

LOG STRINGER DAPPING
 MAXIMUM DEPTH OF DAP SHALL NOT EXCEED 10% OF LOG DIAMETER OF 2"

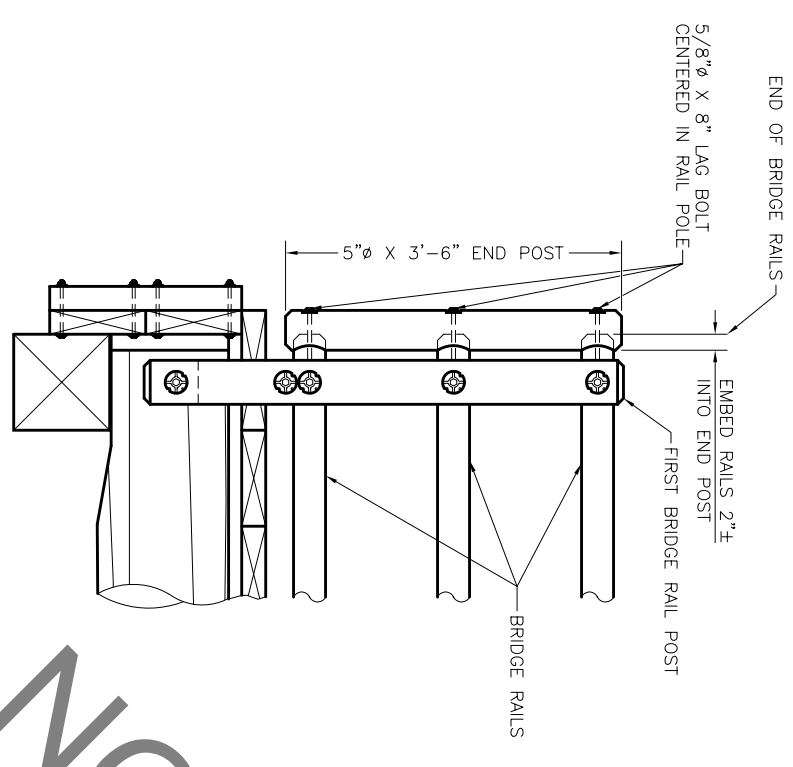
LOG STRINGER BRIDGE ABUTMENT CONNECTION DETAILS
 SCALE: 1" = 1'-0"
 RA840B4

ELEVATION
 *TIMBER SILL CAN BE EITHER 12" X 12" SOLID SAWN OR 10 3/4" X 12" GLUED LAMINATED OR BUILT UP
 2" X 12", 3" X 12", 4" X 12" & 6" X 12" TREATED MEMBERS

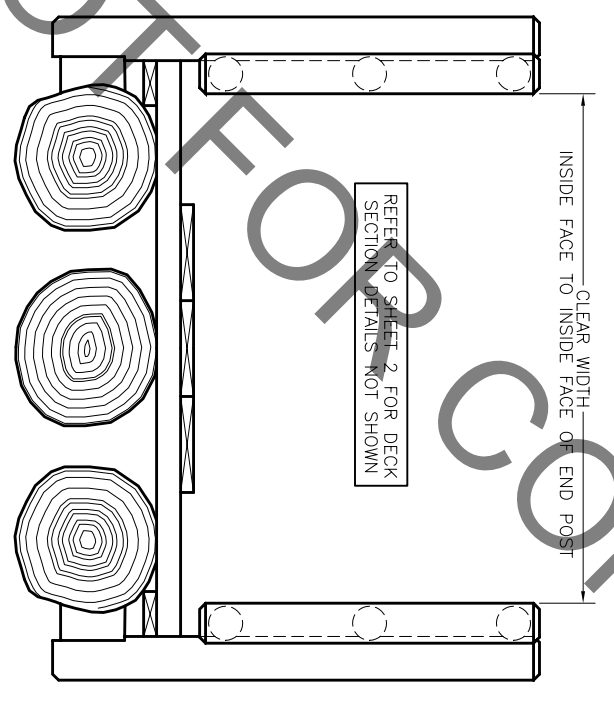
NOTES:

SPECIFICATIONS: MATERIALS AND CONSTRUCTION OF THIS STRUCTURE SHALL BE IN ACCORDANCE WITH THE CURRENT ADOPTED USDA FOREST SERVICE SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES, AS MODIFIED FOR THIS CONTRACT.
 HARDWARE AND STRUCTURAL STEEL: SEE SUPERSTRUCTURE DRAWINGS FOR PROJECT DESIGN CRITERIA AND GENERAL NOTES.

TREATED TIMBER & LUMBER: REFER TO THE GENERAL NOTES ON THE SUBSTRUCTURE DRAWINGS FOR TREATED TIMBER & LUMBER SPECIFICATIONS AND FIELD TREATING OF WOOD.
 LAG BOLT INSTALLATION: PREBORE LAG BOLT HOLES USING TWO DIAMETERS, ONE FOR THE SHANK AND ONE FOR THE THREADS. THE LEAD HOLE FOR THE SHANK IS TO BE 1/16" LARGER THAN THE SHANK DIAMETER AND IS TO BE BORED TO THE DEPTH OF PENETRATION OF THE SHANK. THE LEAD HOLE FOR THE THREADED PORTION IS TO BE 70% OF THE BOLT DIAMETER AS SHOWN ON THE PLANS AND IS TO BE BORED AT LEAST TO THE LENGTH OF THE THREADS. DO NOT DRIVE LAG BOLTS WITH A HAMMER.



ELEVATION-END POST



END VIEW-DECK SECTION W/END POSTS

TYPICAL END POST CONNECTION DETAILS
 SCALE: 1" = 1'-0"
 RA840A4

**-REDUCED-
 DO NOT SCALE DRAWING**

REV.	DESCRIPTION	DATE
Δ	REVISED TO R-6 STRUCTURES CAD STANDARDS	5/24/05
	U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE THE PACIFIC NORTHWEST REGION (R-6)	

LOG STRINGER
 10 FT - 45 FT LONG
 TRAIL BRIDGE

Forest Bridge No.:
 Location:
 Designed:
 Drawn:
 Checked:
 Approved: /s/ MERVIN O. ERIKSSON
 REGIONAL BRIDGE ENGINEER
 Date: 03/01/2004

APPROVED:

FOREST ENGINEER

DATE

DWG NO.

SHEET 4 of 4 DESIGN AID RA840