WASHINGTON STANDARD DRAWING	BIOENGINEERING BANK PROTECTION BANK DEFLECTOR w/ROOTWAD	STANDARD DRAWING NO. BIO–0021 APPROVED BY: LAJ DRAWN BY: KLY ISSUE DATE: 2/99

ROCK 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)

DIMENSIONS

∡ = _____ (deg)

L = _____ (ft)

K (key) = _____ (ft)

W_K = _____ (ft)

W = _____ (ft)

B_W = _____ (ft)

H = _____ (ft)

D_A = _____ (ft)

D_B = _____ (ft)

X = _____

elev. A = _____

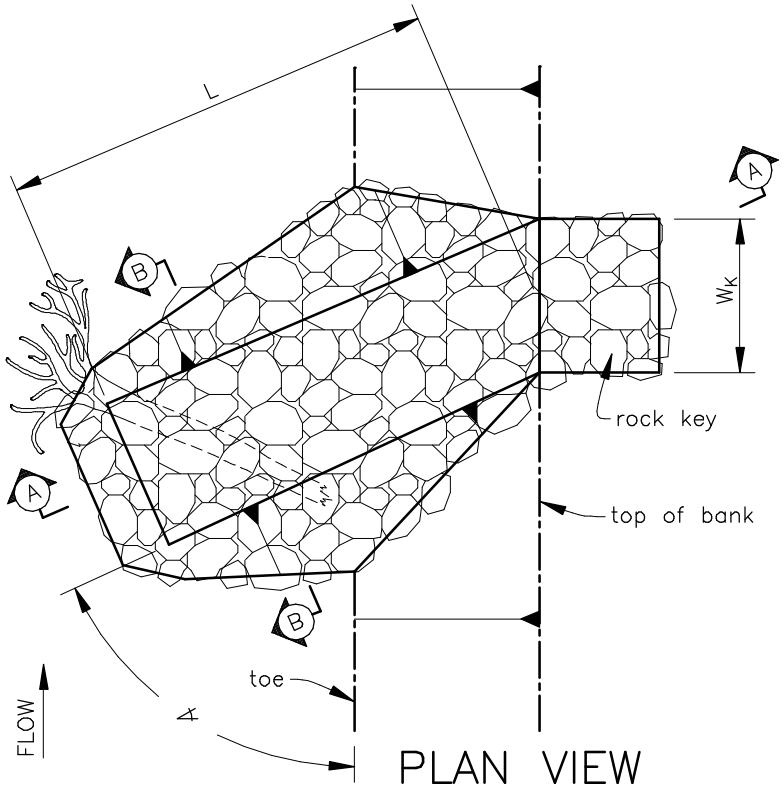
elev. B = _____

ROOTWAD

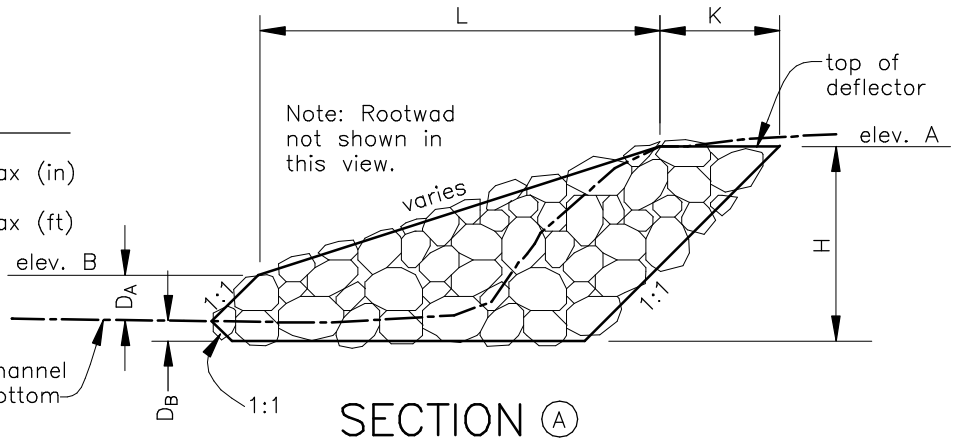
Species _____

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

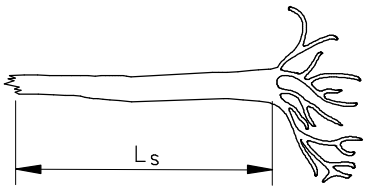
L_S = _____ min (ft) _____ max (ft)



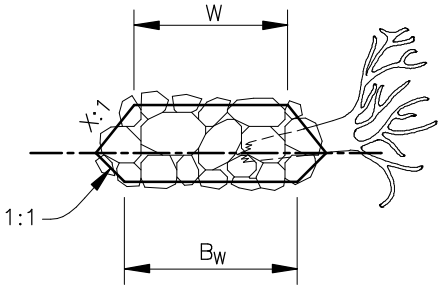
PLAN VIEW



SECTION (A)



ROOTWAD DETAIL



SECTION (B)

GENERAL NOTES

1. Rootwad shall be in contact with streambed and shall be embedded 2/3 length of the trunk into the deflector.
2. Rootwad shall extend beyond tip of deflector and shall be located on the downstream side of the deflector.
3. 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–0021.DWG	Drawn _____
	SHEET OF	Checked _____
U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE		Approved _____