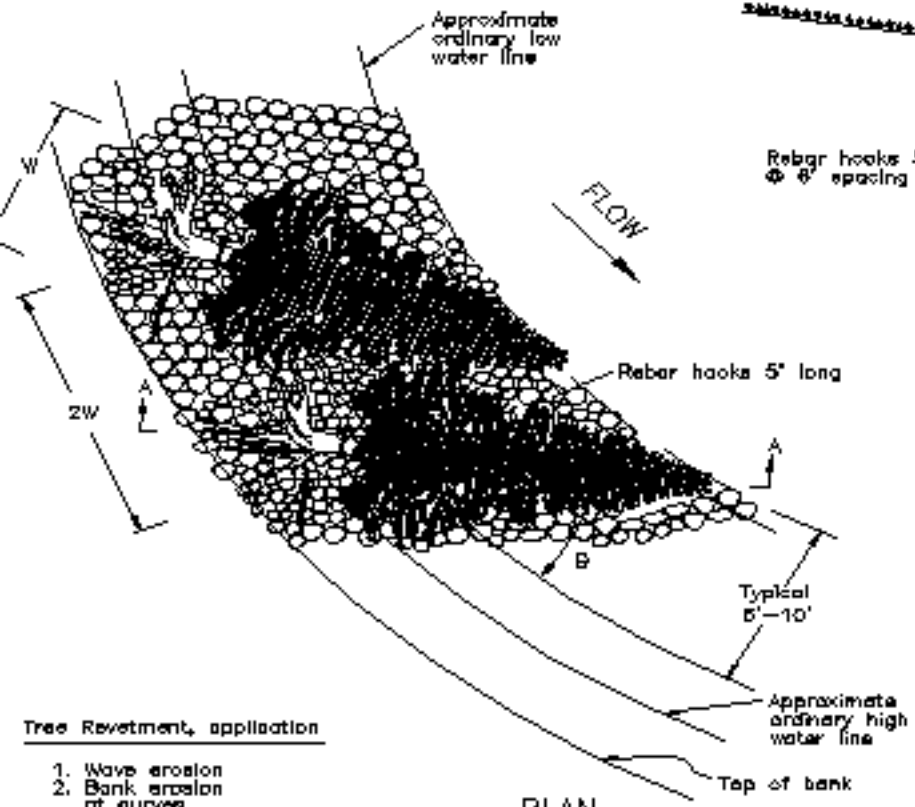
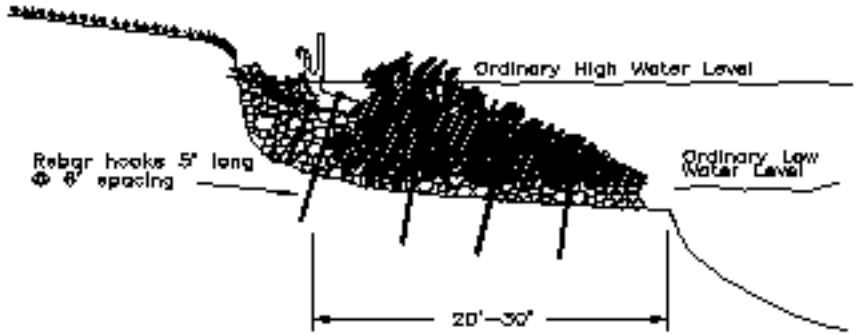


PLAN



SECTION A

Notes:

1. Use 20'–30' conifers with branches and root. Cable smaller trees together in clumps of two or three.
2. Place tree trunk such that roots project above ordinary high water line. Angle with bank (B) can vary from min. 15° to a max. of 45° depending on length of beaching slope and length of tree.
3. Install trees to overlap each other.
4. Root should be bedded firmly into bank. Place gravel and cobble fill along trunk at root to help prevent movement. Place gravel and cobble fill between tree trunks to protect exposed fine grained bank material.
5. Secure trunk with rebar hooks or cable to buried deadman in bank.
6. Begin and end revetment at stable bank points.

Tree Revetment, application

1. Wave erosion
2. Bank erosion at curves

Where erosion is not the result of bank seepage.

W = Width of root or lower branches

STREAMBANK PROTECTION	
TREE REVETMENT (WITH ROOT)	