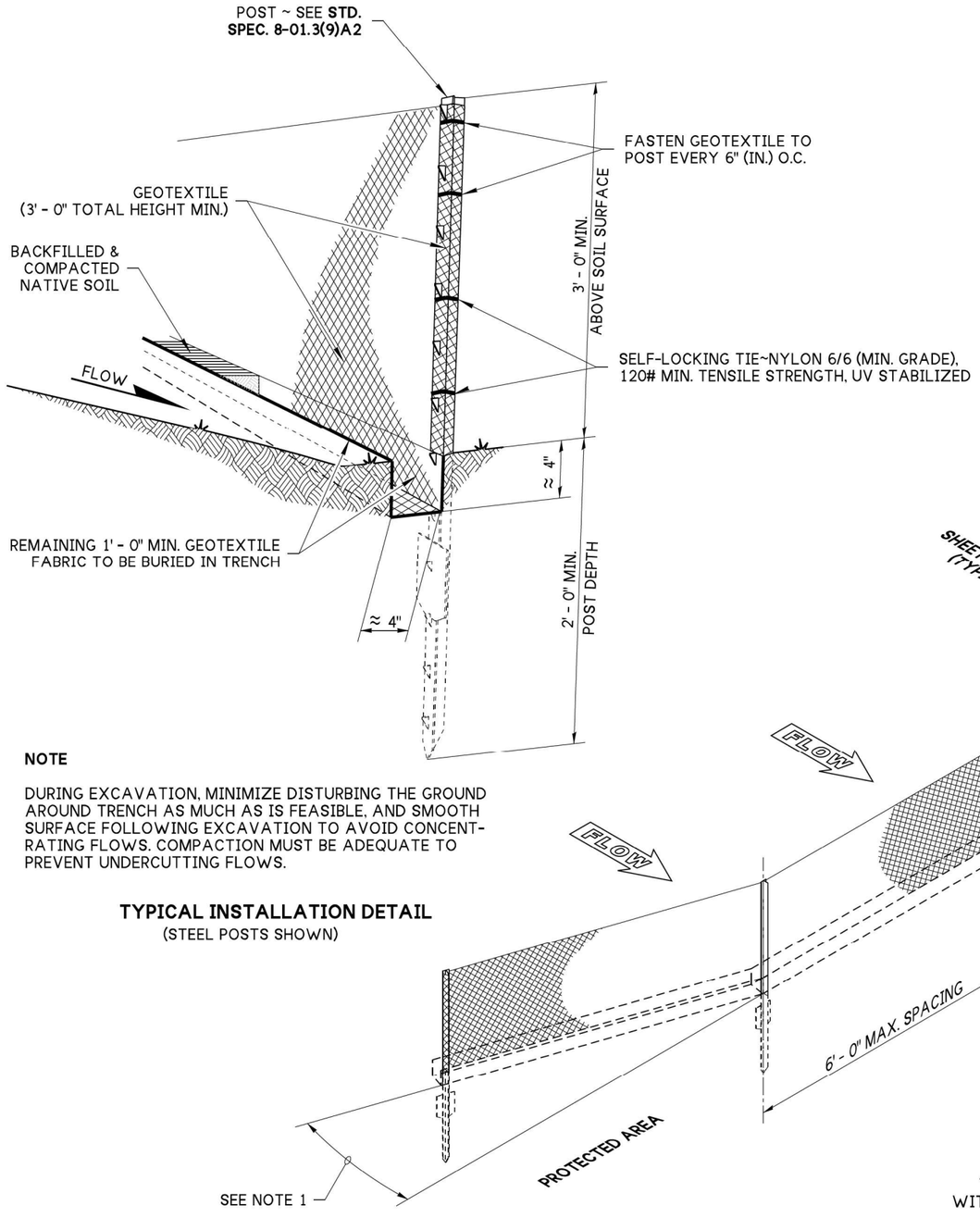
DRAWN BY: BILL BERENS



NOTE

DURING EXCAVATION, MINIMIZE DISTURBING THE GROUND AROUND TRENCH AS MUCH AS IS FEASIBLE, AND SMOOTH SURFACE FOLLOWING EXCAVATION TO AVOID CONCENTRATING FLOWS. COMPACTION MUST BE ADEQUATE TO PREVENT UNDERCUTTING FLOWS.

TYPICAL INSTALLATION DETAIL
(STEEL POSTS SHOWN)

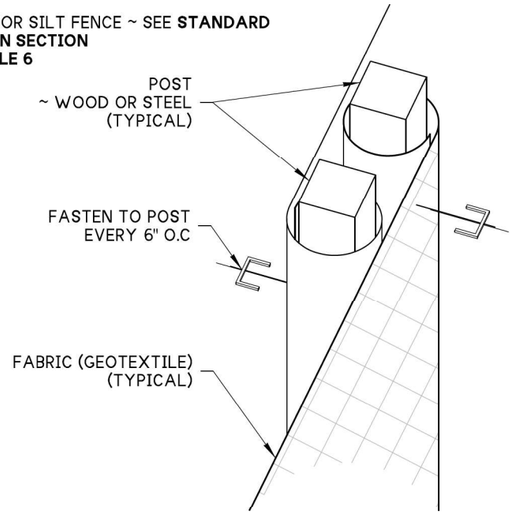
TYPICAL SILT FENCE WITHOUT BACKUP SUPPORT
ISOMETRIC
(STEEL POSTS SHOWN)

NOTES

1. Angle Silt Fence Terminal end uphill between 24" to 48" (in) or as needed to prevent sediment (and turbid water) from flowing around the end of the fence.
2. Splices shall not be placed in low spots or sumps.
3. Install silt fencing parallel to mapped contour lines with geotextile fabric on the up-slope side of the posts.
4. Perform maintenance in accordance with **Standard Specification Sections 8-01.3(9)A2** and **8-01.3(15)**.

POST NOTES

1. Wood posts shall be minimum dimensions of 2 inch by 2 inch by 3 feet. Wood shall be free of defects such as knots, splits, or gouges. A minimum of four staples shall be used per post.
2. Steel posts shall be No. 6 steel rebar or larger; **ASTM A 120** steel pipe with a minimum diameter of 1-inch; U.T.L. or C shape steel posts with a minimum weight of 1.35 lbs/ft. A minimum of three plastic ties (50 lb. test strength) shall be used per post with the first tie located in the top 8 inches of the fabric, with each tie hung on a post nipple, placed diagonally to attached as many vertical and horizontal threads as possible.



SPLICED FENCE SECTIONS SHALL BE CLOSE ENOUGH TOGETHER TO PREVENT SILT LADEN WATER FROM ESCAPING THROUGH THE FENCE AT THE OVERLAP.

SPLICE DETAIL
(WOOD POSTS SHOWN)

STATE OF WASHINGTON
JULI DEE HARTWIG
No. 1422
Exp. 6/21/27
LICENSED LANDSCAPE ARCHITECT

May 4, 2026

SILT FENCE

STANDARD PLAN I-30.15-03

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Mark A Dawes May 5, 2026
STATE DESIGN ENGINEER
Washington State Department of Transportation