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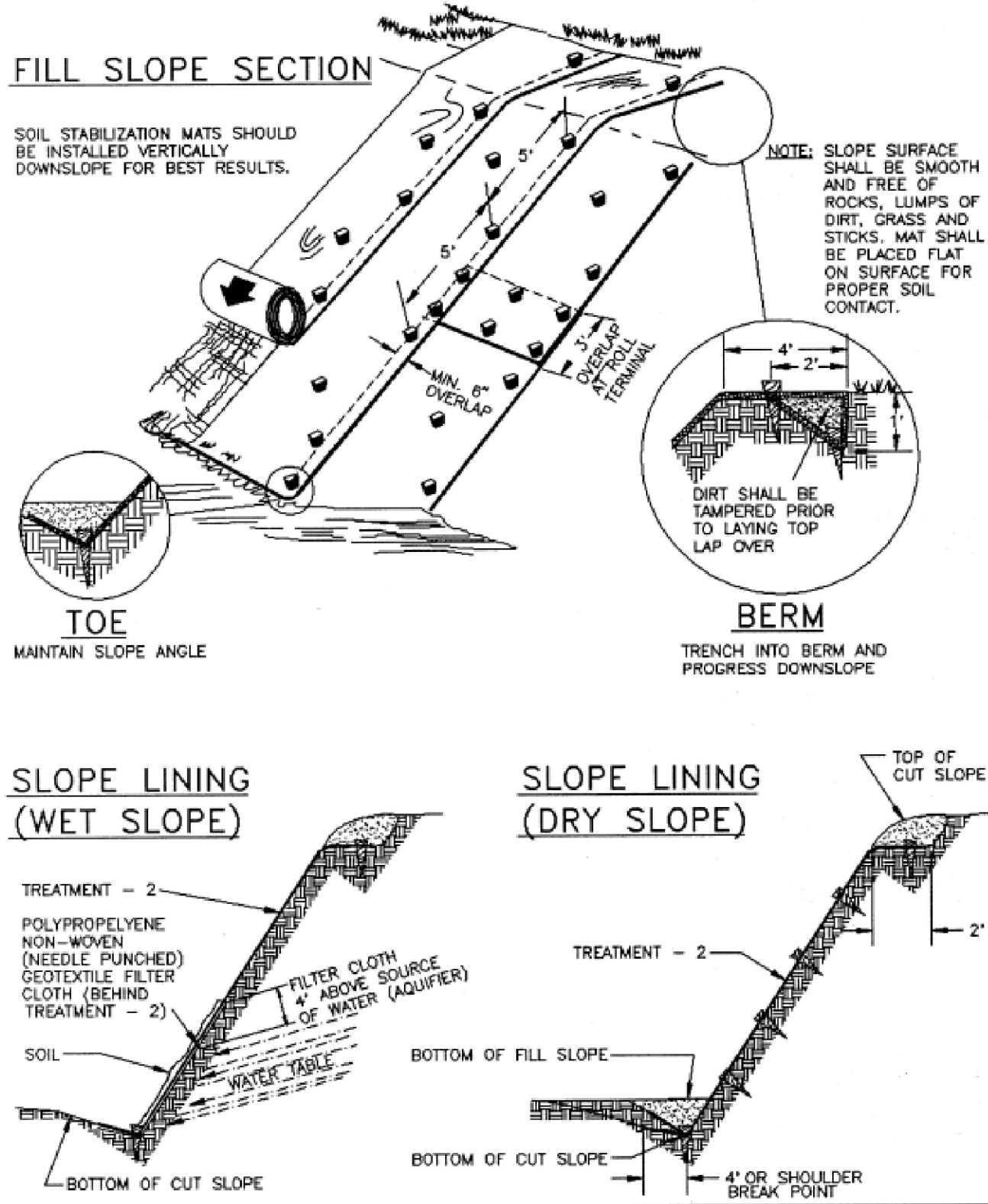
APPROVAL BLOCK

Wayne O. Nelson, P.E., Engineering Director Date

APPROVAL BLOCK

Andrew Warren, Planning Director Date

TYPICAL TREATMENT - 2
SOIL STABILIZATION MATTING
SLOPE INSTALLATION

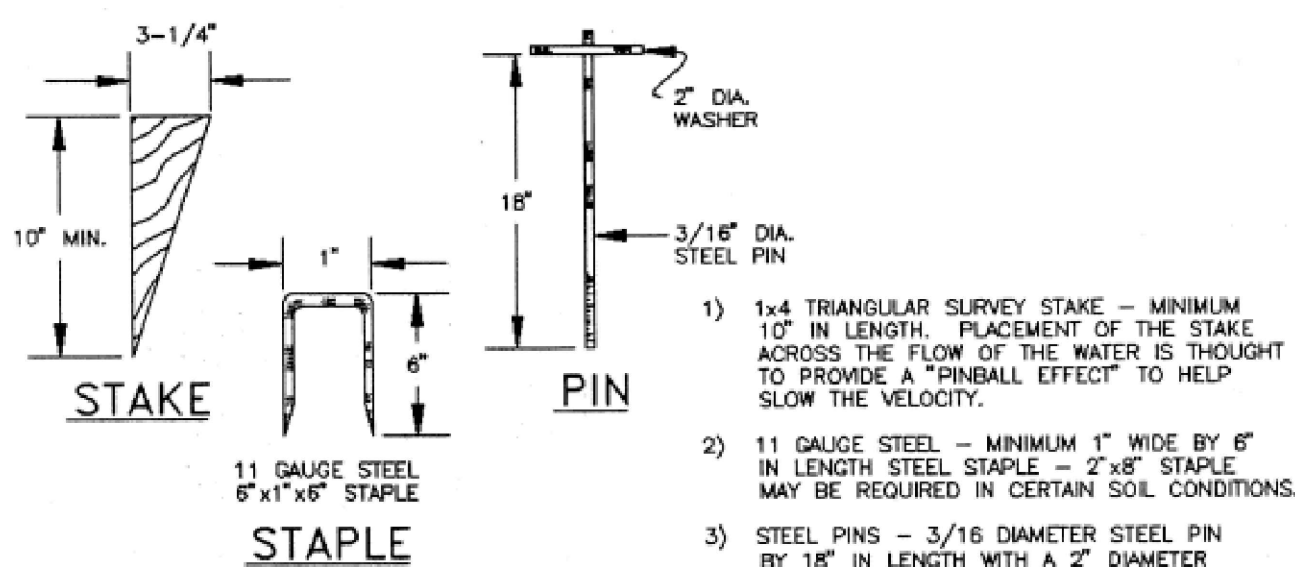


Source: VDOT Road and Bridge Standards

Plate 3.36-5

3.36A - SOIL STABILIZATION BLANKETS & MATTING TREATMENT - 2
NOT TO SCALE

STAKES, STAPLES, & PINS
FOR
INSTALLATION OF
TREATMENT - 2
SOIL STABILIZATION MATTING

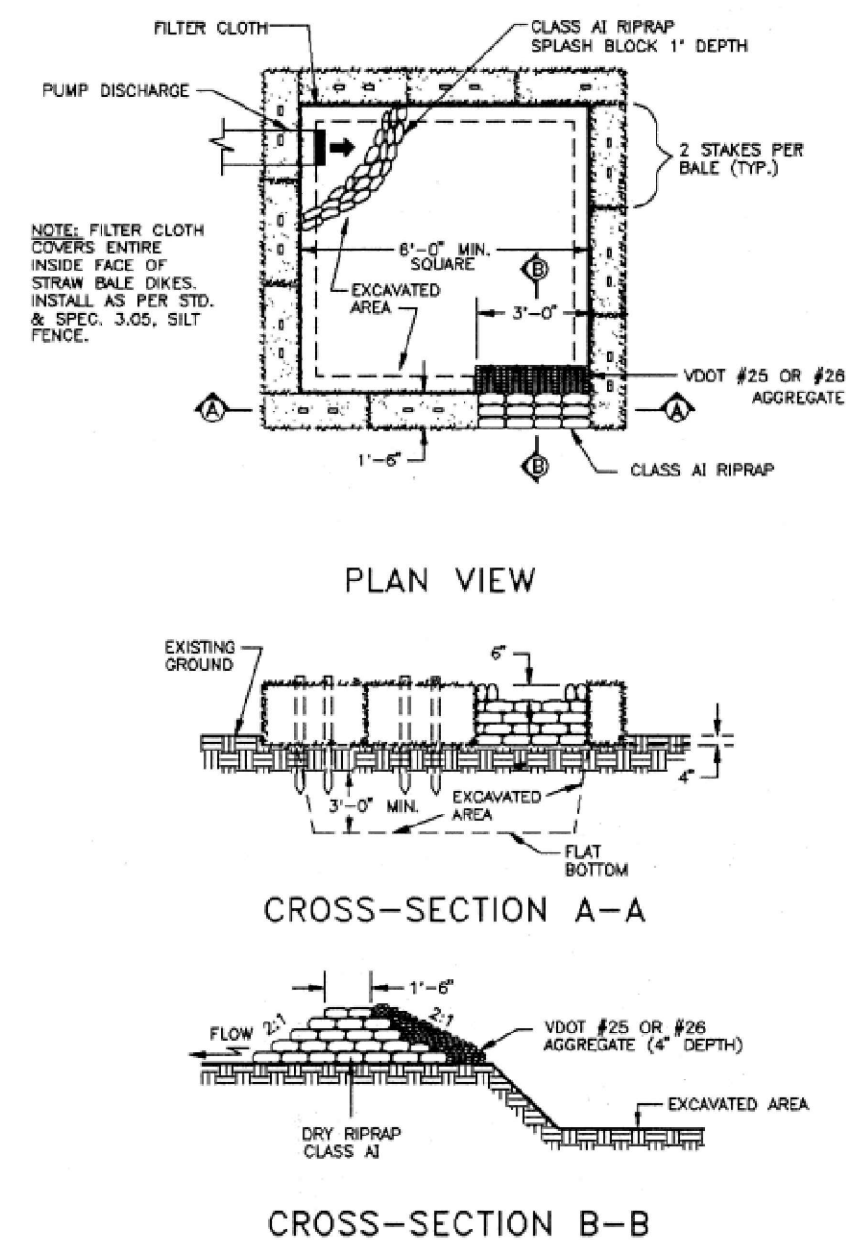


Source: Product literature from Greenstreak, Inc.

Plate 3.36-3

3.36B - SOIL STABILIZATION BLANKETS & MATTING TREATMENT - 2
NOT TO SCALE

STRAW BALE/SILT FENCE PIT



Source: Va. DSWC

Plate 3.26-3

3.26B - DEWATERING STRUCTURE
NOT TO SCALE

3.26A - DEWATERING STRUCTURE
NOT TO SCALE

Source: Va. DSWC

Plate 3.26-2

Source: Va. DSWC

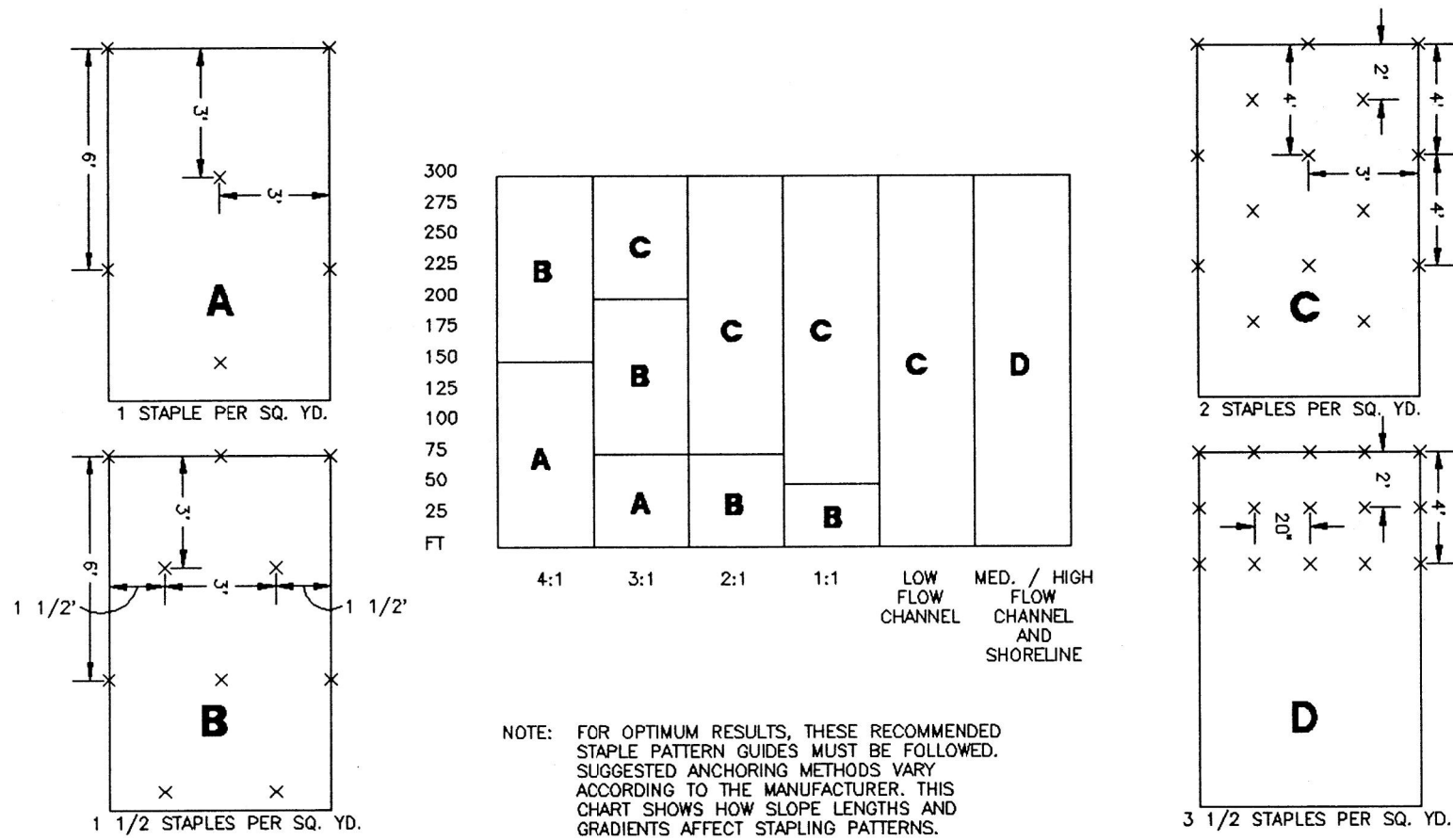
Specifications

Temporary Access Roads and Parking Areas

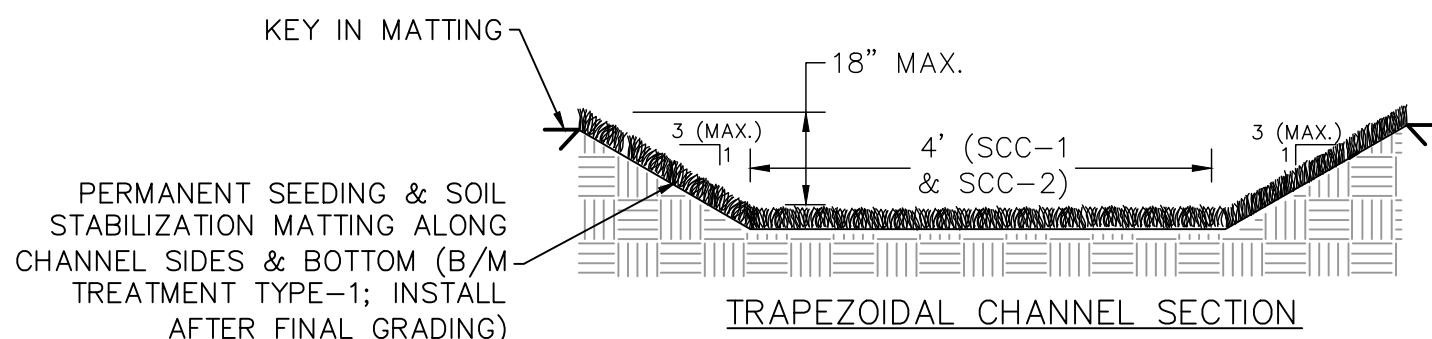
- Temporary roads shall follow the contour of the natural terrain to the extent possible. Slopes should not exceed 10 percent.
- Temporary parking areas should be located on naturally flat areas to minimize grading. Grades should be sufficient to provide drainage but should not exceed 4 percent.
- Roadbeds shall be at least 14 feet wide for one-way traffic and 20 feet wide for two-way traffic.
- All cuts and fills shall be 2:1 or flatter to the extent possible.
- Drainage ditches shall be provided as needed and shall be designed and constructed in accordance with STORMWATER CONVEYANCE CHANNEL, Std. & Spec. 3.17.
- The roadbed or parking surface shall be cleared of all vegetation, roots and other objectionable material.
- A 6-inch course of VDOT #1 Coarse Aggregate shall be applied immediately after grading or the completion of utility installation within the right-of-way. Filter fabric may be applied to the roadbed for additional stability. Design specifications for filter fabric can be found within Std. & Spec. 3.02. TEMPORARY STONE CONSTRUCTION ENTRANCE. In "heavy duty" traffic situations (see Table 3.02-A), stone should be placed at an 8- to 10-inch depth to avoid excessive dissipation or maintenance needs.

3.03 - CONSTRUCTION ROAD STABILIZATION
NO SCALE

GENERAL STAPLE PATTERN GUIDE
AND RECOMMENDATIONS
FOR TREATMENT - 2
(SOIL STABILIZATION MATTING)



3.36C - SOIL STABILIZATION BLANKETS & MATTING TREATMENT - 2
NOT TO SCALE



- MAINTENANCE NOTES (SPRING, ANNUALLY):
- ADD REINFORCEMENT PLANTING TO MAINTAIN 90% TURF COVER. RESEED ANY KILLED VEGETATION.
 - EXAMINE CHANNEL BOTTOM FOR EVIDENCE OF EROSION, BRAIDING, EXCESSIVE PONDING, OR DEAD GRASS.
 - CHECK INFLOW POINTS FOR CLOGGING AND REMOVE ANY SEDIMENT.
 - INSPECT SIDE SLOPES FOR EVIDENCE OF ANY RILL OR GULLY EROSION AND REPAIR.
 - LOOK FOR ANY BARE SOIL OR SEDIMENT SOURCES IN THE CONTRIBUTING DRAINAGE AREA AND STABILIZE IMMEDIATELY.

3.17 - STORMWATER CONVEYANCE CHANNEL (GRASS)
NO SCALE

Draper Aden Associates

Engineering • Surveying • Environmental Services

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E&S DETAILS

VIRGINIA FURNITURE MARKET

201 FARMVIEW ROAD N.W.
TOWN OF CHRISTIANSBURG, MONTGOMERY COUNTY, VA

REVISIONS

01/30/2018
REV 1 - PH. 1 E&S SEQUENCE
07/02/2018
REV 2 - ADDITIONAL PARKING
07/25/2018
REV 2 - ADDITIONAL PARKING

DESIGNED BY:

KWW

DRAWN BY:

DEP

CHECKED BY:

CBK

SCALE:

N/A

DATE:

July 25, 2018

PROJECT NUMBER:

B16739B-02

C1.2