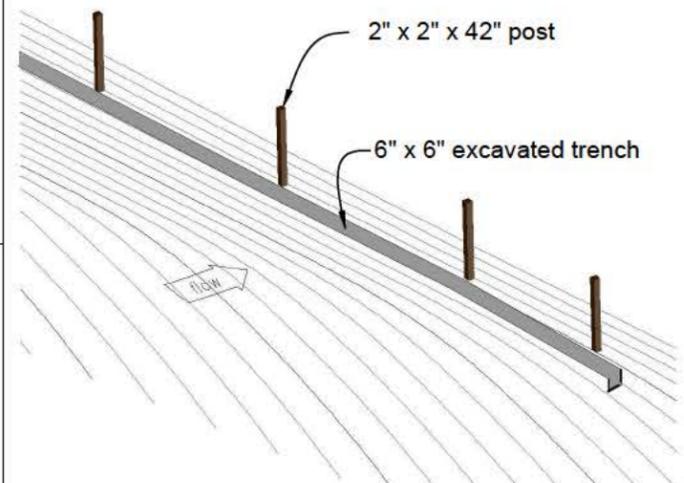


Large areas of disturbance on sloped ground may need internal silt fence as single fence at the bottom of the site may be inadequate. See plan view for silt fence locations and spacings.

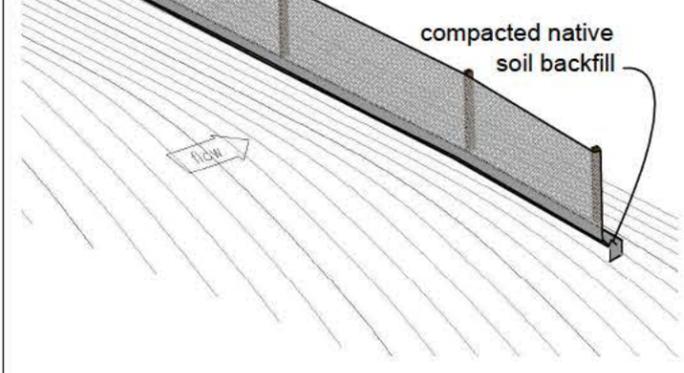
**Silt Fence Placement on a Hillside**

- ### Notes
1. Silt fence installation shall be in the locations shown on the plan view and may be supplemented with requirements of regulatory authorities issuing permits. The silt fence installation and check out shall precede any landscape disturbance.
  2. Installation of the silt fence shall be in accordance with ASTM D 6462, the manufacturer's recommendation, and the details shown on this sheet. Post spacing shown is maximum for unsupported installation with elongation < 50% (ASTM D 4632). For silt fence material with elongation > 50% and supported silt fences, the maximum post spacing is 4 feet.
  3. Silt fence shall be purchased in a continuous roll and cut to alignment length to avoid joints. Laps end posts shall be as shown below. Securing silt fence by simply overlapping without integral securing with double posts is not acceptable.
  4. Silt fence shall be fastened securely to the up slope side of the support posts using a minimum of 3/4 inch long heavy-duty wire staples oriented at 45 degrees from the vertical or tie wires in the case of non-wooden posts.

Excavate the 6" deep, 6" wide trench on the contour with 6 ft at ends extending up slope to prevent silt laden runoff from escaping out the ends. Set the posts to the specified depth (lower left detail). Secure the silt fence to the posts in accordance with manufacturer's instructions or as specified in note 4, above.



Backfill and compact the trench with excavated soils. Use one pass with a manually directed vibratory plate for granular soils (sands and gravels) or a manually directed tamper for fine grained soils (clays and silts).

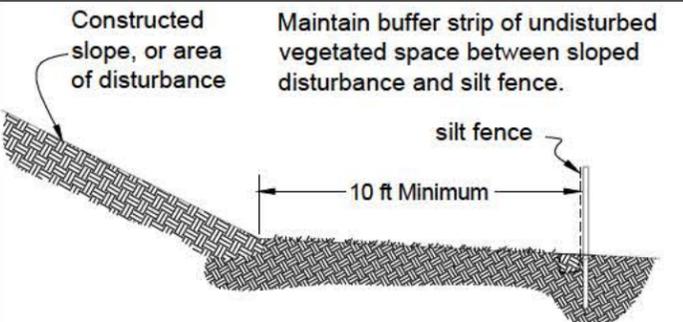


**Silt Fence Installation**

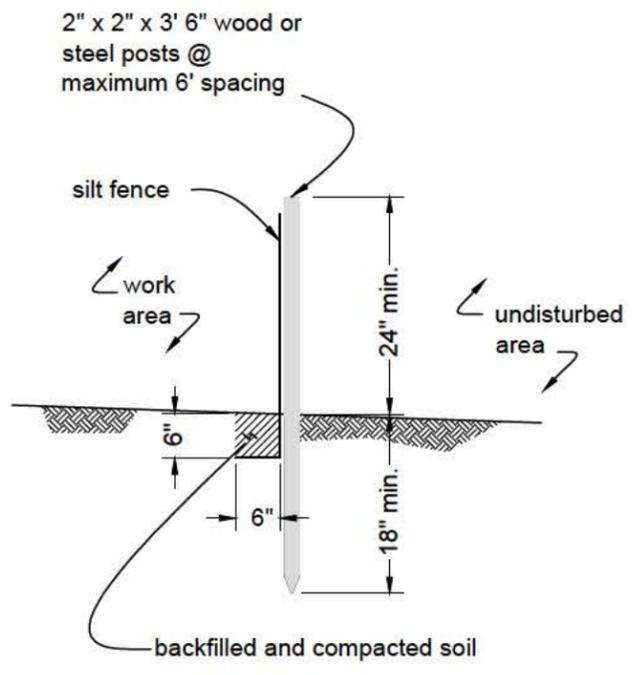
5. Posts shall be 2" x 2" x 3' 6" (or longer) wood, or steel (standard "T" or "U" type 1.3 lbs/linear foot).
6. Silt fence shall have the following properties:

Property	Test Method	Minimum Test Value
Tensile Strength (lbs.) Minimum Average Roll Value (MARV)	ASTM D 4632	90
Ultraviolet Light (% retained strength)	ASTM D 4355 (500 hour exposure)	>70
Apparent Opening Size Maximum Average Roll Value - per ASTM D 4632	ASTM D 4751	<#30 (U.S. standard sieve size)
Permittivity (second-1) Minimum Average Roll Value	ASTM D 4491	0.05

7. Should sediment accumulate to the point where the fence will be overtopped with flow or the weight of the sediment threatens to collapse the fence, remove the sediment and place it above the silt fence out of concentrated flow areas or at other approved locations.
8. At the conclusion of construction when all vegetative actions have been completed the silt fence will be removed and trapped silt will be spread across established vegetation outside paths of concentrated flow. Maximum depth of spread soil shall be 4 inches.

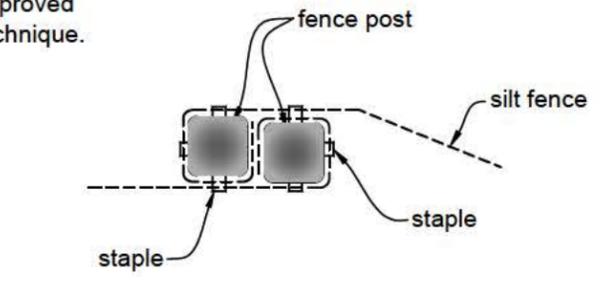


**Detail Toe of Slope Silt Fence Location**

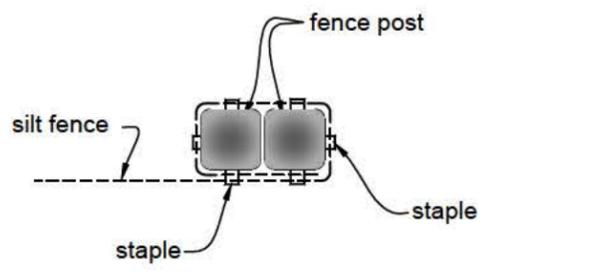


**Typical Cross Section**

Join the top of the two posts together with loop of 9 gage wire or other approved technique.



**Silt Fence Joining Detail**



**End Section Detail  
Silt Fence Connection Details**

Date \_\_\_\_\_  
 Designed \_\_\_\_\_  
 Drawn \_\_\_\_\_  
 Checked \_\_\_\_\_  
 Approved \_\_\_\_\_  
 Title \_\_\_\_\_

**Temporary Pollution Control - Silt Fence**  
 Cooperating with the \_\_\_\_\_  
 Soil and Water Conservation District



File Name \_\_\_\_\_  
 Drawing No. \_\_\_\_\_  
 Sheet x of x