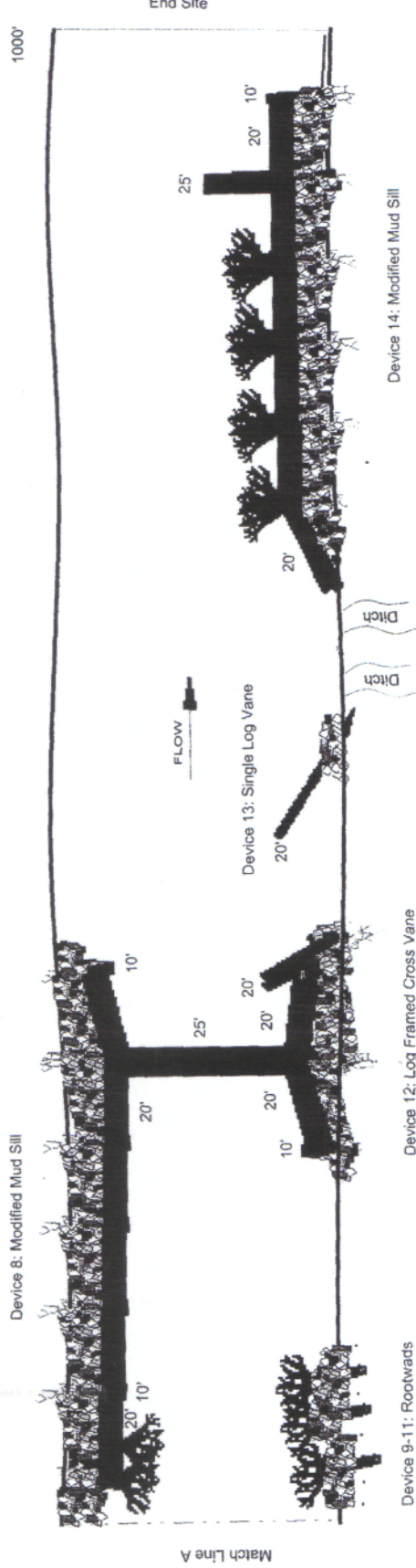
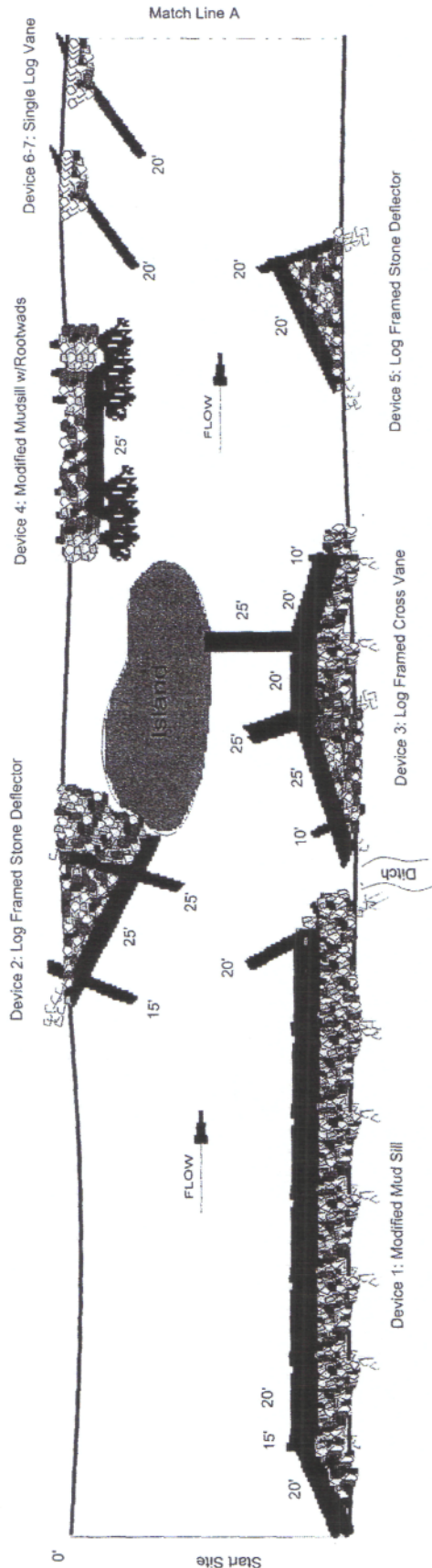


40.36701
79.13073

Section 1 and 2



Tubmill Creek Nelport Site, Westmoreland County

Western Pennsylvania Conservancy

Fish Habitat Improvement Plan

Stream Section, Habitat Management Division

Pennsylvania Fish & Boat Commission

Drawn By: Mark Sausser/Jacob Finkle

Date: 10-9-18

Not to Scale

All Measurements Approximate

PA 122

Tubmill Creek
Westmoreland County
Neiport Site

Logs 10' x 10-12" Dia.	13
Logs 15' x 10-12" Dia.	13
Logs 20' x 8-12" Dia.	60
Logs 25' x 8-12" Dia.	15
Logs 30' x 8-12" Dia.	0

Rootwads 10' stem attached to 4-5' rootball:

18

Stone:

12-24" Dia. 0

12-18" Dia. 200 Tons

3-6" Dia. 0

24-36" Dia. 0

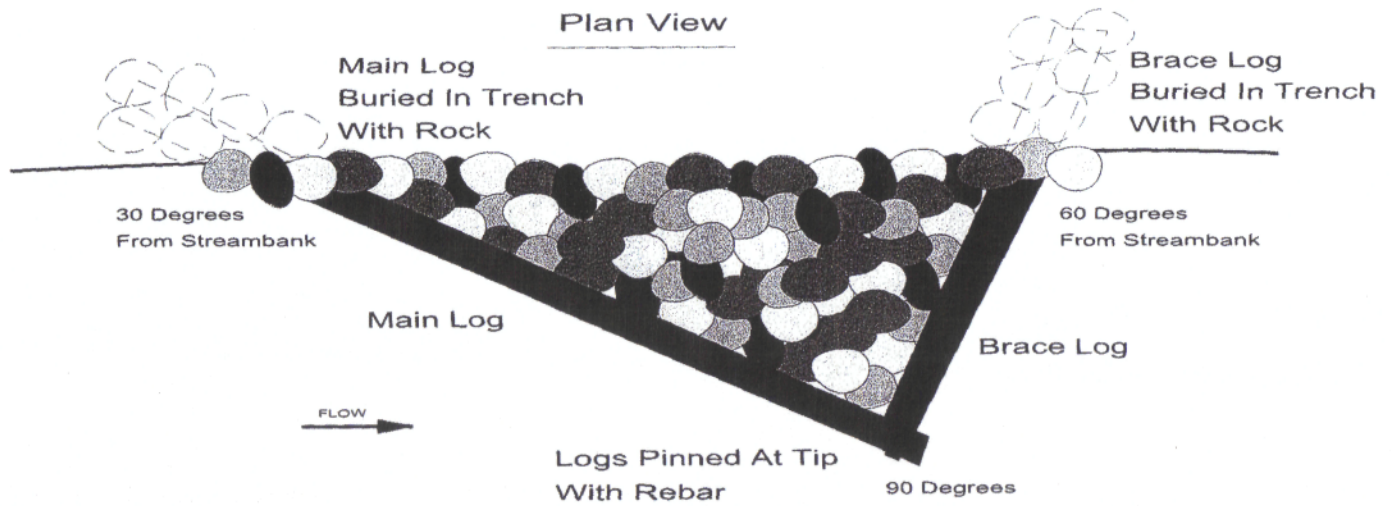
Geo Fabric: 6' x 100'

Rebar 4' 220

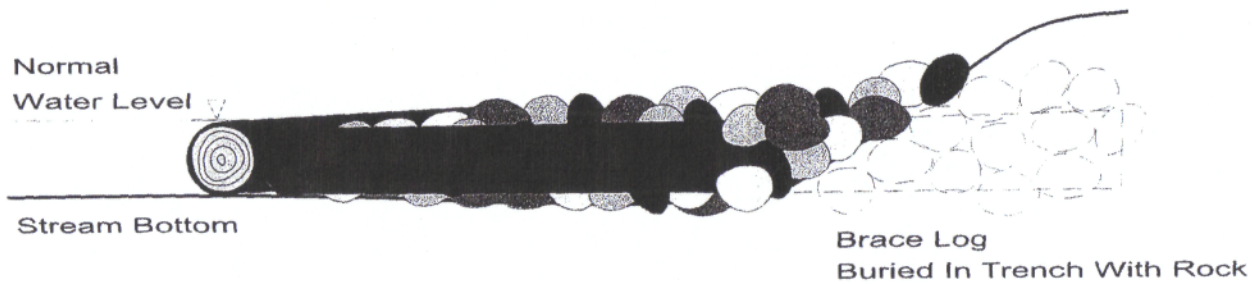
Rebar 2' 100

LOG FRAMED STONE DEFLECTOR

Plan View

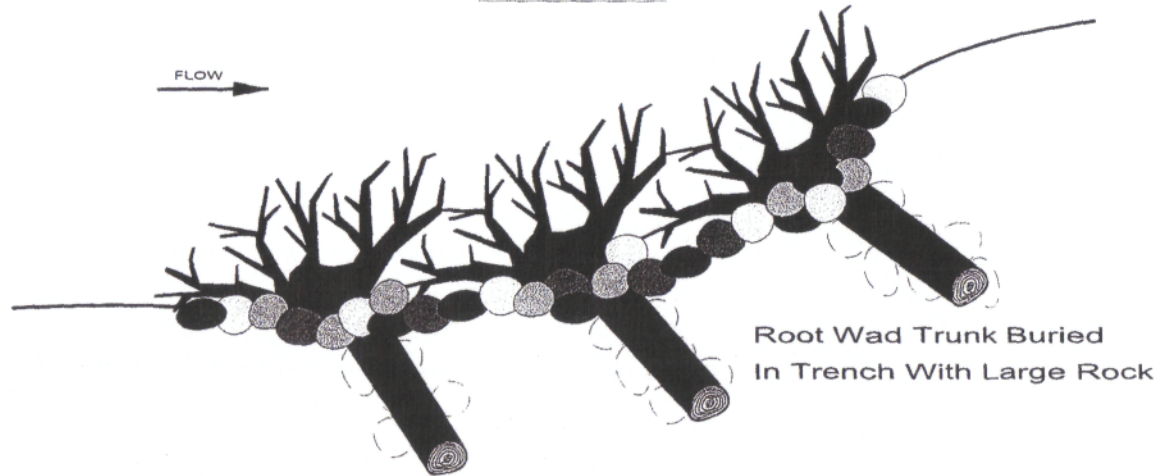


Section View



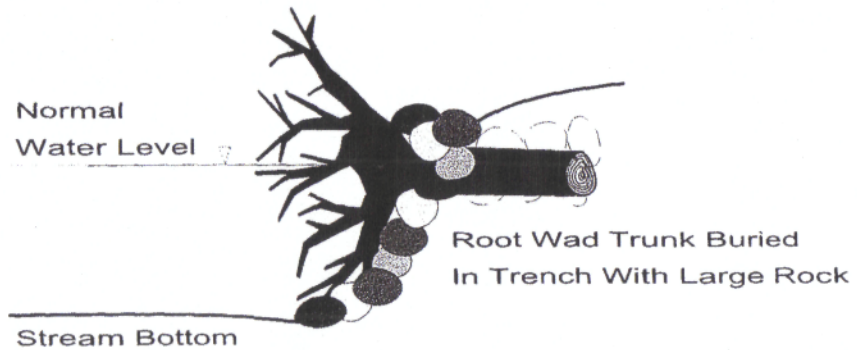
ROOT WAD DEFLECTOR

Plan View



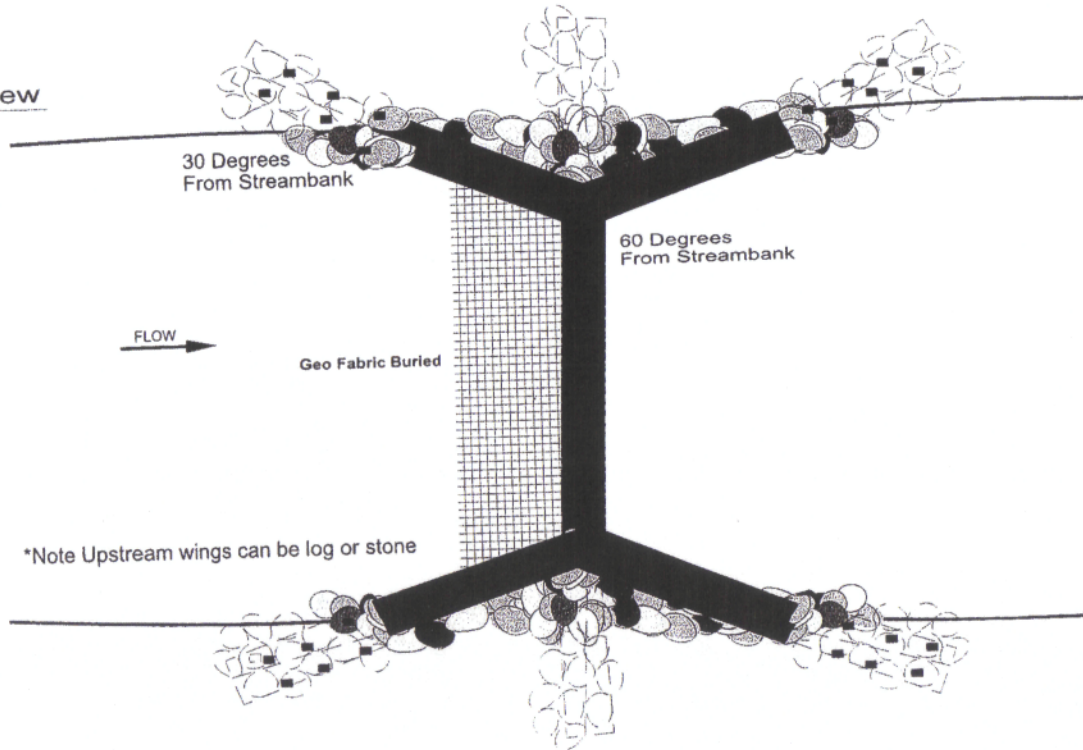
NOTE: Can be placed as a single deflector, or overlapping as shown.

Section View



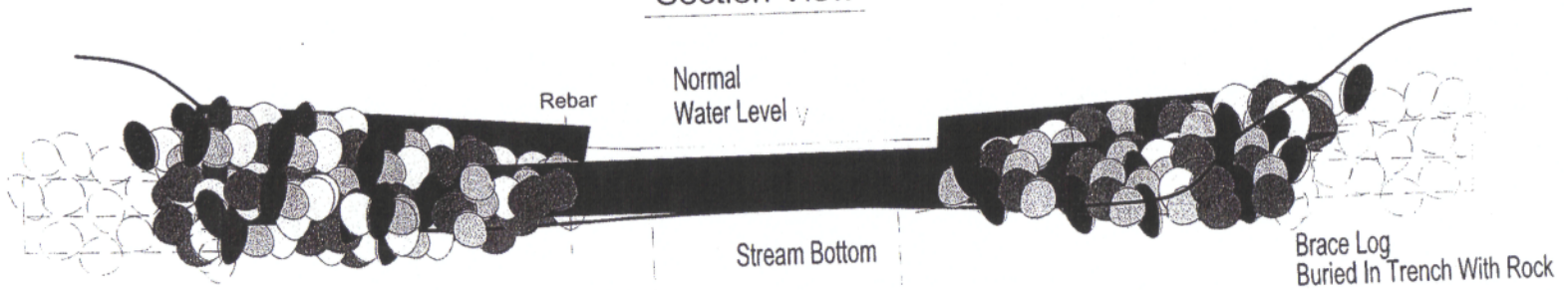
LOG FRAMED CROSS VANE

Plan View



*Note Upstream wings can be log or stone

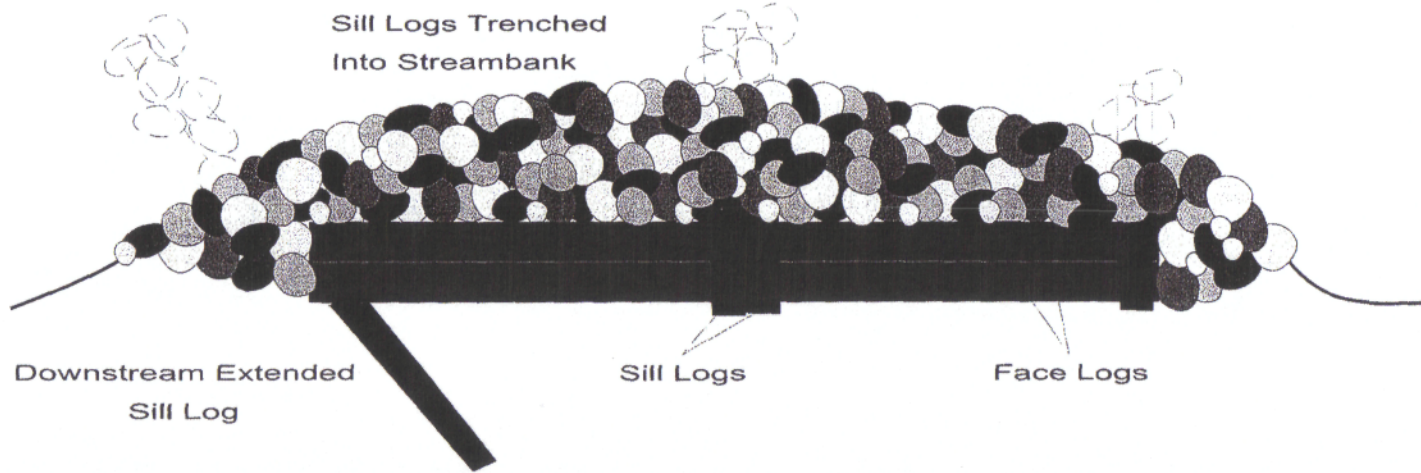
Section View



*4' Rebar is used to anchor logs to stream bottom and log to log
Rebar is placed every four feet

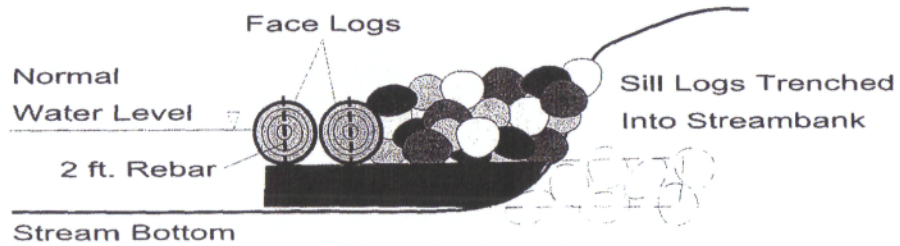
MODIFIED MUD SILL CRIBBING

Plan View



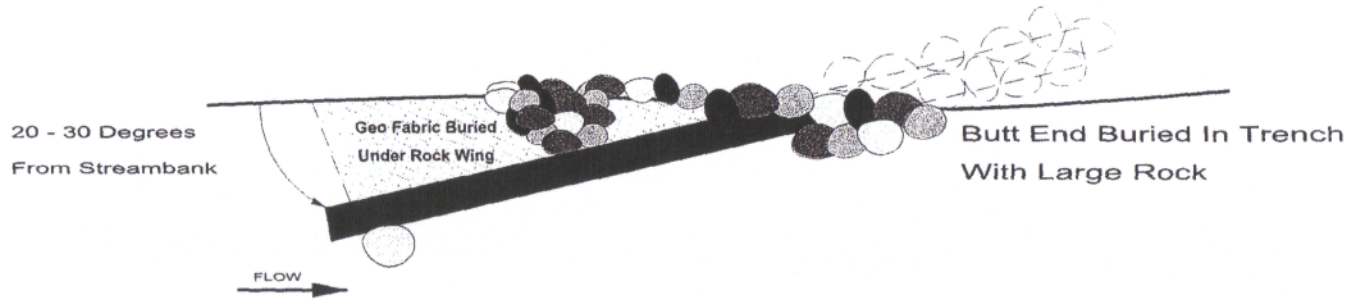
NOTE: Sill Logs Should Be Placed Every 15 ft.

Section View



SINGLE LOG VANE DEFLECTOR

Plan View



NOTE: Can place a large rock at tip as a brace.

Section View

