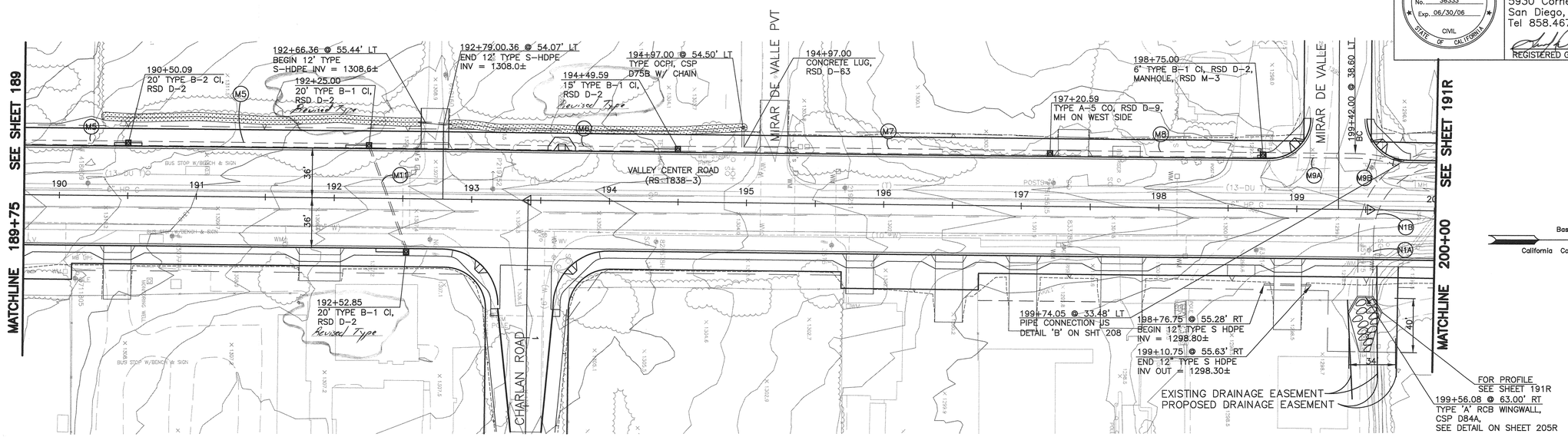
FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES

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

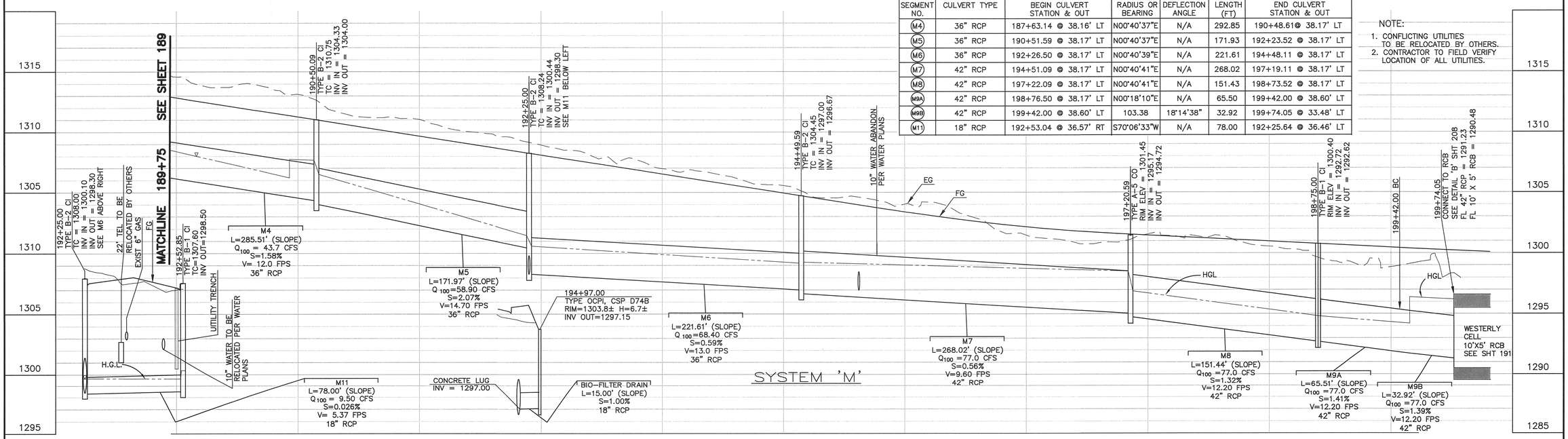


STORM DRAIN LAYOUT TABLE

* 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
M4	36" RCP	187+63.14 @ 38.16' LT	N00°40'37"E	N/A	292.85	190+48.61@ 38.17' LT
M5	36" RCP	190+51.59 @ 38.17' LT	N00°40'37"E	N/A	171.93	192+23.52 @ 38.17' LT
M6	36" RCP	192+26.50 @ 38.17' LT	N00°40'39"E	N/A	221.61	194+48.11 @ 38.17' LT
M7	42" RCP	194+51.09 @ 38.17' LT	N00°40'41"E	N/A	268.02	197+19.11 @ 38.17' LT
M8	42" RCP	197+22.09 @ 38.17' LT	N00°40'41"E	N/A	151.43	198+73.52 @ 38.17' LT
M9A	42" RCP	198+76.50 @ 38.17' LT	N00°18'10"E	N/A	65.50	199+42.00 @ 38.60' LT
M9B	42" RCP	199+42.00 @ 38.60' LT	103.38	18°14'38"	32.92	199+74.05 @ 33.48' LT
M11	18" RCP	192+53.04 @ 36.57' RT	S70°06'33"W	N/A	78.00	192+25.64 @ 36.46' LT

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



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 189+75 TO 200+00

SCALE: HOR. 1"=40' VERT. 1"=4'
W.A. UJ1101 R.S. 1838-3 TO -6
FILE NO.
SHEET 190R OF 256 SHEETS

08/14/05
17:00
S:\LDD Design\Valley Center Road\UJ1101\Addendum #2\VCR-NORTH\
C-SH190R-SD16-VCRN.dwg