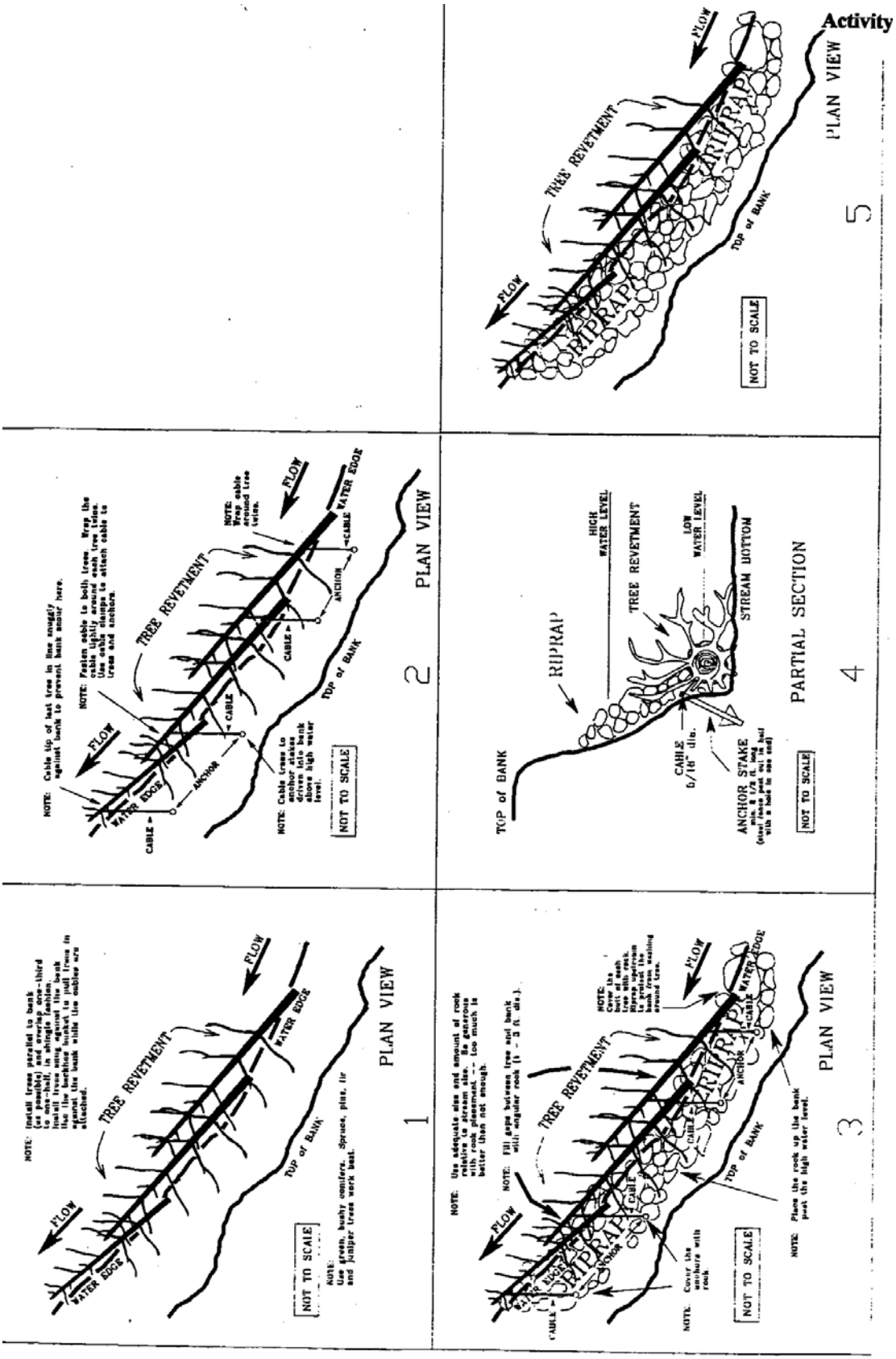
Activity
5
PLAN VIEW
TREE REVETMENT
RIPRAP
FLOW
TOP of BANK
NOT TO SCALE
4
PARTIAL SECTION
TREE REVETMENT
HIGH WATER LEVEL
LOW WATER LEVEL
STREAM BOTTOM
TOP of BANK
RIPRAP
CABLE 5/16" dia.
ANCHOR STAKE
NOT TO SCALE
2
PLAN VIEW
TREE REVETMENT
FLOW
WATER EDGE
CABLE
ANCHOR
TOP of BANK
NOTE: Cable tip of last tree in line snugly against bank to prevent bank water here.
NOTE: Fasten cable to both trees. Wrap the cable fully around each tree twice. Use cable clamps to attach cable to trees and anchors.
NOTE: Wrap cable around tree twice.
NOTE: Cable trees to anchor stakes driven into bank above high water level.
NOT TO SCALE
1
PLAN VIEW
TREE REVETMENT
FLOW
WATER EDGE
TOP of BANK
NOTE: Install trees parallel to bank (or possibly in a slight one-third to one-third angle downstream). Install trees using against the bank like the backhoe bucket to pull trees in against the bank while the cables are attached.
NOTE: Use green, bushy conifers. Spruce, pine, fir and juniper trees work best.
NOT TO SCALE
3
PLAN VIEW
TREE REVETMENT
RIPRAP
FLOW
WATER EDGE
CABLE
ANCHOR
TOP of BANK
NOTE: Use adequate size and amount of rock (minimum 1 cubic yard) for revetments with rock placement. -- too much is better than not enough.
NOTE: Fill gaps between tree and bank with angular rock (1 - 3 ft. dia.).
NOTE: Cover the butt of each tree with rock. Heavy rock at the bottom is protect the bank from washing around tree.
NOTE: Cover the anchors with rock.
NOTE: Place the rock up the bank past the high water level.
NOT TO SCALE