



Blanket Installation Guidelines

Slope Installation - Excel R-1 & Excel S-2

Step 1 – Site Preparation — Prepare site to design profile and grade. Remove debris, rocks, clods, etc.. Ground surface should be smooth prior to installation to ensure blanket remains in contact with slope.

Step 2 – Seeding — Seeding of site should be conducted to design requirements or to follow local or state seeding requirements as necessary.

Step 3 – Staple Selection — At a minimum, 6" long by 1" crown, 11 gauge staples are to be used to secure the blanket to the ground surface. Installation in rocky, sandy or other loose soil may require longer staples.

Step 4 – Excavate Anchor Trench & Secure Blanket — Excavate a trench along the top of the slope to secure the upstream end of the blanket. The trench should run along the length of the installation, be 6" wide and 6" deep. Staple blanket along bottom of trench, fill with compacted soil, overlap blanket towards toe of slope and secure with row of staples (Shown in figure A, E, and F).

Step 5 – Secure Body of Blanket — Roll blanket down slope from anchor trench. Staple body of blanket following the pattern shown in Figure D. Leave end of blanket unstapled to allow for overlap shown in Figure B. Place downstream blanket underneath upstream blanket to form shingle pattern. Staple seam as shown in Figure E. Secure downstream blanket with stapling pattern shown in Figure D. Stapling pattern shown in Figure D reflects minimum staples to be used. More staples may be required to ensure blanket is sufficiently secured to resist mowers and foot traffic and to ensure blanket is in contact with soil surface over the entire area of the blanket. Further, critical points require additional staples. Critical points are defined in Figure G.

Step 6 – Continue Along Slope / Complete Installation — Overlap adjacent blankets as shown in Figure C and repeat Step 5. Secure toe of slope using stapling pattern shown in Figure E. Secure edges of installation by stapling at 1.0' intervals along terminal edge.

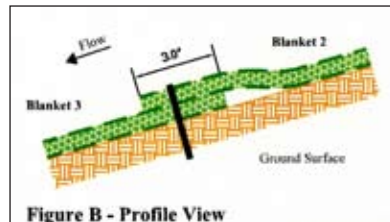
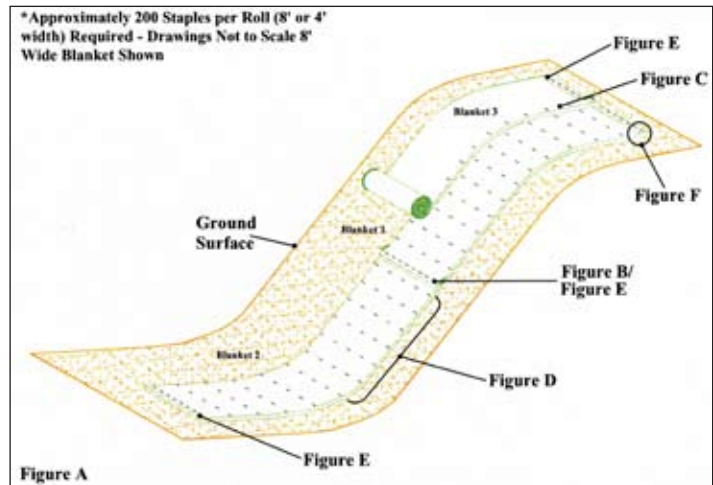


Figure B - Profile View

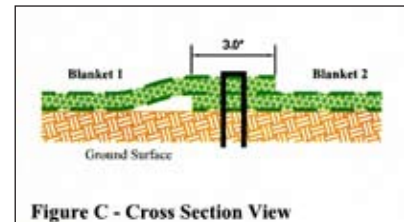


Figure C - Cross Section View

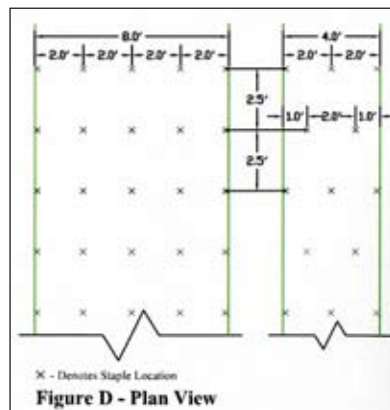


Figure D - Plan View

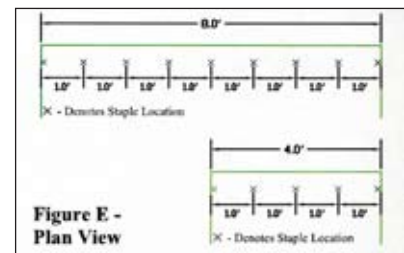


Figure E - Plan View

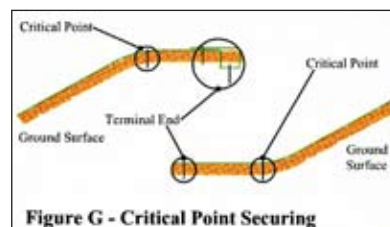


Figure G - Critical Point Securing

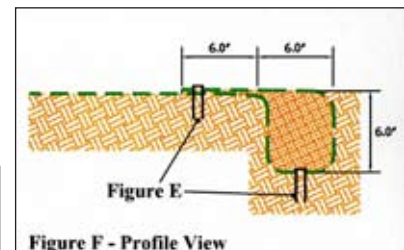


Figure F - Profile View

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IVI-EC-3797-0507



Blanket Installation Guidelines

Channel Installation - Excel R-1 & Excel S-2

Step 1 – Site Preparation — Prepare site to design profile and grade. Remove debris, rocks, clods, etc.. Ground surface should be smooth prior to installation to ensure blanket remains in contact with slope.

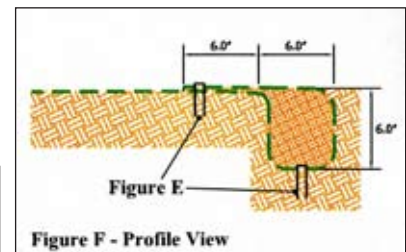
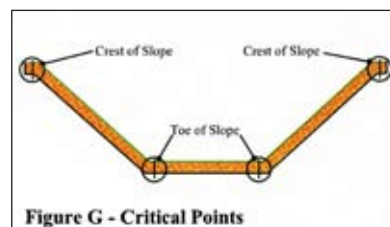
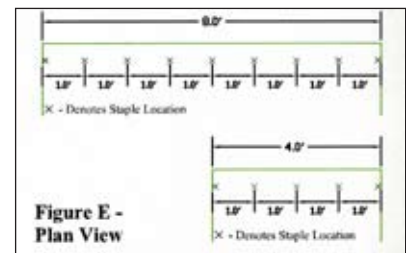
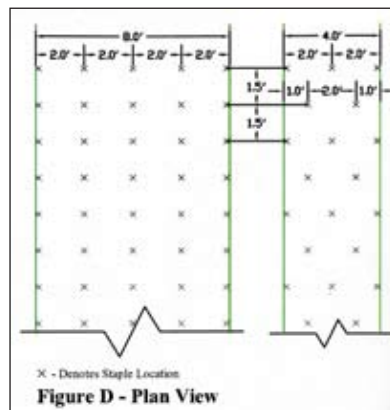
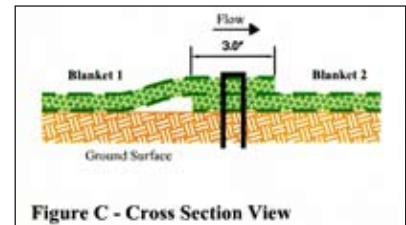
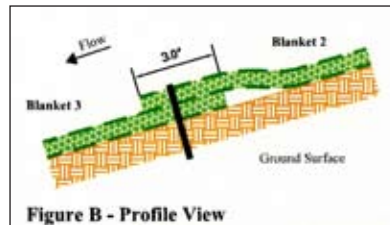
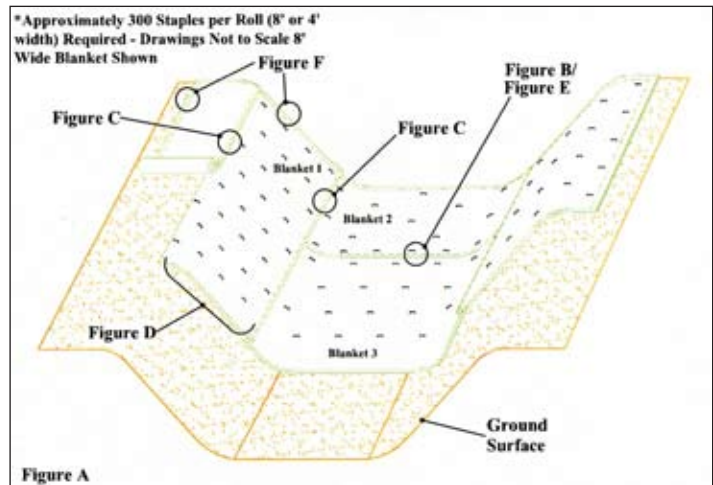
Step 2 – Seeding — Seeding of site should be conducted to design requirements or to follow local or state seeding requirements as necessary.

Step 3 – Staple Selection — At a minimum, 6" long by 1" crown, 11 gauge staples are to be used to secure the blanket to the ground surface. Installation in rocky, sandy or other loose soil may require longer staples.

Step 4 – Excavate Anchor Trench & Secure Blanket — Excavate a trench along the top of the channel side slopes and the upstream terminal end of the blanket to secure the edges of the blanket. The trench should run along the length and width of the installation, be 6" wide and 6" deep. Staple blanket along bottom of trench, fill with compacted soil, overlap blanket towards toe of slope and secure with row of staples (Shown in figure A, E, and F).

Step 5 – Secure Body of Blanket — Roll blanket down slope from anchor trench. Staple body of blanket following the pattern shown in Figure D. Leave end of blanket unstapled to allow for overlap shown in Figure B. Place downstream blanket underneath upstream blanket to form shingle pattern. Staple seam as shown in Figure E. Secure downstream blanket with stapling pattern shown in Figure D. Stapling pattern shown in Figure D reflects minimum staples to be used. More staples may be required to ensure blanket is sufficiently secured to resist mowers and foot traffic and to ensure blanket is in contact with soil surface over the entire area of the blanket. Further, critical points require additional staples. Critical points are defined in Figure G.

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