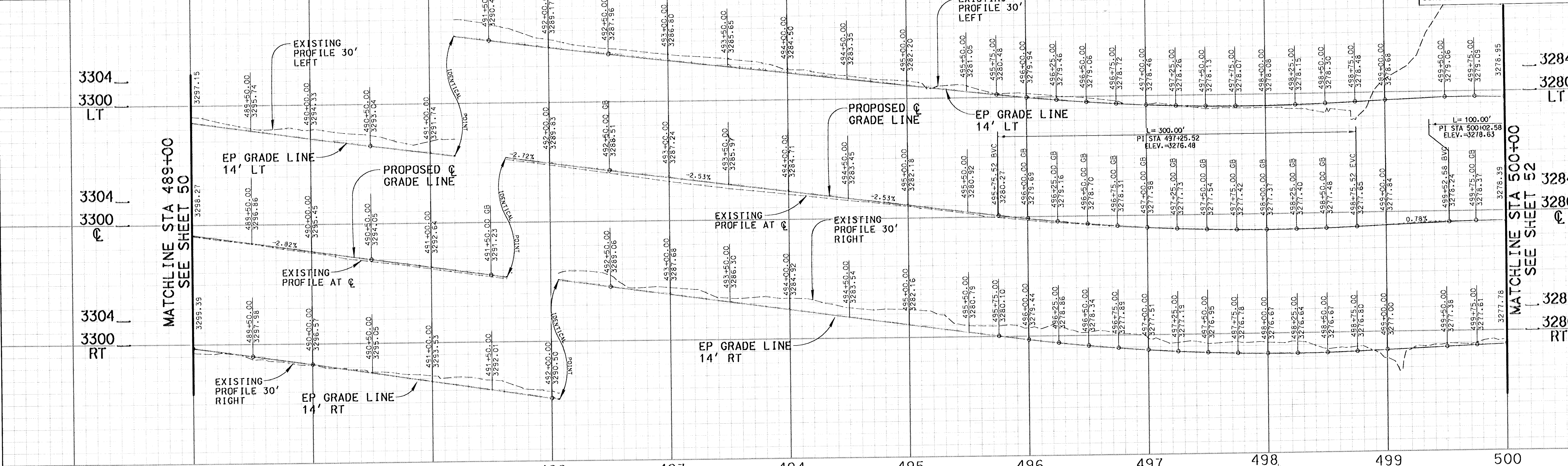


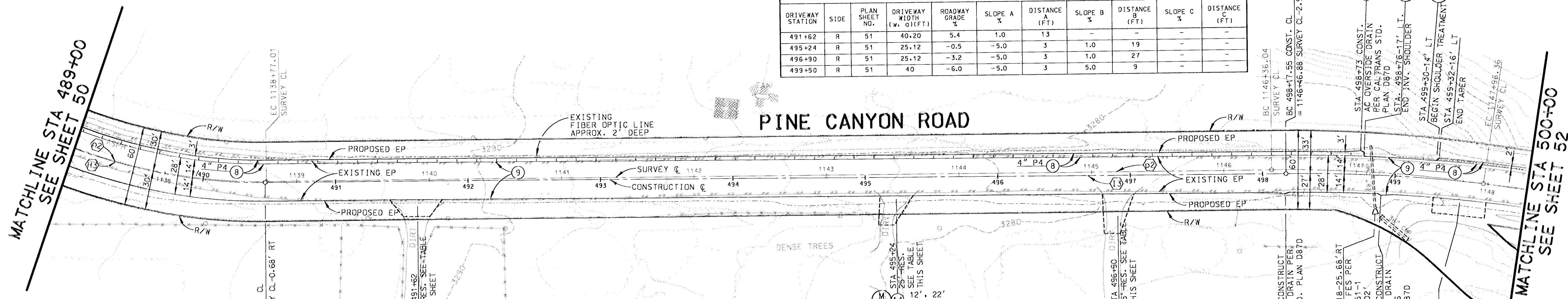
SCALE: HOR. 1"=40'
VERT. 1"=8'

REVIEWED BY:
Manuel Orellana
MANUEL ORELLANA DATE 7-27-03
CONSULTANT DESIGN SECTION



TYPICAL DRIVEWAY SECTION DATA

| DRIVEWAY STATION | SIDE | PLAN SHEET NO. | DRIVEWAY WIDTH (W. 3' OFFSET) | ROADWAY GRADE % | SLOPE A % | DISTANCE (FT) | SLOPE B % | DISTANCE (FT) | SLOPE C % | DISTANCE (FT) |
|------------------|------|----------------|-------------------------------|-----------------|-----------|---------------|-----------|---------------|-----------|---------------|
| 491+62 | R | 51 | 40.20 | 5.4 | 1.0 | 13 | - | - | - | - |
| 495+24 | R | 51 | 25.12 | -0.5 | -5.0 | 3 | 1.0 | 19 | - | - |
| 496+90 | R | 51 | 25.12 | -3.2 | -5.0 | 3 | 1.0 | 27 | - | - |
| 499+50 | R | 51 | 40 | -6.0 | -5.0 | 3 | 5.0 | 9 | - | - |



CONSTRUCTION CL CURVE DATA

| CURVE | CENTRAL ANGLE | RADIUS | LENGTH | TANGENT |
|--------|---------------|----------|---------|---------|
| * (H3) | 58°11'35" | 400.00' | 406.26' | 222.61' |
| (13) | 8°48'43" | 1200.00' | 184.56' | 92.46' |

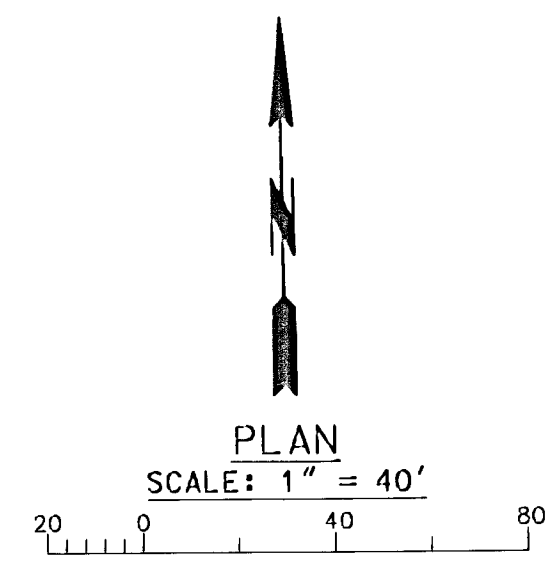
* CURVE DATA DUPLICATED ON OTHER SHEET

SURVEY CL CURVE DATA

| CURVE | CENTRAL ANGLE | RADIUS | LENGTH | TANGENT |
|--------|---------------|----------|---------|---------|
| * (P2) | 58°23'34" | 400.00' | 407.66' | 223.52' |
| (P2) | 9°11'10" | 1000.00' | 160.33' | 80.34' |

* CURVE DATA DUPLICATED ON OTHER SHEET

CADD PROJECT FILE NAME: RDC0014131.HYD.SHEET_51.DGN
CHECKER: CXCO
DESIGNER: JGR/RWB
DRAFTER: AAP

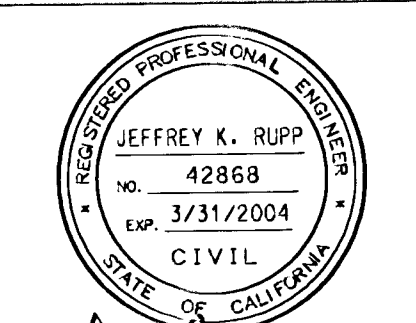


BENCH MARK NO. 73 PWB 3614 0002
SPK IN N SIDE PP #1559669E 1FT UP 38FT S C/L PINE CYN RD & 0.5MI W/O LAKE HUGHES RD
ELEV.=3295.821
LA CO DPW BENCH MARK LIST
LANCASTER WEST 1998 QUAD
NAVD '88 DATUM

DAVID EVANS AND ASSOCIATES INC.
800 North Haven Avenue, Suite 300
Ontario California 91784
Phone: 909.481.5750

TWO DAYS BEFORE YOU DIG
CALL USA TOLL FREE
1-800-227-2600

| DATE | MK | DESCRIPTION |
|------|----|-------------|
| | | |
| | | |



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

PINE CANYON ROAD
"THREE POINTS ROAD TO LAKE HUGHES ROAD"

PROJECT ID NO. RDC0014131

PCA X2509653 DWG SHEET 51 OF 53