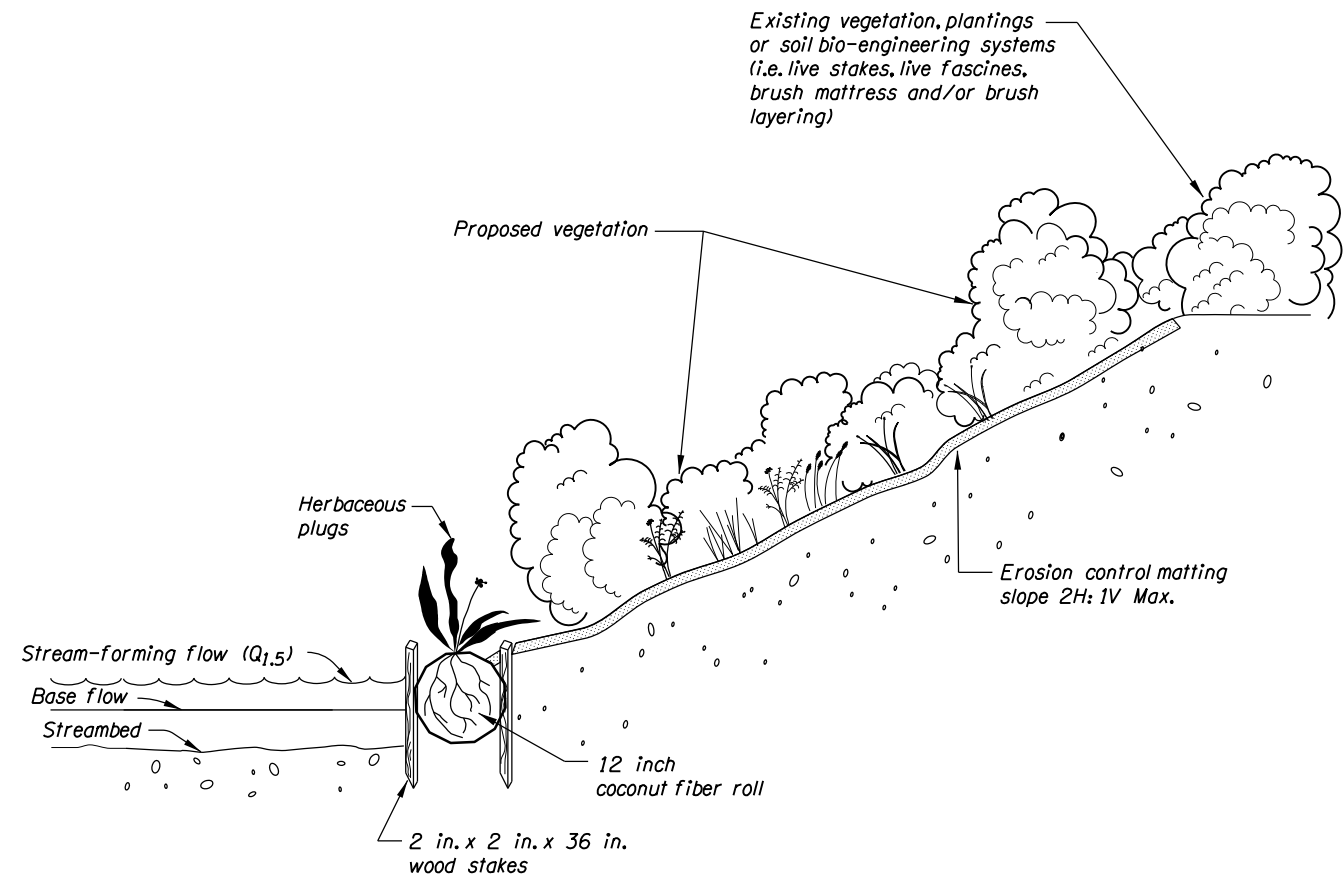


COCONUT FIBER ROLL



Cross Section
Not To Scale

NOTES:

1. Useful for shore protection of wetlands subject to minor wave action.
2. Not recommended where scour at the toe of the slope will undermine and destabilize the coconut fiber roll.
3. When used in stream channels the depth of the stream forming flow ($Q_{1.5}$) should be less than the diameter of the coconut fiber roll (typically 12 inches).
4. When used in stream channels, max. less than or equal to 3 feet per second.
5. Rooted/leafed condition of the living plant material is not representative of the time of installation.
6. Adapted from USDA, NRCS Engineering Field Handbook, chapter 16.
7. This drawing is concept only. All applications must be engineered to meet site conditions.

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.



OREGON DEPARTMENT OF TRANSPORTATION
TECHNICAL SERVICES
DETAILS

COCONUT FIBER ROLL

DETAIL NO.

DET5103