

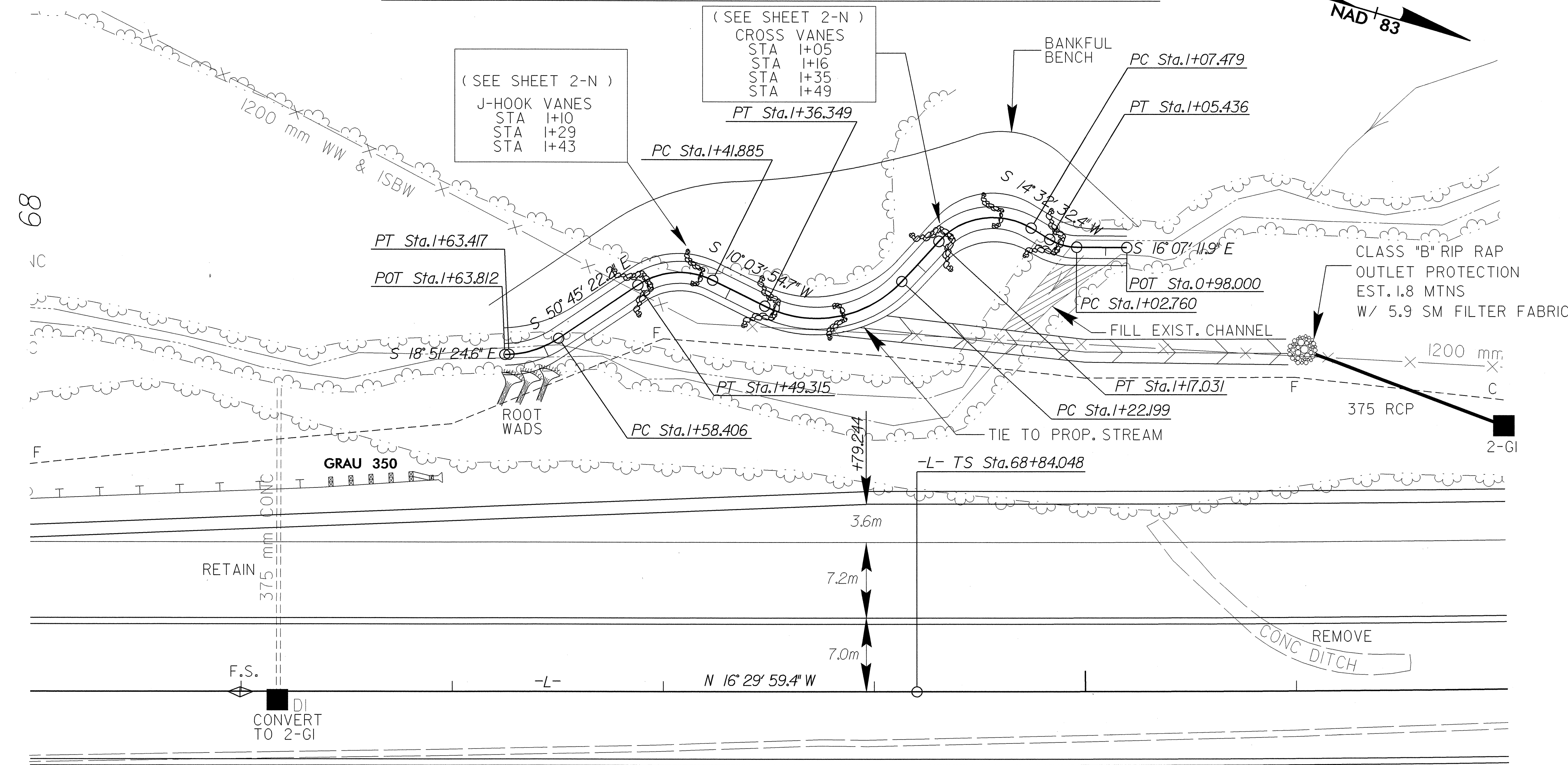
STREAM RESTORATION DETAILS

METRIC

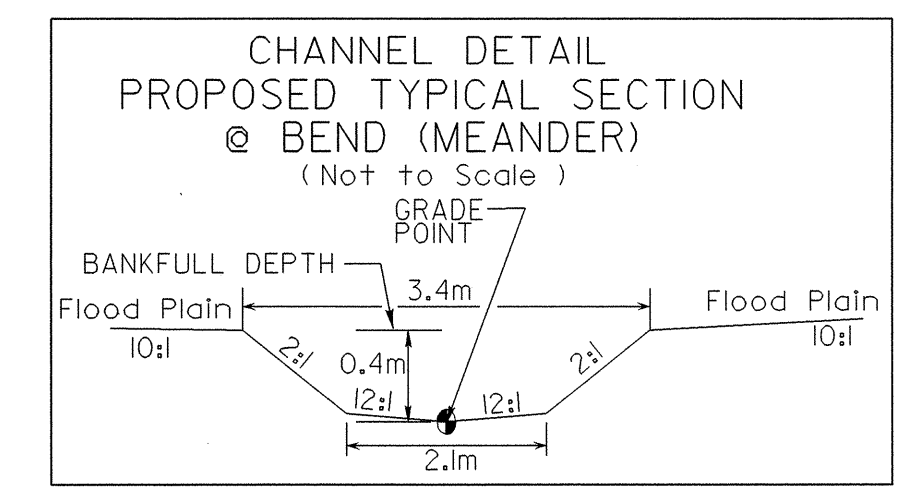
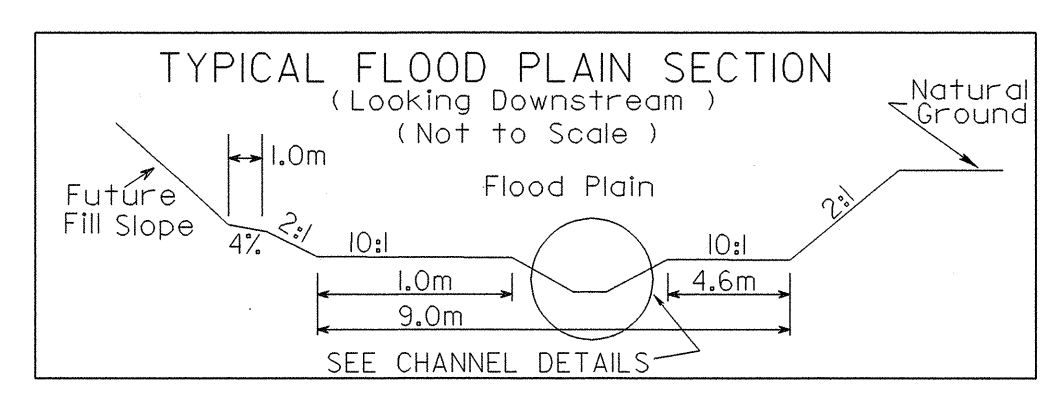
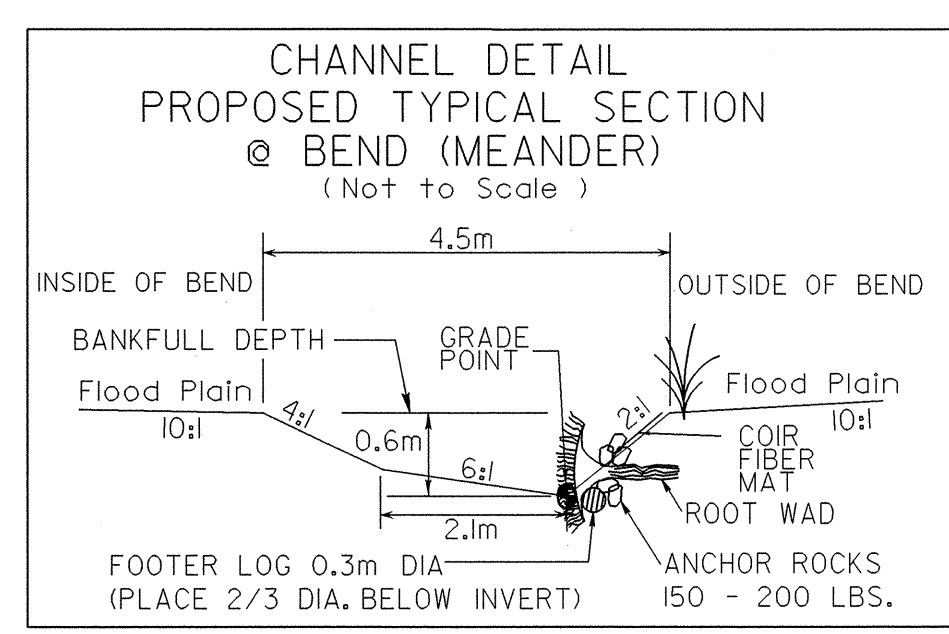
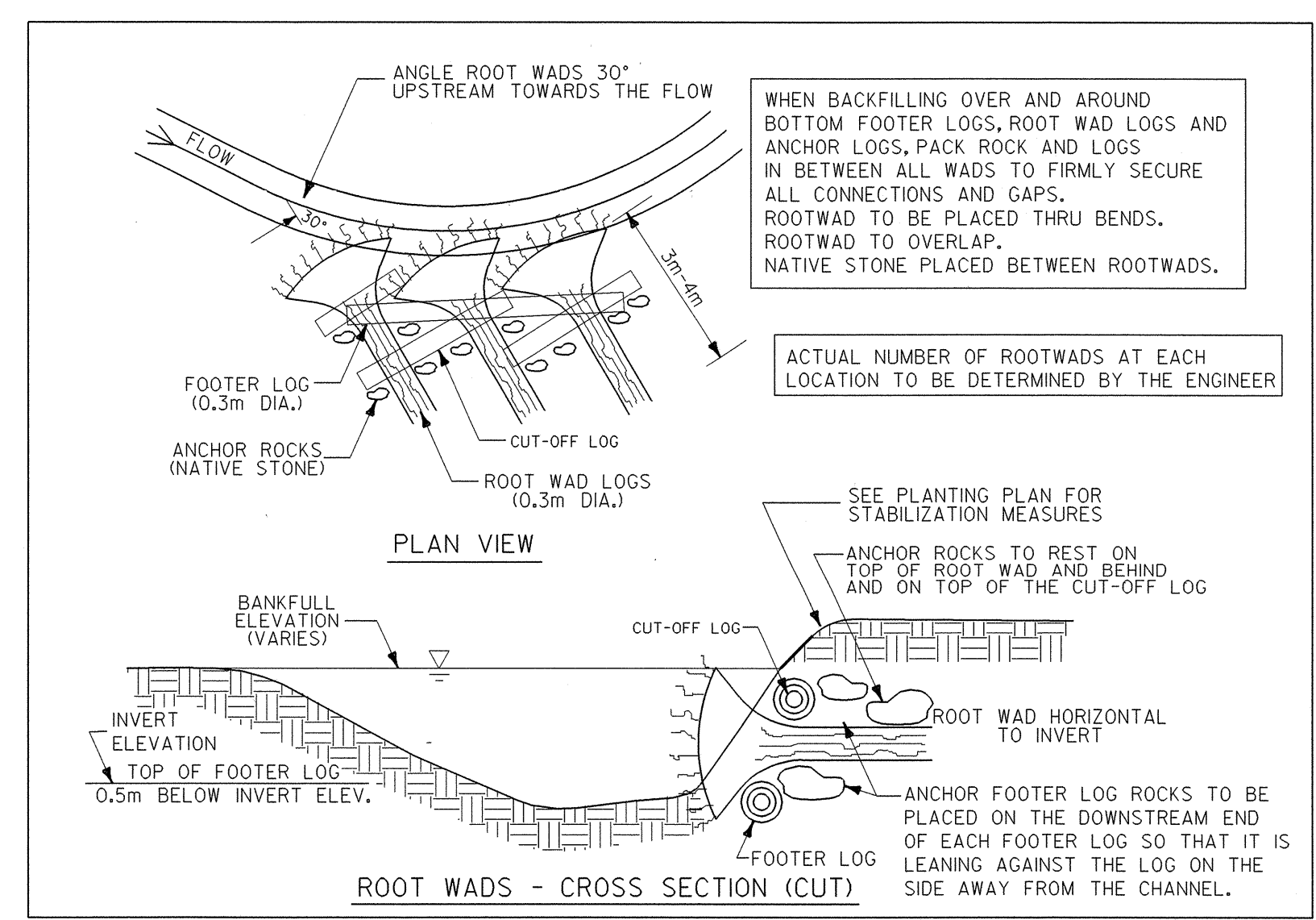
CONST. REV.
R/W REV.

PROJECT REFERENCE NO. R-2610A	SHEET NO. 2-J
R/W SHEET NO. 1.9-04	
ROADWAY DESIGN ENGINEER <i>Richard A. Broun</i>	HYDRAULICS ENGINEER <i>Steven M. Bond</i>
8-16-04	

SEE SHEET 34 FOR -L- PROFILE
SEE SHEET 49 FOR STREAM PROFILE
SEE SHEET 2-N FOR VANE DETAILS



-STREAM-	
PI Sta. 1+60.979 $\Delta = 31^{\circ} 53' 57.5''$ (RT) L = 5.011 T = 2.572 R = 9.000	PI Sta. 1+45.993 $\Delta = 60^{\circ} 49' 16.9''$ (LT) L = 7.431 T = 4.109 R = 7.000
-STREAM-	
PI Sta. 1+30.444 $\Delta = 73^{\circ} 42' 15.0''$ (RT) L = 14.150 T = 8.245 R = 11.000	PI Sta. 1+13.166 $\Delta = 78^{\circ} 10' 52.6''$ (LT) L = 9.552 T = 5.687 R = 7.000
-STREAM-	
PI Sta. 1+04.130 $\Delta = 30^{\circ} 39' 44.3''$ (RT) L = 2.676 T = 1.371 R = 5.000	



- (SEE EROSION CONTROL AND REFORESTATION PLANS)
NOTES:
1. NUMBER OF ROOTWADS INSTALLED TO BE DETERMINED ON SITE, ROOTWADS TO BE SPACED 4x DIAMETER OF ROOT BASE.
2. STABILIZE BANKS AND FLOODPLAIN WITH WOODY VEGETATION AND GRASS.

ESTIMATED 346 CM DDE FOR CHANNEL EXCAVATION
ESTIMATED 6 SM "COIR FIBER MAT" FOR CHANNEL EXCAVATION