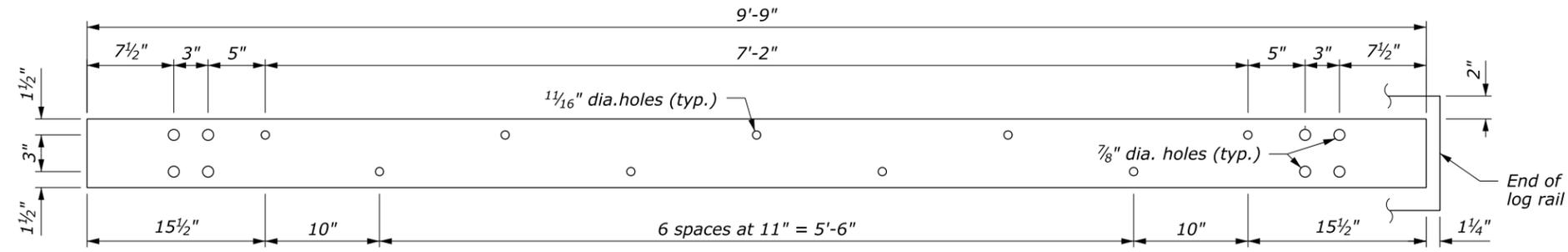
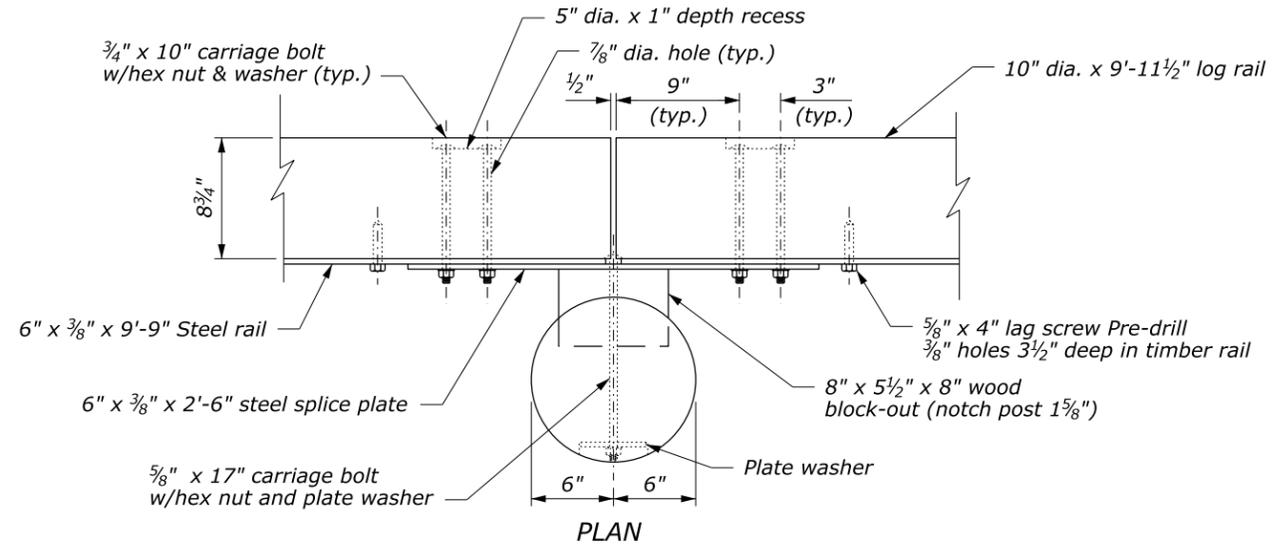


User: Christine.Black
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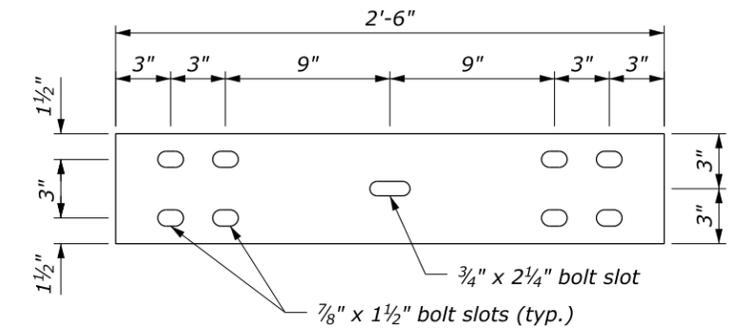


STEEL RAIL
6" x 3/8" x 9'-9"

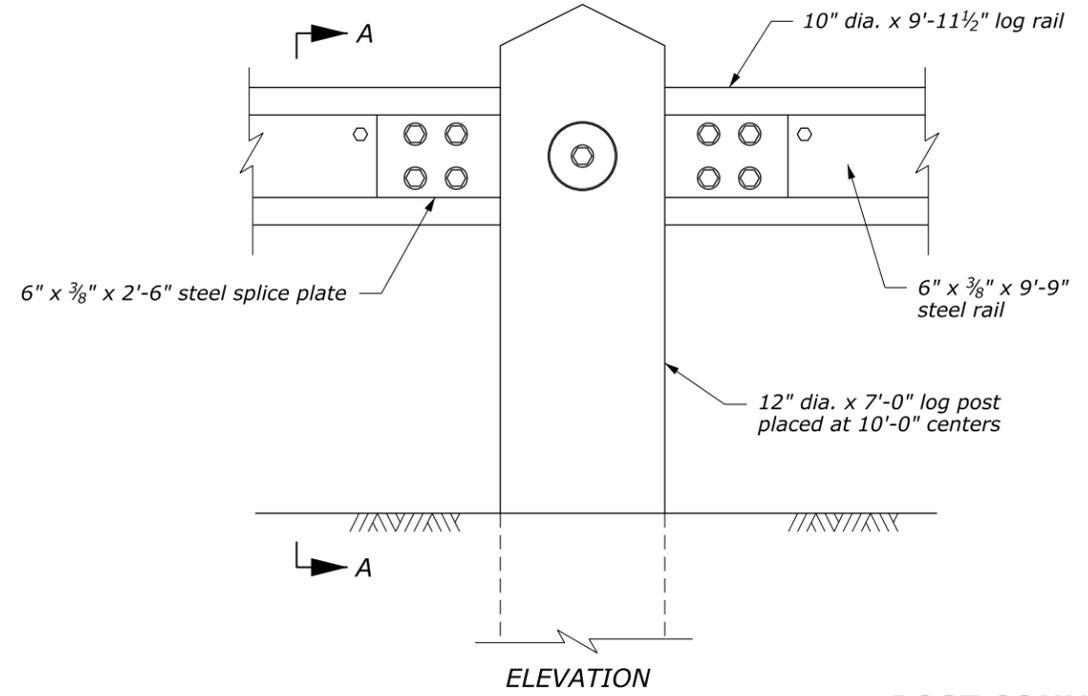
NOTE:
1. For details of the wood block-out, post notch, and general notes for Steel-Backed Log Guardrail, see Detail C617-81.



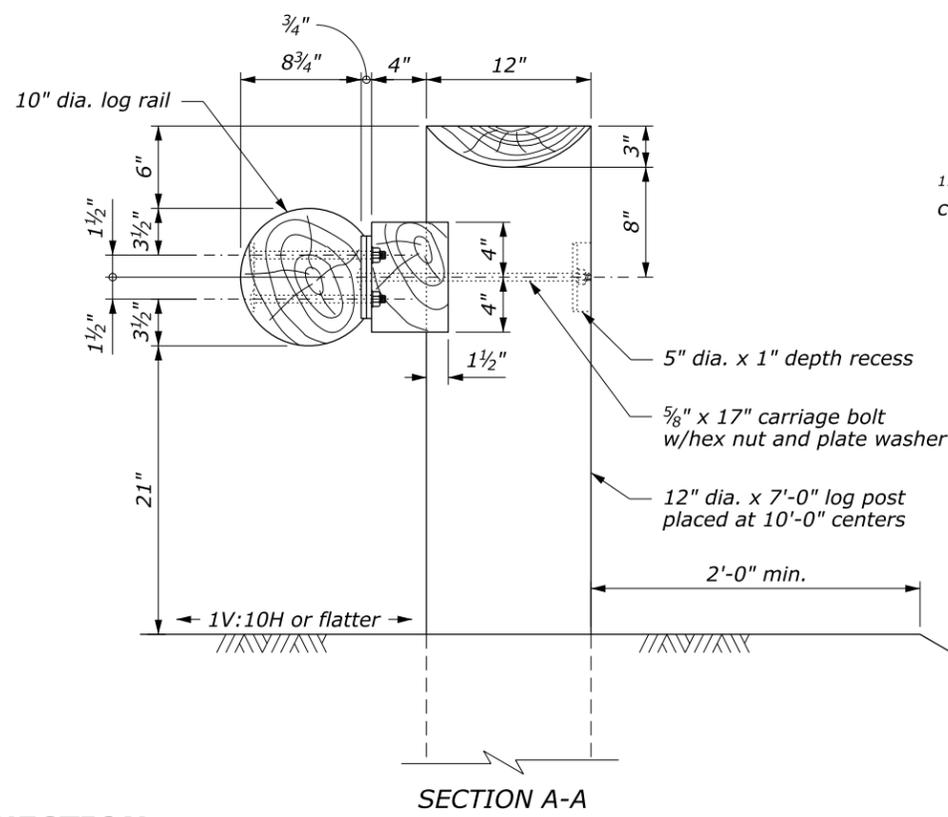
PLAN



STEEL SPLICE PLATE
6" x 3/8" x 2'-6"



ELEVATION



SECTION A-A

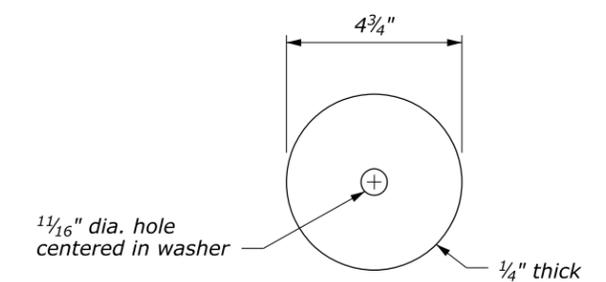


PLATE WASHER

NO SCALE

POST CONNECTION

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
STEEL-BACKED LOG RAIL	
DETAIL APPROVED FOR USE 02/2019	DETAIL
REVISED:	C617-80

NOTES TO THE DESIGNER
 Last Updated: February 2019

Steel-backed Log Rail

General Information

Appropriate Applications.

- Steel-backed log (SBL) guardrail is an aesthetic roadside barrier.

<i>Crash Test Criteria</i>	NCHRP 350
<i>Test Level</i>	TL-2
<i>FHWA Eligibility Letter</i>	B-64D2
<i>TF 13 Designator</i>	Not posted
<i>Crash Test Report</i>	Not available

Limitations.

- Use only on low-speed roadways.
- Need additional embankment width to accommodate width of guardrail installation.

Layout Guidance.

- See AASHTO *Roadside Design Guide*
- Use the FLH Barrier Length of Need Calculator available at <https://flh.fhwa.dot.gov/resources/design/tools/Barrier-LON.xlsx>

Applicable SCRs

None

Typical Pay Item Used

- 61701-4400 Guardrail system SBLG [LNFT]

Updates

February 2019

- New Detail drawing