

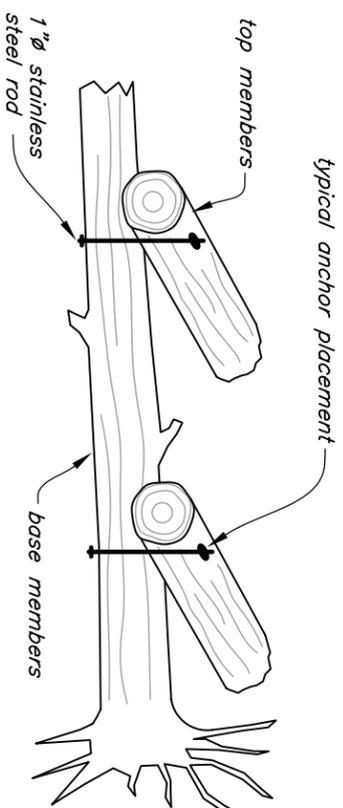
TYPE A LOG JAM & ROCK PLACEMENT DIAGRAM

SECTION

PLAN VIEW

LOG JAM NOTES:

1. Log jams will be located and staked in the field by NRCS engineer prior to construction.
2. Logs for the log jam shall be cedar, spruce, pine or fir. Limbs and branches shall be in tact to the fullest extent possible. Other types of logs may be used if approved prior to construction with the NRCS engineer. Structure members are to be a minimum of 2 feet bole diameter with 6 feet effective diameter rootwad.
3. Excavate a cradle area on the streambed to place base members of log jam. Bury rootwad 3 feet into streambed. Use excavated gravels to backfill around base members.
4. Ballast structure with at least 11 boulders (3) 6 foot and (8) 4 foot diameter, resting on top of the log in a stable position. Each log shall be ballasted with at least 2 boulders.
5. Anchor all members together as shown in anchor detail. Pre-drill 1 inch hole and use an A307 hot-dipped galvanized, 1 inch diameter, threaded stainless steel rod with heavy plate washers and nuts.



ANCHOR DETAIL
(not to scale)



Scale in feet

This drawing requires supporting technical documentation prior to use and must be adapted to the specific site.

Drawing not to scale.



TYPE "A" LOG JAM

STREAMBANK RESTORATION

Designed	_____	Date	_____
Drawn	NRCS OREGON		5/2006
Checked	_____		_____
Approved	_____		_____
Title	_____		_____

File Name
or_log_jam_a.dwg
Drawing No.

Sheet 1 of 1