ALLOWABLE ALTERNATIVE TIE-DOWN METHOD

PLUG GAPS BETWEEN LOGS WITH-excavated MATERIAL

CONTOUR LINE (TYP.)

TOP OF STAKES FLUSH WITH TOP OF LOG

EXCAVATED MATERIAL COMPACTED AND SPREAD EVENLY ON UPHILL SLOPE - COMPACT AGAINST UPHILL SIDE OF LOG TO FORM WATERTIGHT SEAL

TOP OF LOWER COIR LOG IN LINE WITH BOTTOM OF COIR LOG ABOVE (TYP.)

TOP OF STAKES FLUSH WITH TOP OF LOG

SPACING DEPENDENT UPON SLOPE - TOP OF LOWER COIR LOG IN LINE WITH BOTTOM OF COIR LOG ABOVE (TYP.)

COIR LOG

1/2" DIAMETER NATURAL FIBER ROPE

12" DIAMETER MINIMUM

LAND / UPHILL

WATER / DOWNHILL

COIR LOG

2" x 2" x 36" MIN. UNTREATED WOODEN STAKE (TYPICAL)

1/2" DIAMETER MINIMUM

SHORELINE - IF APPLICABLE (SEE CONTRACT PLANS)

ORDINARY HIGH WATER MARK

EROSION CONTROL DETAILS
COIR LOG PLACEMENT
STANDARD PLAN I-30.60-00

NOTES
1. Coir logs shall be installed starting at the bottom of the slope and working uphill.
2. Excavated material shall be spread evenly along the uphill slope and compacted by hand tamping or other methods approved by the Engineer.
3. Overlap Coir log ends by 12" to prevent water from moving between logs.
4. Always install Coir log perpendicular to slope along contour lines. Ends shall angle uphill to prevent flow around the Coir log.
5. Use an adequate number of stakes to ensure logs are secure.
7. Perform maintenance in accordance with Standard Specification 8-01.3(15).