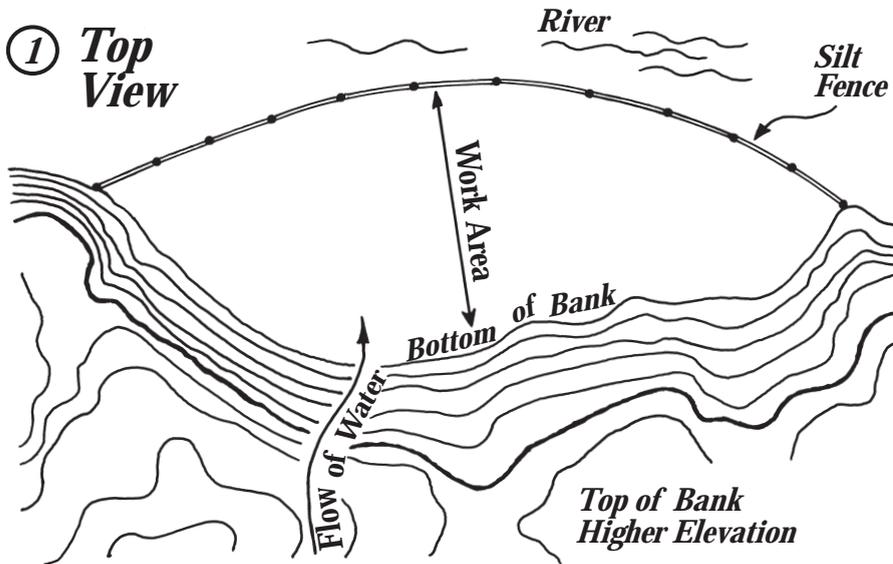


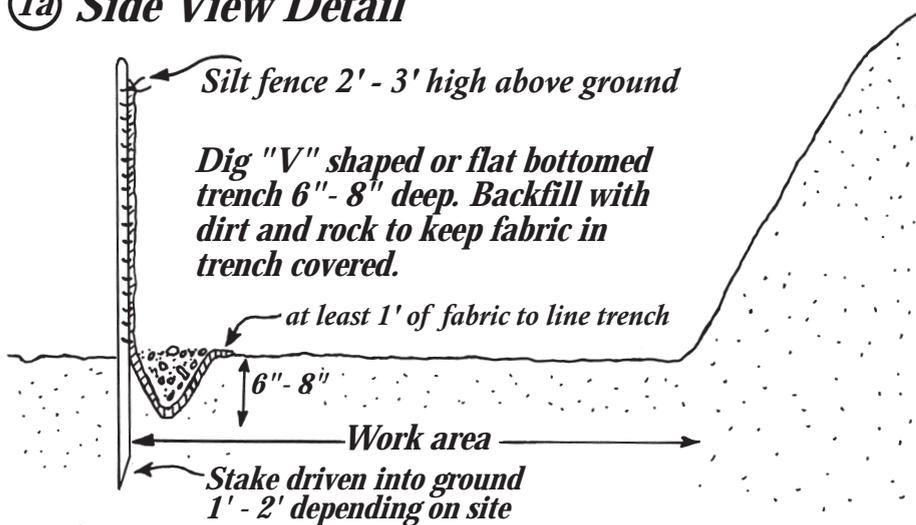
# Silt Fence Installation Step-by-Step

## ① Top View



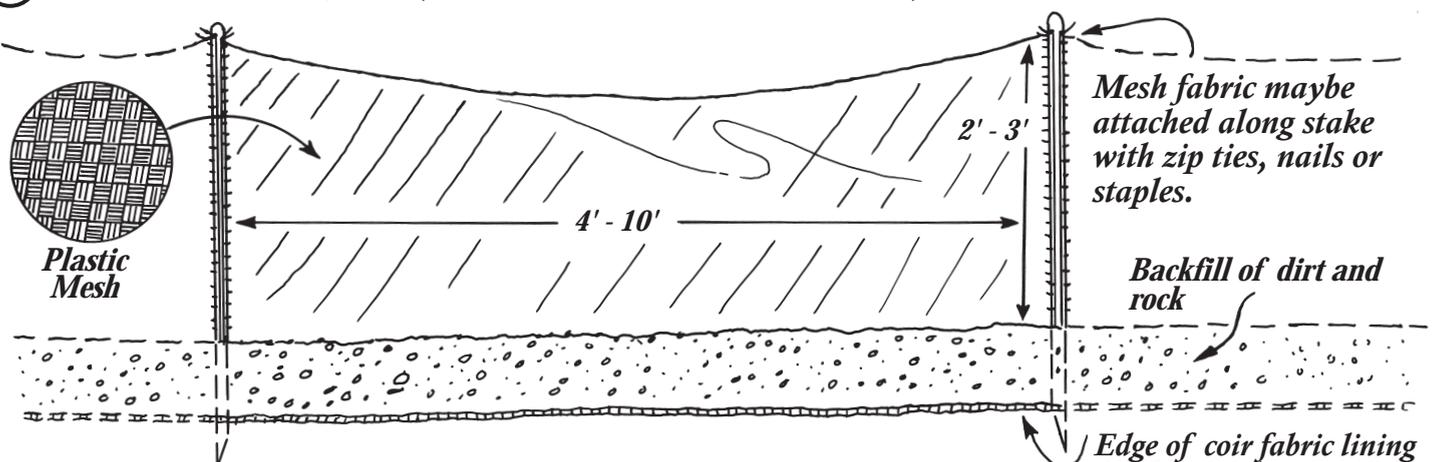
Prepare a stormwater pollution prevention plan. Set up silt fences according to terrain, soil and run-off consideration. Prevent soil migration by decreasing soil exposure, steep unvegetated slopes and construction time. Revegetate as soon as possible in the SAME SEASON.

## ①a Side View Detail



Monitor integrity of installed silt fence and remove sediment before it reaches 1/3 the height of the silt fence. It is especially important to monitor during and after rain and break-up events.

## ①b Front View Detail (One Section of Silt Fence)



Leave silt fence in place until vegetation is established and sediment is stabilized.

## **Silt (Sediment) Fence Installation**

When installing a silt fence, first choose the appropriate place to set up a silt fence by considering site terrain and slope, water flow and projected soil disturbance during construction.

**Set** the silt fence perpendicular to the slope of the land, curving the fence inward towards slope.

**Place** the silt fence spaced away from the toe-of-slope, leaving enough room to accumulate sediment and to perform work.

**Dig** a six to eight-inch trench (either V shaped or flat-bottomed) directly up-slope or upstream of the silt fence. On the downstream edge, drive in wood stakes, rebar or steel stakes at least 1 foot down into the sediment. The stakes or rebar should be long enough to accommodate the trench depth and height of the silt fence fabric.

**Run** a continuous length of fabric along the inside of the stakes and secure with nails, staples or zip ties allowing at least 1 foot to line the trench. Extend termination points uphill one full panel length.

**Use** continuous fabric piece for the silt fence. If one is unavailable and a joint is necessary, overlap the fabric at least the width of one stake spacing and secure in place using a wooden lath, staples, zip ties or nails.

**Cover** the trench with backfilled and compacted soil, gravel or rock.

**Maintain** the fence by checking the fabric for damage, failure of fence to withhold sediment, and damage to posts. Install additional back-up silt fence if needed.