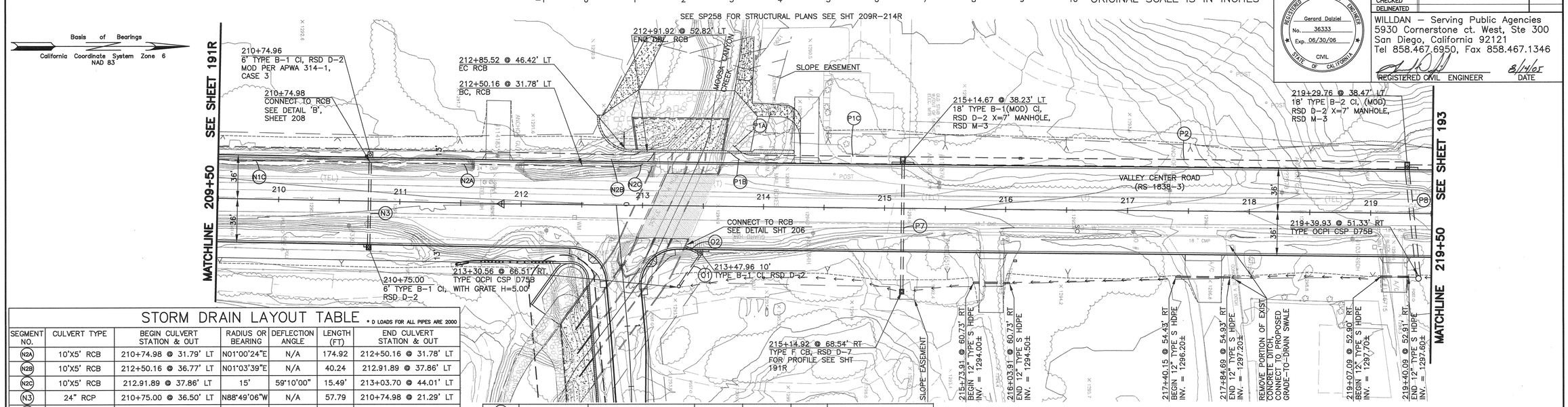
FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES

| 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

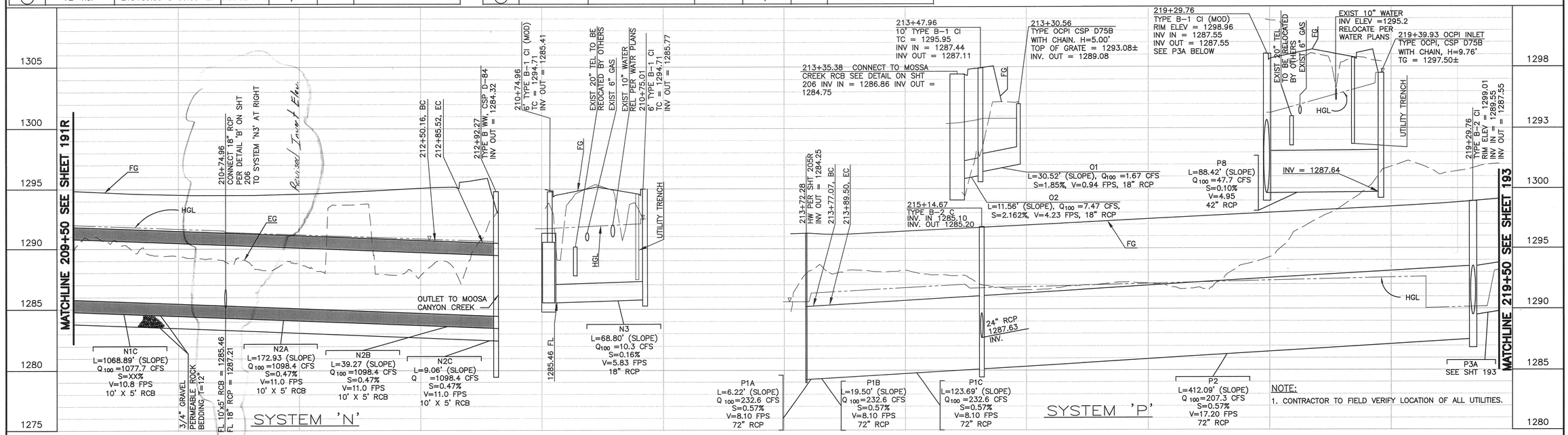
REGISTERED CIVIL ENGINEER — DATE 8/14/05




## 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 |
|---|---|---|---|---|---|---|
| N2A | 10'X5' RCB | 210+74.98 @ 31.79' LT | N01°00'24"E | N/A | 174.92 | 212+50.16 @ 31.78' LT |
| N2B | 10'X5' RCB | 212+50.16 @ 36.77' LT | N01°03'39"E | N/A | 40.24 | 212.91.89 @ 37.86' LT |
| N2C | 10'X5' RCB | 212.91.89 @ 37.86' LT | 15' | 59°10'00" | 15.49' | 213+03.70 @ 44.01' LT |
| N3 | 24" RCP | 210+75.00 @ 36.50' LT | N88°49'06"W | N/A | 57.79 | 210+74.98 @ 21.29' LT |
| O1 | 18" RCP | 213+31.28 @ 65.43' RT | N55°29'25"W | N/A | 30.00' | 213+47.96 @ 40.51' RT |
| O2 | 18" RCP | 213+45.98 @ 38.50' RT | S24°14'09"W | N/A | 11.56 | 213+35.38 @ 33.89' RT |
| P1A | 72" RCP | 213+72.28 @ 47.95' LT | N40°18'53"E | N/A | 6.22 | 213+77.07 @ 43.98' LT |
| P1B | 72" RCP | 213+77.07 @ 43.98' LT | 19.5' | 39°35'53" | 13.48 | 213+89.50 @ 39.50' LT |
| P1C | 72" RCP | 213+89.50 @ 39.50' LT | N00°52'11"E | N/A | 123.69 | 215+16.19 @ 39.17' LT |
| P2 | 72" RCP | 215+16.18 @ 39.17' LT | N00°42'45"E | N/A | 412.09 | 219+28.26 @ 39.17' LT |
| P3 | 48" RCP | 219+31.24 @ 38.18' LT | N00°41'54"E | N/A | 342.15 | 22.63.81 @ 38.17' LT |
| P4 | 48" RCP | 222+66.90 @ 38.17' LT | 1383.40 | 13°22'22" | 312.88 | 225+98.86 @ 38.17' LT |
| P7 | 24" RCP | 215+14.92 @ 67.29' RT | N89°17'51"W | N/A | 103.78 | 215+14.90 @ 36.49' LT |
| P8 | 42" RCP | 219+39.93 @ 51.33' rT | S88°03'33"W | N/A | 88.42 | 219+29.75 @ 36.50' LT |




NOTE:
1. 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 - 209+50 TO 219+50

SCALE: HOR. 1"=40' VERT. 1"=4'
W.A. UJ1101 R.S. 1838-3 TO -6
FILE NO.
SHEET 192R OF 256 SHEETS

C-SH192R-SD18-VCRN.dwg
S:\LDD Design\Valley Center Road\UJ1101\Addendum #2\VCR-NORTH\
17:00 08/14/05