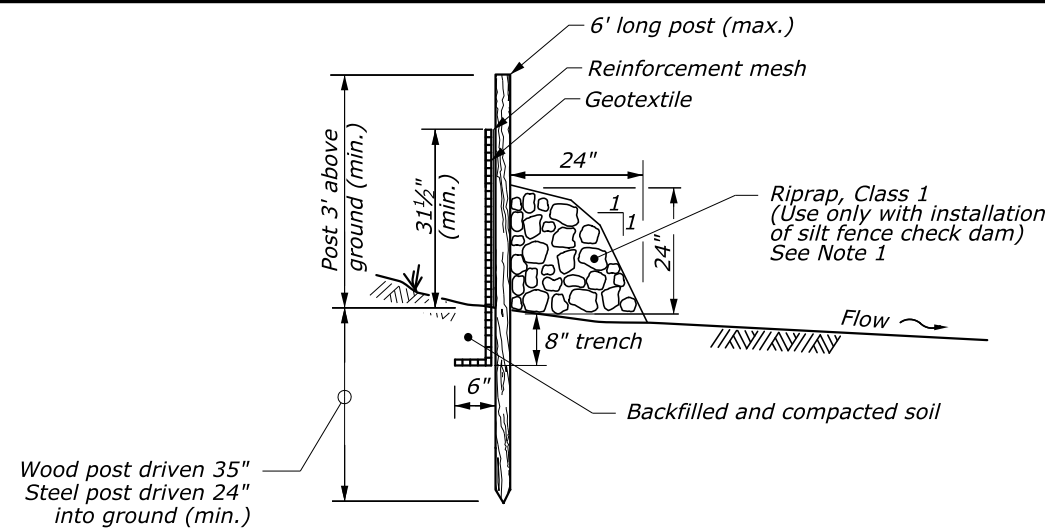


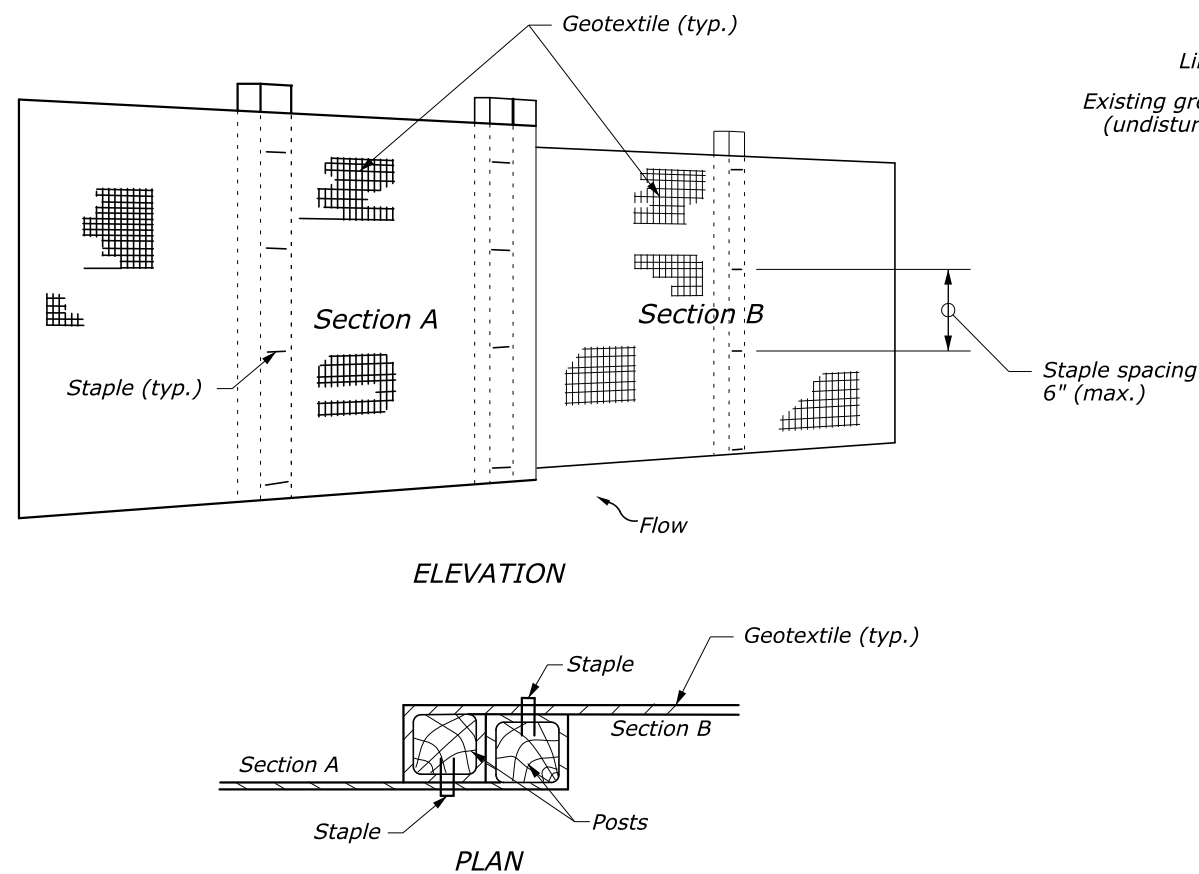
**WIRE-BACKED SILT FENCE WITH CHECK DAM**



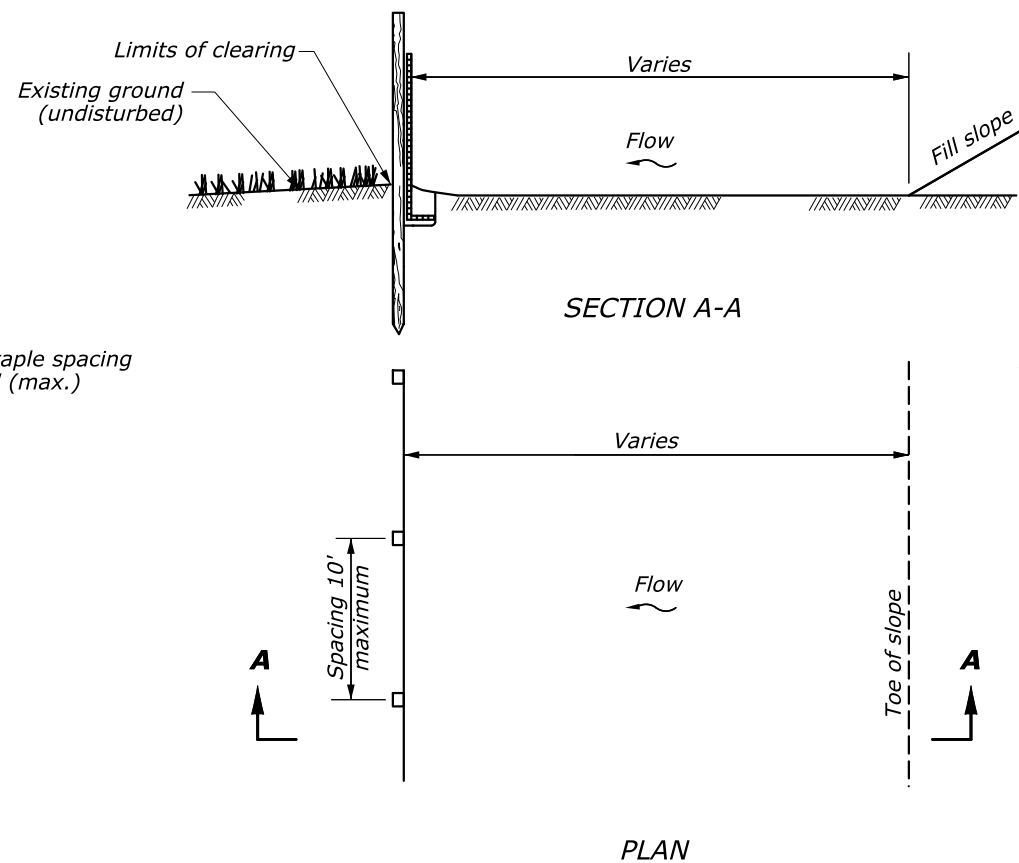
**POST AND GEOTEXTILE INSTALLATION**

**NOTES:**

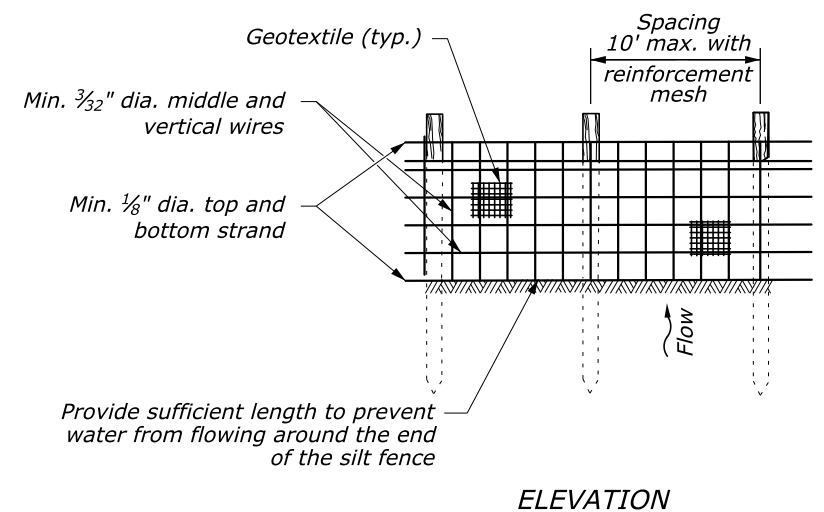
1. Install silt fence with Class 1 riprap only in low-flow drainage ditches where shown on the Erosion and Sediment Control Plan.
2. Install pre-assembled silt fence according to the manufacturer's recommendations.
3. Install silt fence along ground contours. Curve ends of silt fence upgrade to prevent 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 to the CO 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 by the CO.
7. Use 60-inch minimum height steel posts of the self-fastener angle steel type.
8. Use 70-inch minimum height x 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 FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
<b>WIRE-BACKED SILT FENCE</b>	
DETAIL APPROVED FOR USE	DETAIL
APPROVED: MARCH 2015 REVISED: MARCH 2018	E157-02