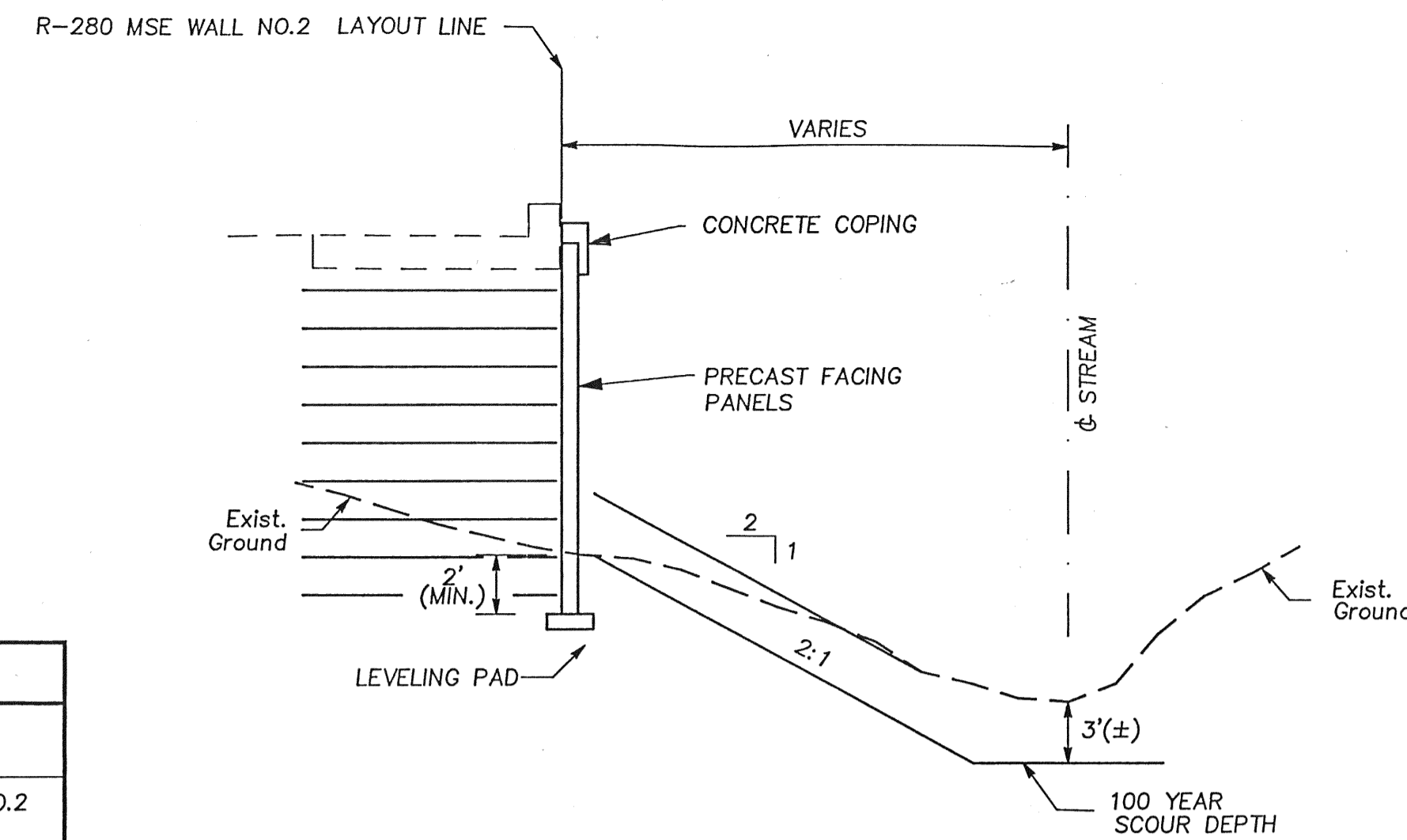


SR-91
CURVE DATA

$\Delta_T = 52'10''18.56''$ LT.
 $\Delta_S = 6'45''00''$ LT.
 $\Delta_C = 38'40''18.56''$ LT.
 $D = 3'00''00''$
 $R = 1909.86'$
 $T = 1162.11'$
 $L_S = 1289.06'$
 $L_C = 450.00'$
 $PIS = 1748+57.65$
 $N = 423,839.40$
 $E = 1,874,319.57$

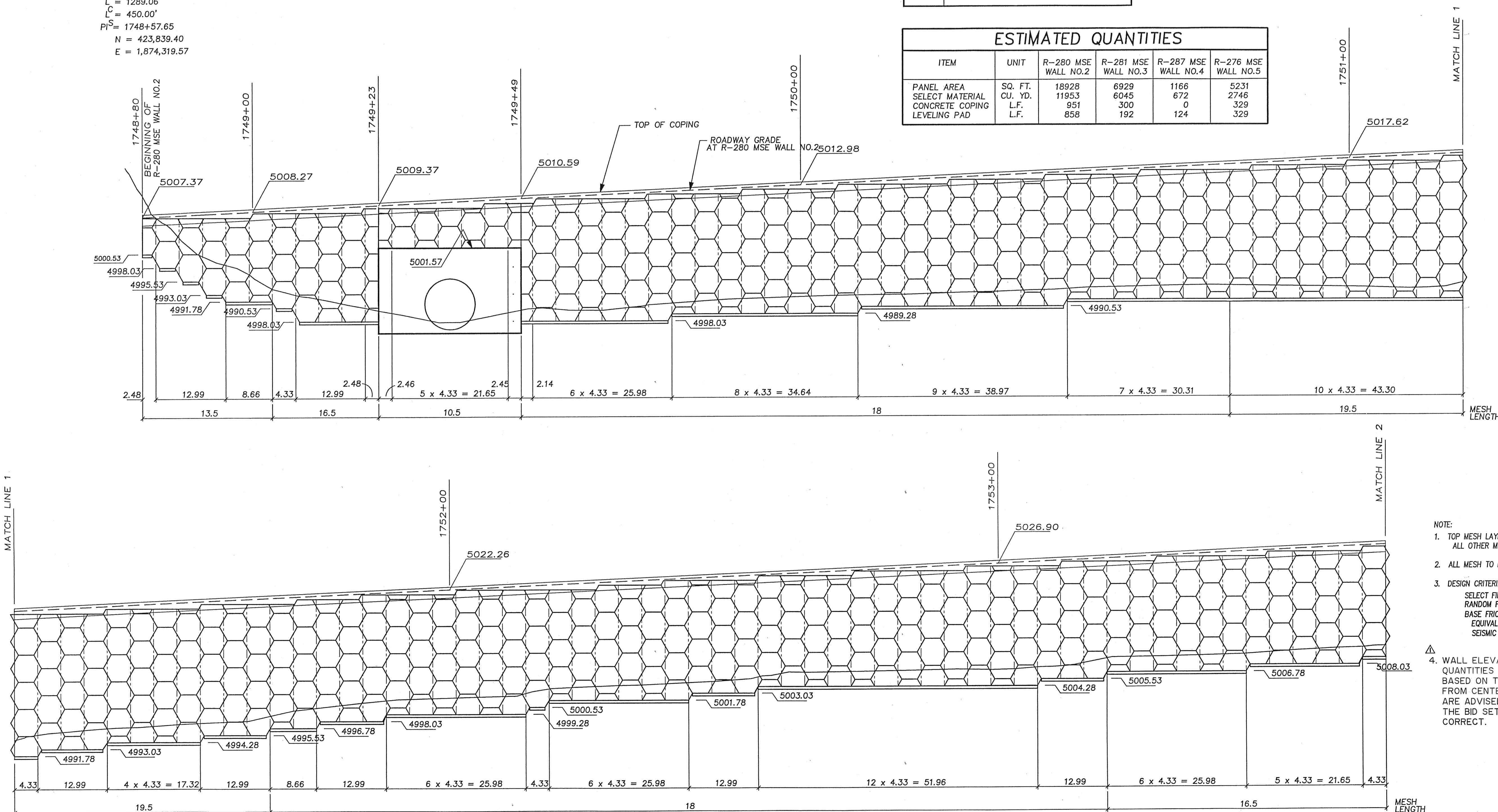
LOCATION PLAN R-280 MSE WALL NO.2



TYPICAL SECTION

INDEX	
SHEET NUMBER	DESCRIPTION
1	PLAN, ELEVATION R-280 MSE WALL NO.2
2	ELEVATION R-280 MSE WALL NO.2
3	PLAN, ELEVATION R-281 MSE WALL NO.3
4	PLAN, ELEVATION R-287 MSE WALL NO.4
5	PLAN, ELEVATION R-276 MSE WALL NO.5
6	STANDARD AND SPECIAL DETAILS

ESTIMATED QUANTITIES					
ITEM	UNIT	R-280 MSE WALL NO.2	R-281 MSE WALL NO.3	R-287 MSE WALL NO.4	R-276 MSE WALL NO.5
PANEL AREA	SQ. FT.	18928	6929	1166	5231
SELECT MATERIAL	CU. YD.	11953	6045	672	2746
CONCRETE COPING	L.F.	951	300	0	329
LEVELING PAD	L.F.	858	192	124	329



R-280 MSE WALL NO.2 ELEVATION
(ELEVATION LOOKING SOUTH)

- NOTE:
- TOP MESH LAYER 4W11+W11x1.0
ALL OTHER MESH 4W11+W11x1.5 EXCEPT AS NOTED.
 - ALL MESH TO BE EPOXY COATED.
 - DESIGN CRITERIA:
SELECT FILL FOR WALL VOLUME $\phi = 34'$; $\gamma = 125$ PCF
RANDOM FILL $\phi = 34'$; $\gamma = 125$ PCF
BASE FRICTION ANGLE $\phi = 34'$
EQUIVALENT TRAFFIC LOAD 250 PSF
SEISMIC HORIZONTAL DESIGN ACCELERATION 0.15g
 - WALL ELEVATIONS, WALL AREAS AND QUANTITIES IN THESE VSL DRAWINGS ARE BASED ON TRUE WALL LENGTHS AS OFFSET FROM CENTERLINE OF ROADWAY. CONTRACTORS ARE ADVISED THAT IN OTHER DRAWINGS IN THE BID SET THE QUANTITIES MAY NOT BE CORRECT.

DES.	DRN.	CHK.	NO.	DATE	REVISION	BY
			10/93		ADDED NOTE	JWP
<p>UTAH DEPARTMENT OF TRANSPORTATION</p> <p>SR-91 BRIGHAM CITY TO MANTUA R-280 MSE WALL NO.2</p>						
<p>PRINT STATUS:</p>						
<p>JOB NO:</p>						
<p>SHEET 1 OF 6</p>						

VSL CORPORATION

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AS A DIVISION OF CANADIAN PACIFIC LIMITED, VSL CORPORATION IS A REGISTERED COMPANY IN BRITAIN, CANADA, AND IN THE STATES OF CALIFORNIA, ILLINOIS, INDIANA, IOWA, KANSAS, MISSOURI, NEBRASKA, NEVADA, NEW YORK, NORTH CAROLINA, OHIO, PENNSYLVANIA, TEXAS, VIRGINIA, WISCONSIN, AND WYOMING.

R 280

JOHN W. PARKIN
CONSULTING CIVIL AND STRUCTURAL ENGINEER
D2317-18