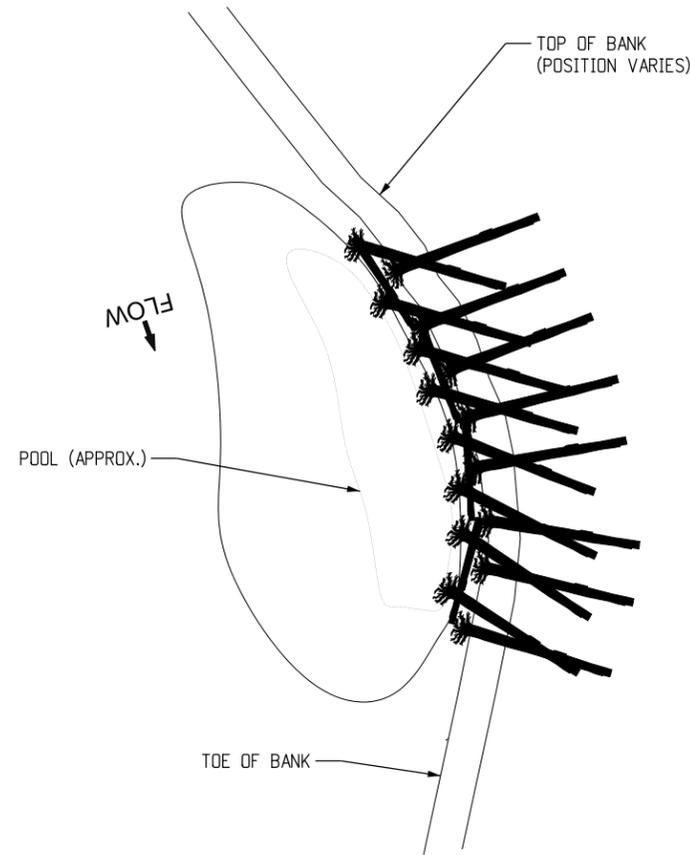
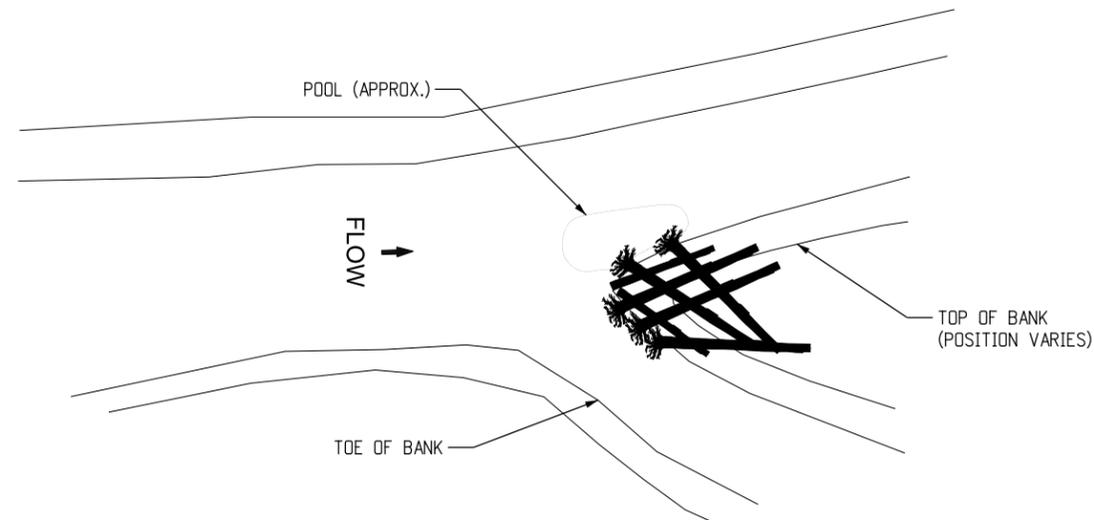


NOTE:
 DETAILS AND DIMENSIONS TO BE REFINED FOR FUTURE SUBMITTAL



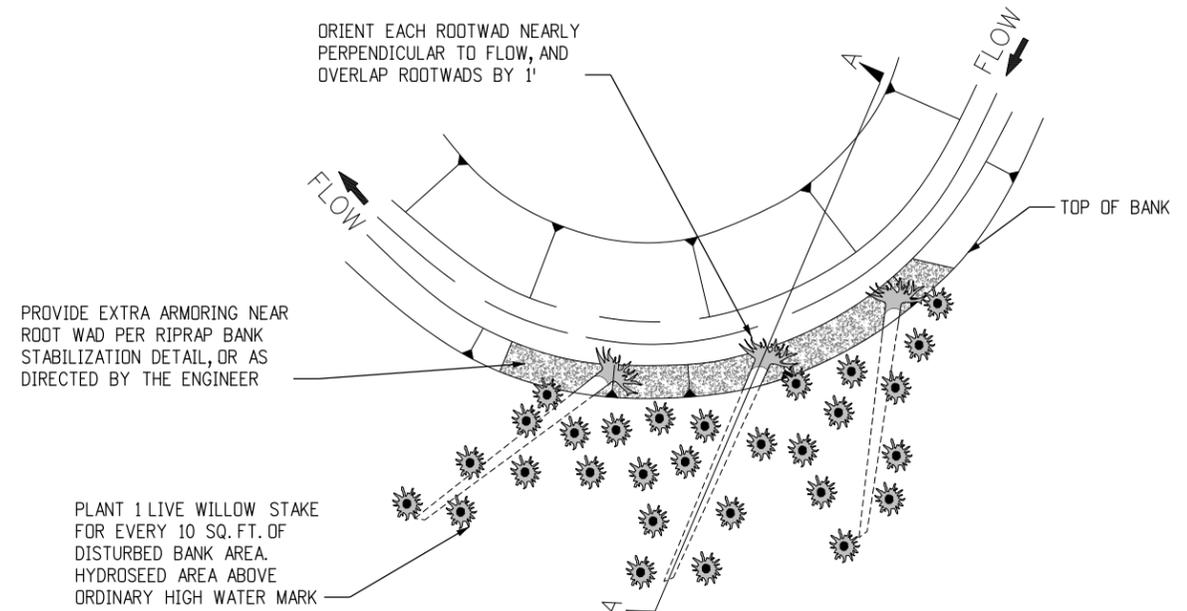
TYPICAL LOG BANK REVETMENT

Not to Scale



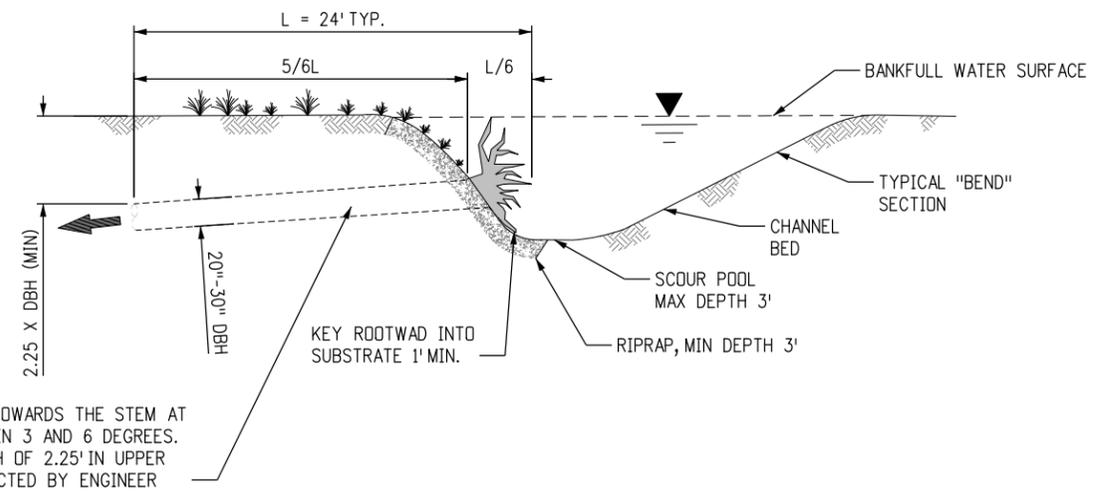
TYPICAL LOG SPLIT FLOW TREATMENT

Not to Scale



ROOTWAD PLAN VIEW

Not to Scale



**ROOTWAD
 (CROSS SECTION A-A)**

Not to Scale

rebecca.ryan 8:29:26 AM \\DEN-FS1\5007-Projects\Project\3279\3279-JamesCreek30-Design and Sheet Files\Details\10_DES_Drainage Details(1of2).dgn

30%



**CALL UTILITY NOTIFICATION
 CENTER OF COLORADO**
 CALL 2-BUSINESS DAYS IN ADVANCE
 BEFORE YOU DIG, GRADE, OR EXCAVATE
 FOR THE MARKING OF UNDERGROUND
 MEMBER UTILITIES

REVISIONS:	NO.	DATE	REVISION DESCRIPTION:



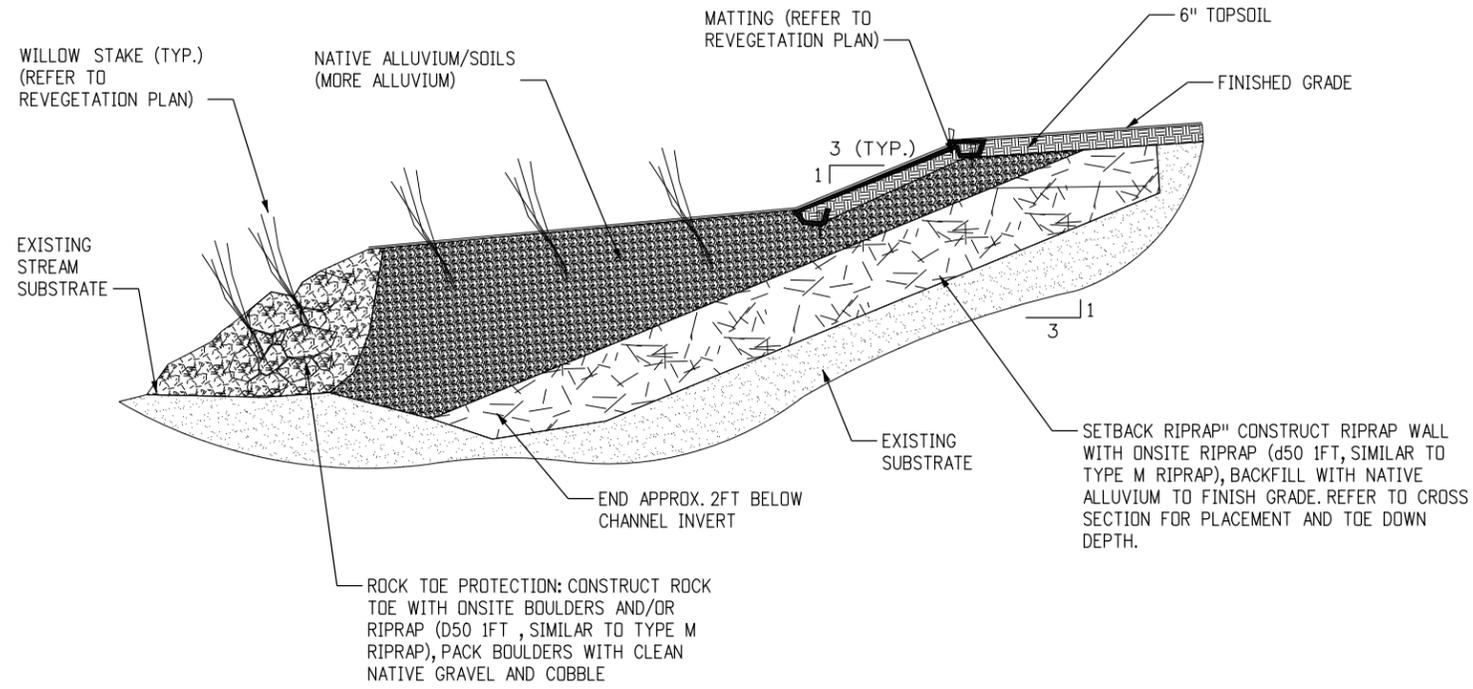
LEFTHAND WATERSHED OVERSIGHT GROUP



DESIGNED: RLR	CAD: RLR	CHECKED:	DATE: 5/12/2016
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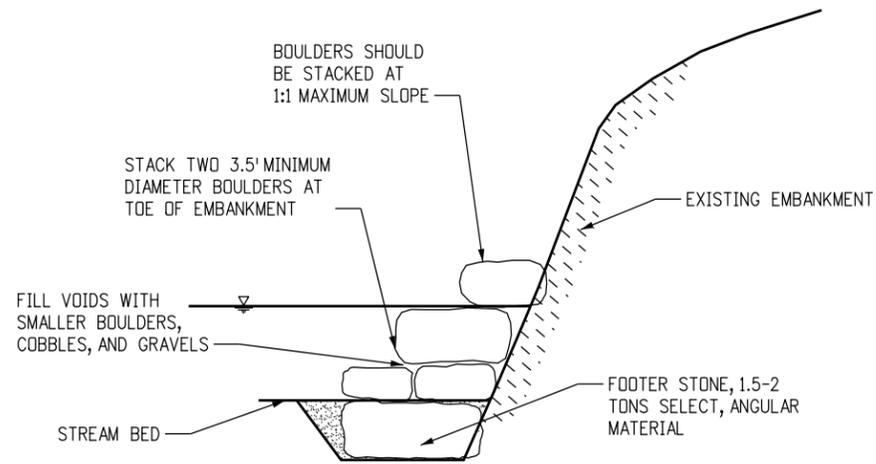
JAMES CANYON STREAM DETAILS (1 OF 3)	
PROJECT NO:	SHEET NO:

NOTE:
 DETAILS AND DIMENSIONS TO BE REFINED FOR FUTURE SUBMITTAL



SETBACK RIPRAP

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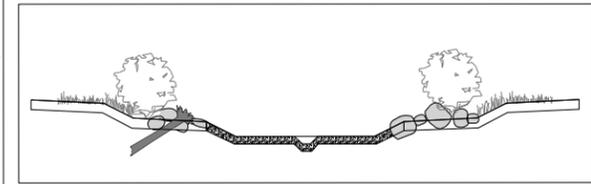


BOULDER TOE PROTECTION

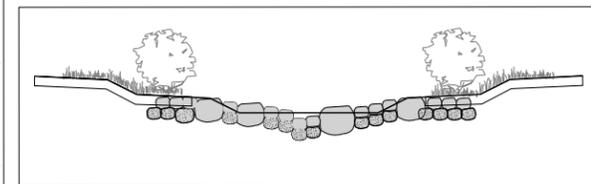
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GENERIC XS

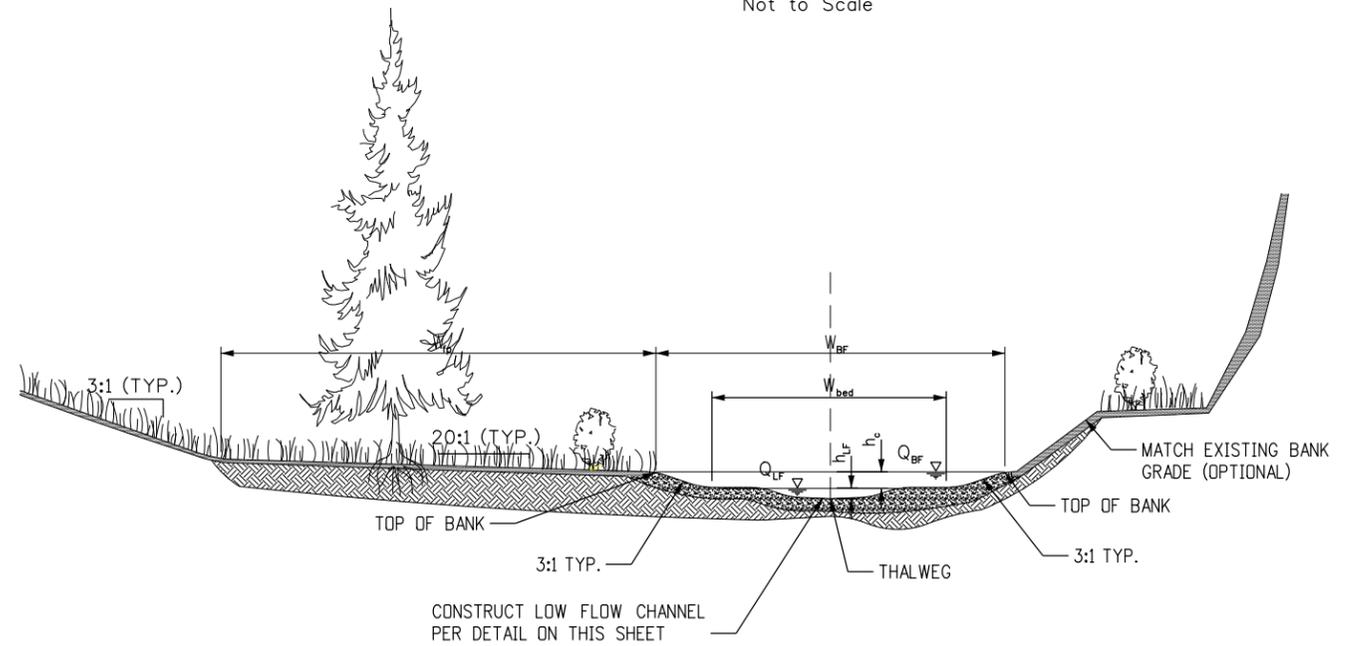


TYPICAL STEP XS



STEP POOL CROSS SECTION

Not to Scale



TYPICAL STREAM CROSS SECTION

Not to Scale

rebecca.ryan 8:30:05 AM \\DEN-FSA\5007-Projects\3279-3279-JamesCreek30\Design and Sheet Files\Details\10_DES_Drainage_Details(2of2).dgn

30%



CALL UTILITY NOTIFICATION CENTER OF COLORADO
 CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

REVISIONS:	NO.	DATE	REVISION DESCRIPTION:



LEFTHAND WATERSHED OVERSIGHT GROUP

DESIGNED: RLR CAD: RLR CHECKED: DATE: 5/12/2016

JAMES CANYON STREAM DETAILS (2 OF 3)
 PROJECT NO: SHEET NO:

