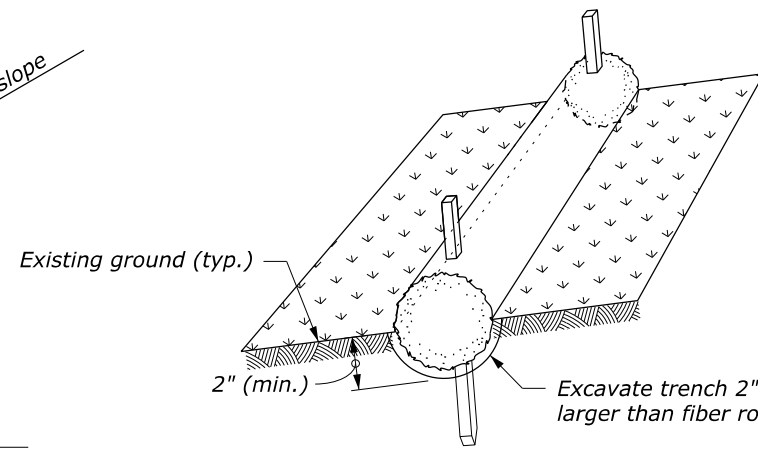
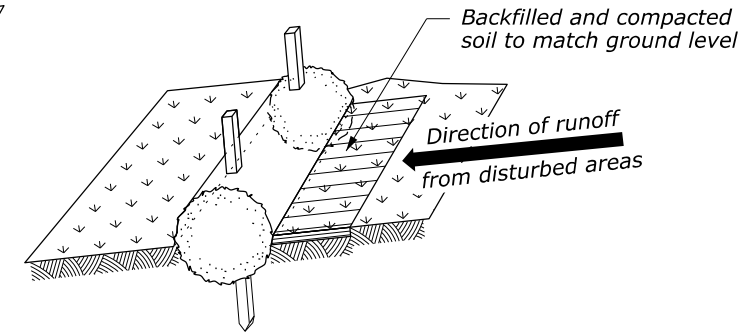


ELEVATION

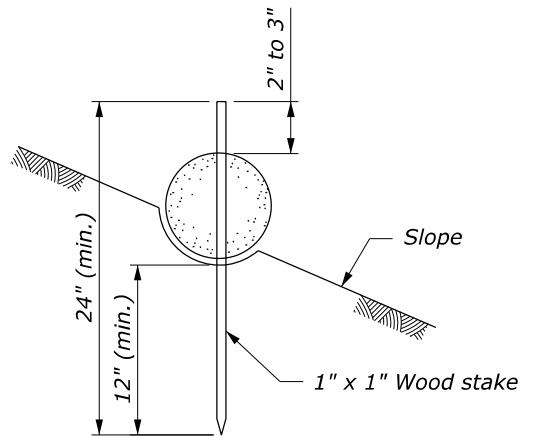


Step 1: Excavate trench and install fiber rolls

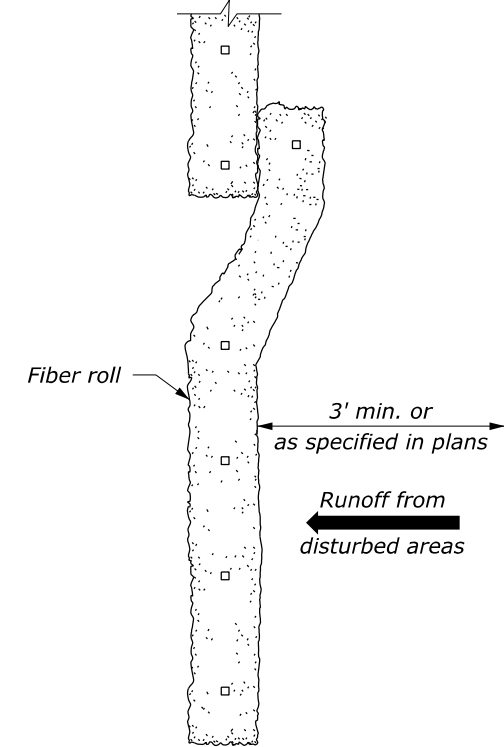


Step 2: Backfill soil against fiber rolls

PROPERLY STAKED AND ENTRENCHED FIBER ROLL



FIBER ROLL STAKING DETAIL

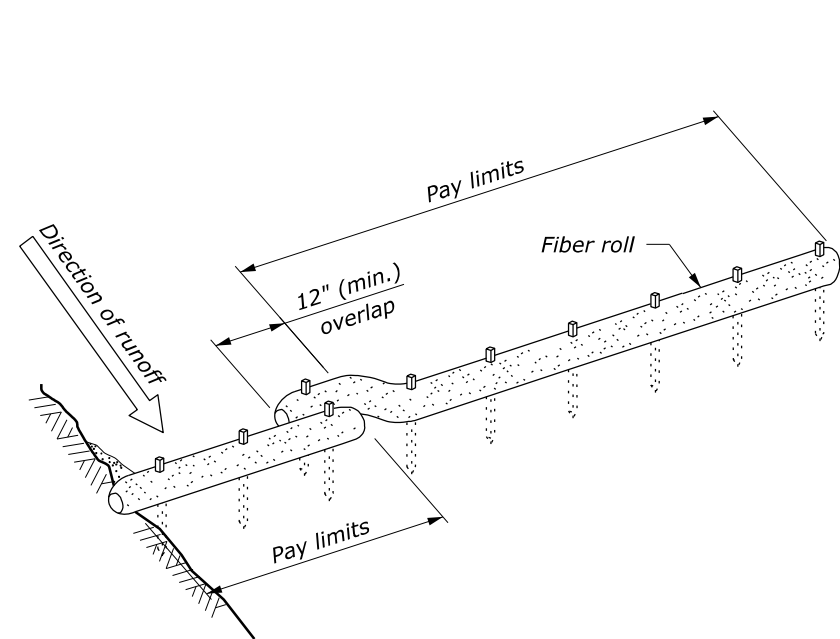


PLAN

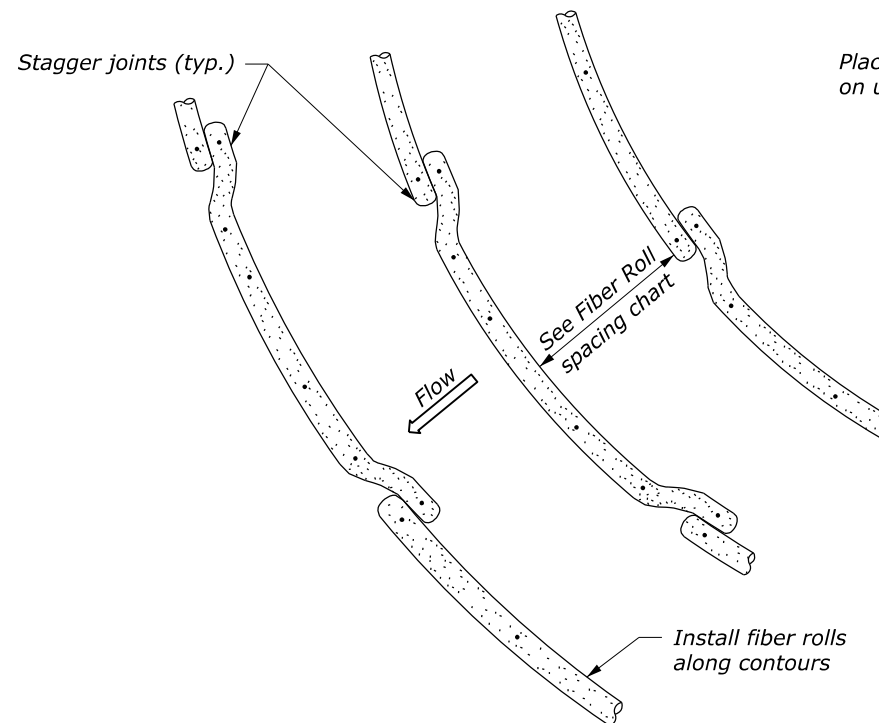
INSTALLATION BEYOND TOE OF SLOPE

FIBER ROLL SPACING	
Slope	Spacing (FT)
1:4 or flatter	40
1:3	30
1:2	20
1:1	10

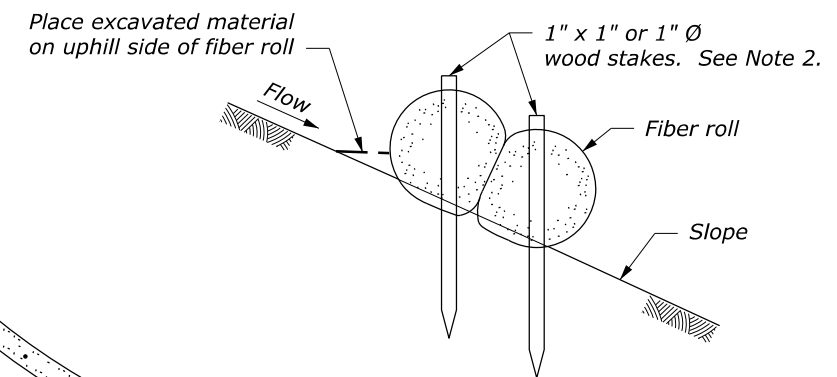
STAKES REQUIRED	
Fiber roll length (FT)	Stakes required for each roll
25	8
20	6
12	4



**ALTERNATE FIBER ROLL JOINT DETAIL
SLOPE PROTECTION INSTALLATION**



INSTALLATION ALONG SLOPES



FIBER ROLL LAPPING DETAIL

NOTE:

1. Drive stakes at each end and at 4-foot spacing until fiber roll is secure to slope. Live stakes may be used for permanent installations. Do not crush fiber roll while staking.
2. Overlap fiber rolls 12-inch minimum. Drive stakes at 6-inches from fiber roll end angles towards the adjacent fiber roll and space stakes at 4-foot max.

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

WFLHD DETAIL

FIBER ROLL

DETAIL APPROVED FOR USE 10/2014
REVISED: 7/2016

DETAIL
W157-21

NO SCALE