Temporary Construction Entrance

Public road

Lot driveway

6" (min)

3/4" coarse aggregate

Geotextile fabric to stabilize foundation (recommended where wetness is anticipated)

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

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Minimum Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filtering Efficiency</td>
<td>85%</td>
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<tr>
<td>Tensile strength at 20% (maximum) elongation: Standard Strength =</td>
<td>30 lb/linear inch</td>
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<tr>
<td>High Strength</td>
<td>50 lb/linear inch</td>
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</tbody>
</table>

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)

Water flow

Backfill and compact the excavated soil

Wood or steel post

Backfilled and compacted trench

Runoff

6"x6" (min)

Geotextile (nonwoven)