

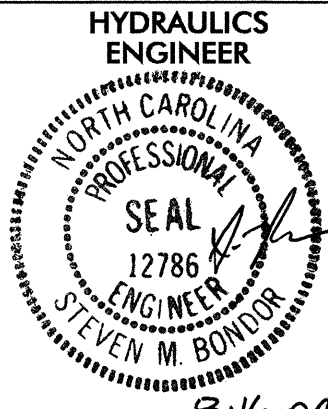
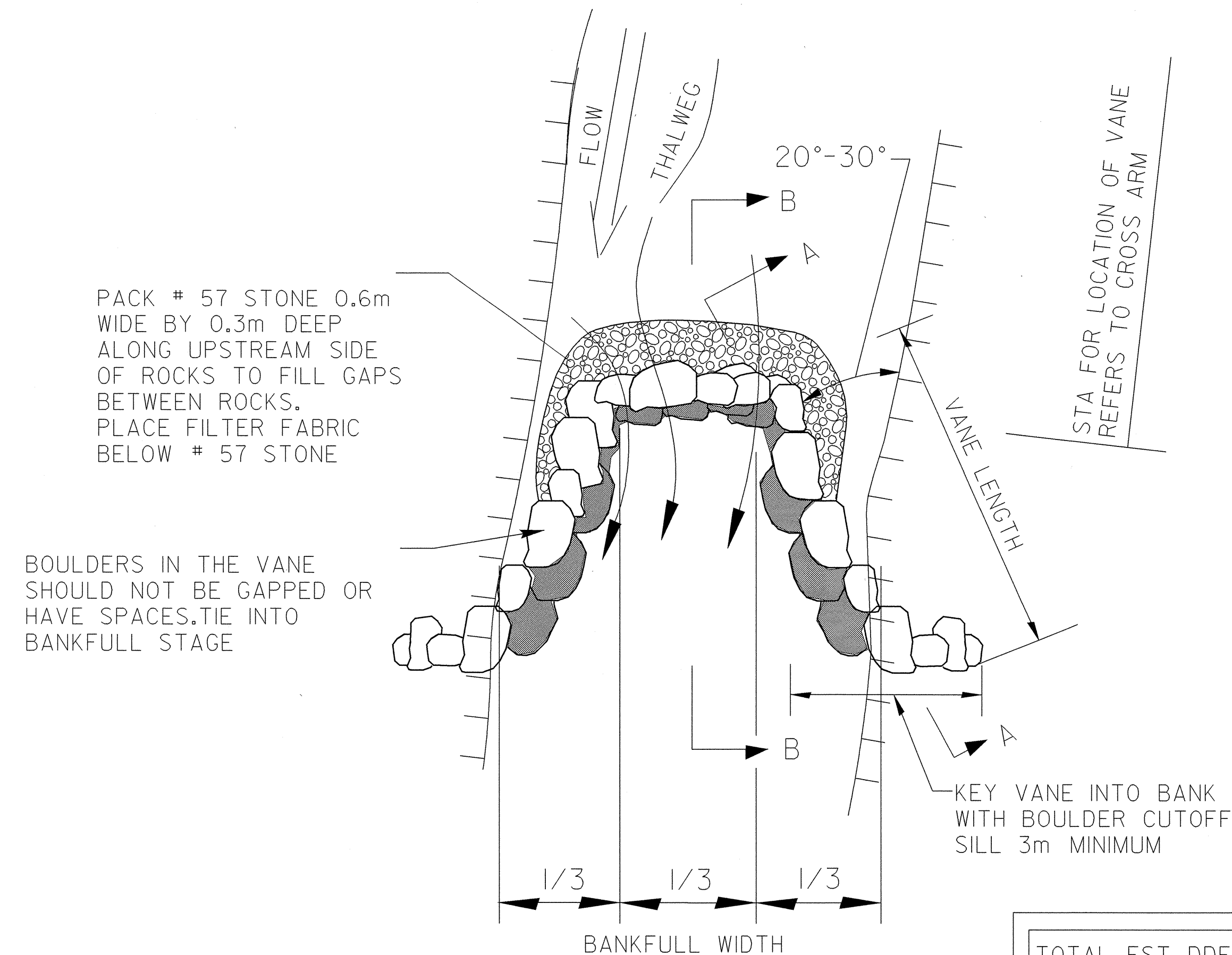


8/17/04

VANE DETAILS

	PROJECT REFERENCE NO.	SHEET NO.
	R-2610A	2-N
	R/W SHEET NO.	
	HYDRAULICS ENGINEER	
CONST. REV.		
R/W REV.	8.16.04	

SEE SHEET 2-J FOR STREAM RESTORATION DETAILS

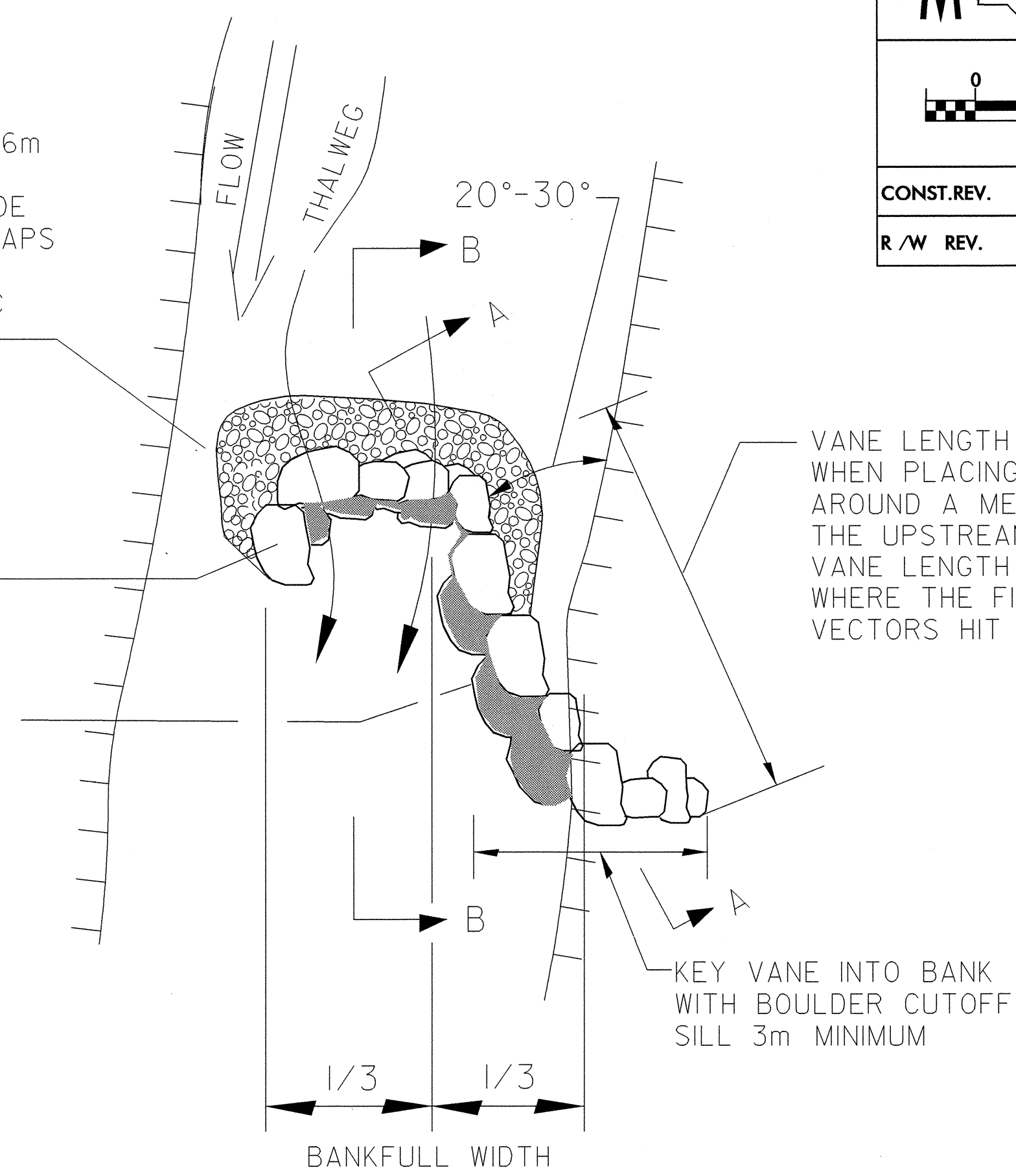


CROSS VANE - PLAN VIEW

PACK # 57 STONE 0.6m LONG BY 0.3m DEEP ALONG UPSTREAM SIDE OF ROCKS TO FILL GAPS BETWEEN ROCKS. PLACE FILTER FABRIC BELOW # 57 STONE.

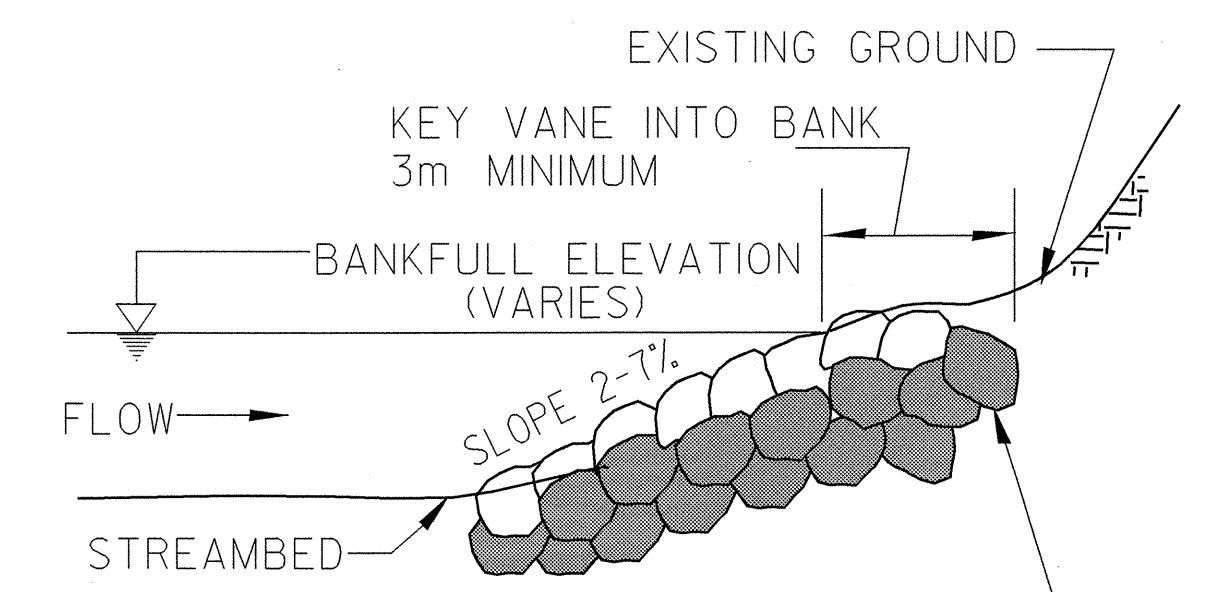
BOULDERS IN THE VANE SHOULD NOT BE GAPPED OR HAVE SPACES. TIE INTO BANKFULL STAGE

FOOTER BOULDERS

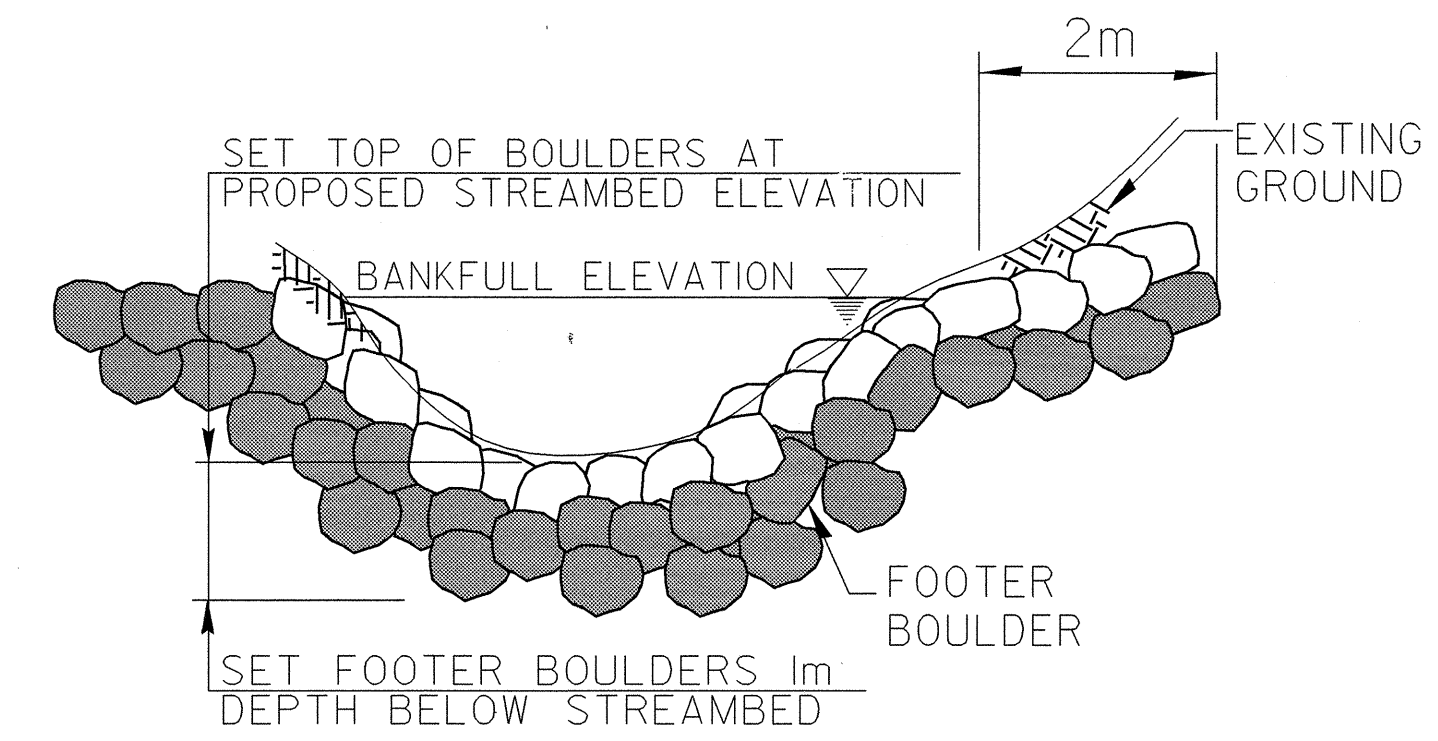


J- HOOK VANE - PLAN VIEW

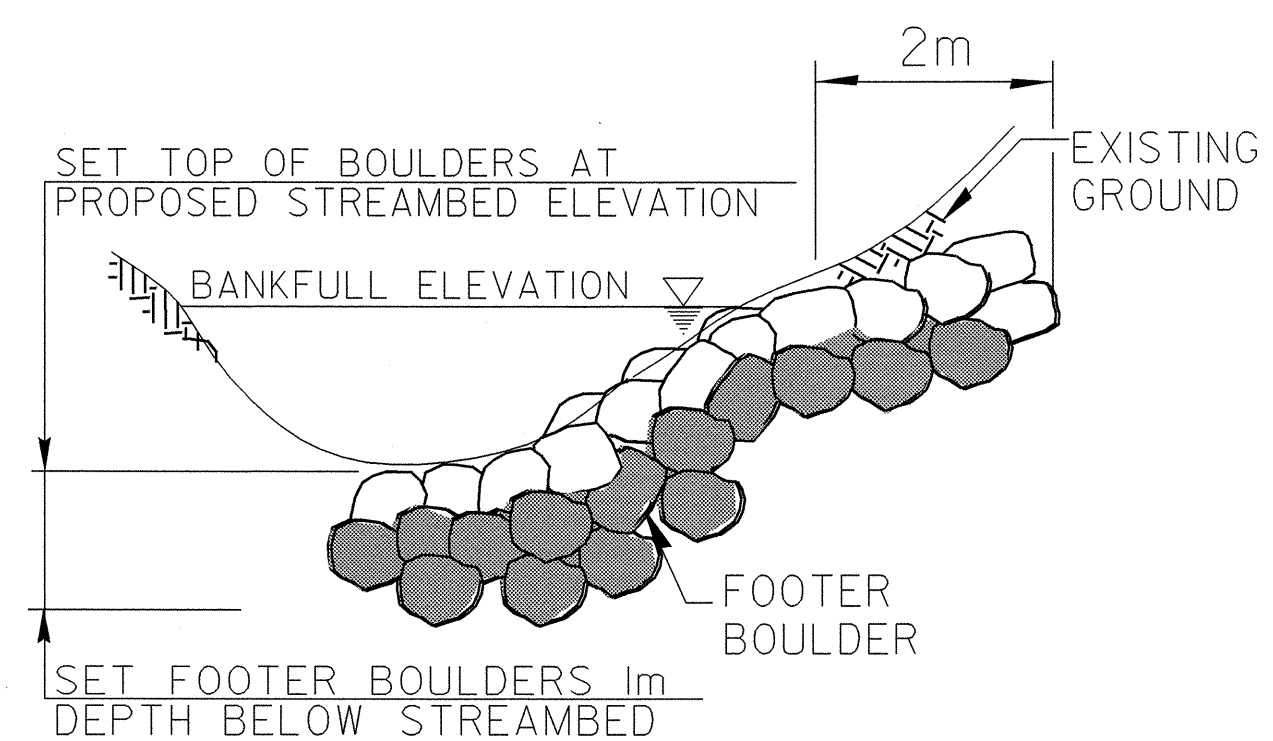
TOTAL EST DDE = 7.2 CM FOR ALL CROSS VANES CONSTRUCTION
 TOTAL EST DDE = 3.6 CM FOR ALL J-HOOK CONSTRUCTION
 TOTAL #57 STONE EST = 13 MTN FOR ALL CROSS VANES AND J-HOOK CONSTRUCTION
 TOTAL EST 16.1SM FILTER FABRIC FOR ALL CROSS VANES AND J-HOOK CONSTRUCTION
 TOTAL EST 148 MTN FOR BOULDERS FOR ALL CROSS VANES AND J-HOOK CONSTRUCTION



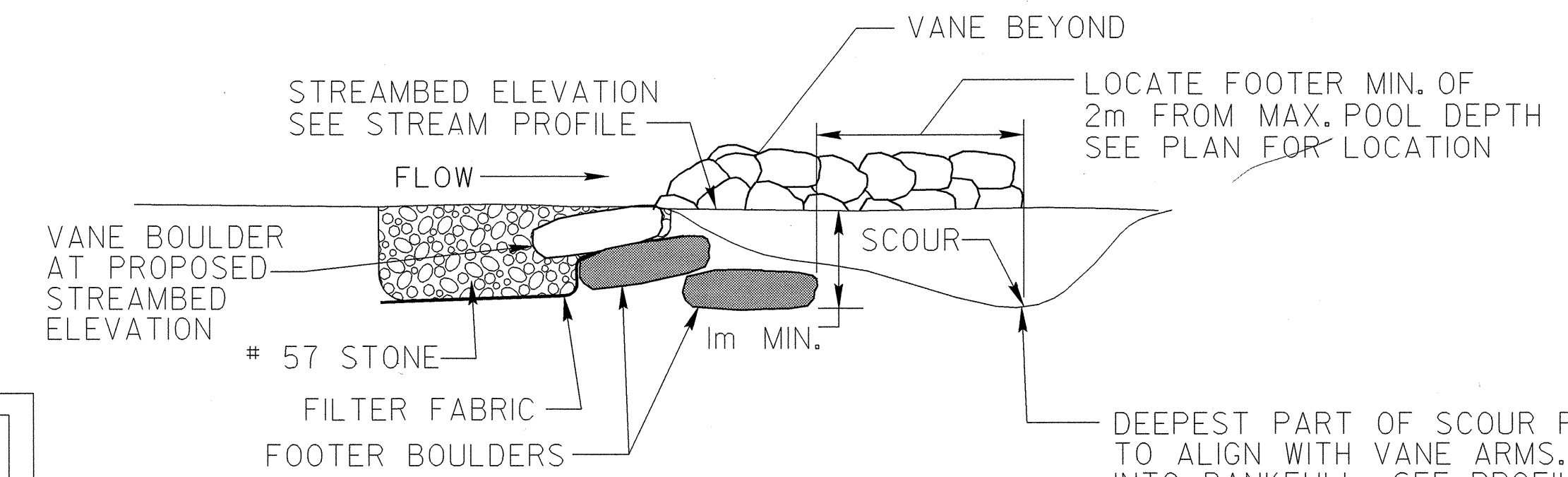
SECTION A-A



CROSS VANE CHANNEL CROSS SECTION VIEW



J - HOOK VANE CHANNEL CROSS SECTION VIEW



SECTION B-B

DEEPEST PART OF SCOUR POOL TO ALIGN WITH VANE ARMS. TIE INTO BANKFULL. SEE PROFILE FOR POOL LOCATIONS.

NOTE: ALL BOULDERS TO BE MINIMUM VOLUME OF 1/3 CUBIC METER AND SHALL BE ANGULAR, FLAT, WITH THE LARGEST AXIS 3 TIMES THE LENGTH OF THE SMALLEST AXIS TO RESIST ROLLING. BOULDERS SHALL BE CLEAN AND FREE OF SEDIMENT

08-JUL-2004 14:34
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