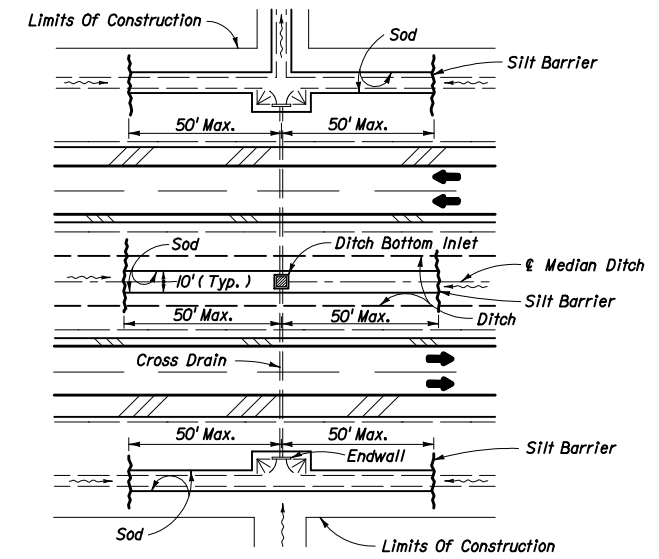
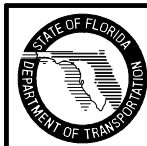
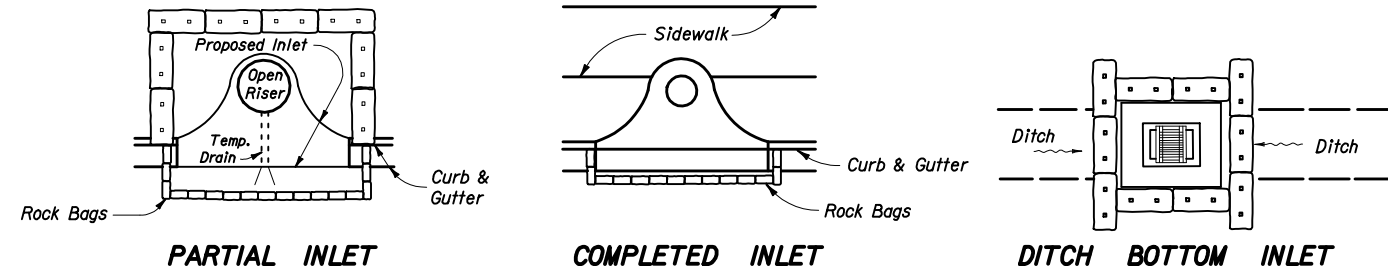


**CHART I**  
 RECOMMENDED SPACING FOR BALED HAY BARRIERS AND TYPE III SILT FENCE

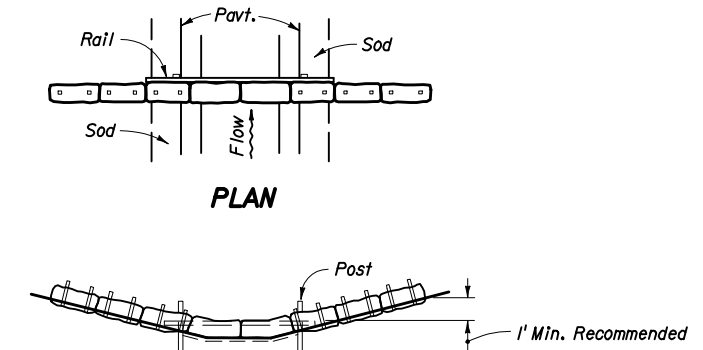


**DITCH INSTALLATIONS AT DRAINAGE STRUCTURES**

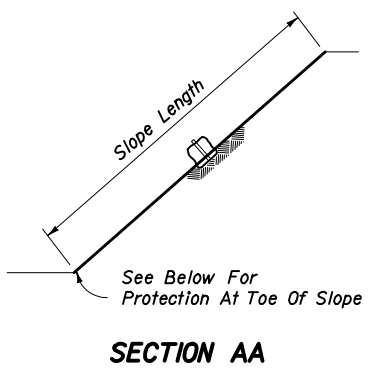




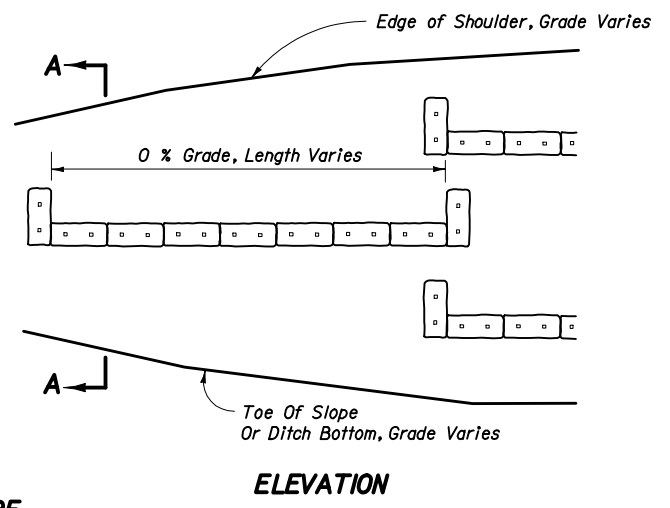
**PROTECTION AROUND INLETS OR SIMILAR STRUCTURES**



**BARRIER FOR PAVED DITCH**



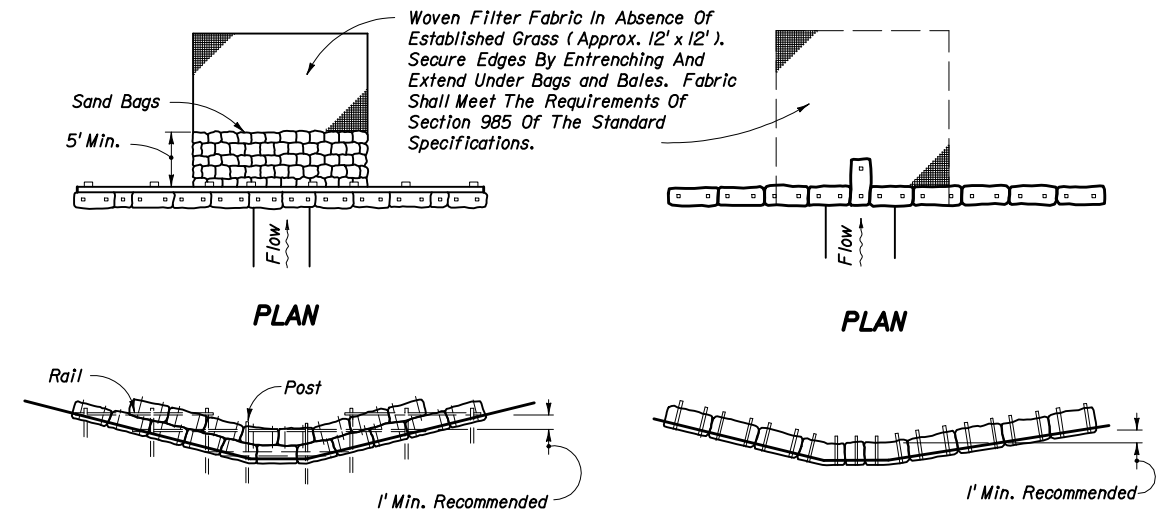
**SECTION AA**



**ALONG FILL SLOPE**

**ELEVATION**

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.



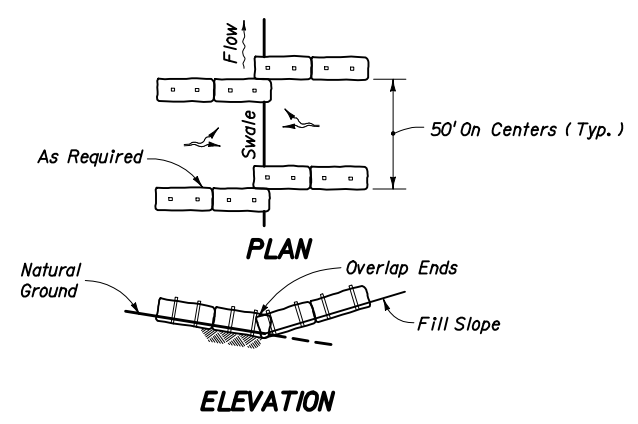
**ELEVATION**

**ELEVATION**

**TYPE II**

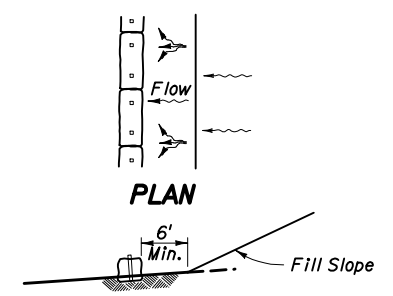
**TYPE I**

**BARRIERS FOR UNPAVED DITCHES**



**ELEVATION**

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



**ELEVATION**

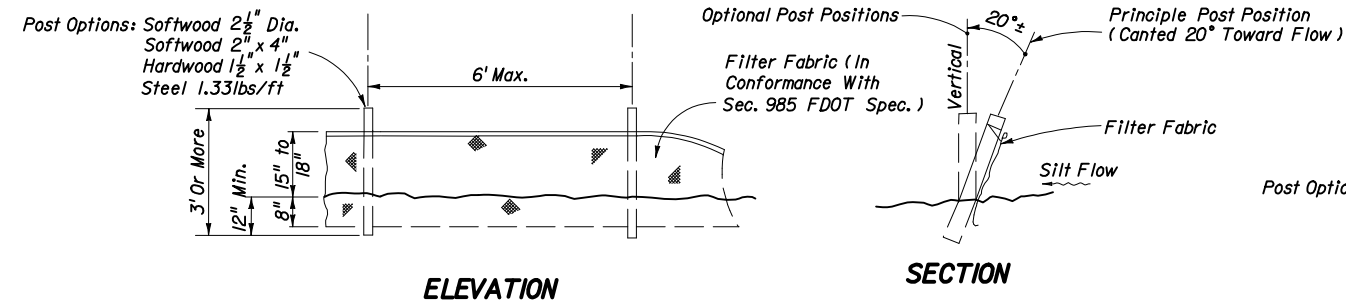
TO BE USED WHERE THE NATURAL GROUND SLOPES AWAY FROM THE TOE OF SLOPE

**AT TOE OF SLOPE**

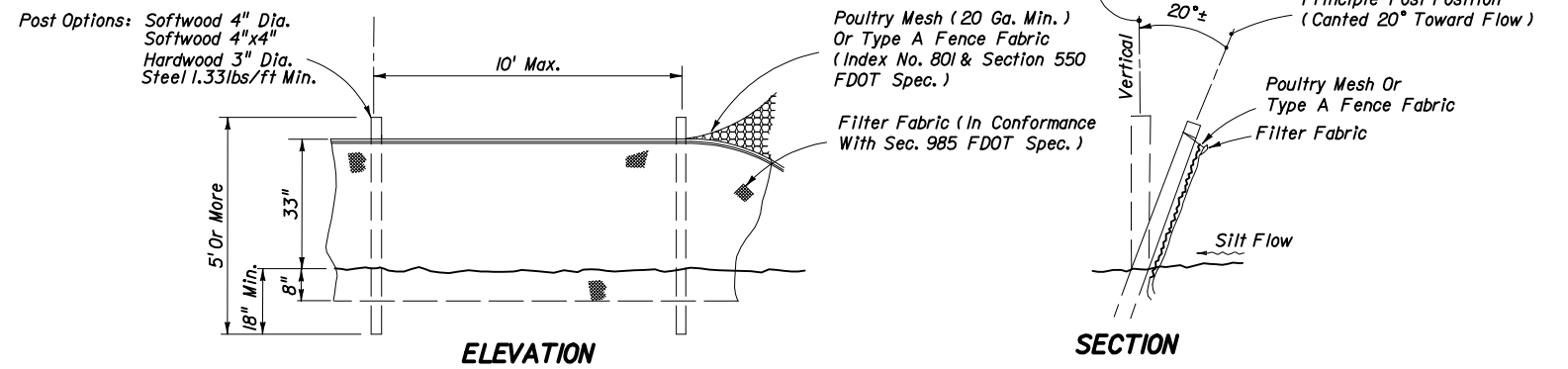
**BARRIERS FOR FILL SLOPES**

**NOTES FOR BALED HAY OR STRAW BARRIERS**

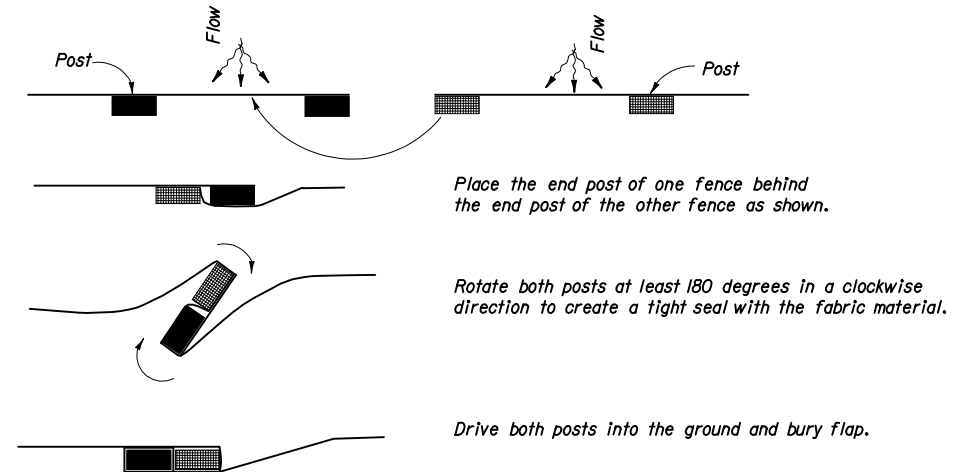
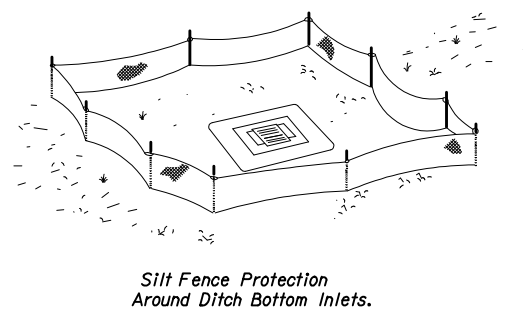
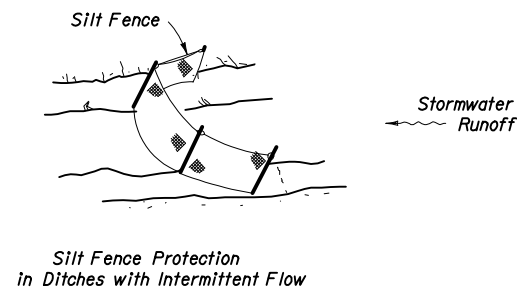
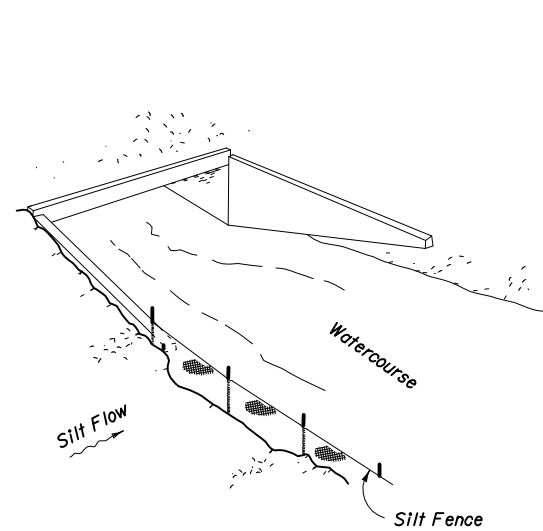
1. Type I and II Barriers should be spaced in accordance with Chart 1, Sheet 1.
2. Hay bales shall be trenched 3" to 4" and anchored with 2 - 1" x 2" (or 1" dia.) x 4' wood stakes. Stakes of other material or shape providing equivalent strength may be used if approved by the Engineer. Stakes other than 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. Unavoidable gaps shall be plugged with hay or straw to prevent silt from passing.
5. Where used in conjunction with silt fence, hay bales shall be placed on the upstream side of the fence.
6. Bales to be paid for under the contract unit price for Baled Hay or Straw, EA. The unit price shall include the cost of filter fabric for Type I and II Barriers. Sand bags 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, EA.



**TYPE III SILT FENCE**



**TYPE IV SILT FENCE**



**JOINING TWO SILT FENCES**

**SILT FENCE APPLICATIONS**

**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 I, Sheet I.
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 travel lanes 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).

