

General Installation Instructions for Blankets on Slopes

- Grade the slope to the desired level of gradient. The surface of the soil should be smooth and free of rocks, roots and other obstructions. Before placing the selected blanket, evenly apply lime, fertilizer, and suitable mix of seeds. Blanket will hold the seeds in place and support germination and seedling growth.
- Start installing the blanket from the top of the slope by anchoring the blanket in a 6 in deep and 6 in wide anchor trench. Place the blanket, backfill and compact (Fig. 1A).
- Roll the blankets down the slope (recommended) or across the slope, if necessary. Anchor the open blanket edge using one row of suitable anchors (metal staples or pine pegs) at 1.5 - 2 feet intervals. The middle of the blankets should be anchored using the suitable staple spacing according to the steepness of the slope (Table 1). Always place anchors in a staggered pattern. Be sure to lay blankets loosely on the ground allowing a good contact between the soil and blanket.
- When blanket splicing is necessary, overlap blankets at least 8 inches. The up slope blanket should be on the top. Use two rows of staples with a staggered pattern to anchor blanket joints (Fig. 1B). Overlap sides of blankets at least 6 in and use anchors along the overlap at 12 in spacing (Fig. 1C).
- At the bottom of the slope, blanket edge should be anchored to the ground properly with a 6 in deep and 6 in wide anchor trench at the toe of the slope.
- Use metal staples of gauge 11 to anchor blankets. Recommend using 6 in (minimum) long staples for temporary blanket types and 8 in (minimum) long staples for semi-permanent and permanent mats. If wooden pegs are used, the minimum length should be 12 inches. Anchors should be long enough to provide a strong bond between the blanket and the ground. Required anchor length may vary depending on the soil condition. Sandy soils may require longer anchors.
- Select a suitable blanket from the given blanket selection guide.
- This procedure should be altered to site specific conditions at the discretion of the site engineer / design architect.

Table 1: Recommended Staple Spacing

Slope	L	D
>1:1	3 ft.	2 ft.
2:1	4 ft.	2 ft.
3:1	6 ft.	3 ft.
4:1	8 ft.	3 ft.

Blanket selection guide

Slopes > 1:1

BioD-Mat 90

BioD-Mat 70

Slopes 2:1 -1:1

BioD-Mat 60

BioD-Mat 40

Slopes 3:1 -2:1

BioD-OCF

BioD-StrawCoco

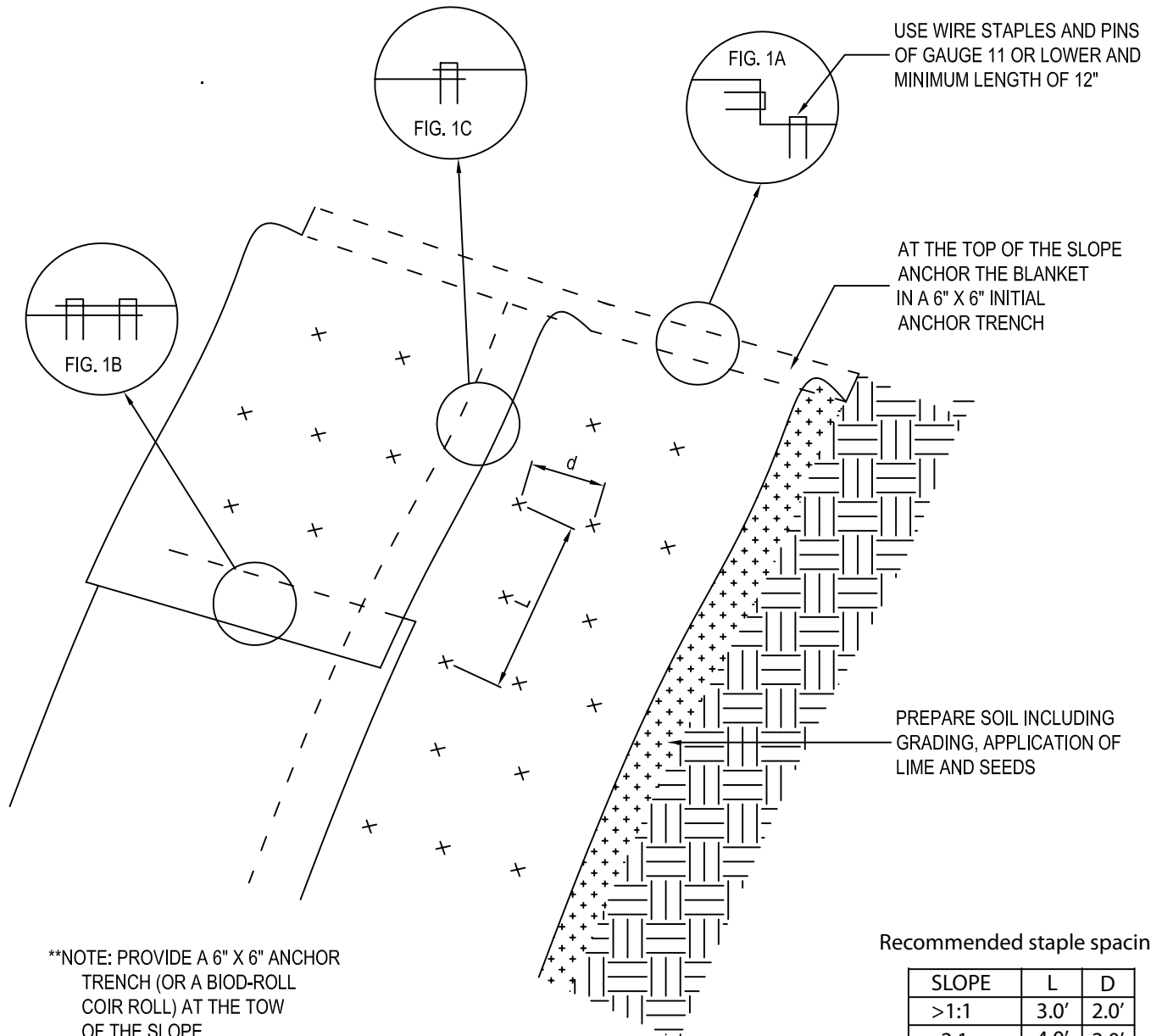
Slopes < 3:1

BioD-Straw

JuteMat



Do it right the first time! Save money, time and our environment.

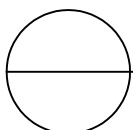


Recommended staple spacing

SLOPE	L	D
>1:1	3.0'	2.0'
2:1	4.0'	2.0'
3:1	6.0'	3.0'
4:1	8.0'	3.0'

NOTES:

- DO NOT SCALE DRAWING



INSTALLATION OF TRM AND BLANKET FOR SLOPES