



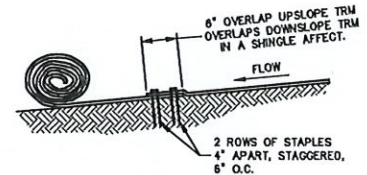
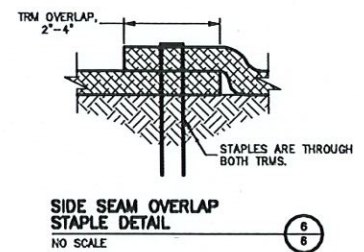
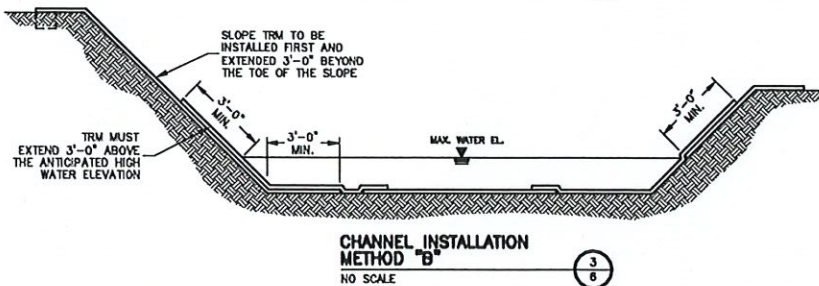
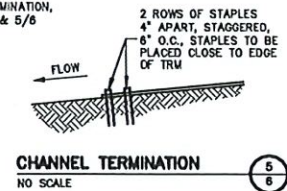
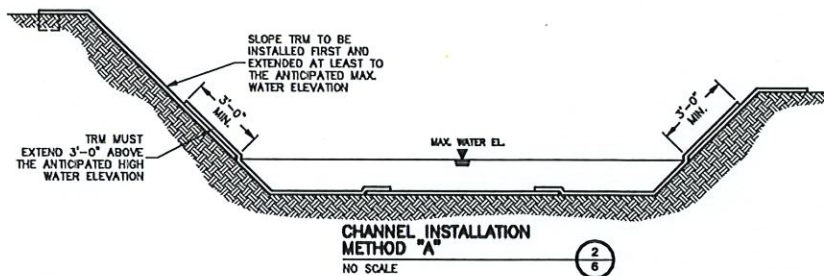
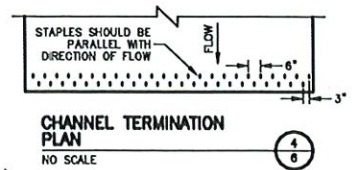
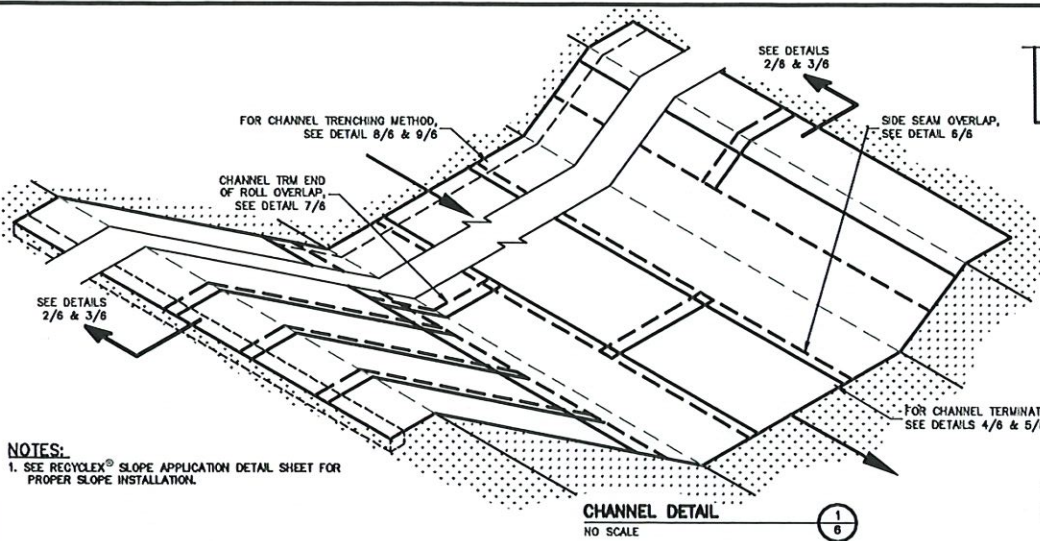
RECYCLEX® TRM PERMANENT TURF REINFORCEMENT MAT INSTALLATION GUIDELINES

Recyclex TRM may be installed by two different methods – “stand alone” or “soil filled”. Before installing Recyclex using the “stand alone” method, the seedbed shall be inspected by the Owner’s Representative to ensure it has been properly compacted and fine graded to remove any existing rills. It shall be free of obstructions, such as tree roots, projections such as stones, and other foreign objects. The contractor shall proceed when satisfactory conditions are present. After the area has been properly shaped, seeded, fertilized, and compacted, Recyclex shall be removed from the protective cover. Next, locate the start of the roll, making sure the roll is facing toward the area to be covered, and then roll out the TRM. The TRM shall be rolled out flat, even, and smooth without stretching the material then anchored to the subgrade. When using the “soil filled” method, the installation of Recyclex shall begin after the area has been inspected by the Owner’s Representative and satisfactory conditions are present. After the area has been shaped and compacted, roll out Recyclex. Next, Recyclex shall be anchored to the subgrade, soil filled, seeded, and fertilized. It is recommended that the soil filled Recyclex be covered with a Curlex® erosion control blanket to protect the seedbed and enhance germination.

Slopes: It is recommended the TRM be installed vertically on the slope; however, on short slopes it may be more practical to install horizontally across the width of the application when agreed upon by the Engineer prior to installation. If more than one width is required, overlap the edges of the vertically installed TRMs and secure the TRMs with a common row of staples. Recyclex shall be trenched at the head of the slope if the blanket cannot be extended three feet over the slope crest or if overland flow is anticipated from upslope areas.

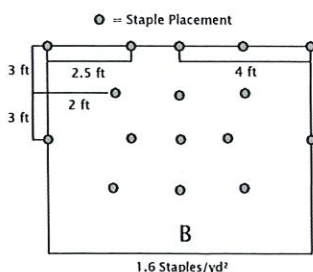
Channels: Recyclex shall be centered to offset a seam in the middle of the waterway. They shall be installed in the same direction as the water flow. The adjoining TRMs shall be installed away from the center of channel and overlapped. Recyclex installation should continue up the side slopes three feet above the anticipated high water elevation. Flanks exposed to runoff, or sheet flow, must be trenched in. Recyclex shall be trenched at the start of channels. Recyclex shall be anchored using a staggered staple pattern at end of roll overlaps and end of roll terminations.

Disclaimer: Recyclex TRM is a system for erosion control and revegetation on slopes and channels. American Excelsior Company (AEC) believes that the information contained herein to be reliable and accurate for use in erosion control and revegetation applications. However, since physical conditions vary from job site to job site and even within a given job site, AEC makes no performance guarantees and assumes no obligation or liability for the reliability or accuracy of information contained herein for the results, safety, or suitability of using Recyclex TRM, or for damages occurring in connection with the installation of any erosion control product whether or not made by AEC or its affiliates, except as separately and specifically made in writing. These guidelines are subject to change without notice.



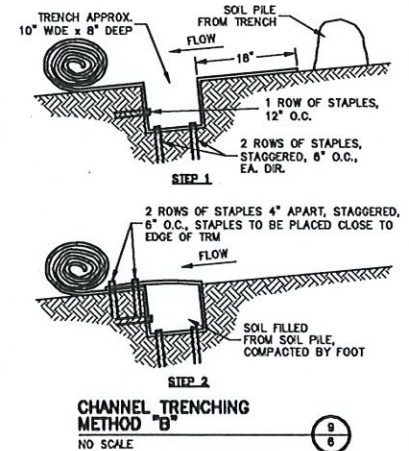
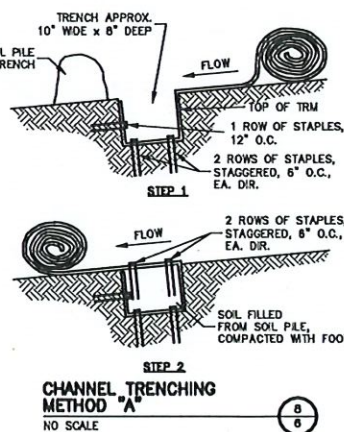
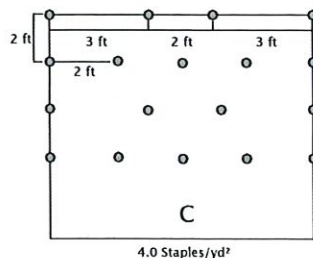
Recyclex® TRM Staple Pattern Guide

Application	Channel
≤ 2.3 lb/ft² (110 Pa) Shear Stress ≤ 10.0 ft/sec (3.0 m/sec) Velocity	≤ 10.0+ lb/ft² (480+ Pa) Shear Stress ≤ 17.0+ ft/sec (5.2+ m/sec) Velocity
Staple Pattern	B C



- Notes:
1. For cohesive soil use a 6 in wire staple and for non-cohesive soil use an 8 in wire staple.
 2. For best results insert staples so heads are parallel to the flow of water.
 3. Adjust staple pattern so staples are placed in critical channel points (e.g. slope interface, channel bottom) as illustrated below:

Critical channel points are circled.



AMERICAN EXCELSIOR COMPANY
ARLINGTON, TEXAS

SHEET DESCRIPTION
RECYCLEX® TRM CHANNEL
APPLICATION DETAIL

DATE 03/01/18
SCALE NONE

DRAWN BY
PROJECT NO.
SHEET NO. 6

American
Excelsior
Company®
Earth Science Division