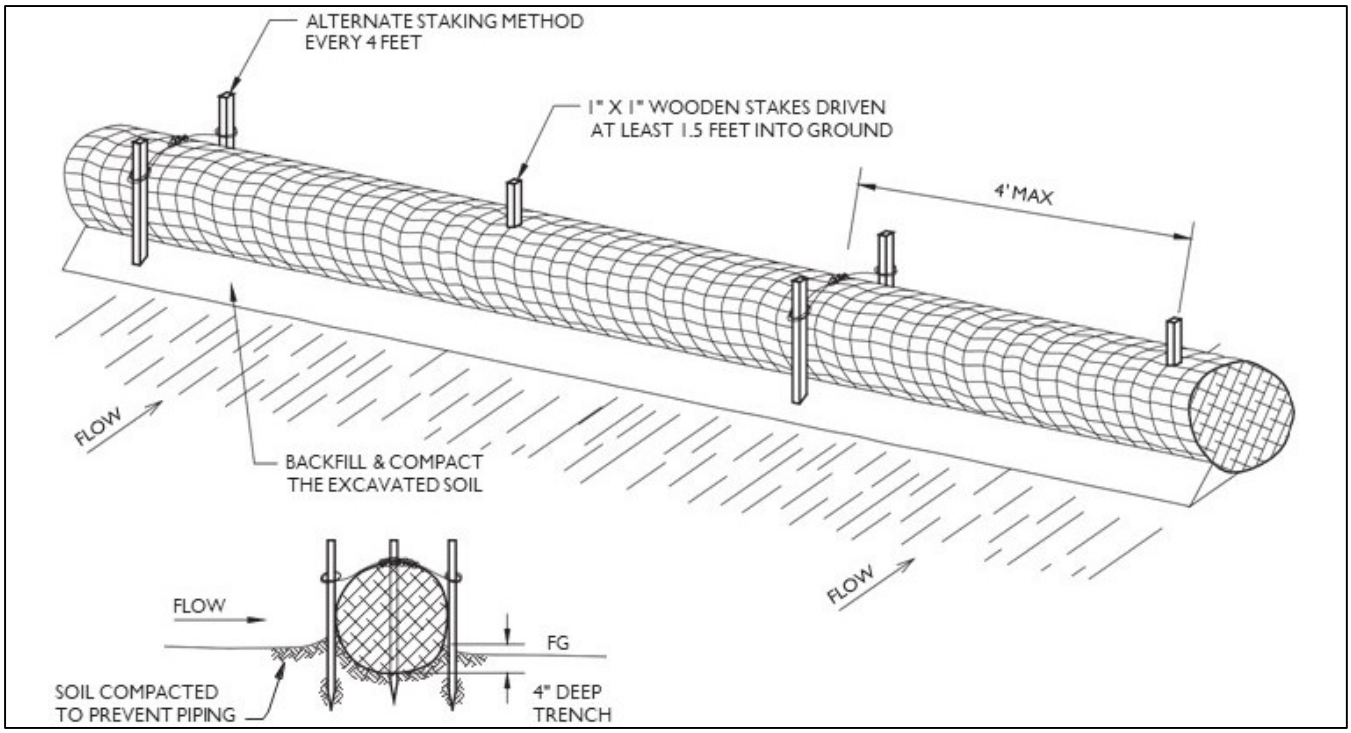
Typical Fiber Roll/Wattle Sediment Barrier



Wattle Installation:

1. Prepare smooth slope before the wattling procedure is started. Shallow gullies should be smoothed as work progresses.
2. Dig small trench across the slope on contour, to place rolls in. The trench should be deep enough to accommodate half the thickness of the roll. When the soil is loose and uncompactated, the trench should be deep enough to bury there roll 2/3 of its thickness because the ground will settle.
3. It is critical that rolls are installed perpendicular to water movement, parallel to slope contour. Start building trenches and install the rolls from the bottom of the slope and work up.
4. Lay the roll along the trenches fitting it snugly against the soil. Make sure no gaps exist between the soil and the wattle.
5. Use a straight bar to drive clean holes through the roll and into the soil. Drive the stake through prepared hole into soil. Leave only 1 or 2 inches of stake exposed above roll.
6. Install stakes at 4 feet max intervals.
7. Construct an earthen berm along the uphill side of the roll to force sheet flow into the roll and prevent water from piping into the trench.
8. When more than one roll is placed in a row, the rolls should overlap, one in front of the other, by at least 1 foot and staked securely to prevent piping.

Wattle spacing: 1,000/slope gradient or as project engineer dictates.
Example: @20% slope wattle spacing =1,000/20=***50 feet***

Napa County Resource Conservation District
www.naparcd.org / 1303 Jefferson St, Suite 500B, Napa Ca, 94559 / (707)252-4189