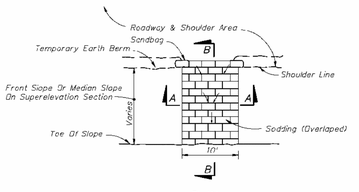
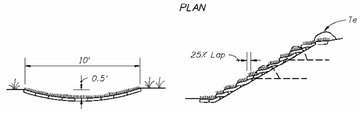
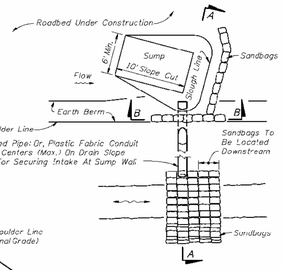


PLAN



SECTION AA SECTION BB

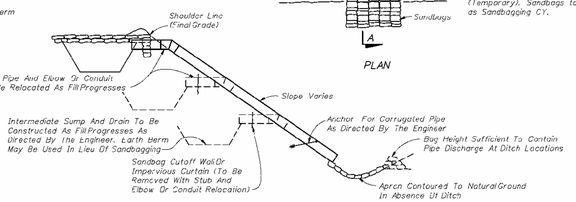
SOD FLUME (SODDING OVERLAPPED)



PLAN

Note:
Slope drain pipe to be paid for as Slope Drains (Temporary) Lf., based on linear feet of pipe or conduit installed. Payment to be made for one installation per site, including one stub and elbow or one intake flume or flashing. Sump construction and maintenance and curbing to be included in cost for Slope Drains (Temporary). Sandbags to be paid for as Sandbagging CY.

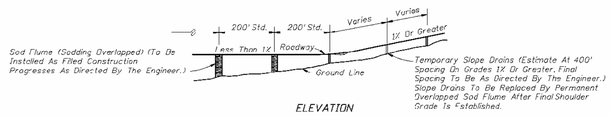
15" Metal Or Plastic Corrugated Pipe Or, Plastic Fabric Conduit With Adaptors For Staking 8' Centers (Max.) On Drain Slope And With Flume Or Flashing For Securing Intake At Sump Wall



SECTION AA

SECTION BB

TEMPORARY SLOPE DRAIN



ELEVATION

SLOPE DRAIN APPLICATION

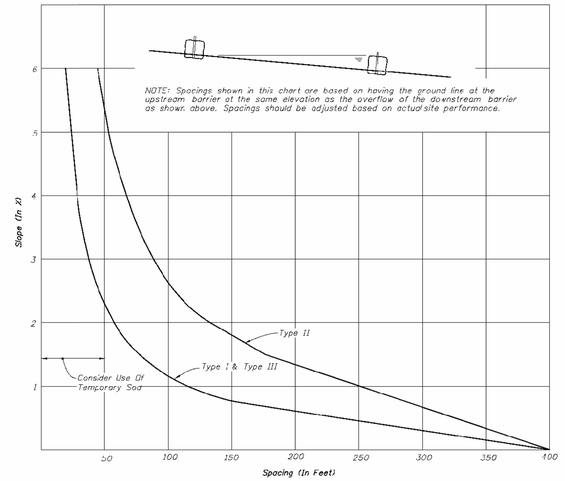
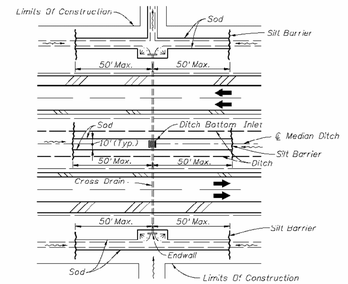
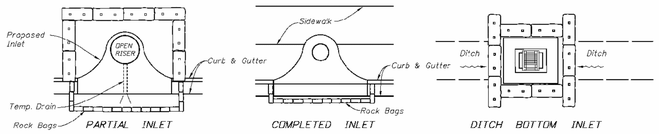


CHART I

RECOMMENDED SPACING FOR SYNTHETIC BALES OR BALE TYPE BARRIERS AND TYPE III SILT FENCE

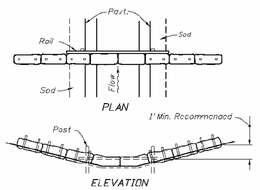


DITCH INSTALLATIONS AT DRAINAGE STRUCTURES



PARTIAL INLET COMPLETED INLET DITCH BOTTOM INLET

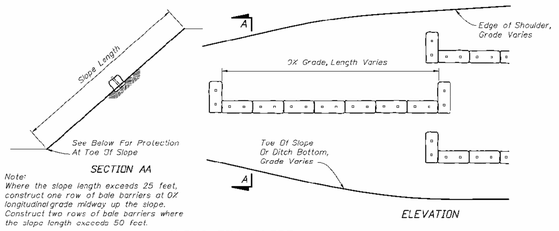
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES



PLAN

ELEVATION

SYNTHETIC BALES OR BALE TYPE BARRIERS FOR PAVED DITCHES

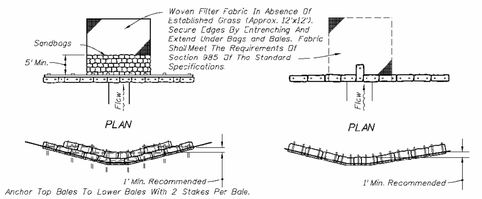


SECTION AA

Note:
Where the slope length exceeds 25 feet, construct one row of bale barriers at 0% longitudinal grade midway up the slope. Construct two rows of bale barriers where the slope length exceeds 50 feet.

ELEVATION

ALONG FILL SLOPE



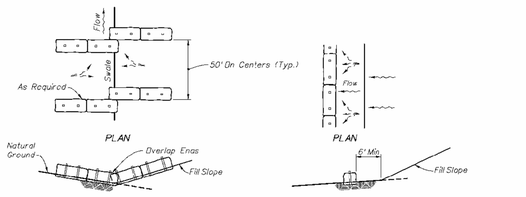
PLAN

ELEVATION TYPE II

PLAN

ELEVATION TYPE I

SYNTHETIC BALES OR BALE TYPE BARRIERS FOR UNPAVED DITCHES



PLAN

ELEVATION

TO BE USED WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

PLAN

ELEVATION

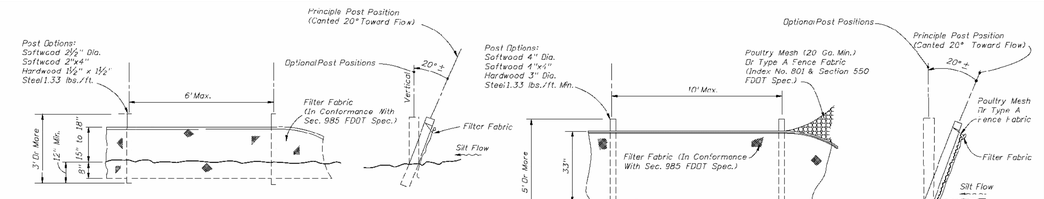
TO BE USED WHERE THE NATURAL GROUND SLOPES AWAY FROM THE TOE OF SLOPE

AT TOE OF SLOPE

BARRIERS FOR FILL SLOPES

NOTES FOR SYNTHETIC BALES OR BALE TYPE BARRIERS

1. Type I and II Synthetic Barrier should be spaced in accordance with Chart 1, Sheet 1.
2. Bales shall be trenched 3" to 4" and anchored with 2-1" x 2" (or 1" dia.) x 4' wood stakes. Stakes of other material or shape providing equivalent strength may be used if approved by the Engineer. Stakes other than wood shall be removed upon completion of the project.
3. Rails and posts shall be 2" x 4" wood. Other materials providing equivalent strength may be used if approved by the Engineer.
4. Adjacent bales shall be butted firmly together.
5. Where used in conjunction with silt fence, bales shall be placed on the upstream side of the fence.
6. Bales to be paid for under the contract unit price for Synthetic Bales, LF. The unit price shall include the cost of filter fabric for Type I and II Barriers. Sandbags shall be paid for under the unit price for Sandbagging, CY. Rock bags to be paid for under the contract unit price for Rock Bags, CA.

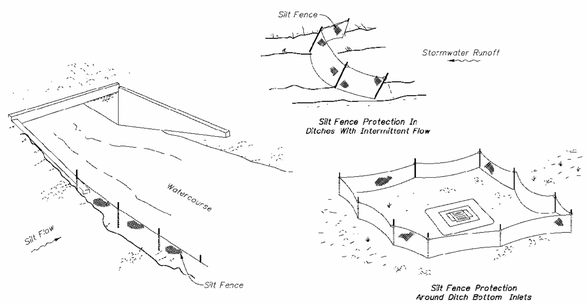


ELEVATION SECTION

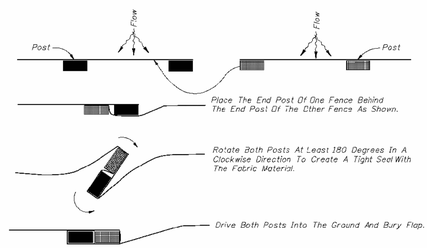
TYPE III SILT FENCE

ELEVATION SECTION

TYPE IV SILT FENCE



SILT FENCE APPLICATIONS



PLAN VIEW

JOINING TWO SILT FENCES

NOTES FOR SILT FENCES

1. Type III Silt Fence to be used at most locations. Where used in ditches, the spacing for Type III Silt fence shall be in accordance with Chart 1, Sheet 1.
2. Type IV Silt Fence to be used where large sediment loads are anticipated. Suggested use is where fill slope is 1:2 or steeper and length of slope exceeds 25 feet. Avoid use where the detained water may back into travelanes or off the right of way.
3. Do not construct silt fences across permanent flowing watercourses. Silt fences are to be at upland locations and turbidity barriers used at permanent bodies of water.
4. Where used as slope protection, Silt Fence is to be constructed on 0% longitudinal grade to avoid channelizing runoff along the length of the fence.
5. Silt Fence to be paid for under the contract unit price for Staked Silt Fence, (LF).

NOTE:
INFORMATION ON THIS SHEET IS FROM FDOT REFERENCE DOCUMENTATION FOR USE ON PROJECTS WITHIN FDOT RIGHT-OF-WAY.

Date:

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REVISIONS	DATE

DESIGNED BY: LSA/TGW | NO.
DRAWN BY: ABE
DATE 10/17/08

PROJECT MANAGER: LAURA S. ANDREWS, PE
FILE NAME: LBK WTR C-701.DWG
ACCOUNT:

UPSIZE POTABLE WATER TRANSMISSION MAIN

TOWN OF LONGBOAT KEY, SARASOTA COUNTY, FLORIDA

FDOT DETAILS 100 & 102
PG 1-3

DRWG. NO: C-701

SHT. 48 OF 55

DRAWING SIZE 24" x 36" - USE GRAPHIC SCALE OTHERWISE.