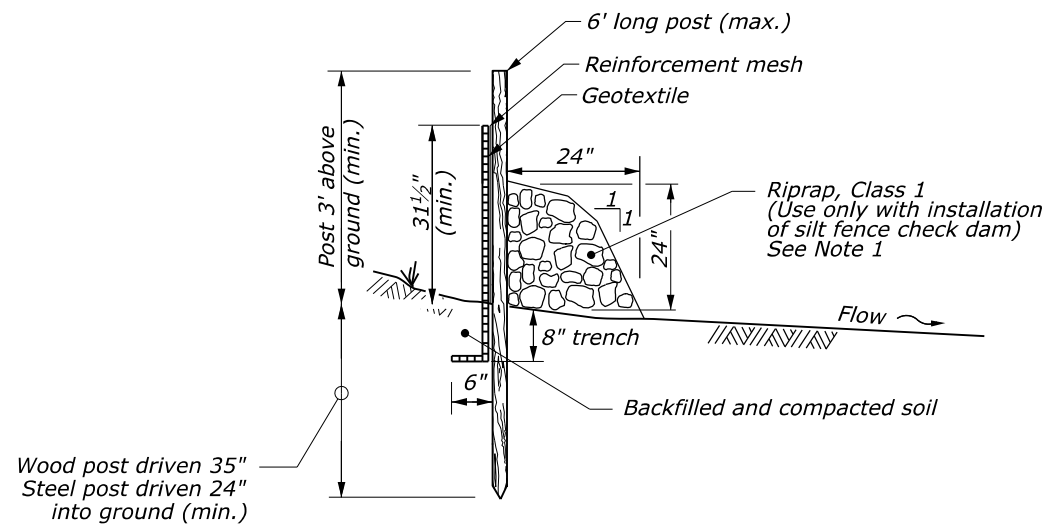


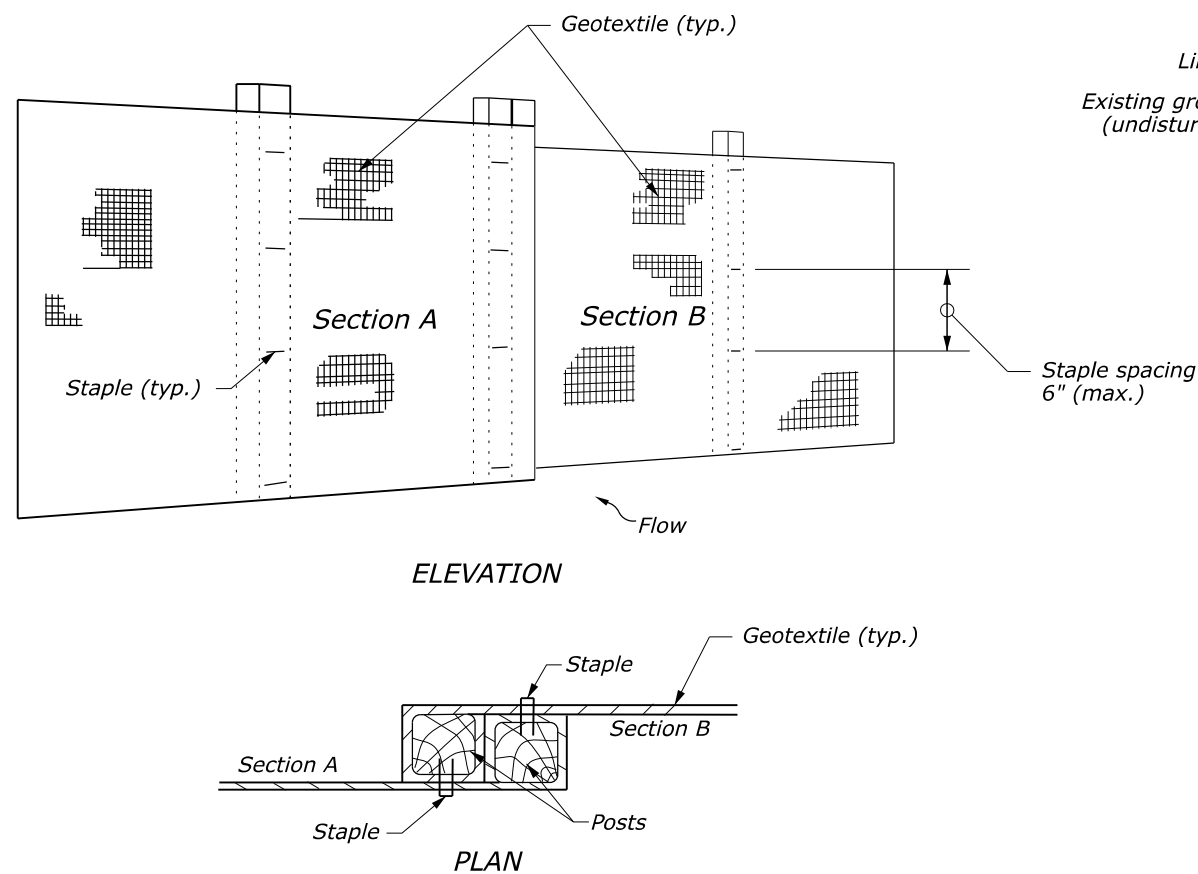
**WIRE-BACKED SILT FENCE WITH CHECK DAM**



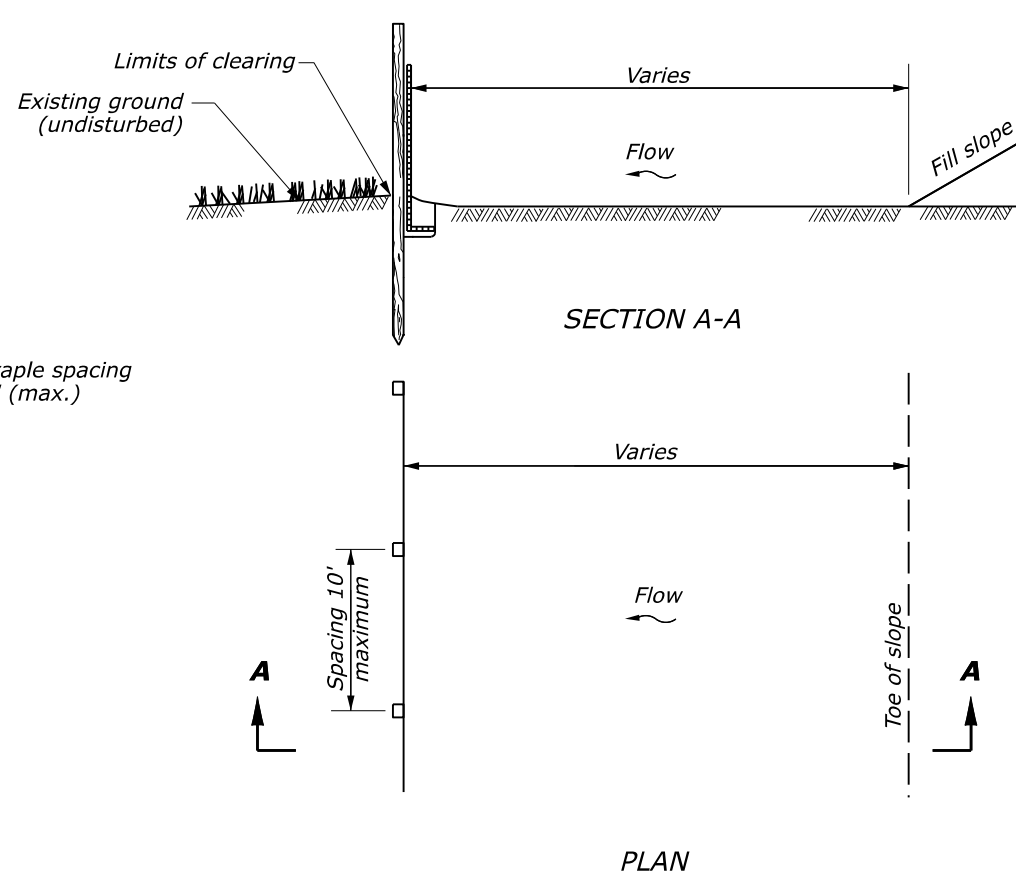
**POST AND GEOTEXTILE INSTALLATION**

**NOTES:**

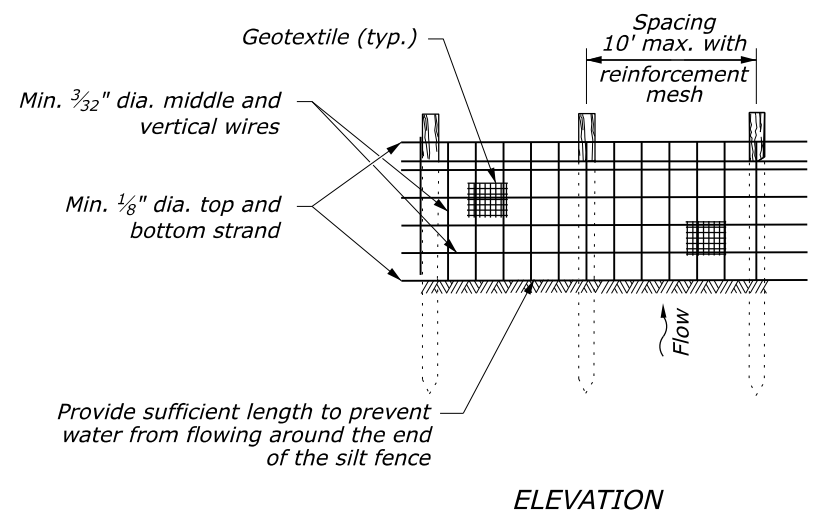
1. Install silt fence with Class 1 riprap only in low-flow drainage ditches where shown on the Erosion and Sediment Control Plan.
2. Install pre-assembled silt fence according to the manufacturer's recommendations.
3. Install silt fence along ground contours. Curve ends of silt fence upgrade to prevent water from running around the ends.
4. Attach geotextile and reinforcement mesh so they do not slide down posts. Provide detail for attaching to steel posts for approval.
5. Use reinforcement mesh that is a minimum of 32 inches in width and has a minimum of 6 line wires with 12-inch stay spacing.
6. Use geotextile that is a minimum of 45 inches in width and fasten adequately to the reinforcement mesh as directed.
7. Use 60-inch minimum height steel posts of the self-fastener angle steel type.
8. Use 70-inch minimum height by 3-inch diameter wood posts.
9. Extend reinforcement mesh and geotextile into trench.



**JOINING TWO ADJACENT SILT FENCE SECTIONS**  
(See Note 4)



**WIRE-BACKED SILT FENCE INSTALLATION AT TOE OF FILL**



**ELEVATION**

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	EFLHD DETAIL E157-02
<b>WIRE-BACKED SILT FENCE</b>	SPECIFICATION FP-24, FP-14 APPROVED FOR USE 05/2024