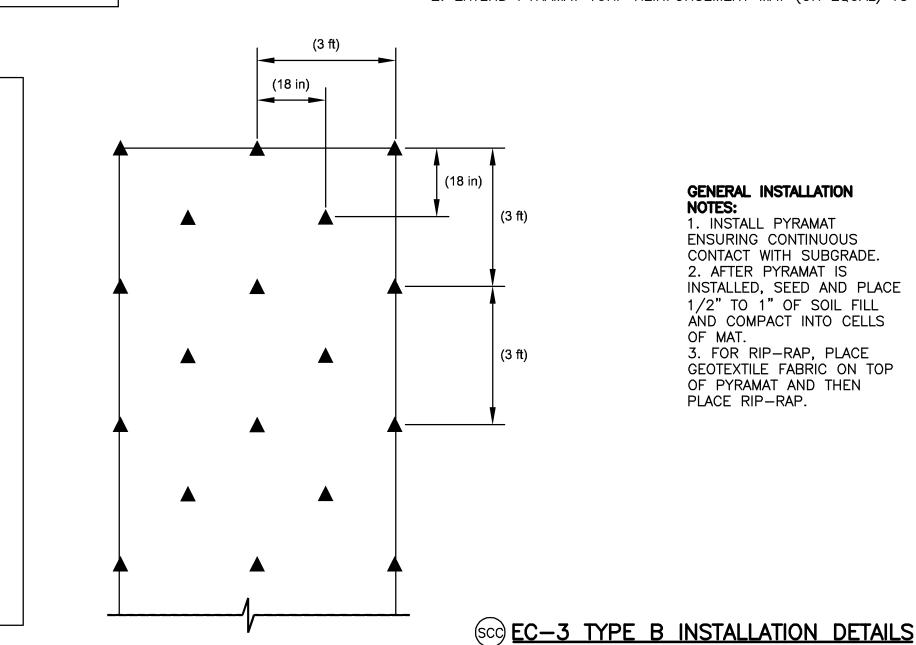


SEDIMENT BASIN 3



1. INSTALL PYRAMAT 1. ANCHOR PATTERN (2 1/2 ENSURING CONTINUOUS ANCHORS / SY) CONTACT WITH SUBGRADE. 2. U - SHAPED WIRE STAPLES. 2. AFTER PYRAMAT IS METAL GEOTEXTILE PINS, INSTALLED, SEED AND PLACE TRIANGULAR WOODEN OR PLASTIC 1/2" TO 1" OF SOIL FILL STAKES CAN BE USED TO ANCHOR AND COMPACT INTO CELLS TRMs TO THE GROUND SURFACE 3. FOR RIP-RAP. PLACE GEOTEXTILE FABRIC ON TOP OF PYRAMAT AND THEN PLACE RIP-RAP.

KEYPLAN

WATER FLOW

1. SECURE AT (1 ft) INTERVALS, BACKFILL AND COMPACT SOIL

(12 in) —

(2 - 3 ft)

1. SECURE AT (1 ft) INTERVALS, BACKFILL AND COMPACT SOIL

WATER FLOW

1. SECURE AT (1 ft) INTERVALS, BACKFILL AND COMPACT SOIL

TURF REINFORCEMENT MAT (OR EQUAL)

PYRAMAT®

(EC-3 TYPE B SHALL BE PYRAMAT OR APPROVED EQUAL)

1. PLACE (2 1/2 ANCHORS / SY) FOR CHANNELS

WATER FLOW

CONCEPTS, INC 20 South Roanoke St. Fincastle, Virginia 24090 540.473.1253 540.473.1254(Fax) email@engineeringconcepts.com

ECI PROJECT #02019

ENGINEERIN

GENERAL NOTES

ROBERT H. WAMPLER,

PROJECT TITLE



SFCS Inc. • 305 South Jefferson Street Roanoke, Virginia 24011.2003 540.344.6664 Fax 540.343.6925

www.sfcs.com

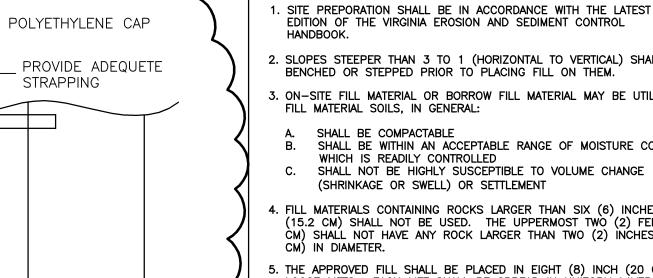
PROJECT DESIGNER : SFCS PROJECT ARCHITECT : SFCS PROJECT ENGINEER : ECI DRAWN BY : ECI : ECI CHECKED BY APPROVED BY : ECI REVISION DESCRIPTION

E&S REVISIONS

EROSION & SEDIMENT CONTROL NOTES AND DETAILS 2

9/15/03

COMM. NO. 97115.00 11/12/03 SHEET C36



PERFORATED

DEWATERING ORIFICE,

SCHEDULE 40 STEEL

STUB

4" DIAMETER.

"FERNCO-STYLE" COUPLING

RISER —

DEWATERING DEVICE DETAIL

POLYETHYLENE -

DRAINAGE TUBING,

DIAMETER = 6"

2. SLOPES STEEPER THAN 3 TO 1 (HORIZONTAL TO VERTICAL) SHALL BE BENCHED OR STEPPED PRIOR TO PLACING FILL ON THEM. . ON-SITE FILL MATERIAL OR BORROW FILL MATERIAL MAY BE UTILIZED. FILL MATERIAL SOILS, IN GENERAL: SHALL BE COMPACTABLE SHALL BE WITHIN AN ACCEPTABLE RANGE OF MOISTURE CONTENT WHICH IS READILY CONTROLLED

CONSTRUCTION NOTES

TOPSOIL AND SEEDED.

SHALL NOT BE HIGHLY SUSCEPTIBLE TO VOLUME CHANGE (SHRINKAGE OR SWELL) OR SETTLEMENT 4. FILL MATERIALS CONTAINING ROCKS LARGER THAN SIX (6) INCHES (15.2 CM) SHALL NOT BE USED. THE UPPERMOST TWO (2) FEET (61 CM) SHALL NOT HAVE ANY ROCK LARGER THAN TWO (2) INCHES (5.1 CM) IN DIAMETER.

5. THE APPROVED FILL SHALL BE PLACED IN EIGHT (8) INCH (20 CM) LOOSE LIFTS. EACH LIFT SHALL BE SPREAD IN UNIFORM LAYERS. FILL SOIL SHALL BE UTILIZED ONLY WITHIN A MOISTURE RANGE OF +/- 5% OF THE OPTIMUM MOISTURE CONTENT. COMPACTION OF THE FILL SHALL BE PERFORMED WITH APPROVED EQUIPMENT. COMPACTION OF THE LAYERS SHALL BE CONTINUOUS AND UNIFORM. 6. EMBANKMENT MATERIAL IN FILL AREAS SHALL BE PLACED IN LIFTS NOT

EXCEEDING EIGHT (8) INCHES AND SHALL BE COMPACTED TO A MINIMUM 95% DENSITY IN ACCORDANCE WITH ASTM D698. 7. ALL DISTURBED AREAS SHALL BE COVERED WITH FOUR (4) INCHES OF

CADD VERSION ACADR-14 PLOT SCALE

PLOT DATE

COMM NO.

DRAWING NO.

2. EXTEND PYRAMAT TURF REINFORCEMENT MAT (OR EQUAL) TO TOP OF DITCH