



U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE



STANDARD PLANS  
For

SINGLE LOG STRINGER TRAIL BRIDGE  
[PROJECT NAME & BRIDGE NUMBER]

PROJECT DESIGN CRITERIA:

This Bridge Shall Be Constructed In Accordance With The Following Criteria: Options To Be Selected Are Bracketed [ ].

Pedestrian Live Load = \_\_\_\_ PSF  
Ground Snow Load = \_\_\_\_ PSF (With No Modification Factors)  
Span Length = \_\_\_\_ (C Bearing-To-C Bearing)  
Clear Width = \_'-\_" (See Typical Section)  
Log Diameter\* = \_"

\*Refer To TABLE 1.1 And Compare Stringer Size Requirements For Both Pedestrian And Snow Loading. In The Space Above, Enter The Larger Stringer Diameter That Satisfies The Two Load Cases.

Bridge Rail = [Native Poles/Sawn Timber/None]

Steel Hardware = [Uncoated/Galvanized/Weathering Steel]

Treatment - See GENERAL NOTES For Specifications

Stringer = [None/Pentachlorophenol/Copper Naphthenate]

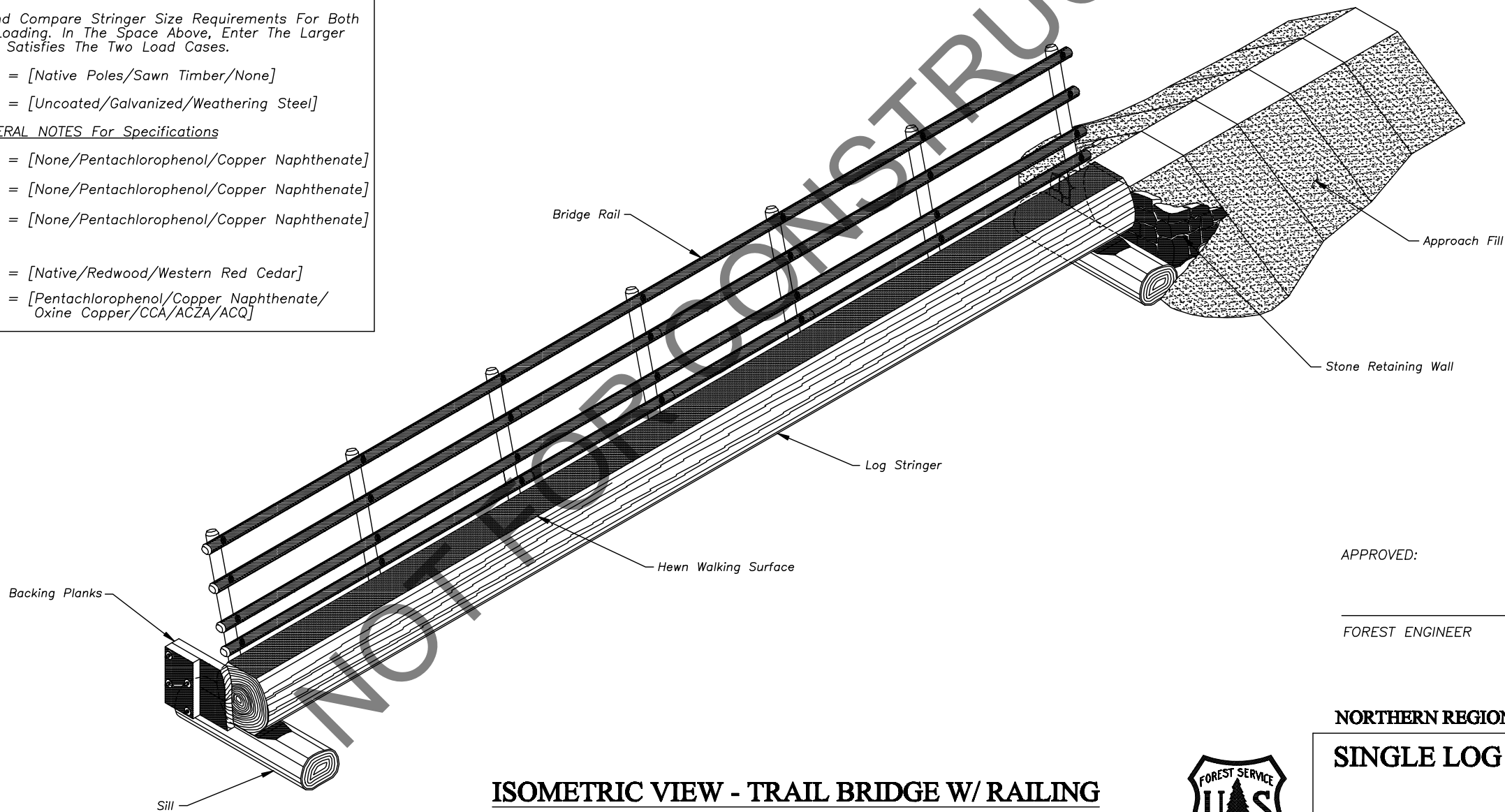
Sills & Deck Planks = [None/Pentachlorophenol/Copper Naphthenate]

Backing Planks = [None/Pentachlorophenol/Copper Naphthenate]

Bridge Railing & Posts

Untreated = [Native/Redwood/Western Red Cedar]

Treated = [Pentachlorophenol/Copper Naphthenate/  
Oxine Copper/CCA/ACZA/ACQ]



ISOMETRIC VIEW - TRAIL BRIDGE W/ RAILING

Scale: 1/4" = 1'-0"



APPROVED:

\_\_\_\_\_  
FOREST ENGINEER

DATE \_\_\_\_\_

NORTHERN REGION (R1) AND NORTHWEST REGION (R6)

SINGLE LOG STRINGER TRAIL BRIDGE

DRAWING NO. R1924

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