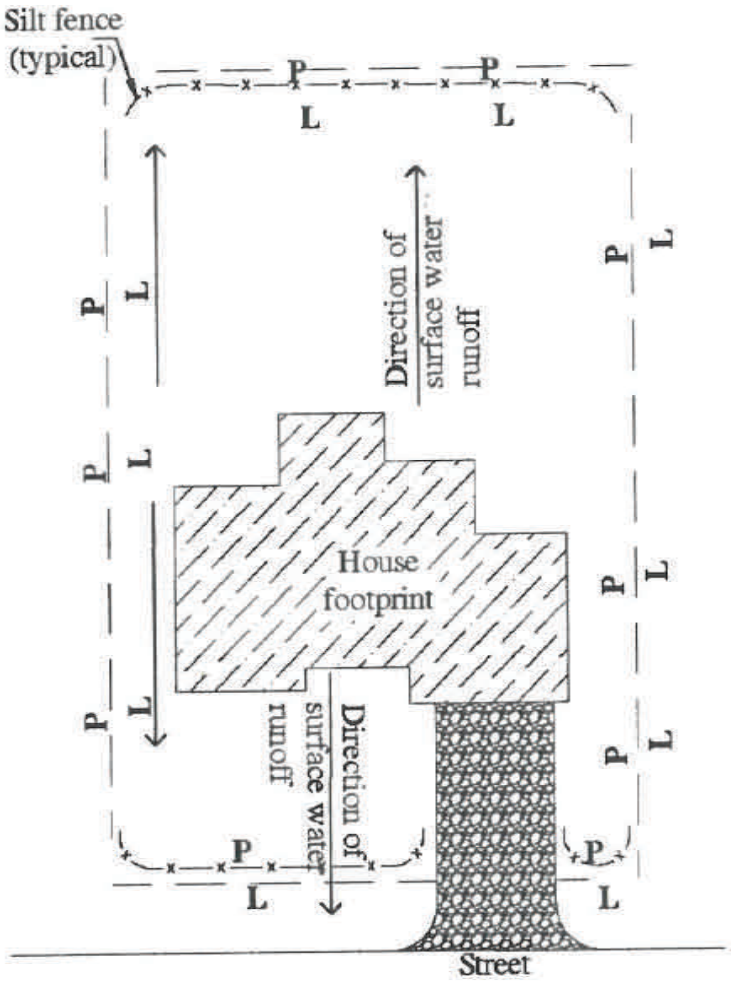
Single Family Lot Erosion Control Plan – Type A

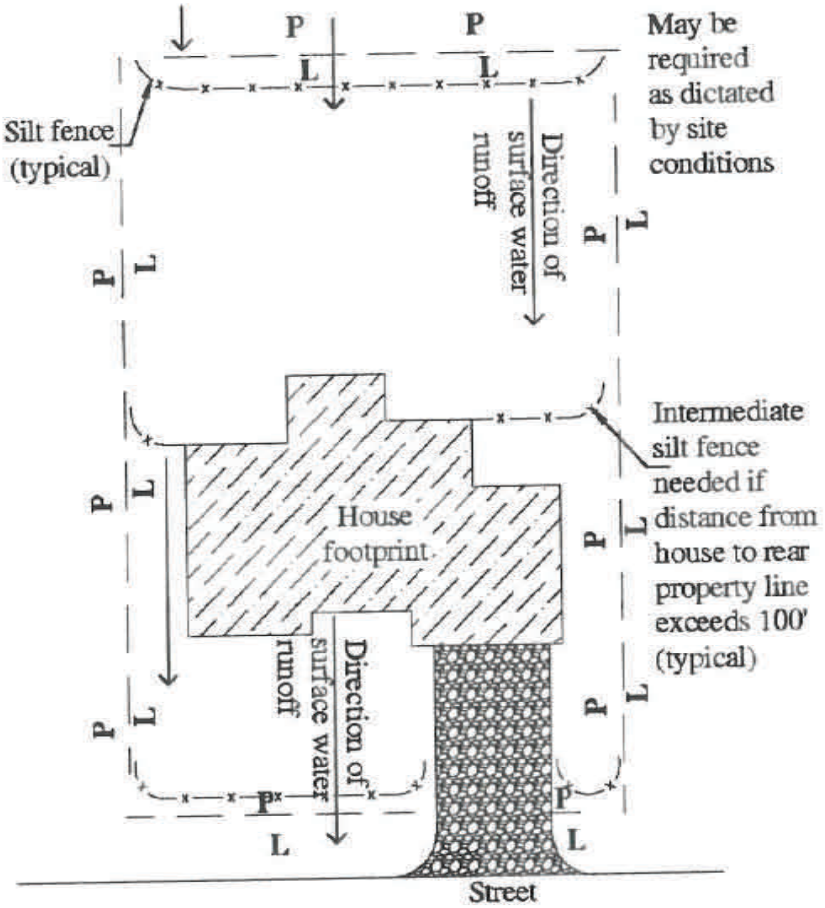


—x—x— Silt fence

Gravel construction entrance

← Direction of surface water runoff

Single Family Lot Erosion Control Plan – Type B

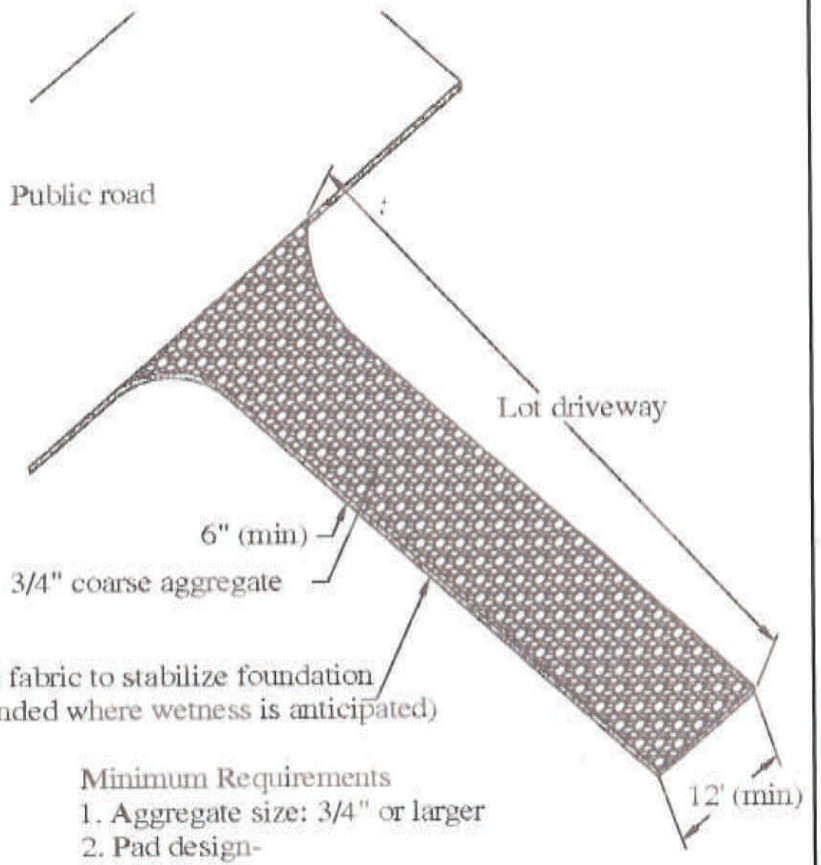


—x—x— Silt fence

Gravel construction entrance

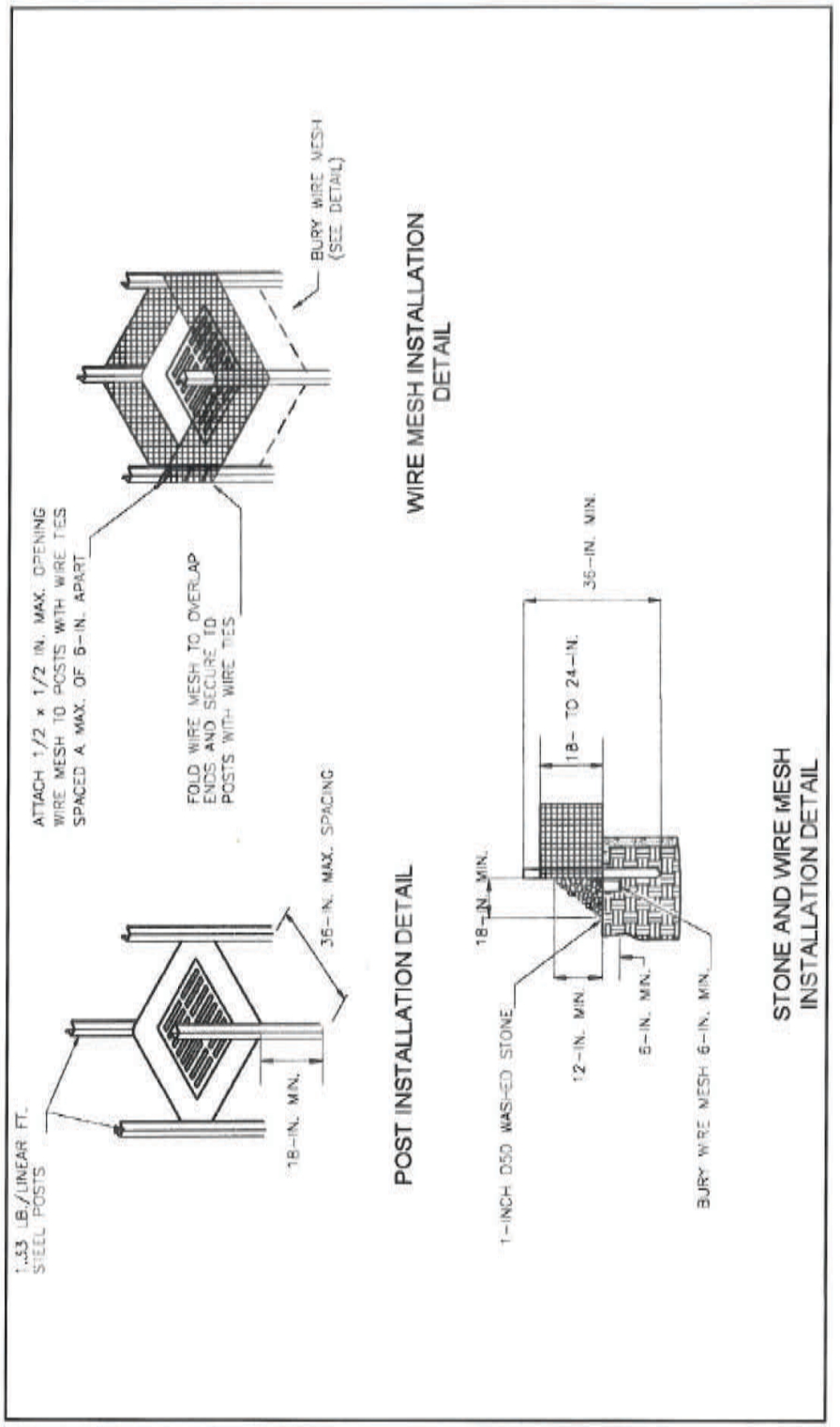
← Direction of surface water runoff

Temporary Construction Entrance



Minimum Requirements
1. Aggregate size: 3/4" or larger
2. Pad design-
Thickness: 6" minimum
Width: 12' minimum
Length: Lot driveway
3. Geotextile fabric-
an underliner of woven geotextile fabric may be used in wet conditions to provide stability

RESIDENTIAL



SEDIMENT FENCE

Minimum Requirements

Length - maximum of 600', flare ends of fence uphill to temporarily impound water.

Spacing of support posts – 6' maximum.

Trench - bottom 1' of fence must be buried a minimum of 6" deep.

Impounded water height - depth of impounded water should not exceed 1.5' at any point along fence.

Support posts - 2" square wood or 1.0 lb/linear foot steel. Steel posts should have projections for fastening fabric.

Support wire - wire fence (14-gauge with 6" mesh), necessary if standard strength fabric is used.

Synthetic geotextile fabric- conforming to specifications in Table 1 and containing ultraviolet light inhibitors and stabilizers. Minimum design life of 6 months.

Table 1
Specifications For Sediment Fence Fabric

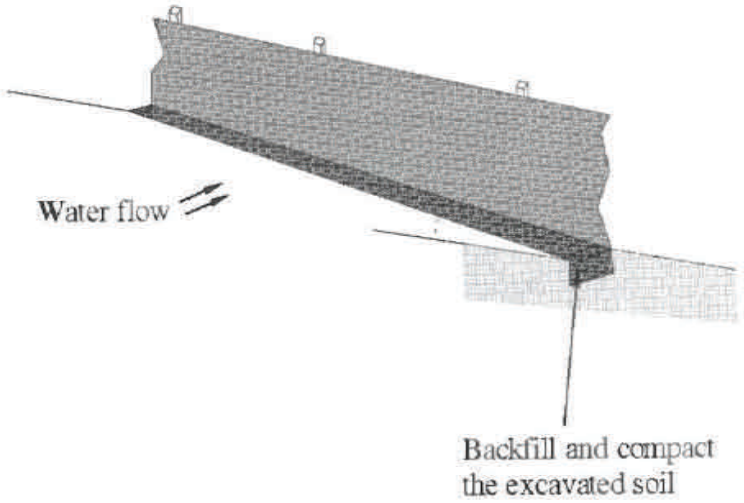
Physical Property	Minimum Requirement
Filtering Efficiency	85%
Tensile strength at 20% (maximum) elongation: Standard Strength = High Strength	 30 lb/linear inch 50 lb/linear inch

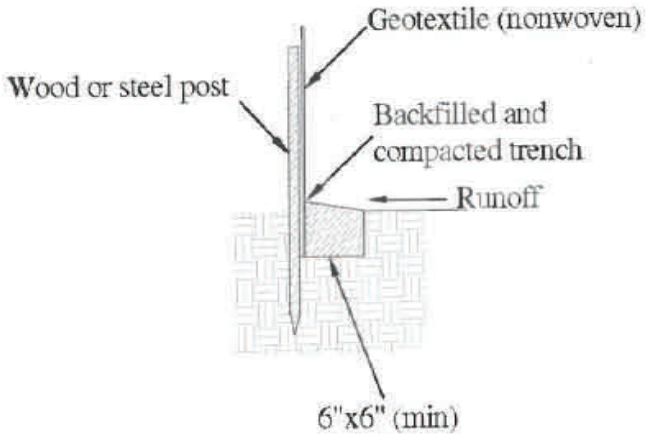
FENCE INSTALLATION

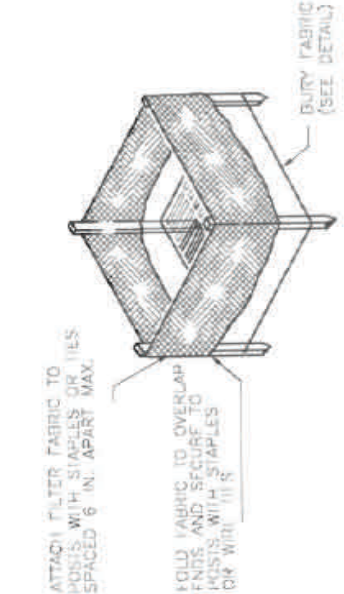
Construction

1. Dig a trench at least 6" deep along the fence alignment.
2. Drive posts at least 18" into the ground on the downslope side of the trench. Space posts a maximum of 6'.
3. Fasten support wire fence to upslope side of posts, extending 6" into trench.
4. Attach continuous length of fabric to upslope side offence posts. Try to minimize the number of joints. Avoid joints at low points in the fence line. Where joints are necessary, fasten fabric securely to support posts and overlap to the next post.
5. Place the bottom 1" of fabric in the 6" deep trench (minimum), lapping toward the upslope side. Backfill with compacted earth or gravel.

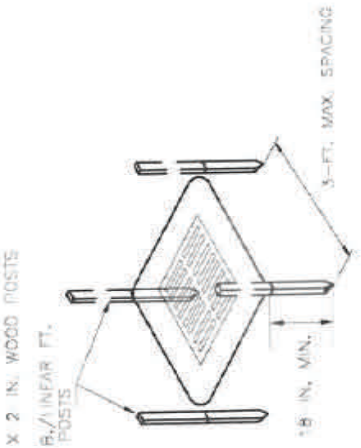
Installation (continue)



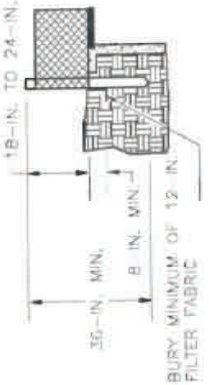




FILTER FABRIC INSTALLATION
DETAIL



POST INSTALLATION DETAIL



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