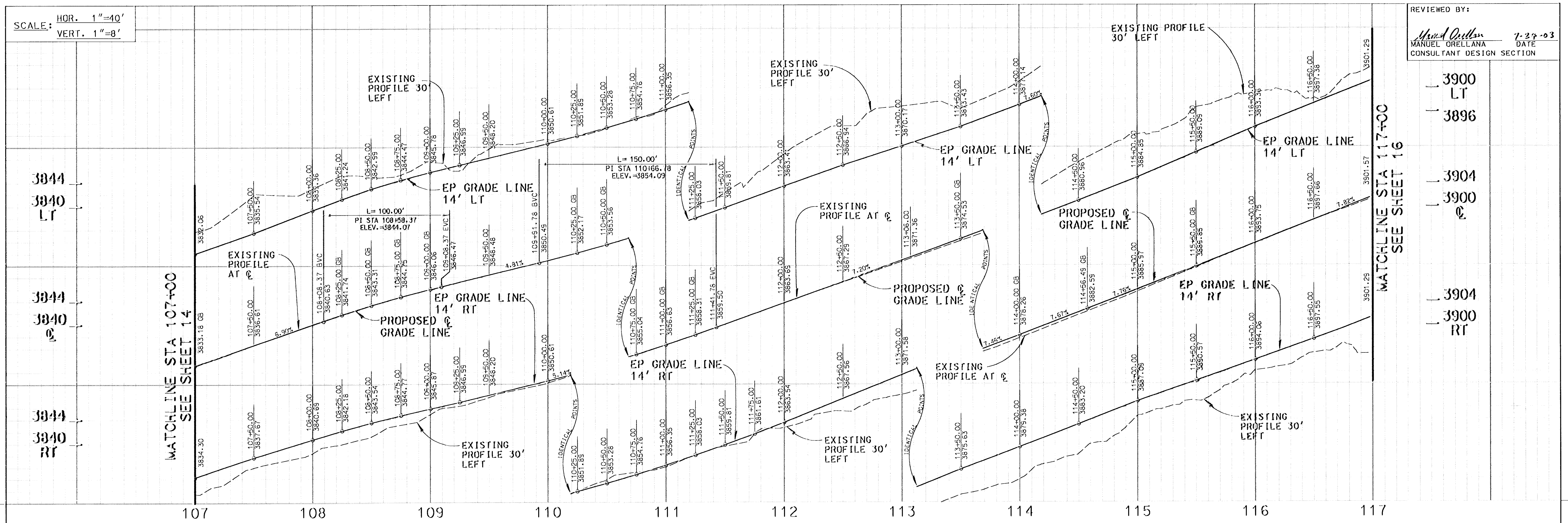


SCALE: HOR. 1"=40'  
VERT. 1"=8'

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

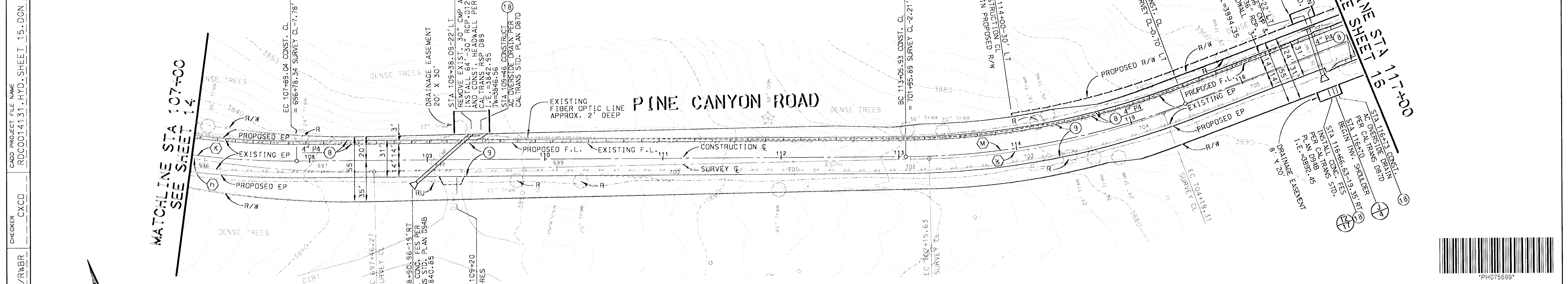


CONSTRUCTION CL CURVE DATA				
CURVE	CENTRAL ANGLE	RADIUS	LENGTH	TANGENT
* (K)	32°54'56"	650.00'	373.42'	132.02'
(W)	20°36'26"	675.00'	242.77'	122.71'

\* CURVE DATA DUPLICATED ON OTHER SHEET

SURVEY CL CURVE DATA				
CURVE	CENTRAL ANGLE	RADIUS	LENGTH	TANGENT
* (H)	34°00'33"	800.00'	474.86'	244.66'
(K)	19°27'00"	600.00'	203.68'	102.83'

\* CURVE DATA DUPLICATED ON OTHER SHEET



BENCH MARK NO. 15 P.W.B. 3711.0002  
11N TP FL 28FT S/O C/L PINE CYN RD & 1.8MI SE/O  
THREE POINTS RD 63FT E/O PP (NDW)  
ELEV.=3823.602

BENCH MARK NO. 111-52 P.W.B. 3711.0002  
CSBM MON 1.5FT DN 26FT S/O C/L PINE CYN RD &  
2.00MI SE/O THREE POINT RD 50FT NW/O PP (NDW)  
95FT W/O MI MKR 7.66 MKD (111-521960 5869)  
ELEV.=3886.122

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

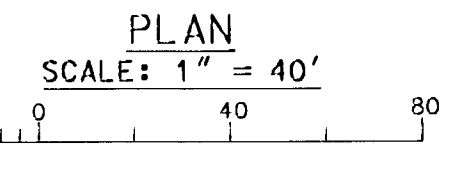
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REGISTERED PROFESSIONAL ENGINEER  
JEFFREY K. RUPP  
No. 42868  
Exp. 3/31/2004  
CIVIL  
STATE OF CALIFORNIA

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 15 OF 53



CADD PROJECT FILE NAME: RDC0014131\_HYD\_SHEET\_15.DGN  
CHECKER: CXCO  
DESIGNER: JGR/RWB  
DRAFTER: AAP



DATE	MK	DESCRIPTION