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

EXISTING PROFILE 30' LEFT
EP GRADE LINE 14' LT
PROPOSED ℄ GRADE LINE
EXISTING PROFILE AT ℄
EP GRADE LINE 14' RT
L= 200.00'
PI STA 131+62.93
ELEV.=4015.23
L= 200.00'
PI STA 134+00.00
ELEV.=4026.50
MATCHLINE STA 127+00
SEE SHEET 16
MATCHLINE STA 134+00
SEE SHEET 18
3984
3980
LT
℄
RT
4024
4020
LT
℄
RT
127
128
129
130
131
132
133
134

CONSTRUCTION CL CURVE DATA				
CURVE	CENTRAL ANGLE	RADIUS	LENGTH	TANGENT
*Ⓟ	73°48'13"	325.00'	418.64'	244.03'
Ⓝ	57°35'00"	300.00'	301.51'	164.87'
*	CURVE DATA DUPLICATED ON OTHER SHEET			

SURVEY CL CURVE DATA				
CURVE	CENTRAL ANGLE	RADIUS	LENGTH	TANGENT
*Ⓜ	74°14'39"	300.00'	388.75'	227.07'
Ⓝ	58°07'40"	300.00'	304.36'	166.73'
*	CURVE DATA DUPLICATED ON OTHER SHEET			

MATCHLINE STA 127+00
SEE SHEET 16
MATCHLINE STA 134+00
SEE SHEET 18
EXISTING FIBER OPTIC LINE APPROX. 2' DEEP
PINE CANYON ROAD
SURVEY ℄
PROPOSED F.L.
CONSTRUCTION ℄
PROPOSED EP
EXISTING EP
EXISTING FL
R/W
4" P4
50' TYPE ET
L=149'
CONSTRUCT GUARDRAIL PER CALTRANS STD. PLAN A77A
DRAINAGE EASEMENT 14' X 20'
STA 132+80.62 27.67' RT
CONST. CONC. FES PER CALTRANS STD. PLAN D94B
STA 132+24.18' RT CONST. END TREATMENT PER CALTRANS RSP A77M
STA 132+50 40' RES.
STA 131+74
STA 130+29.56 CONST. CL = 719+21.77 SURVEY CL 1.04' RT
STA 130+37
STA 129+87 18' RT CONST. END TREATMENT PER CALTRANS RSP A77M
STA 129+75 END INVERTED SHOULDER
STA 128+54 CONST. 7' RT CALTRANS STD. PLAN D87D
EC 128+29.83 CONST. CL = 717+21.95 SURVEY CL 2.30' RT
STA 123+50 BEGIN INV. SHOULDER
STA 123+53 CONSTRUCT CALTRANS STD. DRAINAGE INLET STD. PLAN D87D
STA 133+32 CONST. DRAINAGE INLET PER CALTRANS STD. PLAN D87D
EC 133+31.06 CONST. CL = 722+22.64 SURVEY CL
STA 133+32.64 CONST. 22.30' LT
STA 133+21.64 REMOVE EXISTING CATCH BASIN AND ABANDON STORM DRAIN PIPE PER CALTRANS STD. PLAN 3015-0
I.E.=4018.13 (12") 4018.33
EC 717+13.42 SURVEY CL
EC 719+20.66 SURVEY CL
EC 722+25.02 SURVEY CL
BC 719+20.66 SURVEY CL
R=300.00'
Δ=74°14'39"
L=388.75'
T=227.07'
716
717
718
719
720
721
722
723
724
3980
3990
4000
4010
4020
4030
4040

PLAN
SCALE: 1" = 40'
20 0 40 80

BENCH MARK NO. 18 PWLB 3711 0002
SPK IN TOP OF GUARD RAIL POST 26FT SW/O C/L PINE CYN RD (IN CURVE) & 2.34MI SE/O THREE POINTS RD
145FT WLY/O MI MKR 7.34
ELEV.=4017.855
LA CO DPW BENCH MARK LIST
LANCASTER WEST 1998 QUAD
NAVD '88 DATUM

BENCH MARK NO. 111-51A PWLB 3711 0002
CSBM MON 36FT ELY/O C/L PINE CYN RD & 2.25MI SE/O THREE POINTS RD 4.5 FT SELY/O PP#916189E
MKD (111-51A 1972)
ELEV.=3978.332

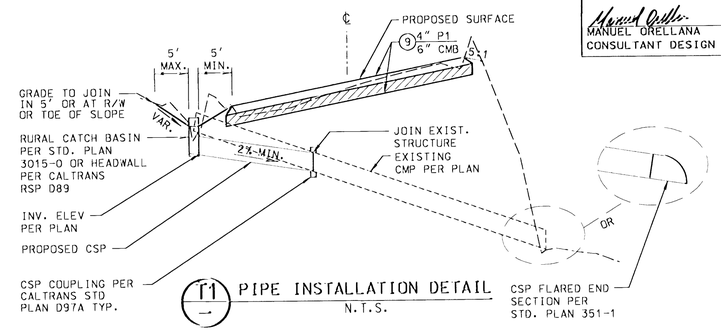
DAVID EVANS AND ASSOCIATES INC.
800 North Haven Avenue, Suite 300
Ontario California 91764
Phone: 909.481.5750

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

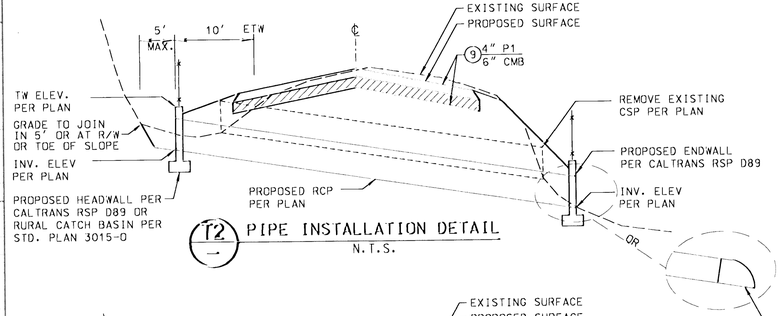
DATE	MK	DESCRIPTION

REVISIONS

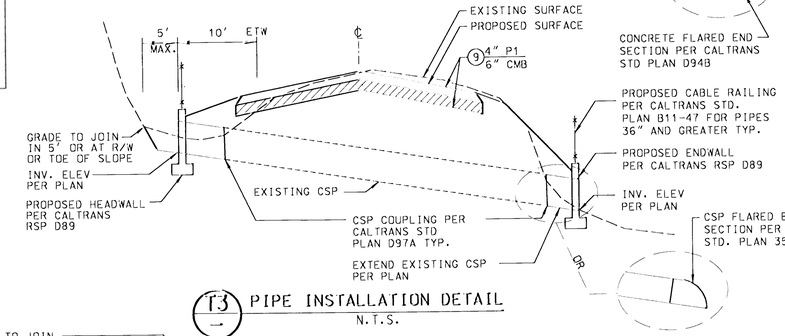
REVIEWED BY:
MANUEL ORELLANA
CONSULTANT DESIGN SECTION
7-24-03
DATE



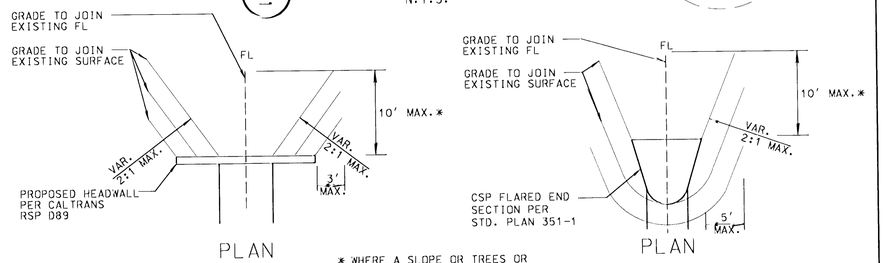
T1 PIPE INSTALLATION DETAIL
N.T.S.



T2 PIPE INSTALLATION DETAIL
N.T.S.



T3 PIPE INSTALLATION DETAIL
N.T.S.



* WHERE A SLOPE OR TREES OR FENCE ARE CLOSE BY, JOIN IN 5'.

T TYPICAL SECTION
N.T.S.

PH075701

JEFFREY K. RUPP
No. 42868
Exp. 3/31/2004
CIVIL
STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER
PROJECT ENGINEER
7/10/03
DATE

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 17 OF 53

DRAFTER AAP
DESIGNER JGR/RWBR
CHECKER CXCO
CADD PROJECT FILE NAME RDC0014131-HYD-SHEET 17.DGN