PROJECT REFERENCE NO.	SHEET NO.
U-2734	2-H
R /W SHEET NO.	

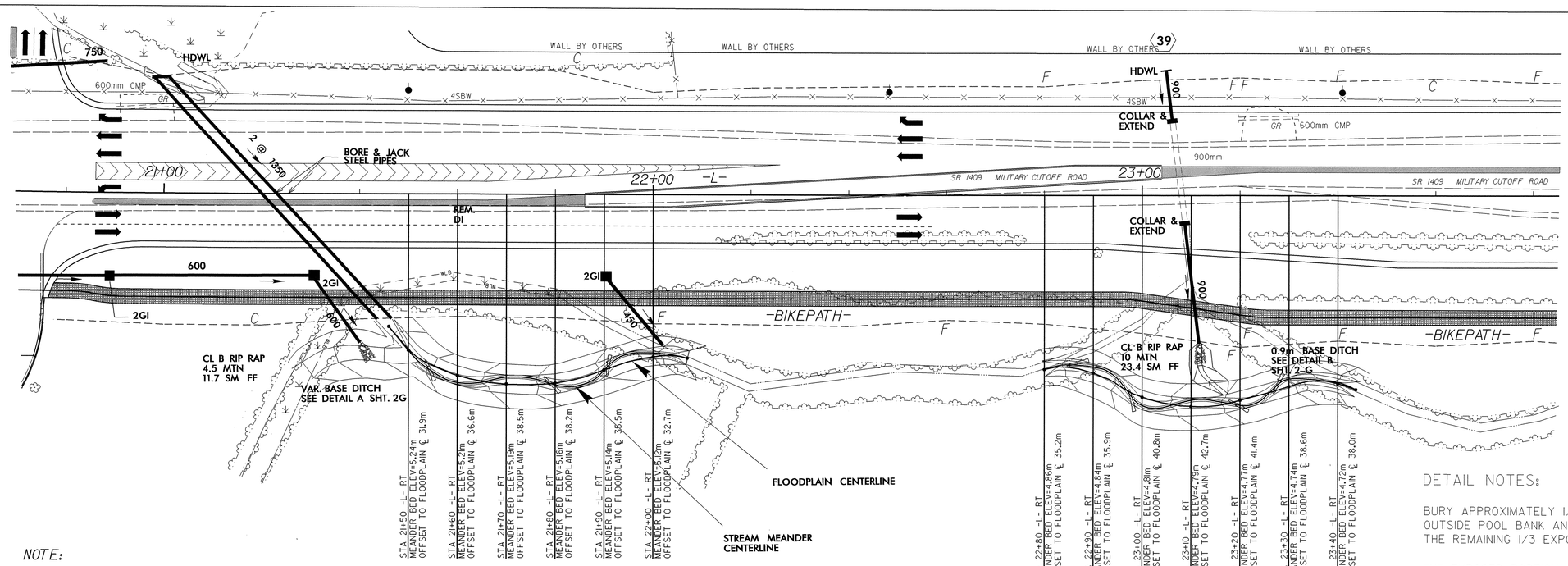
METRIC

5 0 10

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 022000 ENGINEER

3/20/07



NOTE:

THE MAIN (FLOODPLAIN) CHANNEL HAS A MEANDERING CHANNEL BETWEEN IT'S BANKS. DISTANCE BETWEEN THE BENDS (RADIUS) IN THE MEANDERING CHANNEL VARY FROM 9.1m TO 12.2m.

BEGIN & END STREAM ELEVATIONS SHOULD BE CHECKED PRIOR TO CONSTRUCTION TO ENSURE PROPOSED STREAM GRADE (AND ELEVATIONS) ARE ACCURATE. ELEVATIONS MAY VARY FROM PRIOR SURVEYS.

DETAIL NOTES:

BURY APPROXIMATELY 1/3 OF LOG VANE LENGTH IN THE OUTSIDE POOL BANK AND 1/3 IN THE STREAM BED, WITH THE REMAINING 1/3 EXPOSED.

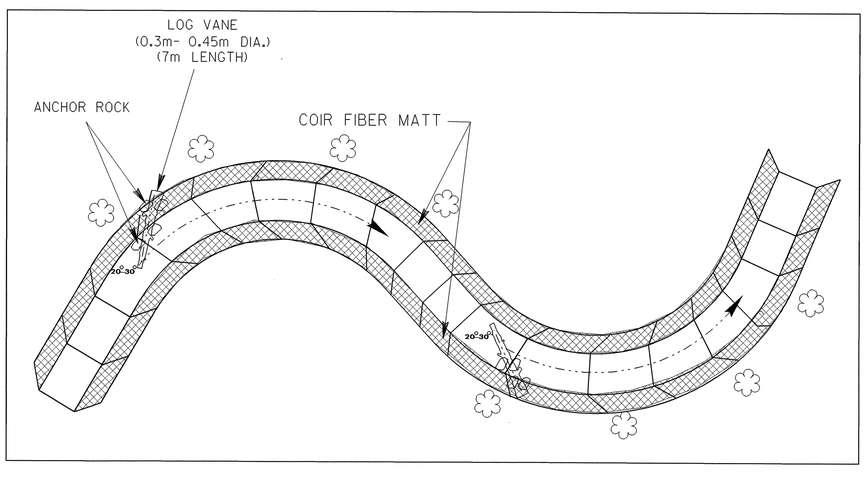
THE EXPOSED PORTION OF LOG VANE SHOULD BE APPROXIMATELY HALF OF THE BANKFULL WIDTH

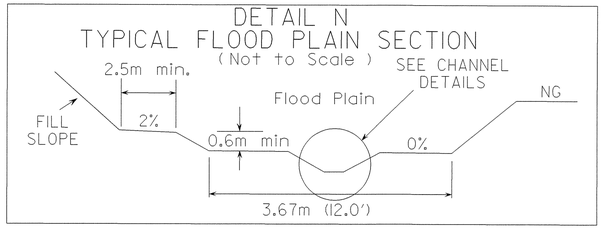
WHEN BACKFILLING OVER AND AROUND LOG VANES AND ANCHOR ROCKS FIRMLY SECURE ALL COMPONENTS INCLUDING JOINTS, CONNECTIONS AND GAPS.

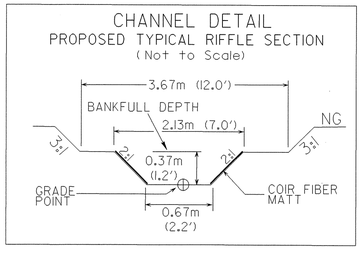
PLANTINGS SHOULD BE PLACED ABOVE BANKFULL DEPTH

MIN. LOG VANE DIA = 0.3m. UTILIZE LOGS AT SITE.

USE ANCHOR ROCK APPROXIMATELY 100 - 200 LBS.

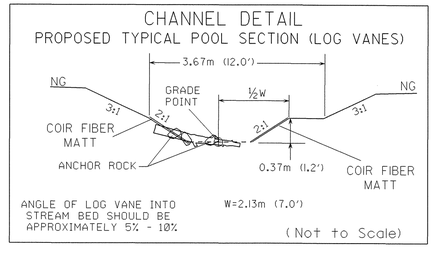




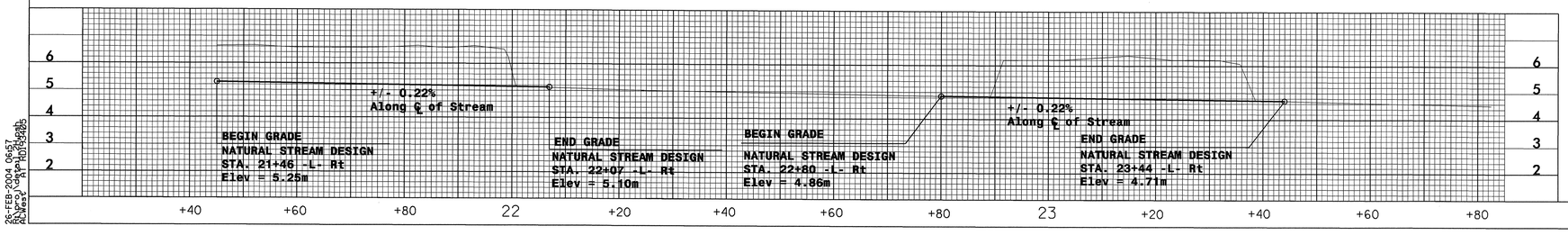


TYPICAL SECTION BETWEEN BENDS

DETAILS OF NATURAL STREAM DESIGN FROM STA 21+46 TO -L- STA 22+07 -L- (RT) & FROM STA 22+80 TO STA 23+44 -L- (RT)



TYPICAL SECTION AT BENDS



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