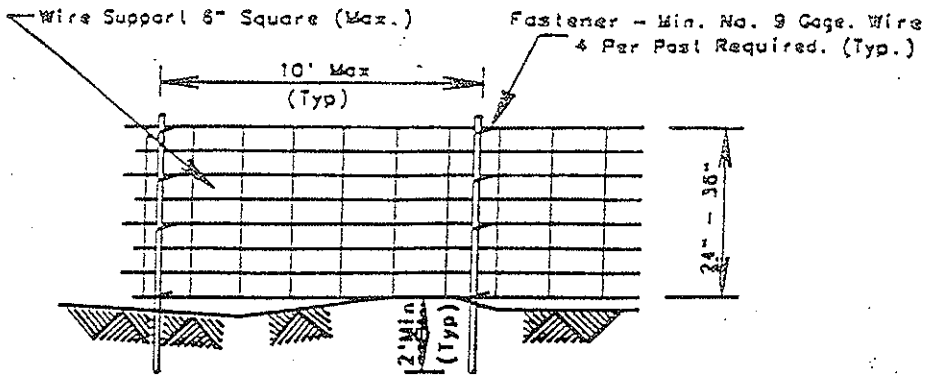
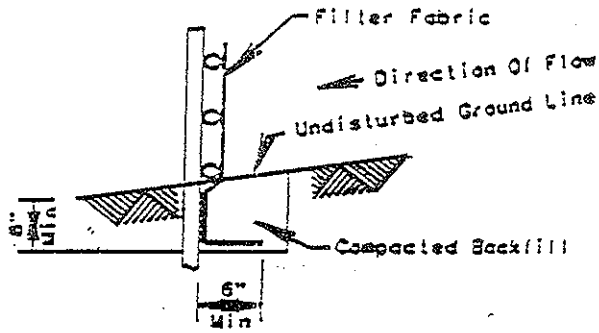
TRI-COUNTY EROSION CONTROL FACT SHEET

STANDARD SILT FENCE PLAN



ELEVATION



FABRIC ANCHOR DETAIL

NOTES

1. Filter fabric shall meet the requirements of Material Specification 592--Geotextile, Table 1 or 2, Class I.
2. Top and bottom wires of the wire support shall be a minimum of 9 gauge; intermediate wires shall be a minimum of 11 gauge. The maximum opening shall be 6 inches.
3. Fence posts shall be standard T or U steel posts or wood with a minimum cross sectional area of 3.0 square inches. Posts shall be a minimum of 60 inches long.
4. The posts shall be driven a minimum of 24 inches into the ground. Post spacing shall be 10 foot maximum for standard silt fence.
5. The wire support may be omitted for standard silt fence if a maximum post spacing of 5 feet and maximum height of 24 inches is used.
6. The height of a standard silt fence shall be a minimum of 24 inches and a maximum of 36 inches above the original ground surface.
7. When splices are necessary, the fabric should be spliced at a support post with a minimum 6 inch overlap.
8. The silt fence shall be entrenched to a minimum depth of 8 inches, with an additional 6 inches extending along the bottom of the trench in the up-slope direction. The trench shall be backfilled and the soil compacted over the fabric.
9. The filter fabric and wire support, if used, must be securely fastened to the posts using 1 inch long heavy duty wire staples, tie wires or hog rings. The fabric shall not be stapled to trees.
10. The fence shall be installed as close to the contour as possible, with the ends extending up-slope. The area below the fence must be undisturbed or stabilized.
11. Silt fences shall be installed prior to the clearing of existing vegetation or site grading.