



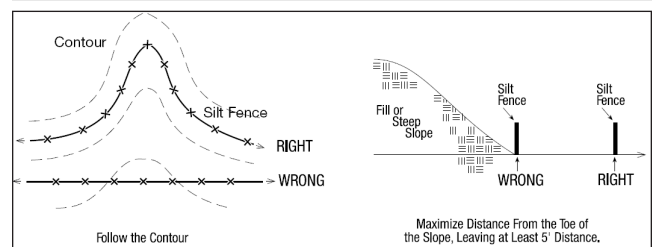
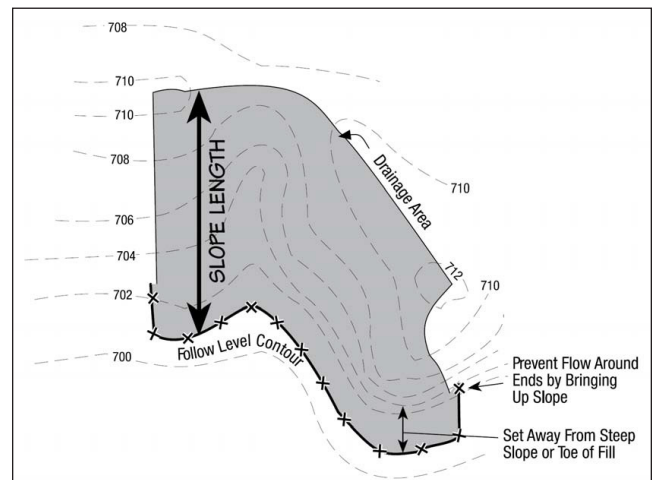
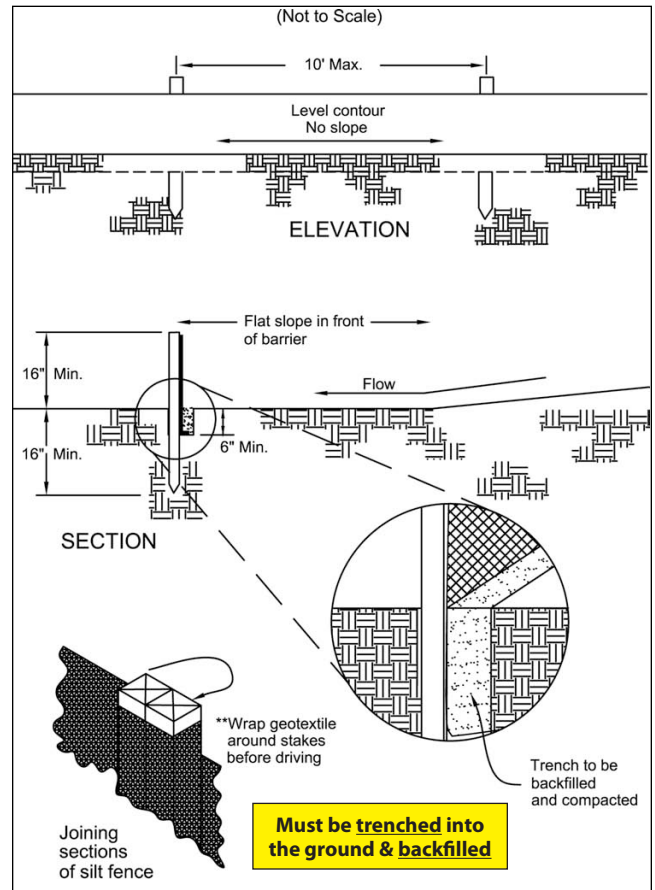
# Franklin Soil and Water Conservation District

## BMP Review | *Silt Fence*

Silt fence is one of the most widely used stormwater BMP's on construction sites and is very effective when properly installed in the right setting and maintained.

Follow the tips below for using silt fence on your site.

1. **Silt fence must be installed along the contours.** It is not intended for concentrated flows like those found in gullies, ditches or channels.
2. **Slope is critical to the performance of silt fence.** Refer to the [OEPA Construction General Permit \(CGP\)](#) and the [Rainwater and Land Development Manual](#).
3. **Trench fabric into the ground and backfill.** This ensures water will pond behind the fence, allowing sediments to be filtered out. No gaps should appear between the fence and the ground when tugged on.
4. **Join sections by twisting stakes together.** This provides strength and added stability.
5. **Only disturb what you need to.** Utilize vegetative strips to provide additional filtration & reduce overall maintenance needs.
6. **Provide regular maintenance.** Inspect fence weekly and after rain events. Look for tears or other damage from equipment/vehicles and repair & replace as needed. Accumulated sediments should be removed when deposits reach approximately one-half the height of the fence.



Above are two GREAT examples; proper silt fence installation along the contours WITH a vegetative buffer strip, and the proper way to join two sections.

### Helpful Links:

- <https://www.franklinswcd.org/developing-lands>
- [https://www.epa.ohio.gov/dsw/permits/GP\\_ConstructionSiteStormWater](https://www.epa.ohio.gov/dsw/permits/GP_ConstructionSiteStormWater)
- <https://epa.ohio.gov/dsw/storm/rainwater>

Specs taken from the Rainwater and Land Development Manual