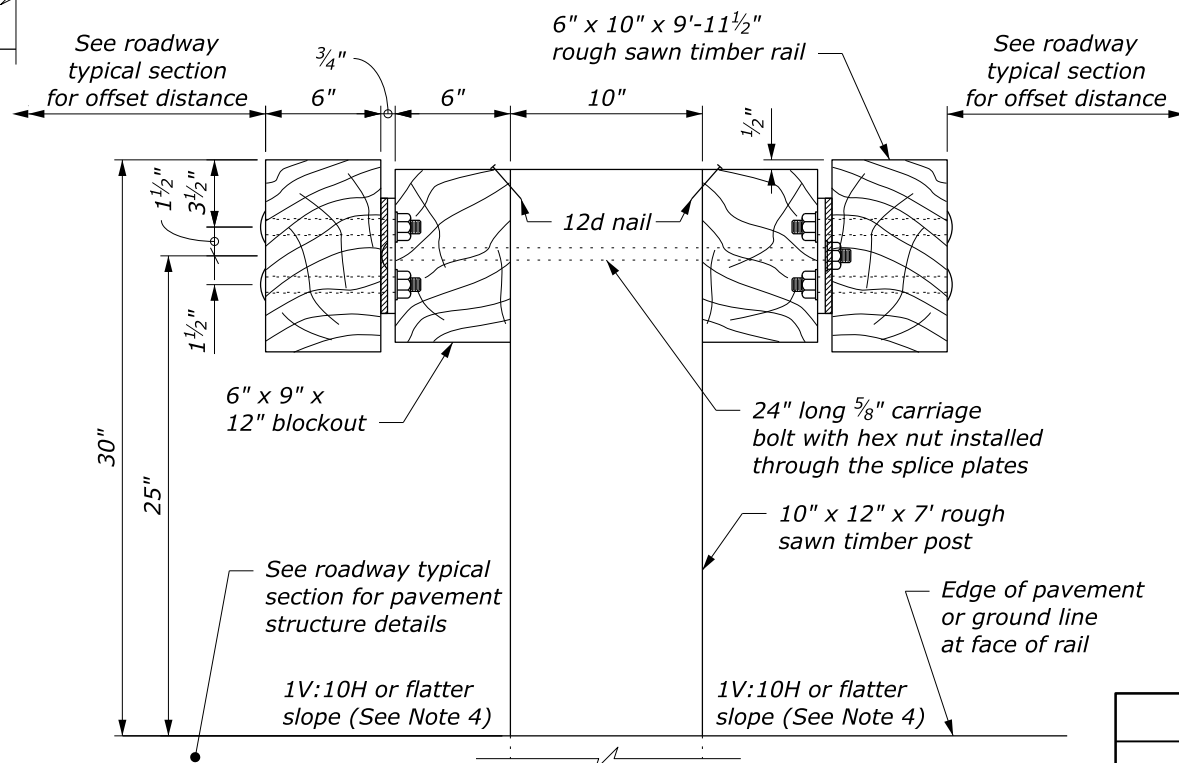
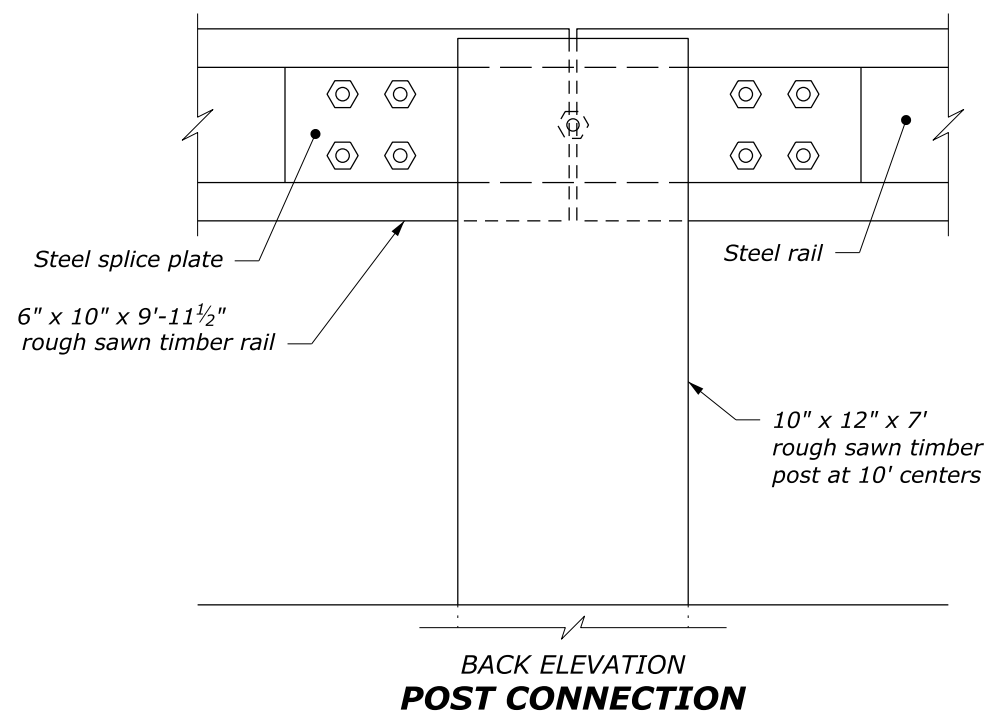


**NOTE:**

1. Use weathering steel for all structural steel and fastener hardware as specified.
2. Place terminal on both approach and trailing ends of median barrier installations. Use Type A blocked-out systems as shown in Standards 617-61 and 617-62.
3. Use no more than 3 short guardrail posts in a row. 25 inch diameter round anchors may be used instead of the square anchor shown. A reduced size is acceptable in solid rock as approved.
4. In areas where the rail face is offset a minimum of 20 feet from the edge of travel lane, a maximum approach shoulder slope of 1V:6H may be used.



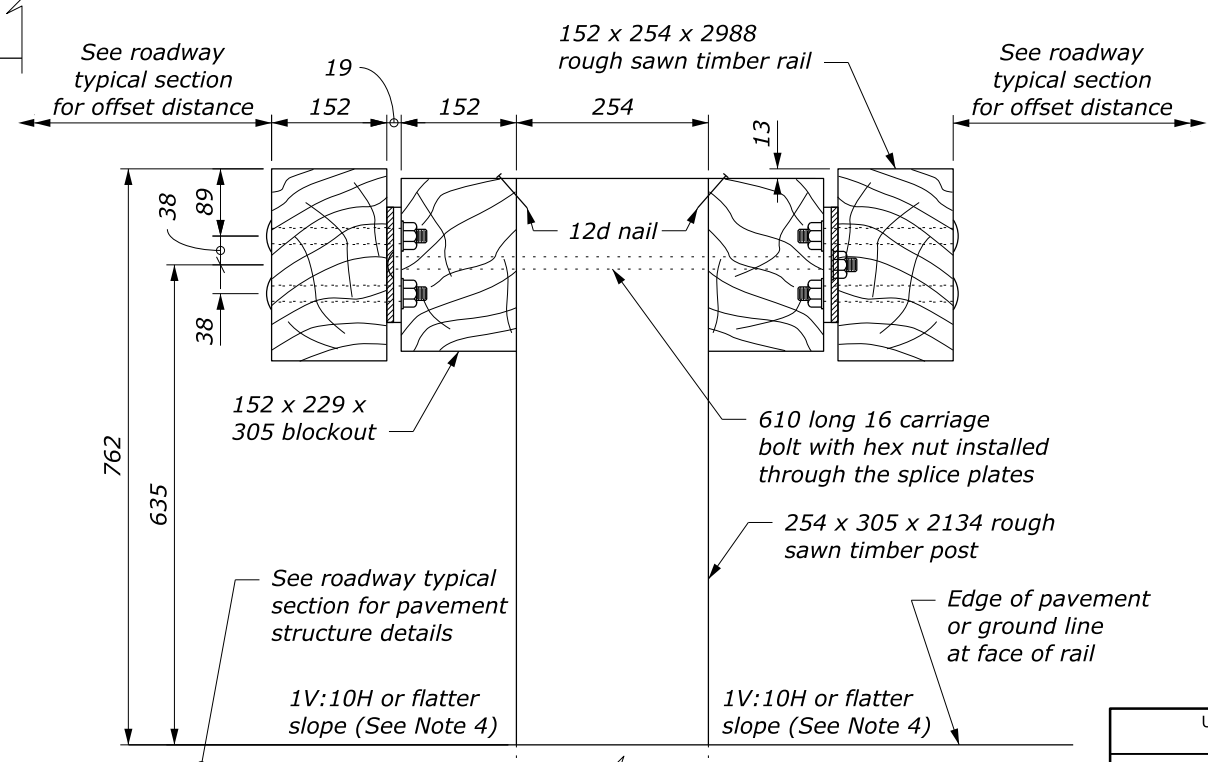
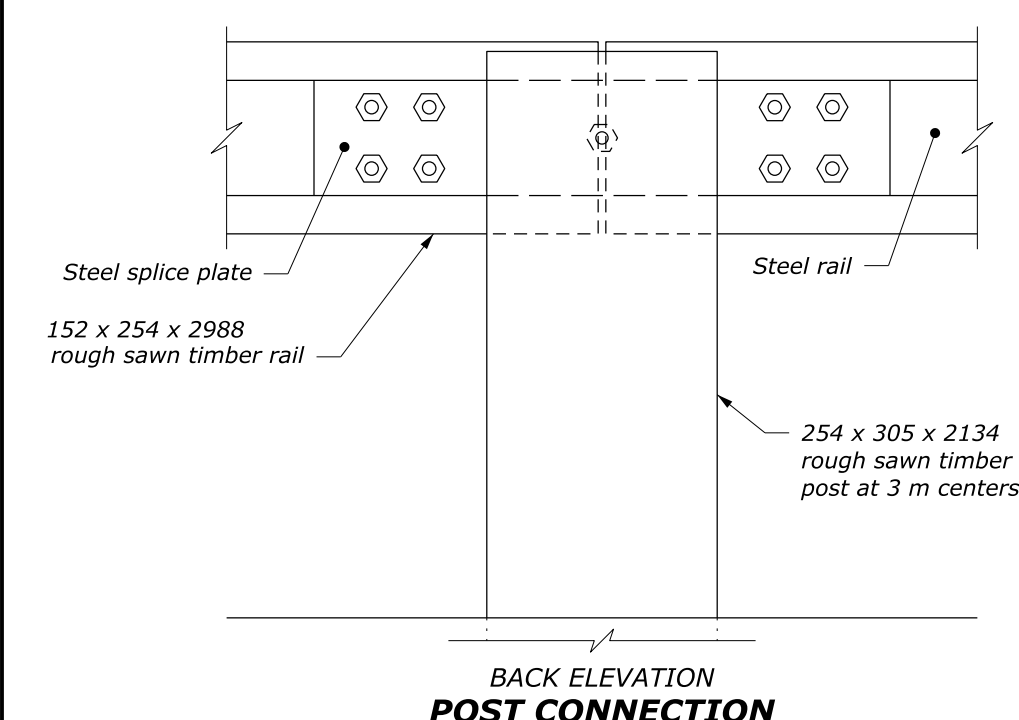
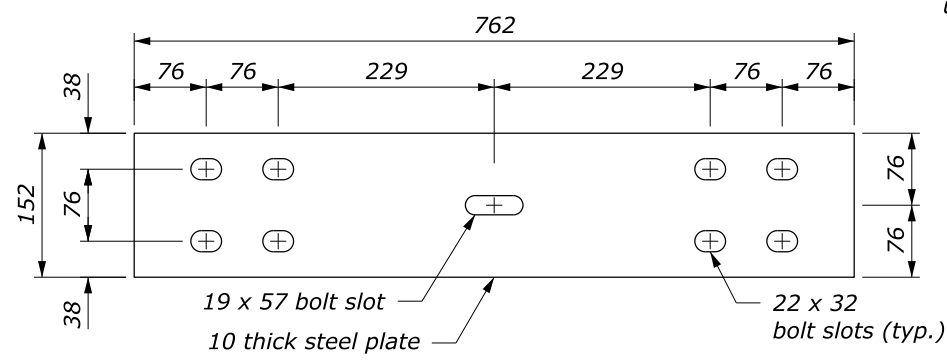
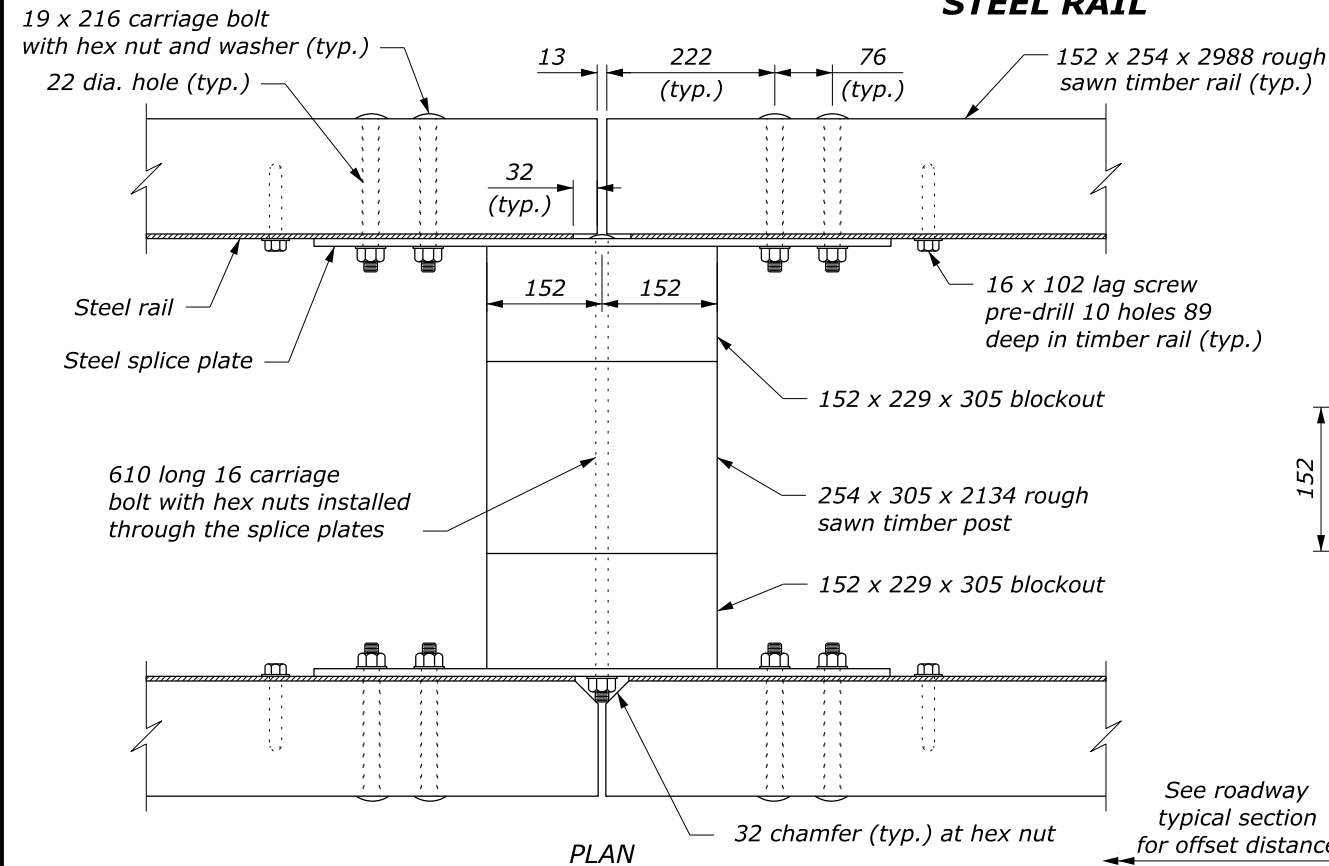
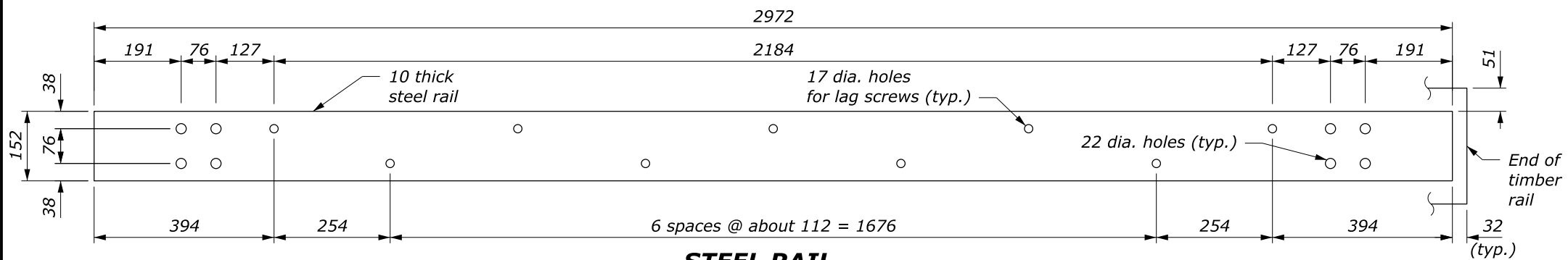
**CONCRETE ANCHOR FOR SHORT GUARDRAIL POST**  
See Note 3



**TYPICAL GUARDRAIL CROSS SECTION**

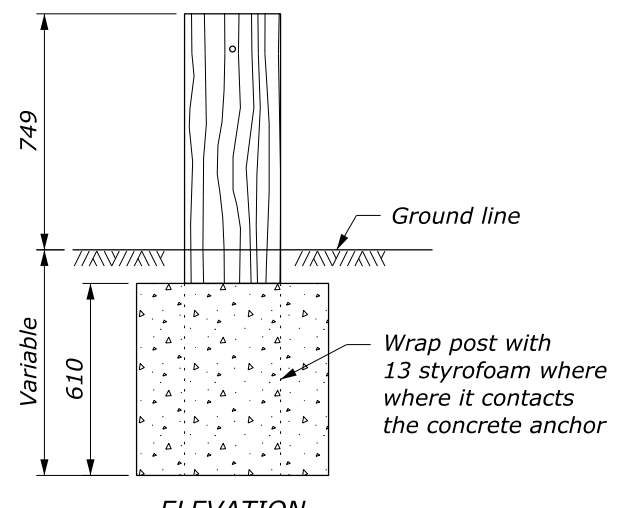
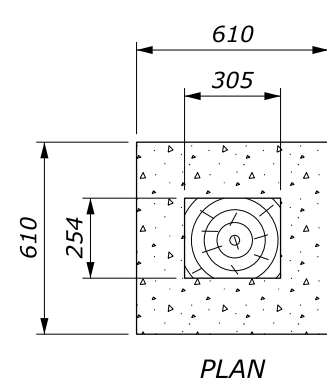
NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	FLH STANDARD 617-70
<b>STEEL-BACKED TIMBER GUARDRAIL, MEDIAN TYPE A</b>	SPECIFICATION FP-24, FP-14
	APPROVED FOR USE 1/2024



**NOTE:**

1. Use weathering steel for all structural steel and fastener hardware as specified.
2. Place terminal on both approach and trailing ends of median barrier installations. Use Type A blocked-out systems as shown in Standards M617-61 and M617-62.
3. Use no more than 3 short guardrail posts in a row. 635 mm diameter round anchors may be used instead of the square anchor shown. A reduced size is acceptable in solid rock as approved.
4. In areas where the rail face is offset a minimum of 6 m from the edge of travel lane, a maximum approach shoulder slope of 1V:6H may be used.
5. Provide hardware in the Metric sizes shown. Equivalent US Customary sizes may be used when Metric sizes are unavailable.



**CONCRETE ANCHOR FOR SHORT GUARDRAIL POST**

See Note 3  
This drawing contains **Metric** units of measure. Dimensions without units are millimeters.

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	FLH STANDARD M617-70
<b>STEEL-BACKED TIMBER GUARDRAIL, MEDIAN TYPE A</b>	SPECIFICATION FP-24, FP-14
	APPROVED FOR USE 1/2024

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NO SCALE