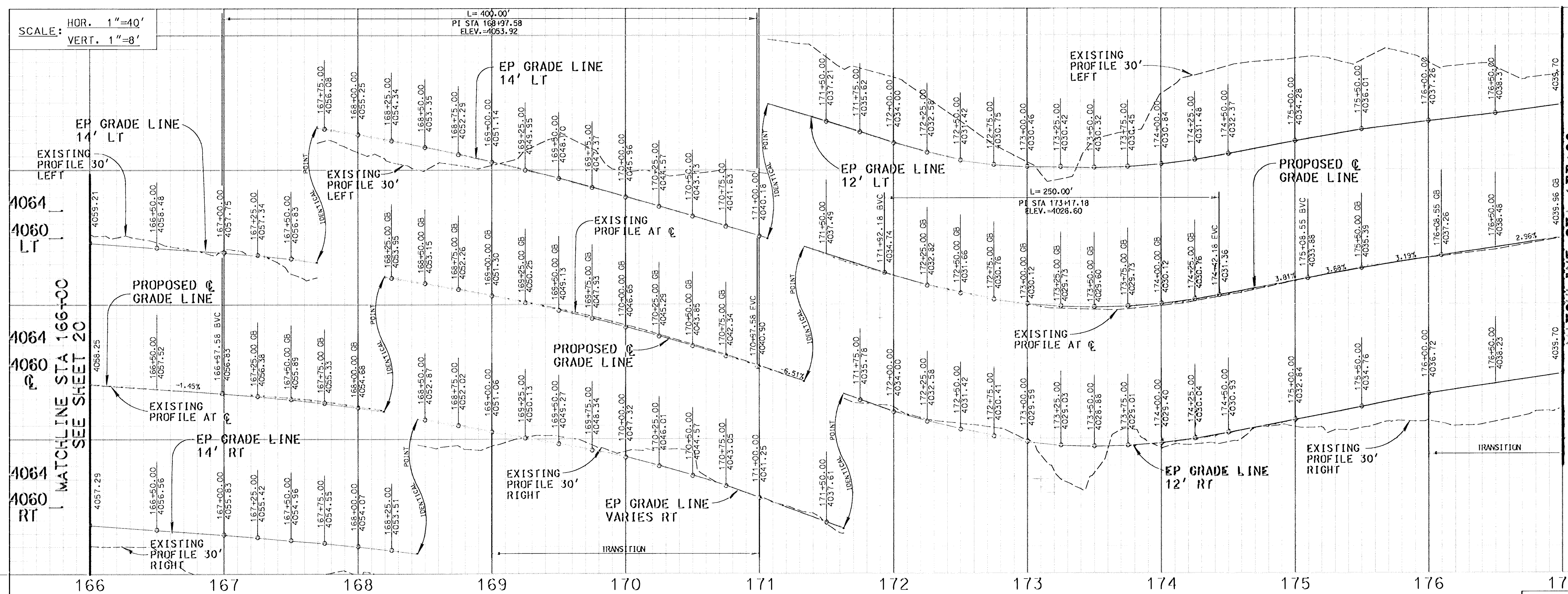


SCALE: HOR. 1"=40'  
VERT. 1"=8'

REVIEWED BY:  
*Manuel Orellana*  
MANUEL ORELLANA DATE 7-24-03  
CONSULTANT DESIGN SECTION

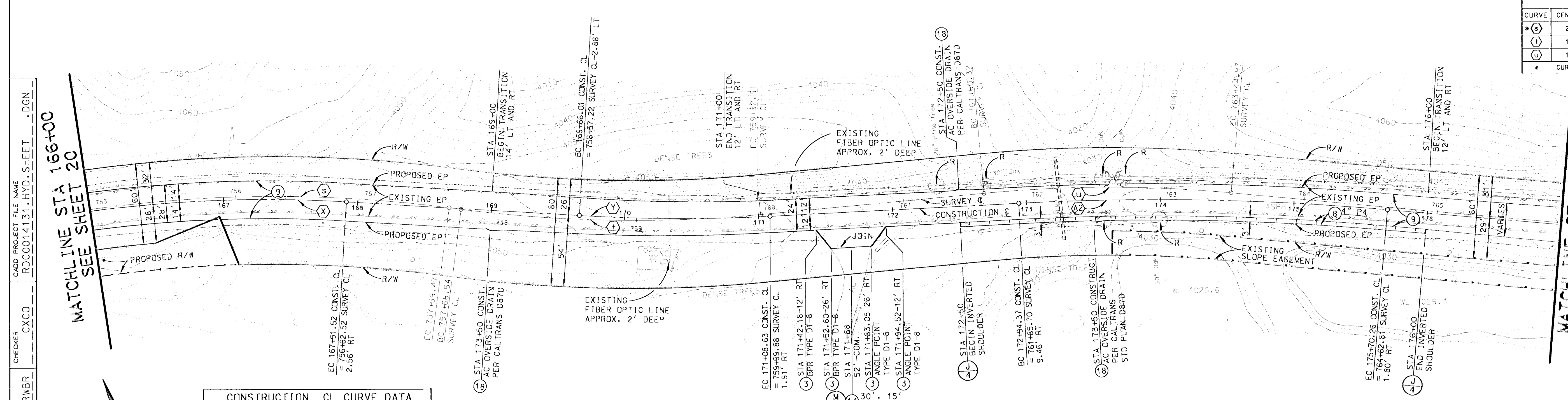


4040 LT  
4036  
4044  
4040 C  
4044  
4040 RT

MATCHLINE STA 177+00  
SEE SHEET 22

SURVEY CL CURVE DATA				
CURVE	CENTRAL ANGLE	RADIUS	LENGTH	TANGENT
(A)	26°14'54"	1000.00'	458.12'	233.15'
(B)	12°51'20"	1000.00'	224.37'	112.66'
(C)	10°34'47"	1000.00'	184.65'	92.59'

\* CURVE DATA DUPLICATED ON OTHER SHEET



MATCHLINE STA 177+00  
SEE SHEET 22

CONSTRUCTION CL CURVE DATA				
CURVE	CENTRAL ANGLE	RADIUS	LENGTH	TANGENT
(X)	22°07'31"	1000.00'	386.16'	195.51'
(Y)	6°23'02"	1280.00'	142.62'	71.38'
(Z)	7°54'14"	2000.00'	275.30'	138.17'

\* CURVE DATA DUPLICATED ON OTHER SHEET

BENCH MARK NO. 24 PWB 3711 0003  
L&N IN NW COR OF ELY MOST (GTE) CONC PAD 31FT  
S/D C/L PINE CYN RD & 3.14M SE/D THREE POINTS RD  
1FT E/D PP (N&M) 130FT W/D ROAD TO #21001  
ELEV. = 4048.574

BENCH MARK NO. 25 PWB 3711 0003  
5/8" IN N SIDE PP (N&M) 1FT UP 31FT S/D C/L PINE CYN  
RD & 3.25M SE/D THREE POINTS RD 300FT W/D DIRT  
RD TO (S)  
ELEV. = 4033.760

LA CD DPW BENCH MARK LIST  
LANCASTER WEST 1998 QUAD  
NAVD '88 DATUM

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REGISTERED PROFESSIONAL ENGINEER  
JEFFREY K. RUPP  
No. 42868  
Exp. 3/31/2004  
CIVIL  
STATE OF CALIFORNIA

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 21 OF 53

CADD PROJECT FILE NAME: RDC0014131\_HYD\_SHEET\_1.DGN  
CHECKER: CAXCO  
DESIGNER: JGR/RNBR  
DRAFTER: AAP

