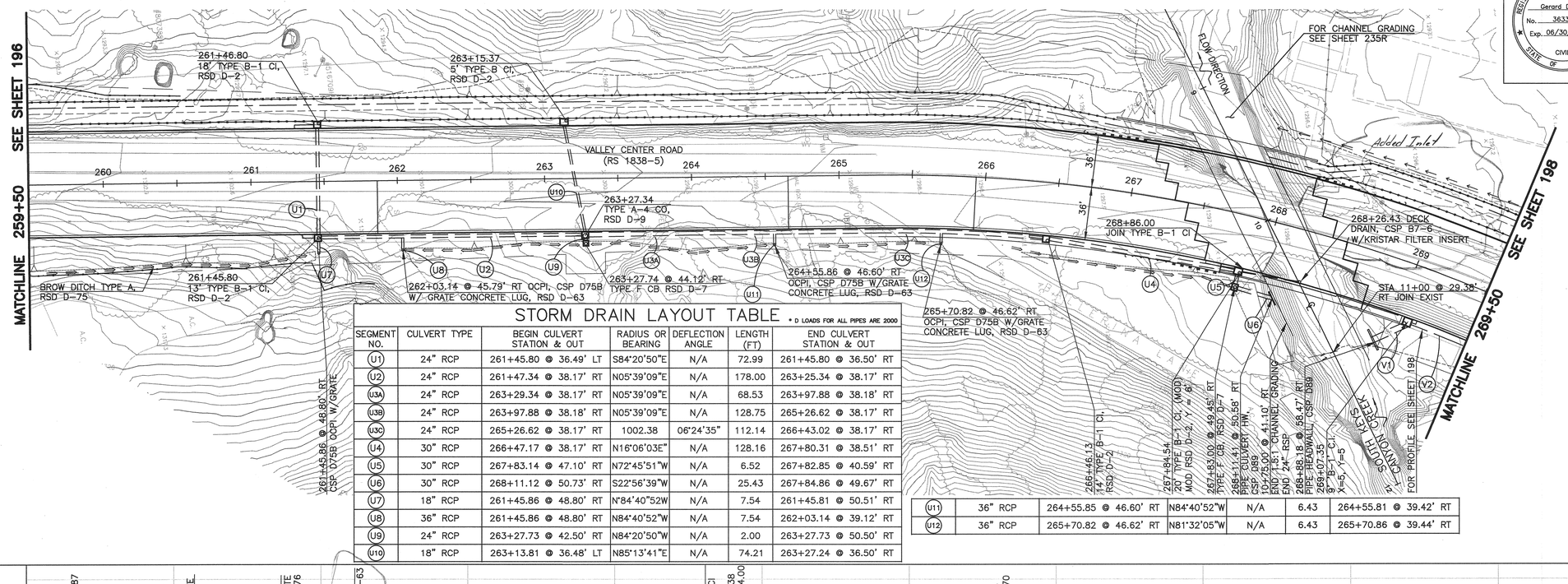
FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES

PLANS	BY	DATE
DESIGNED		
CHECKED		
DELINEATED		

REGISTERED PROFESSIONAL ENGINEER — Gerard Dalziel, No. 36333, Exp. 06/30/06, CIVIL, STATE OF CALIFORNIA

WILLDAN – Serving Public Agencies
5930 Cornerstone ct. West, Ste 300
San Diego, California 92121
Tel 858.467.6950, Fax 858.467.1346

REGISTERED CIVIL ENGINEER — DATE 8/14/05

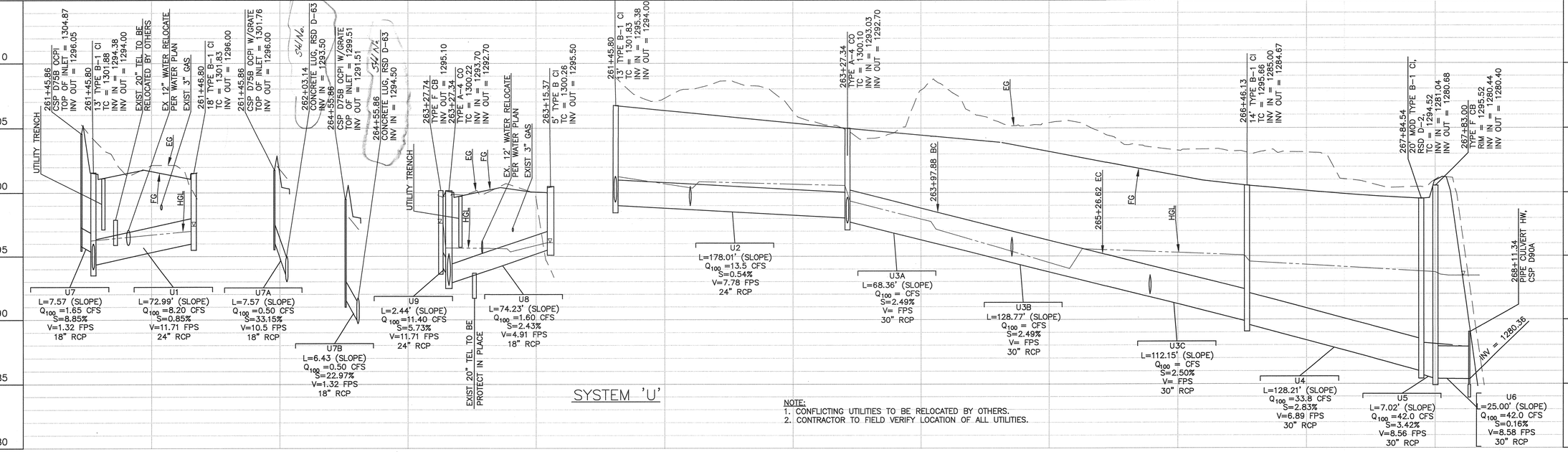


Basis of Bearings
California Coordinate System Zone 6
NAD 83

STORM DRAIN LAYOUT TABLE

* D LOADS FOR ALL PIPES ARE 2000

SEGMENT NO.	CULVERT TYPE	BEGIN CULVERT STATION & OUT	RADIUS OR BEARING	DEFLECTION ANGLE	LENGTH (FT)	END CULVERT STATION & OUT
U1	24" RCP	261+45.80 @ 36.49' LT	S84°20'50"E	N/A	72.99	261+45.80 @ 36.50' RT
U2	24" RCP	261+47.34 @ 38.17' RT	N05°39'09"E	N/A	178.00	263+25.34 @ 38.17' RT
U3A	24" RCP	263+29.34 @ 38.17' RT	N05°39'09"E	N/A	68.53	263+97.88 @ 38.18' RT
U3B	24" RCP	263+97.88 @ 38.18' RT	N05°39'09"E	N/A	128.75	265+26.62 @ 38.17' RT
U3C	24" RCP	265+26.62 @ 38.17' RT	1002.38	06°24'35"	112.14	266+43.02 @ 38.17' RT
U4	30" RCP	266+47.17 @ 38.17' RT	N16°06'03E"	N/A	128.16	267+80.31 @ 38.51' RT
U5	30" RCP	267+83.14 @ 47.10' RT	N72°45'51"W	N/A	6.52	267+82.85 @ 40.59' RT
U6	30" RCP	268+11.12 @ 50.73' RT	S22°56'39"W	N/A	25.43	267+84.86 @ 49.67' RT
U7	18" RCP	261+45.86 @ 48.80' RT	N°84'40"52W	N/A	7.54	261+45.81 @ 50.51' RT
U8	36" RCP	261+45.86 @ 48.80' RT	N84°40'52"W	N/A	7.54	262+03.14 @ 39.12' RT
U9	24" RCP	263+27.73 @ 42.50' RT	N84°20'50"W	N/A	2.00	263+27.73 @ 50.50' RT
U10	18" RCP	263+13.81 @ 36.48' LT	N85°13'41"E	N/A	74.21	263+27.24 @ 36.50' RT
U11	36" RCP	264+55.85 @ 46.60' RT	N84°40'52"W	N/A	6.43	264+55.81 @ 39.42' RT
U12	36" RCP	265+70.82 @ 46.62' RT	N81°32'05"W	N/A	6.43	265+70.86 @ 39.44' RT



SYSTEM 'U'

NOTE:
1. CONFLICTING UTILITIES TO BE RELOCATED BY OTHERS.
2. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL UTILITIES.

C-SH197R-S023-VCRN.dwg

S:\LDD Design\Valley Center Road\UJ1101\Addendum #2\VCR-NORTH\

17:00 08/14/05

COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS
5555 OVERLAND AVENUE, SAN DIEGO, CA 92123-1295

REVISIONS	BY	APPROVED	DATE

COORDINATE INDEX
370 N. 1761 E.
CONST. COMPL.
FIELD REVISIONS

VALLEY CENTER ROAD RECONSTRUCTION
IN THE VICINITY OF VALLEY CENTER

STORM DRAIN PLAN - 259+50 TO 269+50

SCALE: HOR. 1"=40' VERT. 1"=4'
W.A. UJ1101 R.S. 1838-3 TO -6
FILE NO.
SHEET 197R OF 256 SHEETS