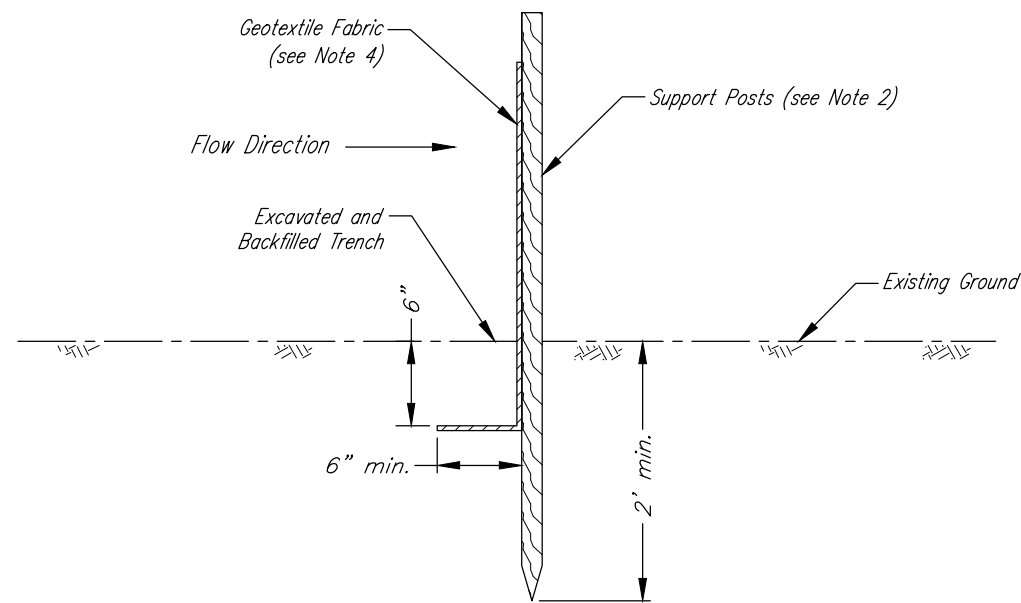


ISOMETRIC VIEW

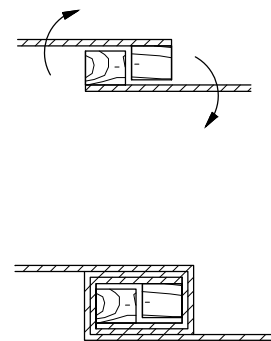


TYPICAL SECTION

Notes:

1. The geotextile fabric must be placed in the excavated trench, backfilled, and compacted to the existing ground surface.
2. Wooden support posts must be a minimum dimension of 1 1/8" x 1 1/8", min. 4' long. Steel posts must be studded "Tee" or "U" type with a minimum weight of 1.3 pounds per lineal foot and 5 feet long. Post spacing will be a maximum of 8 feet for woven fabric and 3 feet for nonwoven fabric.
3. The geotextile fabric must be attached directly to the upslope side of wooden posts with 0.5 inch staples in a minimum of 4 evenly spaced locations, or with wooden lath and nails. Attachment to steel posts must be by wire fasteners or 50 pound plastic tie straps on the upslope side.
4. The geotextile fabric must consist of either woven or nonwoven polyester, polypropylene, stabilized nylon, polyethylene, or polyvinylidene chloride. Nonwoven fabric may be needle punched, heat bonded, resin bonded, or combinations thereof. All geotextile fabric must meet the following requirements:

Test Requirement	Method	Value
Minimum Grab Tensile Strength	ASTM D 4632	100 lbs.
Minimum Trapezoid Tear Strength	ASTM D 4533	45 lbs.
Minimum Apparent Opening Size	ASTM D 4751	0.6 mm
Minimum Permittivity	ASTM D 4491	0.1 sec. ⁻¹
Minimum Ultraviolet Stability Percentage of Strength Retained After 500 Hours of Exposure	ASTM D 4355	70%



Place the End Post of the Second Fence Inside the End Post of the First Fence. Rotate Both Posts at Least 360 Degrees in a Clockwise Direction to Create a Tight Seal with the Geotextile.

Final View, Rotated 360 Degrees

SILT FENCE JOINT

QUANTITIES	
Support Posts	
Geotextile	ft.
Fasteners	

MICHIGAN ENGINEERING STANDARD DRAWING		
FILE NAME MI-244-B 1-19		
STANDARD DWG. NO. MI-244-B		
DATE 1-19	SHEET 1	OF 1

Dimensions in inches or feet-inches

Not to Scale

United States Department of Agriculture USDA Natural Resources Conservation Service	Silt Fence		Date
	Designed	_____	_____
	Drawn	_____	_____
	Checked	_____	_____
Township, T. _____, Sec. _____		Co., Michigan	Approved
-R.			
File Name			
Drawing Name			
Sheet _____ of _____			