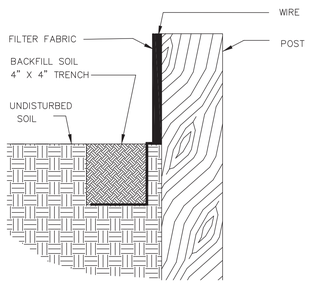
NOTES - (TEMPORARY SILT FENCING)

Silt fencing is a temporary sediment barrier consisting of a filter fabric supported by post and stretched across an area to intercept and detain small amounts of sediment. The silt fencing shall be installed in accordance with the Technical Specifications.

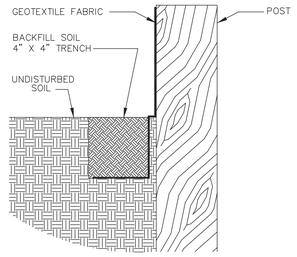
A few basic guidelines for the use of Silt fencing are:

1. Use where erosion would occur in the form of sheet and rill erosion.
2. Use where the maximum slope length behind the barrier is 100 feet.
3. Do not use silt fences in live streams or in ditches or swales where flows exceed one cubic foot per second.
4. Staple spacing for connection of filter fabric or wire fencing to wooden posts shall be a maximum of 6 inches.
5. Wood posts shall be driven into the ground at an adeqate depth to support fencing.

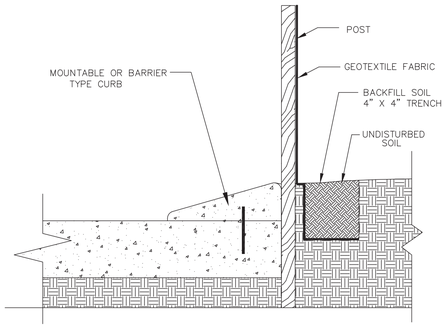


EXTENTION OF FABRIC INTO THE TRENCH

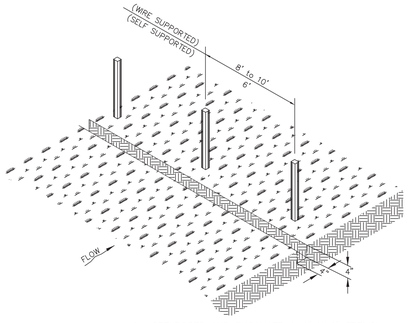
(Wire supported silt fence is shown. Self supported silt fence will be constructed according to manufacturers specifications.



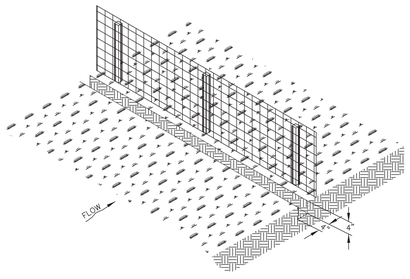
SECTION THRU TRENCH SHOWING GEOTEXTILE FABRIC



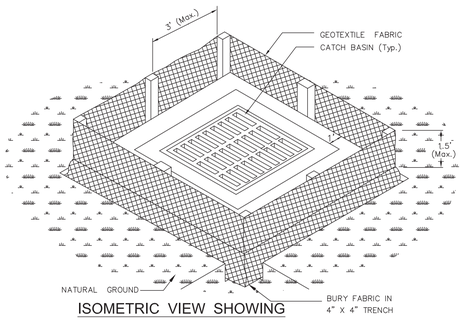
TEMPORARY SILT FENCING BEHIND BACK OF CURB



1. SET POSTS AND EXCAVATE A 4" X 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.

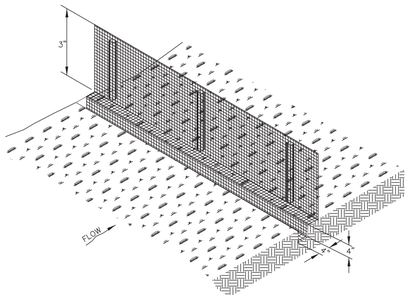


2. STAPLE WIRE FENCING TO THE POSTS.

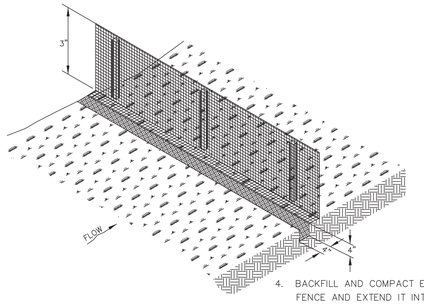


ISOMETRIC VIEW SHOWING GEOTEXTILE FABRIC

(BACK FILL SOIL NOT SHOWN)



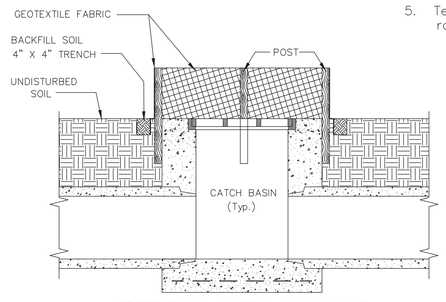
3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT EXCAVATED SOIL. FENCE AND EXTEND IT INTO THE TRENCH.

CONSTRUCTION OF TEMPORARY SILT FENCING

(WIRE SUPPORTED SILT FENCE IS SHOWN. SELF SUPPORTED SILT FENCE WILL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.)



SECTIONAL VIEW SHOWING GEOTEXTILE FABRIC

(FOR CATCH BASIN LOCATED OUTSIDE THE LIMITS OF THE ROADWAY)

NOTES - (TEMPORARY DROP INLET SILT TRAP)

The temporary drop inlet silt trap is to be used for small drainage areas (less than 1 acre) where the storm drain is functional before the area is stabilized. The trap can be either geotextile fabric or hay bales.

1. The geotextile fabric shall conform to Section 1019 (Type G) of the LA DOTD Standard Specifications, Latest Edition.
2. Wooden stakes supporting the fabric shall be 2" x 2" or 2" x 4" with a minimum length of 3 feet. The stakes shall be spaced around the inlet at a maximum spacing of 3 feet.
3. The height of the fabric above the inlet shall be limited to 1.5' and the bottom of the fabric shall be buried in a trench approximately 4" wide by 4" deep. The fabric shall be stapled to the post with 1/2" staples.
4. The trap should be inspected regulary and after each storm. The sediment should be removed and make sure each stake is firmly in the ground.
5. Temporary drop inlet silt trap shall be installed outside the limits of the roadway and/or all traffic areas.

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DATE: 08.15.25
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