

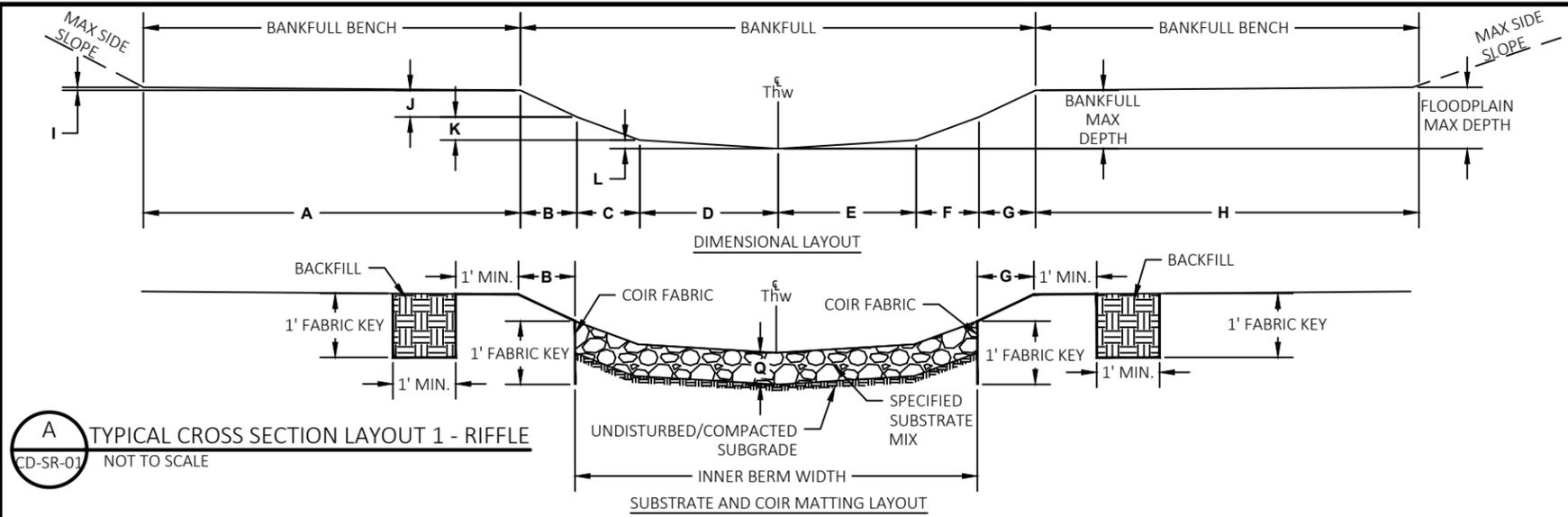
ISSUE/REVISION

NO.	DATE	DESCRIPTION
1		ORIGINAL

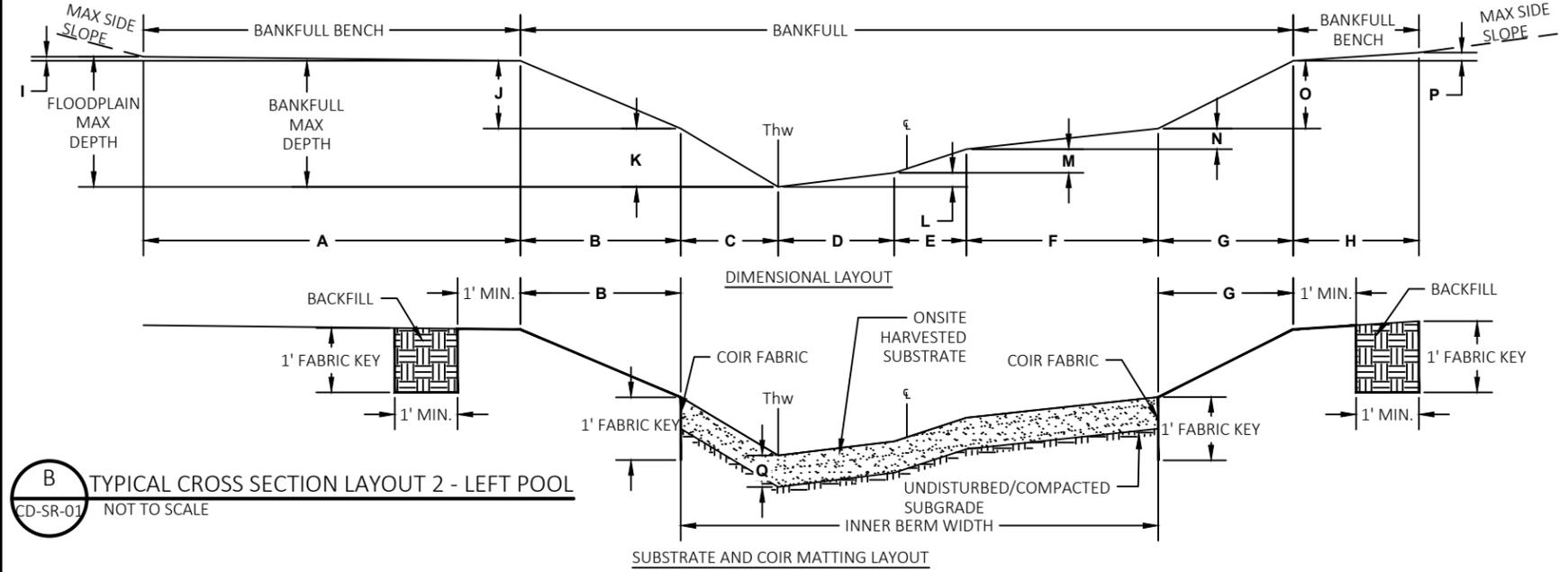
KEY PLAN

SUGAR RIVER			
PARAMETER	RIFFLE XX	LEFT POOL XX	RIGHT POOL XX
A	TBD	TBD	TBD
B	TBD	TBD	TBD
C	TBD	TBD	TBD
D	TBD	TBD	TBD
E	TBD	TBD	TBD
F	TBD	TBD	TBD
G	TBD	TBD	TBD
H	TBD	TBD	TBD
I	TBD	TBD	TBD
J	TBD	TBD	TBD
K	TBD	TBD	TBD
L	TBD	TBD	TBD
M	TBD	TBD	TBD
N	TBD	TBD	TBD
O	TBD	TBD	TBD
P	TBD	TBD	TBD
Q	TBD	TBD	TBD
MAX SIDE SLOPE	TBD	TBD	TBD
BANKFULL MAX DEPTH	TBD	TBD	TBD
FLOODPLAIN MAX DEPTH	TBD	TBD	TBD
INNER BERM WIDTH	TBD	TBD	TBD

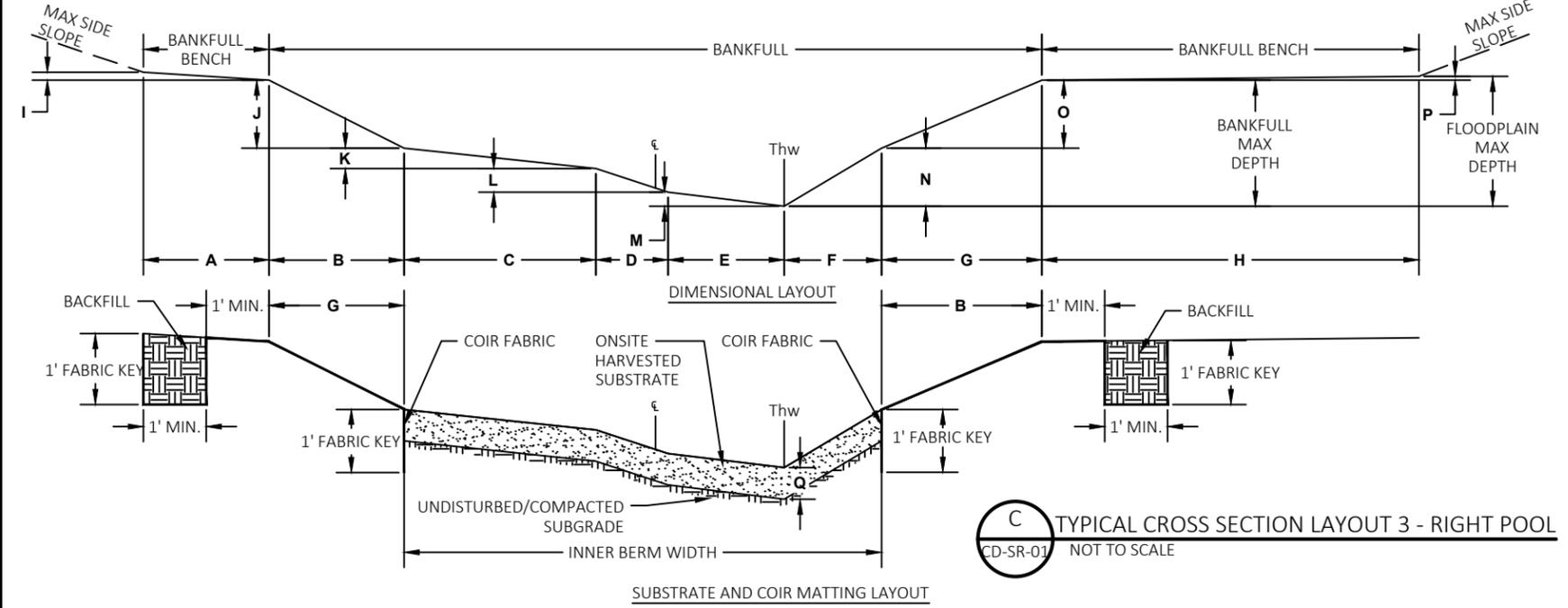
NOTE: THE SUBSTRATE HARVESTED ON SITE MAY BE USED IN THE POOL AREAS IF IT MEETS SUBSTRATE STANDARDS WITH APPROVAL FROM PROJECT ENGINEER. SEE SUBSTRATE DETAIL XX SHEET XX FOR STONE SIZING IN RIFFLES AND POOLS



A TYPICAL CROSS SECTION LAYOUT 1 - RIFFLE
 CD-SR-01 NOT TO SCALE



B TYPICAL CROSS SECTION LAYOUT 2 - LEFT POOL
 CD-SR-01 NOT TO SCALE

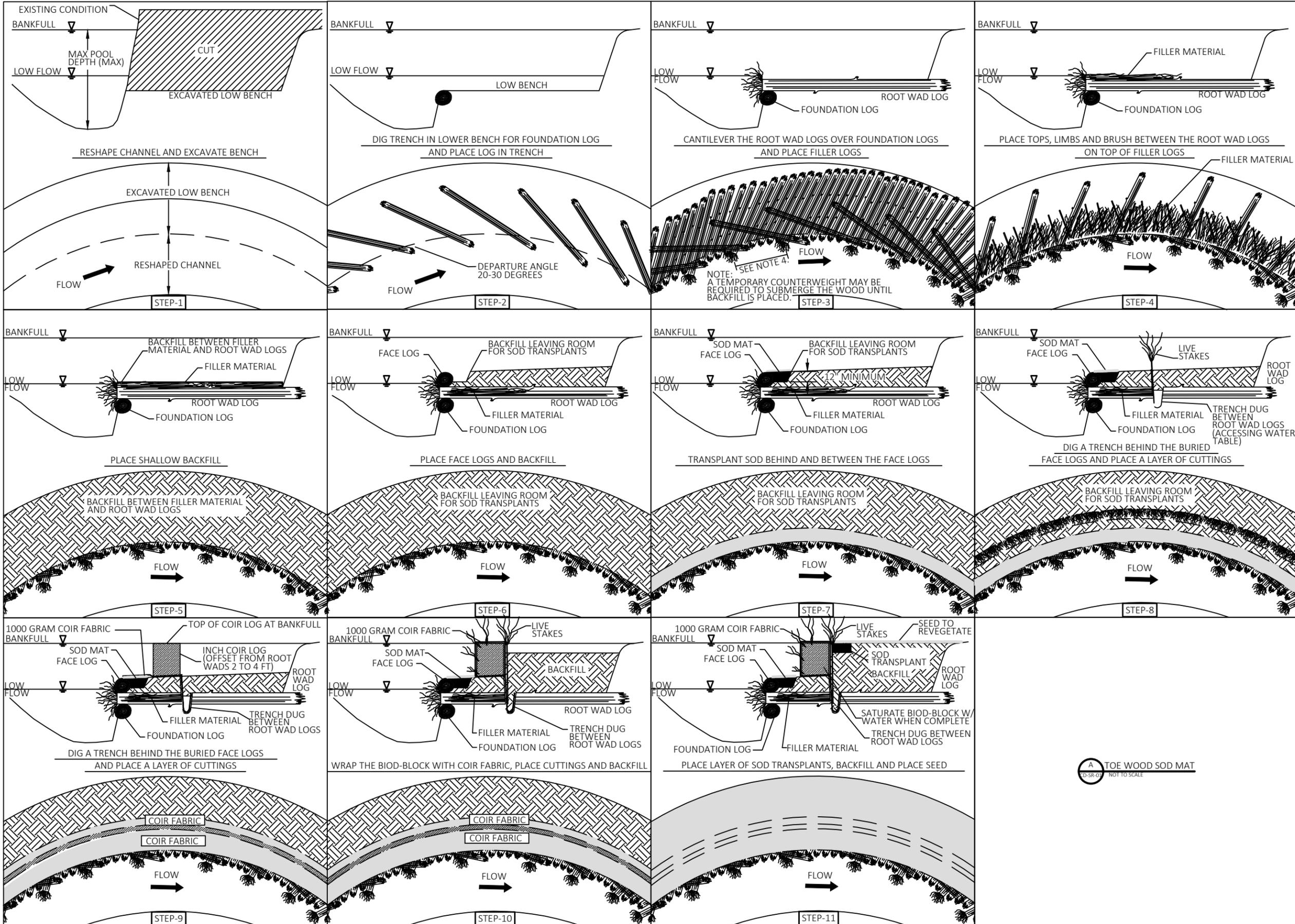


C TYPICAL CROSS SECTION LAYOUT 3 - RIGHT POOL
 CD-SR-01 NOT TO SCALE

ANS I D 22" x 34"
 Approved: ZRL
 Checked: ZRL
 Designer: K/W
 Project Management Initials:
 G:\ONEDRIVE\AECOM\2022-120 - COUNTRY VIEW ROAD - GENERAL\400_TECHNICAL\491_STREAM RESTORATION\900_CAD_GIS\SHEETS\020303-TS-STREAM.DWG
 Plotted By: vince.christensen
 Plot File Date Created: Feb/12/2024 10:50 AM
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ISSUE/REVISION

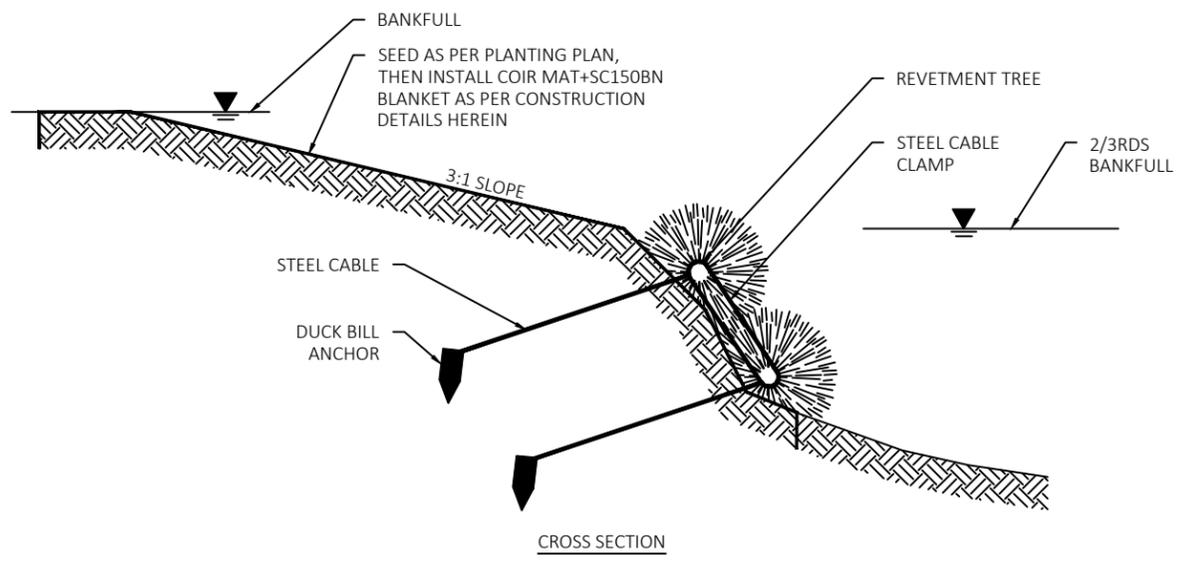
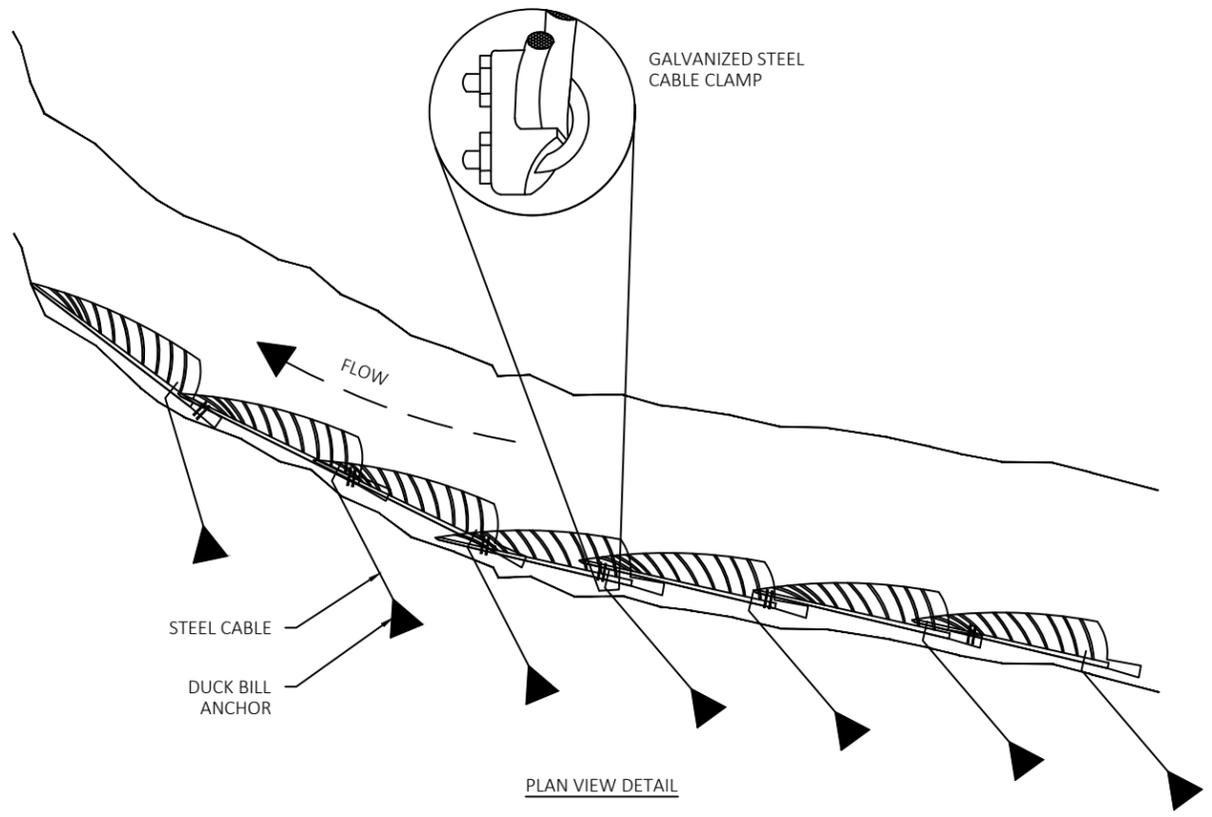
NO.	DATE	DESCRIPTION
1		ORIGINAL
J/R		



ANS I D 22' x 34' Approved: ZRL Checked: ZRL Designer: K/W Project Management Initials: Project Management Initials: G:\ONEDRIVE\AECOM\2022-120 - COUNTRY VIEW ROAD - GENERAL\400_TECHNICAL\491_STREAM RESTORATION\900_CAD_GIS\SHEETS\021001-CD-STREAM.DWG Plotted By: vinco.christensen Plot File Date Created: Jun/27/2024 6:55 AM Layout-Sheet Name: DETAILS Filename: G:\ONEDRIVE\AECOM\2022-120 - COUNTRY VIEW ROAD - GENERAL\400_TECHNICAL\491_STREAM RESTORATION\900_CAD_GIS\SHEETS\021001-CD-STREAM.DWG

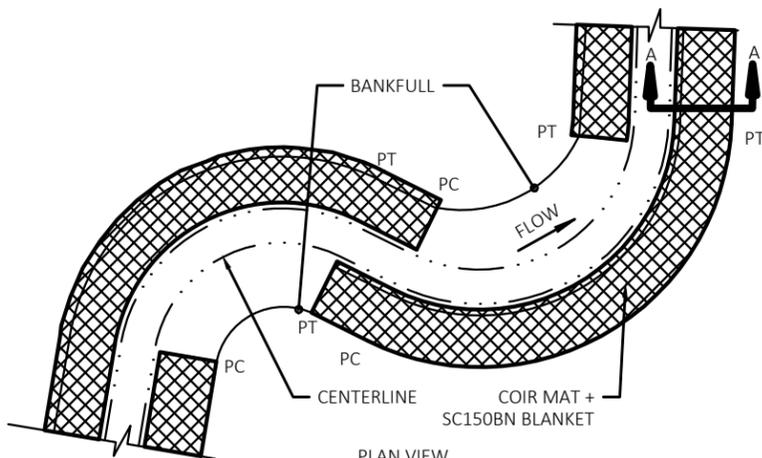
I/R	DATE	DESCRIPTION
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ANSI D 22" x 34" Approved: ZRL Checked: ZRL Designer: K/W Project Management Initials: CD-SR-02-1001-CD-STREAM.DWG



A TREE REVETMENT
 CD-SR-03 NOT TO SCALE

NO.	DATE	DESCRIPTION
1		ORIGINAL
2		
3		
4		



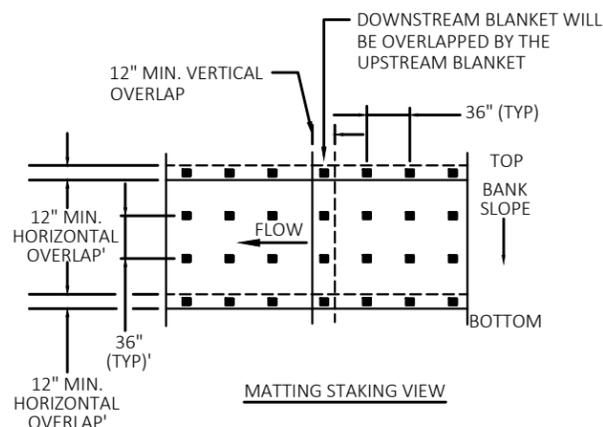
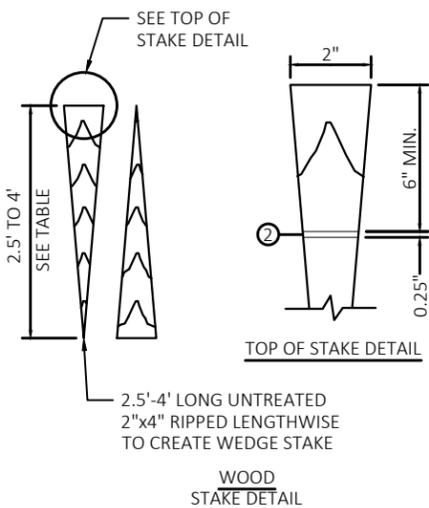
NOTES:

1. ALL AREAS THAT USE COIR FIBER EROSION CONTROL BLANKET WILL USE 1000G COIR MAT. USE STRAW-COCONUT BLANKET WITH BIODEGRADABLE NETTING (SC150BN) UNDER COIR FABRIC

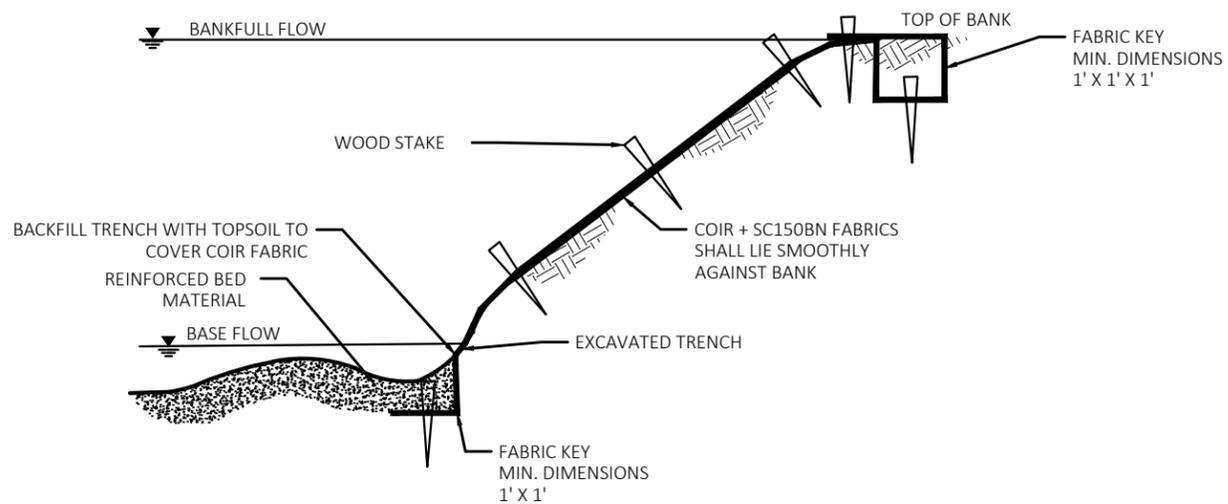
STAKE LENGTH	
SOIL TYPE	LENGTH (FEET)
CLAY	2.5
SILT	3.0
SAND	4.0
LOAM	2.0

NOTES:

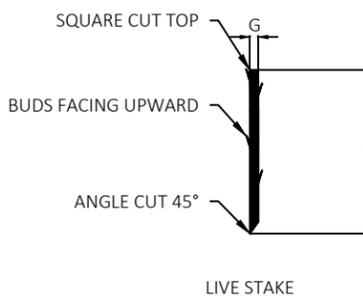
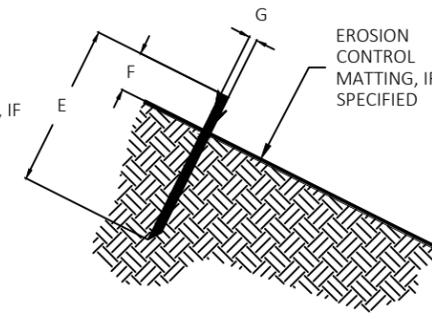
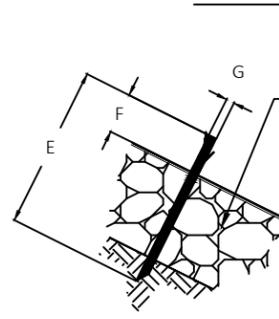
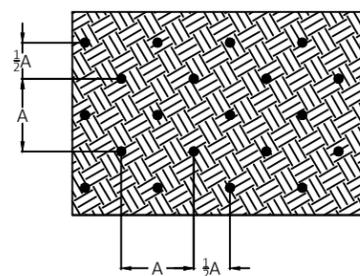
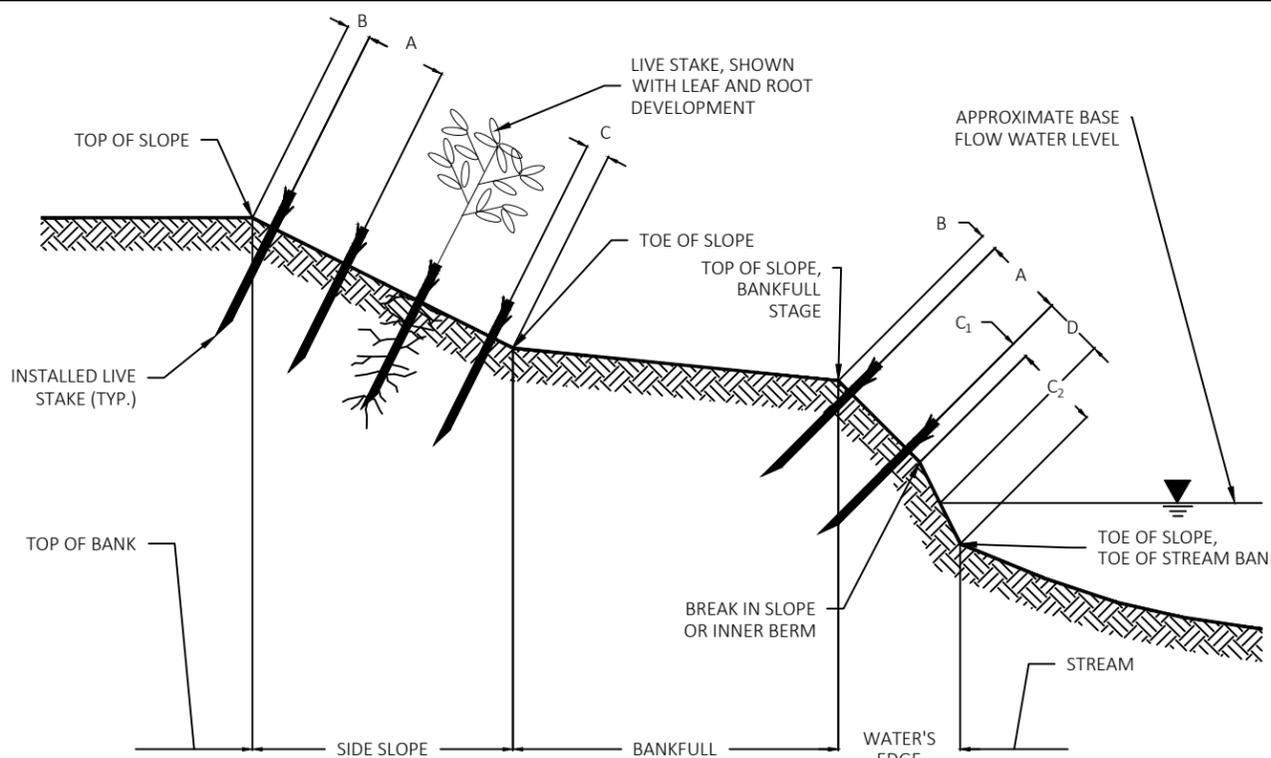
1. PRE-MANUFACTURED WOOD OR BIODEGRADABLE STAKES OF SUFFICIENT LENGTH MAY BE USED IN PLACE OF 2"x4" RIPPED WEDGE STAKES. NO METAL OR NON BIODEGRADABLE FASTENERS MAY BE USED IN PLACE OF WOOD STAKES.
2. NOTCH STAKES TO 3/8" DEPTH (BOTH SIDES). TWINE, STRING, OR WIRE SHALL BE WRAPPED 1 TURN MIN. AROUND EACH STAKE AND PLACED WITHIN NOTCH.



SECTION A-A



A EROSION CONTROL MAT/BLANKET
 CD-SR-04 NOT TO SCALE



B LIVE STAKE
 CD-SR-04 NOT TO SCALE

LIVE STAKING DIMENSION KEY

DIMENSION	NAME	TYPICAL UNIT	VALUE
A	LIVE STAKE SPACING	FEET	2 TO 4
B	LIVE STAKE - TOP OF SLOPE PLACEMENT	FEET	TBD
C	LIVE STAKE - TOE OF SLOPE PLACEMENT	FEET	TBD
D	LIVE STAKE - BASE FLOW RELATIONSHIP	FEET	TBD
E	LIVE STAKE LENGTH	FEET	3
F	LIVE STAKE PROTRUSION	FEET	1/5 X LIVE STAKE LENGTH; TALLER THAN SURROUNDING VEGETATION (NRCS 2007A)
G	LIVE STAKE DIAMETER	INCHES	1/2 TO 2

- NOTES:**
1. DATA ARE FOR LIVE STAKING IN BARE SOIL, IN SOIL COVERED WITH EROSION CONTROL MATTING, AND/OR IN SOIL COVERED WITH RIP RAP OR OTHER REVETMENT (JOINT PLANTING).
 2. DIMENSION LABELS ARE REFERENCED IN THE DETAIL DRAWINGS.
 3. COMMON GUIDANCE, VALUES, OR RANGES ARE GIVEN UNLESS THEY REQUIRE COMPUTATION USING SITE-SPECIFIC INPUT.