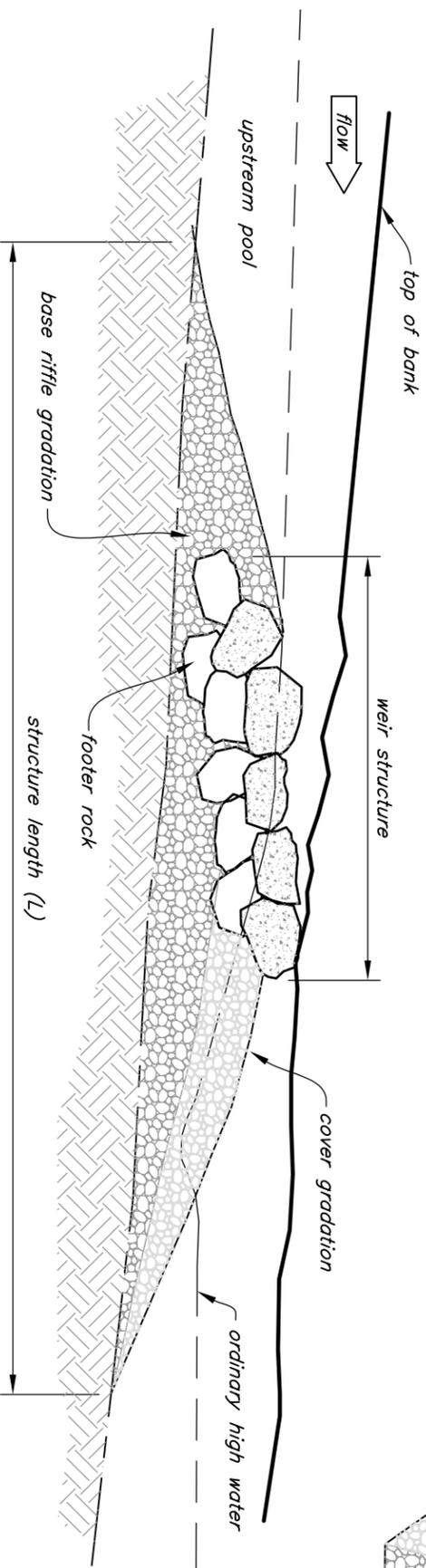
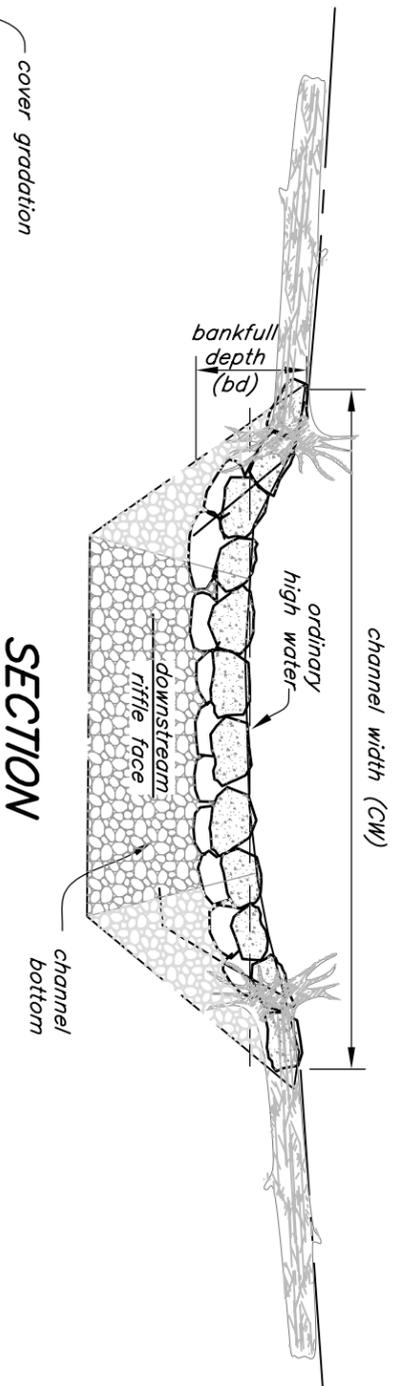


PLAN



PROFILE



SECTION

GEOMORPHIC RIFFLE WEIR SCHEDULE

STRUCTURE ID	STATION	WEIR ELEV.	WING ELEV.	CW	L	V ¹ Rock (cu.yds.)	V ² Gravel (cu.yds.)
GRW # 1	x+xx	xxxx.x	X	xx.x'	xxx.x'	xxx	xxx
GRW # 2	x+xx	xxxx.x	X	xx.x'	xxx.x'	xxx	xxx
GRW # 3	x+xx	xxxx.x	X	xx.x'	xxx.x'	xxx	xxx
GRW # 4	x+xx	xxxx.x	X	xx.x'	xxx.x'	xxx	xxx
GRW # 5	x+xx	xxxx.x	X	xx.x'	xxx.x'	xxx	xxx

**GEOMORPHIC RIFFLE WEIR APPLICATION FOR INCISED CHANNELS
POOL CONVERSION, GRADE CONTROL, FLOODPLAIN BACKWATERING
AND FISH HABITAT ENHANCEMENT**

Feature provides backwater to increase localized water table for hydric vegetation recovery on floodplain.

Weir crest invert set at ordinary high water elevation.

Constructed of rock, gravels, and large wood providing both fish passage and habitat.

This drawing requires supporting technical documentation prior to use and must be adapted to the specific site.

Drawing not to scale.



RIFFLE WEIR

STREAMBANK RESTORATION

Designed	_____	Date	_____
Drawn	NRCS OREGON		5/2006
Checked	_____		_____
Approved	_____		_____
Title	_____		_____