

Date:	09-15-06
Scale:	AS SHOWN
Drawn by:	AJB
Checked by:	MM
NEE File #	06-2711
DEP #	
REVISIONS	DATE BY
REVISION # 1	11-13-06 AJB
REVISION # 2	04-09-07 AJB

ALTERNATE PLAN
BIOENGINEERING TREATMENT
RIVER BANK RESTORATION
CROSS-SECTIONS
CONNECTICUT RIVER

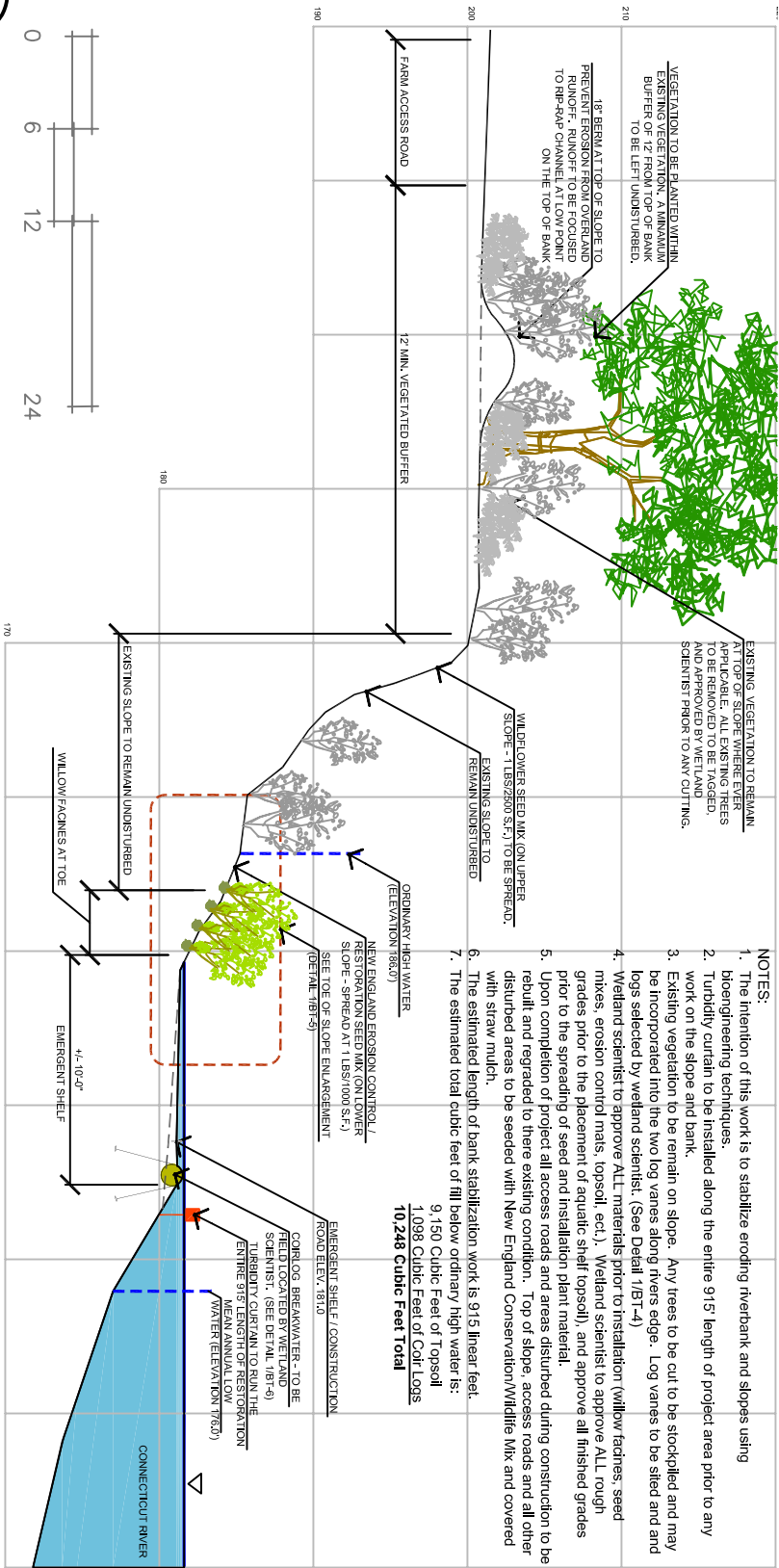


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1 TYPICAL CONNECTICUT RIVER BANK RESTORATION TREATMENT
BT-2 SCALE 1" = 12'-0"



EXISTING VEGETATION TO REMAIN AT TOP OF SLOPE WHERE EVER APPLICABLE. ALL EXISTING TREES TO BE REMOVED TO BE TAGGED AND APPROVED BY WETLAND SCIENTIST PRIOR TO ANY CUTTING.

- NOTES:
- The intention of this work is to stabilize eroding riverbank and slopes using bioengineering techniques.
 - Turbidity curtain to be installed along the entire 915' length of project area prior to any work on the slope and bank.
 - Existing vegetation to be remain on slope. Any trees to be cut to be stockpiled and may be incorporated into the two log vanes along rivers edge. Log vanes to be siled and and logs selected by wetland scientist. (See Detail 7/81-4)
 - Wetland scientist to approve ALL materials prior to installation (willow fascines, seed mixes, erosion control mats, topsoil, etc.). Wetland scientist to approve ALL rough grades prior to the placement of aquatic shelf topsoil, and approve all finished grades prior to the spreading of seed and installation plant material.
 - Upon completion of project all access roads and areas disturbed during construction to be rebuilt and regraded to there existing condition. Top of slope, access roads and all other disturbed areas to be seeded with New England Conservation/Wildlife Mix and covered with straw mulch.
 - The estimated length of bank stabilization work is 915 linear feet.
 - The estimated total cubic feet of fill below ordinary high water is:
9,150 Cubic Feet of Topsoil
1,098 Cubic Feet of Coir Logs
10,248 Cubic Feet Total

CROSS SECTION