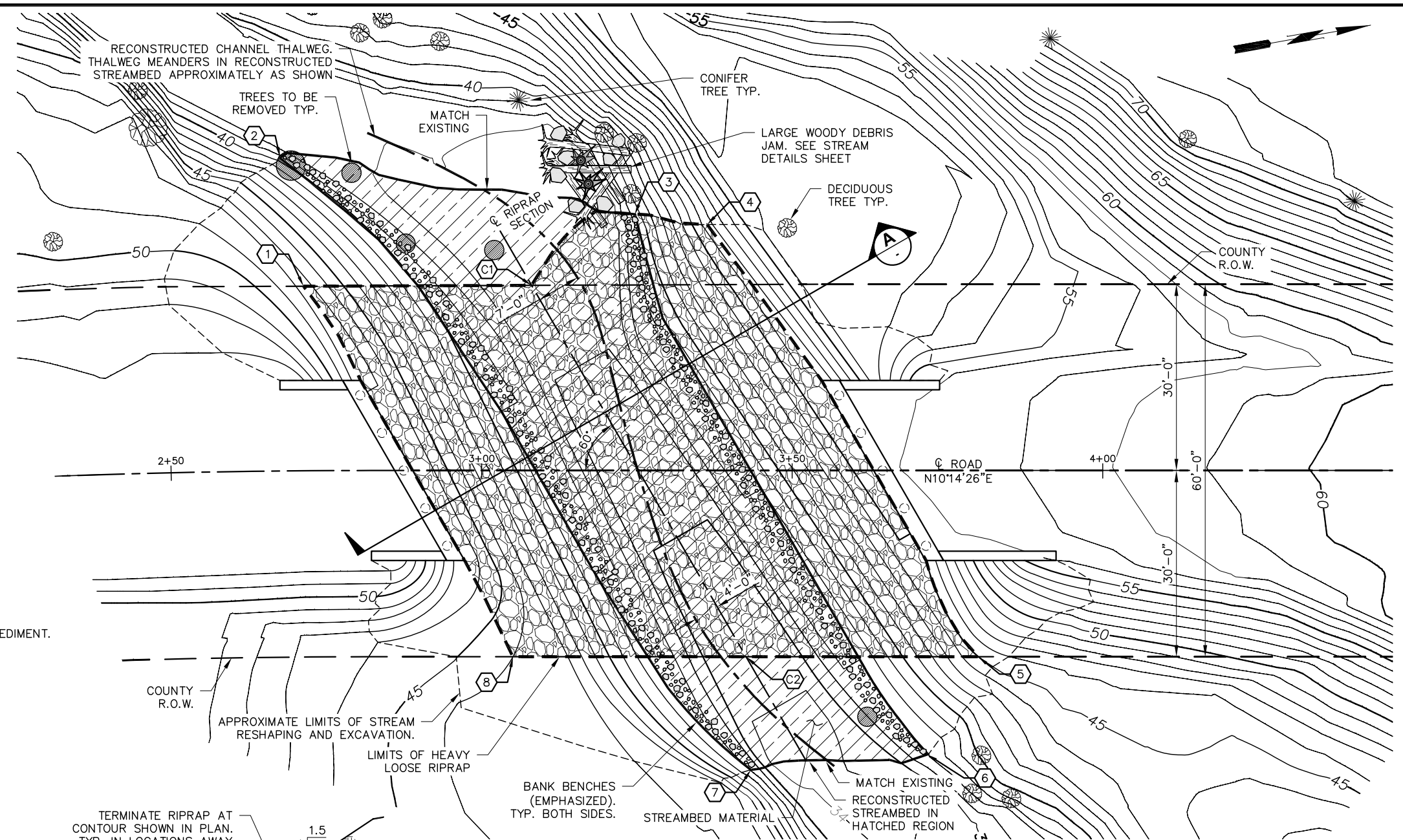
CHANNEL RECONSTRUCTION GENERAL NOTES

- RIPRAP SHALL BE HEAVY LOOSE MEETING THE REQUIREMENTS OF THE WSDOT STANDARD SPECIFICATIONS.
- THE RECONSTRUCTED STREAMBED IS MADE UP OF STREAMBED MATERIAL INSTALLED TO THE LIMITS SHOWN IN THE PLAN VIEW.
- STREAMBED MATERIAL SHALL BE PER TABLE 1.
- THE THALWEG SHALL MEANDER AS SHOWN IN THE LAYOUT AND WILL NOT ALWAYS BE LOCATED IN THE CENTER OF THE CHANNEL. LOW FLOW CHANNEL SIDE SLOPES SHALL VARY FROM THE 10H:1V TO ACCOMMODATE THE MEANDERING THALWEG.
- FOR DETAILS ON THE LARGE WOODY DEBRIS STRUCTURE SEE THE STREAM DETAILS SHEET.

TABLE 1: SEDIMENT GRAIN SIZE DISTRIBUTION FOR CHANNEL RECONSTRUCTION

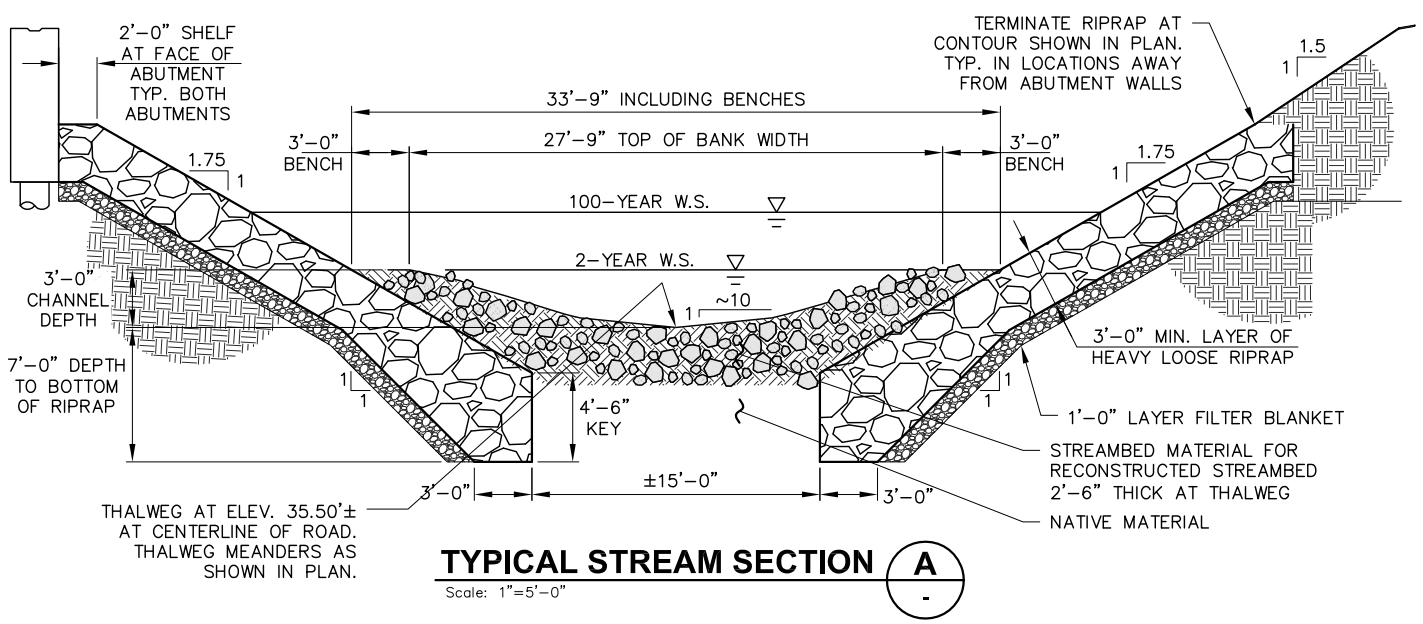
SIEVE SIZE	OPTIMUM PERCENT PASSING BY WEIGHT
	STREAMBED MATERIAL [1]
12 INCH	99–100
10 INCH	80
5 INCH	60
4 INCH	
3 INCH	
1.5 INCH	
0.75 INCH	20
No 40	5

1. APPROXIMATELY 5 PARTS WSDOT 12" COBBLES AND 3 PARTS WSDOT STREAMBED SEDIMENT.



RIPRAP & STREAMBED LAYOUT

Scale: 1"=10'-0"



TYPICAL STREAM SECTION A

Scale: 1"=5'-0"

LAYOUT KEY

RIPRAP LIMITS

RECONSTRUCTED STREAMBED LIMITS

CHANNEL RECONSTRUCTION CONTROL POINTS

LABEL	NORTHING	EASTING	ELEV.	DESCRIPTION
C1	364380.49	1135140.78	36.25	CENTERLINE RIPRAP SECTION
C2	364403.84	1135205.79	34.25	CENTERLINE RIPRAP SECTION
1	364344.32	1135134.39	47.50	HEAVY LOOSE RIPRAP CORNER
2	364344.31	1135113.47	39.50	RECONSTRUCTED STREAMBED CORNER
3	364398.88	1135132.50	39.80	RECONSTRUCTED STREAMBED CORNER
4	364410.06	1135136.18	46.50	HEAVY LOOSE RIPRAP CORNER
5	364440.65	1135212.44	45.00	HEAVY LOOSE RIPRAP CORNER
6	364429.77	1135226.47	36.90	RECONSTRUCTED STREAMBED CORNER
7	364401.37	1135223.86	36.90	RECONSTRUCTED STREAMBED CORNER
8	364366.90	1135199.12	44.00	HEAVY LOOSE RIPRAP CORNER

ELEVATIONS ARE GIVEN AT TOP OF FINISHED GROUND.

100% DRAFT DESIGN SET

NO.	REVISION	BY	DATE

DESIGNED: JLP | CHECKED: DRS | PROJECT NO. 1805951934 | SCALE: AS NOTED
DRAWN: JLP | PROJECT ENGR: DRS
APPROVED: _____ CITY ENGINEER | DATE: 6/29/2015
BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY 0" 1"

Jefferson County
Department of Public Works

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West Uncas Road Culvert Replacement
JEFFERSON COUNTY, WA
RIPRAP AND CHANNEL LAYOUT

SHEET 9 OF 22
FILE NO. SD-0265

Jun 29, 2015 - 5:58pm david \\shearerserver\jobs\0265 w uncas\Design\DWG\0265 Riprap Layout.dwg Layout Name: RIPRAP AND CHANNEL LAYOUT