Fit rocks tightly together on side of vane

*Notes: Total drop not to exceed 6 inches for warm water fish species

Flow

Rock Vane Plan

Flow

Existing Stream Bed

~2.5'

Backfill excavation with cobble and chink gaps

Anticipated Scour Hole

Typical Rock Dimensions and Placement (stone sized to be stable at highest design discharge)

3' to 4'

3.5' to 5'

1.5' to 2'

Flow

Live cuttings/clumps

Live cuttings/clumps

Footer rocks should be ~50% larger than other

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. Fill gaps with smaller stones.

Conceptual Plan - Not for Construction