

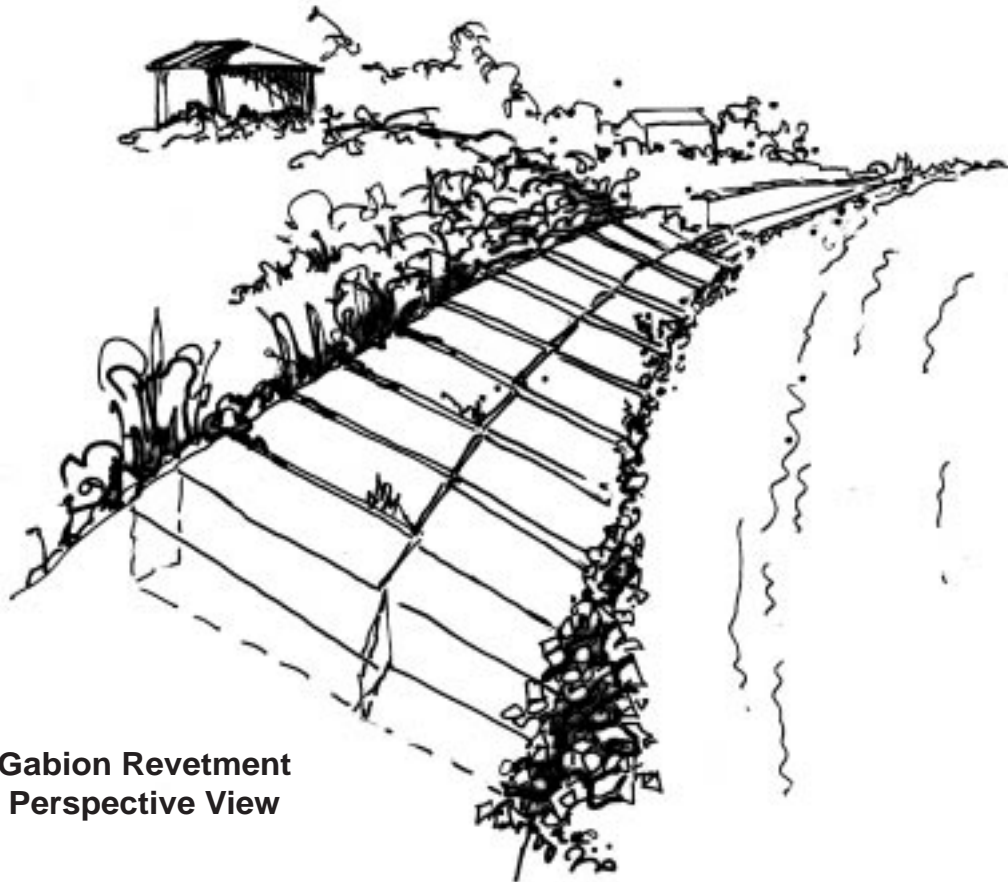
PRIMARY USE: Erosion control.

ADDITIONAL USES: To reduce sediment in receiving waters.

GABION REVETMENT

What is it? A revetment is a facing placed on a bank or bluff of stone to protect a slope, embankment, or shore structure against erosion by wave action or currents.

Purpose To prevent the erosion of banks.



**Gabion Revetment
Perspective View**

Limitations

Maintenance may be required to refill baskets whose stones have settled or been lost. Gabions should not be used at all where damage from water-carried debris is likely or where foot traffic over the revetment is expected.

Materials

Stones, wire baskets.

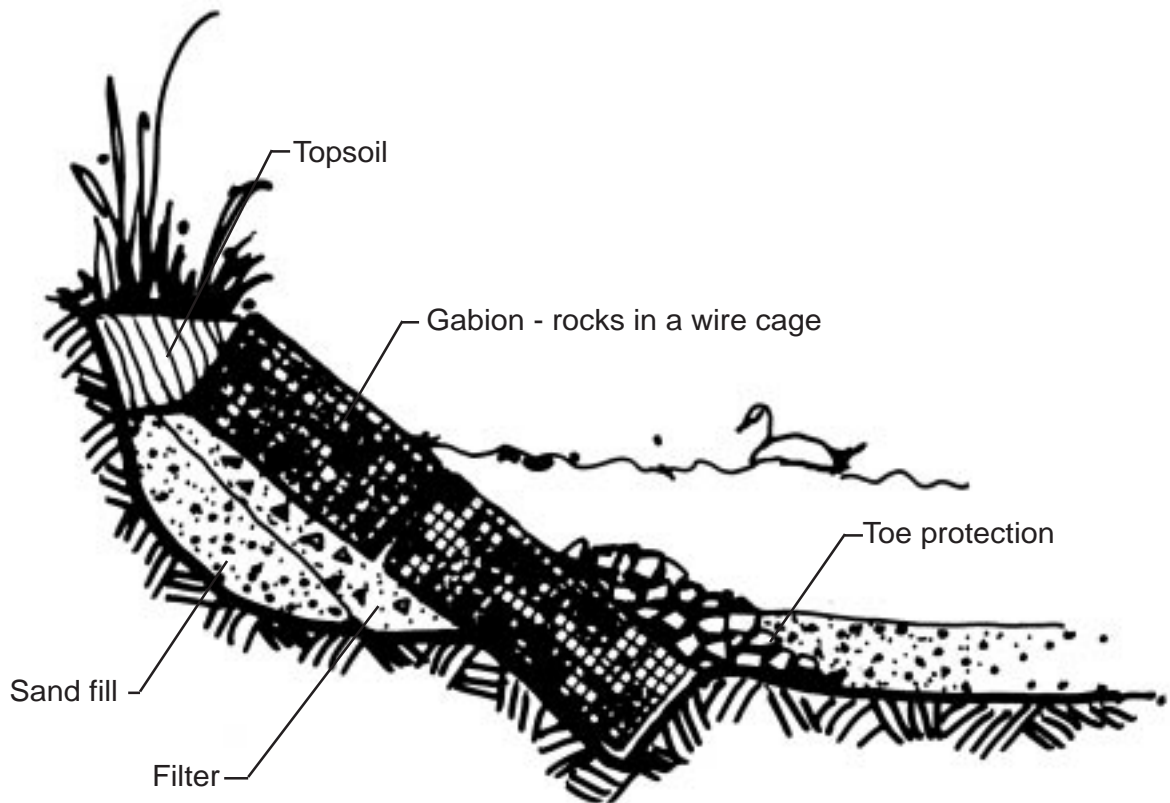
Installation

The baskets must be solidly filled, or the wires will be abraded by movement of loose stones. The stones must be large enough, usually at least four inches in diameter, to prevent loss of stone through the gabion mesh.

Source: Low Cost Shore Protection, Army Corps of Engineers.

GABION REVETMENT

Additional Drawings:

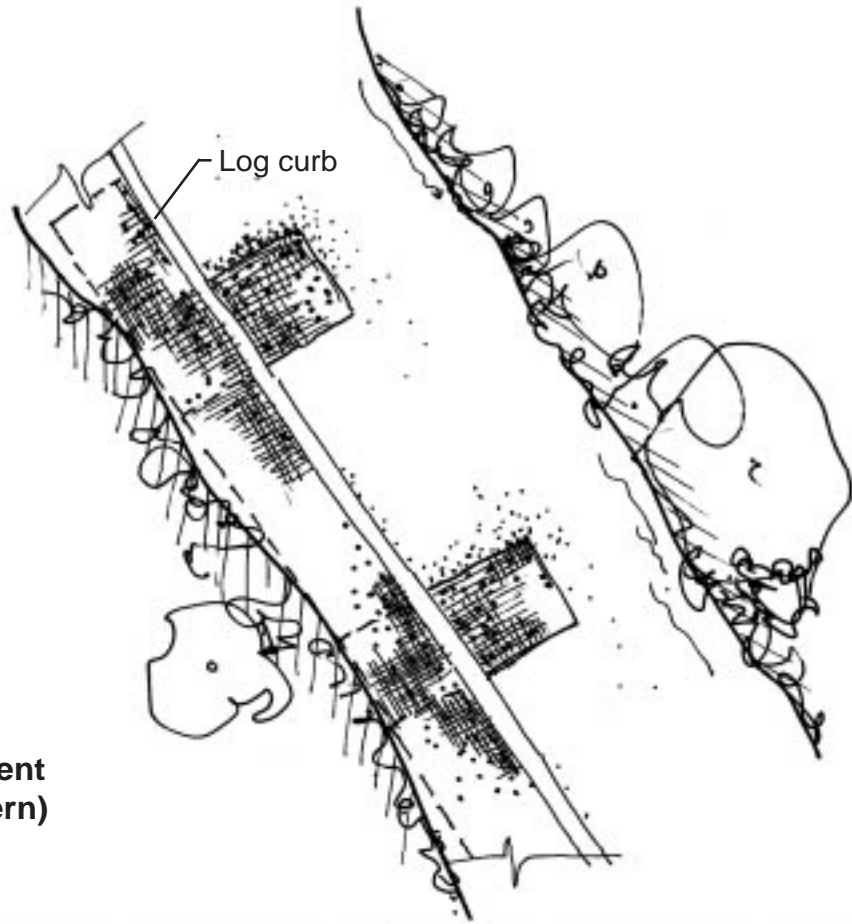


**Gabion Revetment
Section View**

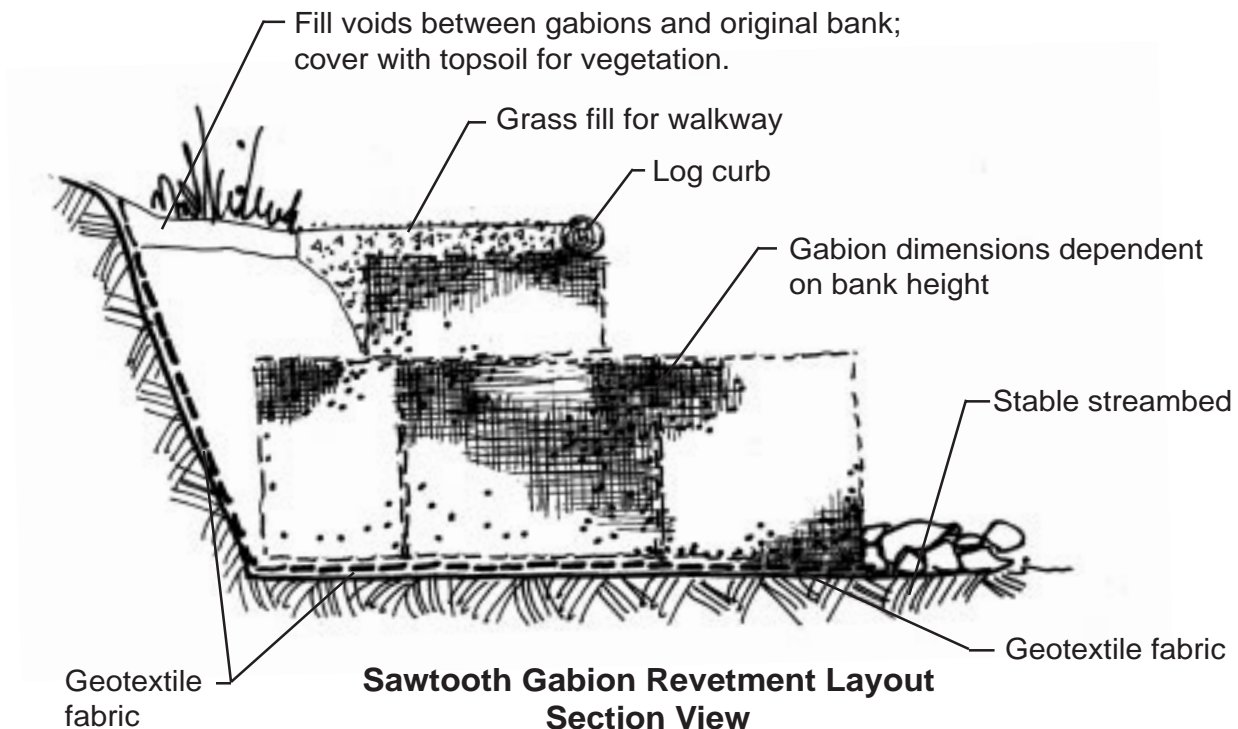
GABION REVETMENT

Additional Drawings:

Note: Place gravel and cobble fill in voids between gabions and bank.



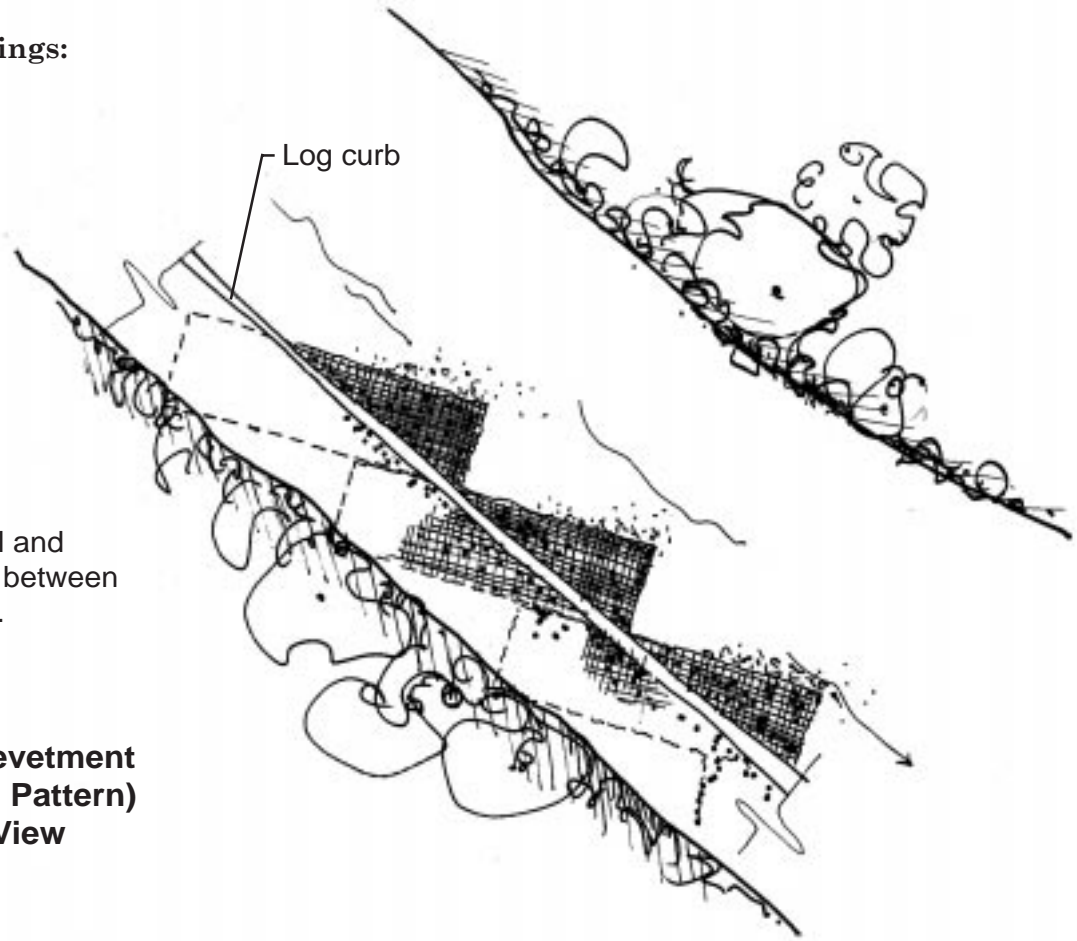
**Gabion Revetment
(Skiptooth Pattern)
Plan View**



**Sawtooth Gabion Revetment Layout
Section View**

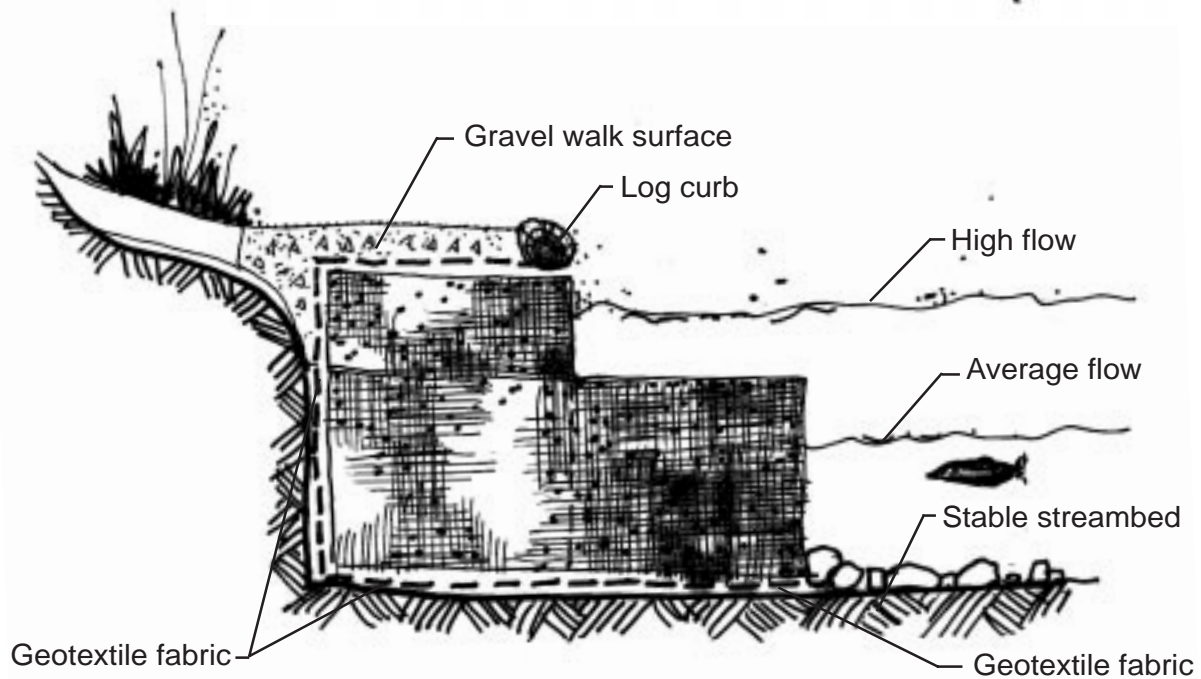
GABION REVETMENT

Additional Drawings:



Note: Place gravel and cobble fill in voids between gabions and bank.

**Gabion Revetment
(Sawtooth Pattern)
Plan View**



**Sawtooth Gabion Revetment Layout
Section View**