Place live cuttings and live clumps in excavated bank area before rock and backfill.

Stream Bank

20° - 30°

Flow

A

B

A

Hook Vane Plan

Backfill excavation with cobble and chink gaps

Flow

D

Rock Vane Section A

Live cuttings/clumps

≈1/3W

≈1/3W

≈1/3W

Section B

Notes: The rocks should be rectangular or nearly so at the rock to rock contact. The rock to rock contact should be solid. If rocks are not perfectly flat, the thicker end should be placed downstream.

Conceptual Plan - Not for Construction

NRCS

Natural Resources Conservation Service
United States Department of Agriculture

Hook Vane

J. Fripp, K. Gullet, Date

Designed K. Robinson 11/06

Drawing Name HookVane

J. Renteria 11/06

Checked

Approved

06/06/07

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