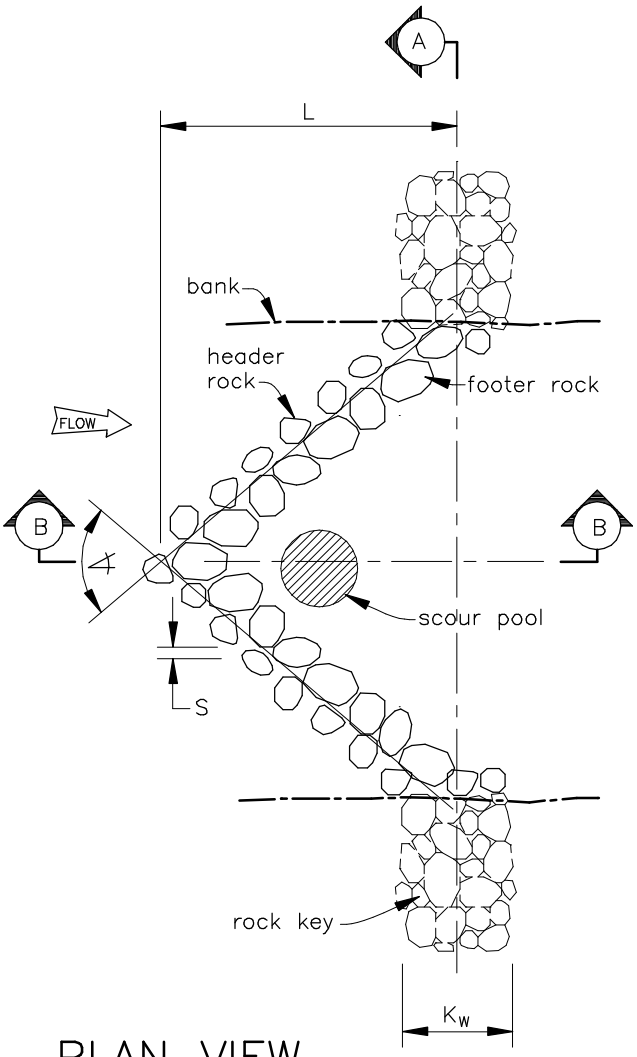
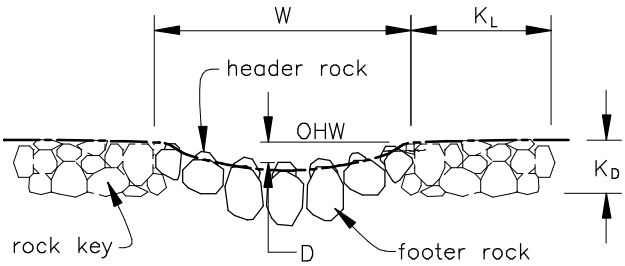
WASHINGTON STANDARD DRAWING	BIOENGINEERING BANK PROTECTION ANGLED VORTEX ROCK WEIR	STANDARD DRAWING NO. BIO–0050 APPROVED BY: LAJ DRAWN BY: KLY ISSUE DATE: 2/99

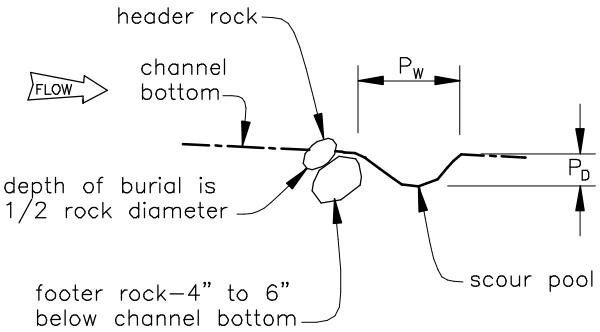


PLAN VIEW



Note: Scour pool is not shown in this view.

SECTION (A)



SECTION (B)

DIMENSIONS

∡ = _____ (deg)

L = _____ (ft)

W = _____ (ft)

D = _____ (ft)

K_L = _____ (ft)

K_W = _____ (ft)

K_D = _____ (ft)

S = _____ (ft)

P_W = _____ (ft)

P_D = _____ (ft)

ROCK KEY GRADATION

D_{100} = _____ min (in) _____ max (in)

D_{75} = _____ min (in) _____ max (in)

D_{50} = _____ min (in) _____ max (in)

D_{min} = _____ min (in) _____ max (in)

VORTEX WEIR ROCK DIAMETER

HEADER ROCK:

Dia = _____ min (in) _____ max (in)

FOOTER ROCK:

Dia = _____ min (in) _____ max (in)

GENERAL NOTES

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

drawing not to scale

	JOB CLASS	Designed _____ Date
	CAD FILE NO. BIO–0050.DWG	Drawn _____
	SHEET OF	Checked _____
U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE		Approved _____