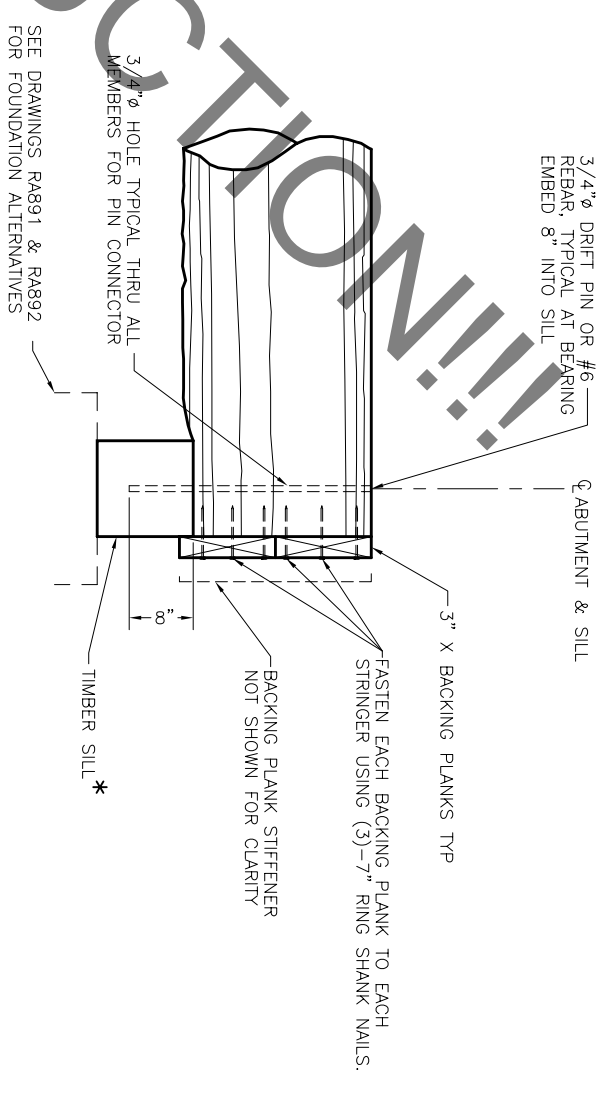


LOG SILL NOTCHING DETAIL
SCALE: 1" = 1'-0"
RA820A4



ABUTMENT CONNECTION DETAIL
SCALE: 1" = 1'-0"
RA820B4

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.

FOR CONSTRUCTION

**—REDUCED—
DO NOT SCALE DRAWING**

REV.	DESCRIPTION	MOE	DATE
Δ	REVISED TO R-6 STRUCTURES CAD STANDARDS		3/24/08

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
THE PACIFIC NORTHWEST REGION (R-6)

SINGLE LOG STRINGER
10 FT - 45 FT LONG
TRAIL BRIDGE

APPROVED:

FOREST ENGINEER

DATE

DWG NO.

SHEET 4 of 4 DESIGN AID RA820

Approved: /s/ MERVIN O. ERIKSSON
REGIONAL BRIDGE ENGINEER Date: 03/01/2004

Designed: Drawn: Checked:

Forest Bridge No.: Loading Length Width: Location: