Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed

F.B. 3824 Pg.

Page	Job	Description
		NAME — JOB NO.
		ENTRADA ROAD (MALIBU-TOPANGA AREA) — 0055.03
5-6	Index	
7-13	C.L.	Survey of destroyed portion of Entrada Road Center line to establish intersection at Poquito Lane for purposes of locating trees possibly in Right of Way of property fronting 21914 Entrada Rd.
15-17	B.M.	Bench Mark for P.T. SHEET H-240
		~~ENTRADA RESERVOIR SITE~~ 5292.12 W.W.DIST. #29
19-20	Index	
21-34	C.L.	Survey of Colina Dr., Waveview Dr. and "P" Line to Site.
35-40	B.M.	Bench levels on Topanga Cyn. Blvd. to estab. starting Bench at Entrada Rd.
41-56	B.M.	Bench levels on Entrada Rd. from Topanga Cyn. Blvd. N'E'ly. to Waveview Dr.
57-68	B.M.	Bench levels over "P" Line above
69-82		L.A. City & L. A. County Bdry. Line and Tie to "P" Line above
83-84	Bdry.	L.A. City - L.A. Co. retracement
		W.W.#29 - ENTRADA TANK SITE 5293.88
85-90		Horrizontal control for topog. & tie to L.A. City Bdry.

Rd. Debt. File July 85

Microfilmed Jan 85.

RDFB 1410

77

Notes Ck'd by R. HILARIO	Survey of Entrada Rd
Map No.	JN 00300 Tape 234 Std 84 °F
Office Work	Surveyed by Strader
Checked	Notes Strader Date 6-11-70
Date	Indexed C. J. GACH JUN 24 '70

F. B. 3824 PG. 5

SURVEY OF DESTROYED PORTION OF ENTRADA ROAD ℄ TO ESTABLISH INTERSECTION AT POQUITO LANE FOR PURPOSES OF LOCATING TREES POSSIBLY IN RIGHT OF WAY OF PROPERTY FRONTING 21914 ENTRADA ROAD

J.N. 0055.03

REF.

FB 760
FB 2987
C.S.B. 1485

PARTY

R STRADER
M WACKER
R SWANN
L MANLEY

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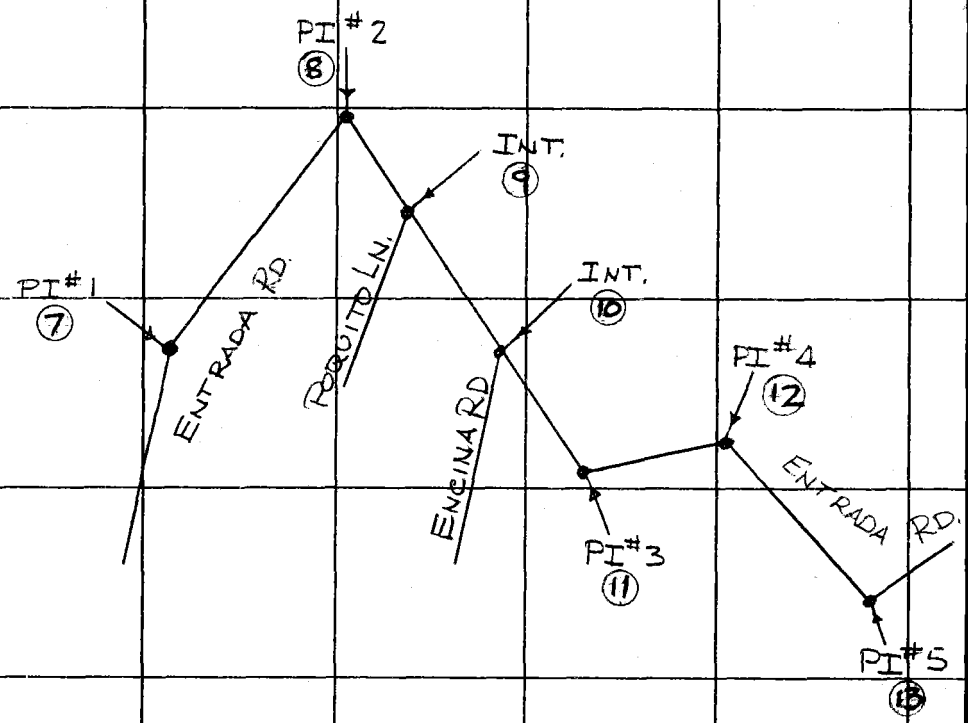
76F309S CE#310 3-68

RDFB 1410 78, 79

F. B. 3824 PG 6

INDEX



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RDFB 1410

80

Notes Ck'd by R. HILARIO	Survey of ENTRADA ROAD
Map No.	JN 0303.00 Tape 234 Std 84 °F
Office Work	Surveyed by R L STRADER
Checked	Notes R L STRADER Date 6-11-70
Date	Indexed C. J. GALLI JUN 24 70

F. B. ~~3824~~ PG. 7

W.S. 144-097.8-3 & W.S. 89.C-3

T = 76

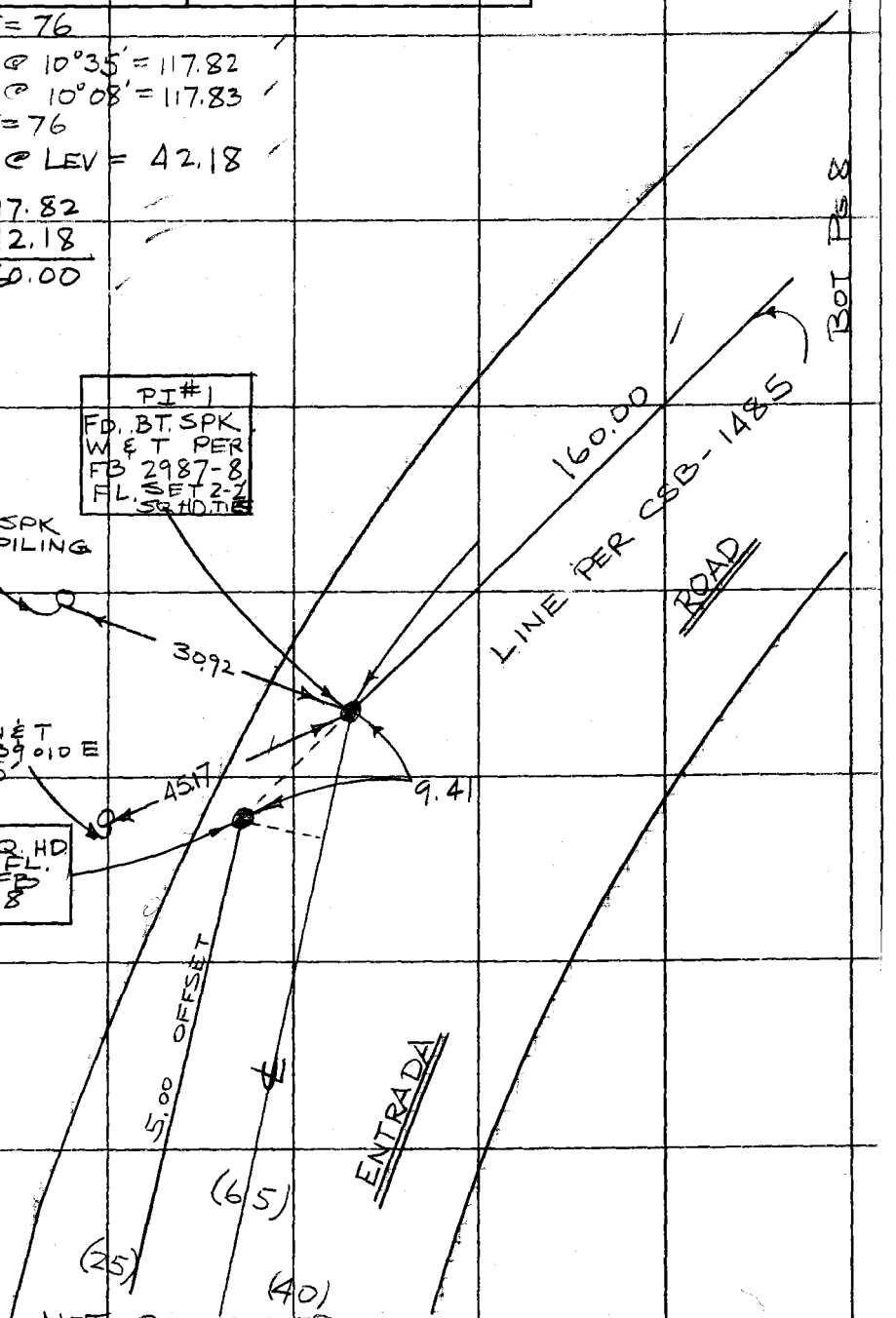
119.88 @ 10°35' = 117.82

119.71 @ 10°08' = 117.83

T = 76

42.18 @ LEV = 42.18

117.82
42.18
160.00



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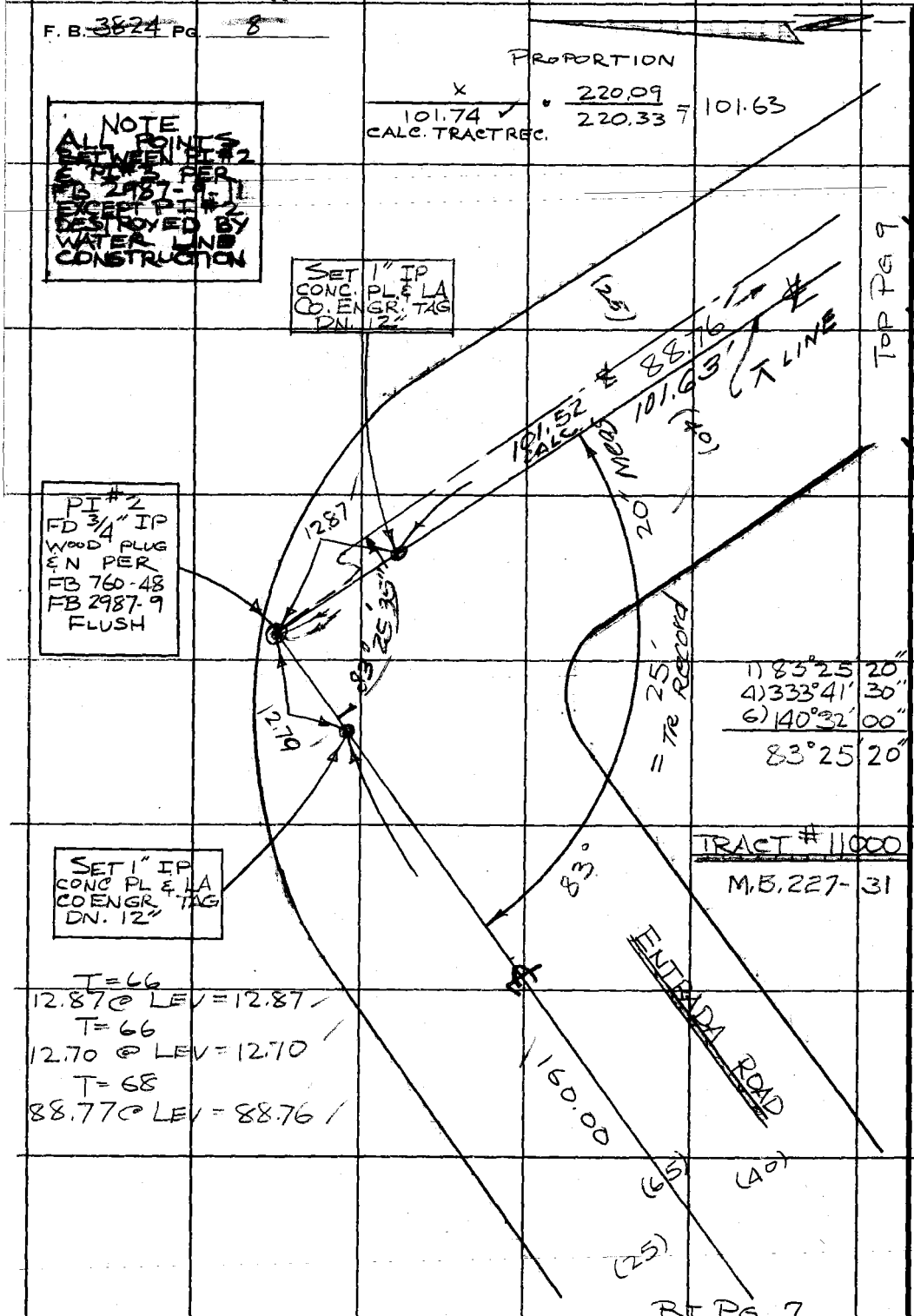
RDFB 1410 81

F. B. ~~3824~~ PG. 8



1) 83°25'20"
4) 333°41'30"
6) 140°32'00"
83°25'20"

TRACT # 11000
M.B. 227-31

T=66
12.87 @ LEV = 12.87
T=66
12.70 @ LEV = 12.70
T=68
88.77 @ LEV = 88.76

W.S. 144-097, B-3 & W.S. 89, C-3

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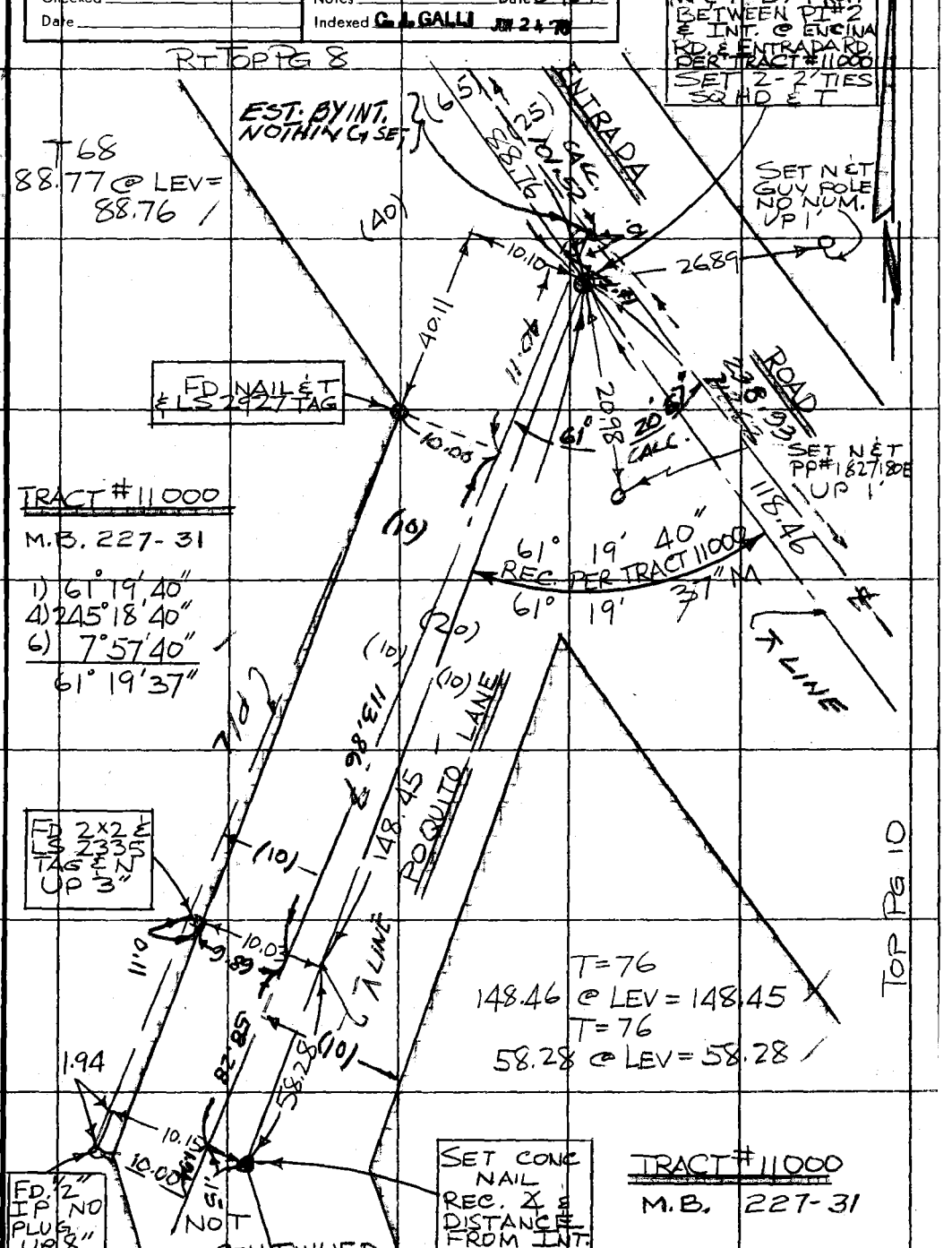
RDFB 1410 82

Notes Ck'd by R. HILARIO	Survey of ENTRADA ROAD
Map No.	JN 0303.00 Tape 234 Std 84 °F
Office Work	Surveyed by R L STRADER
Checked	Notes R L STRADER Date 6-12-70
Date	Indexed C. L. GALLI JUN 24 70

F. B. 3824 PG. 9



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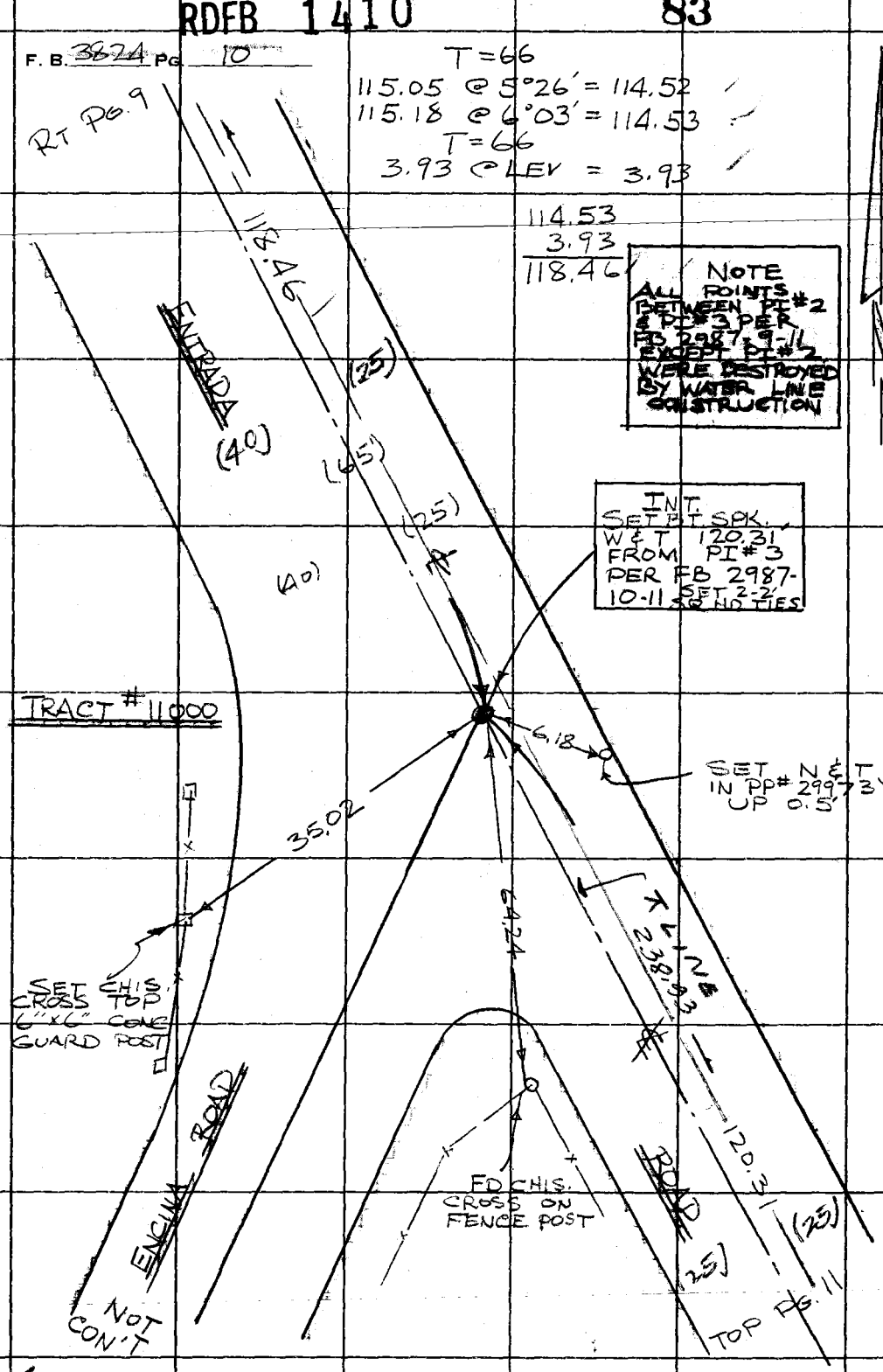
76F309S CE#310 3-68

F. B. 3624 Pg. 10



W.S. 144-09T.B-3 & W.S. 89C-3

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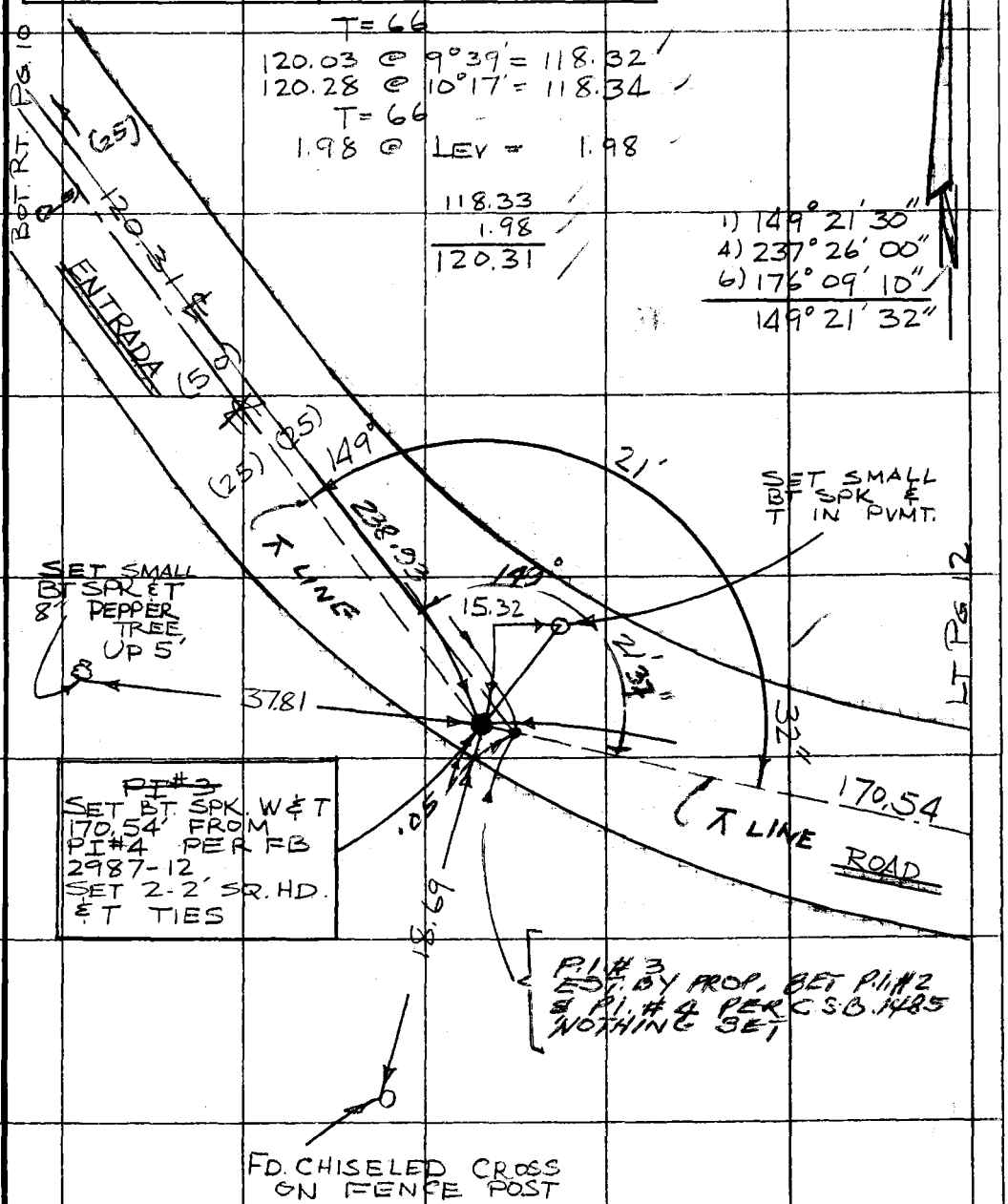
RDFB 1410 84

Notes Ck'd by R. MILARIO	Survey of ENTRADA ROAD
Map No.	JN 0303.00 Tape Sta 84 °F
Office Work	Surveyed by R L STRADER
Checked	Notes R L STRADER Date 6-12-70
Date	Indexed C. J. GALLI JUN 24 70

F. B. 3824 PG. 11



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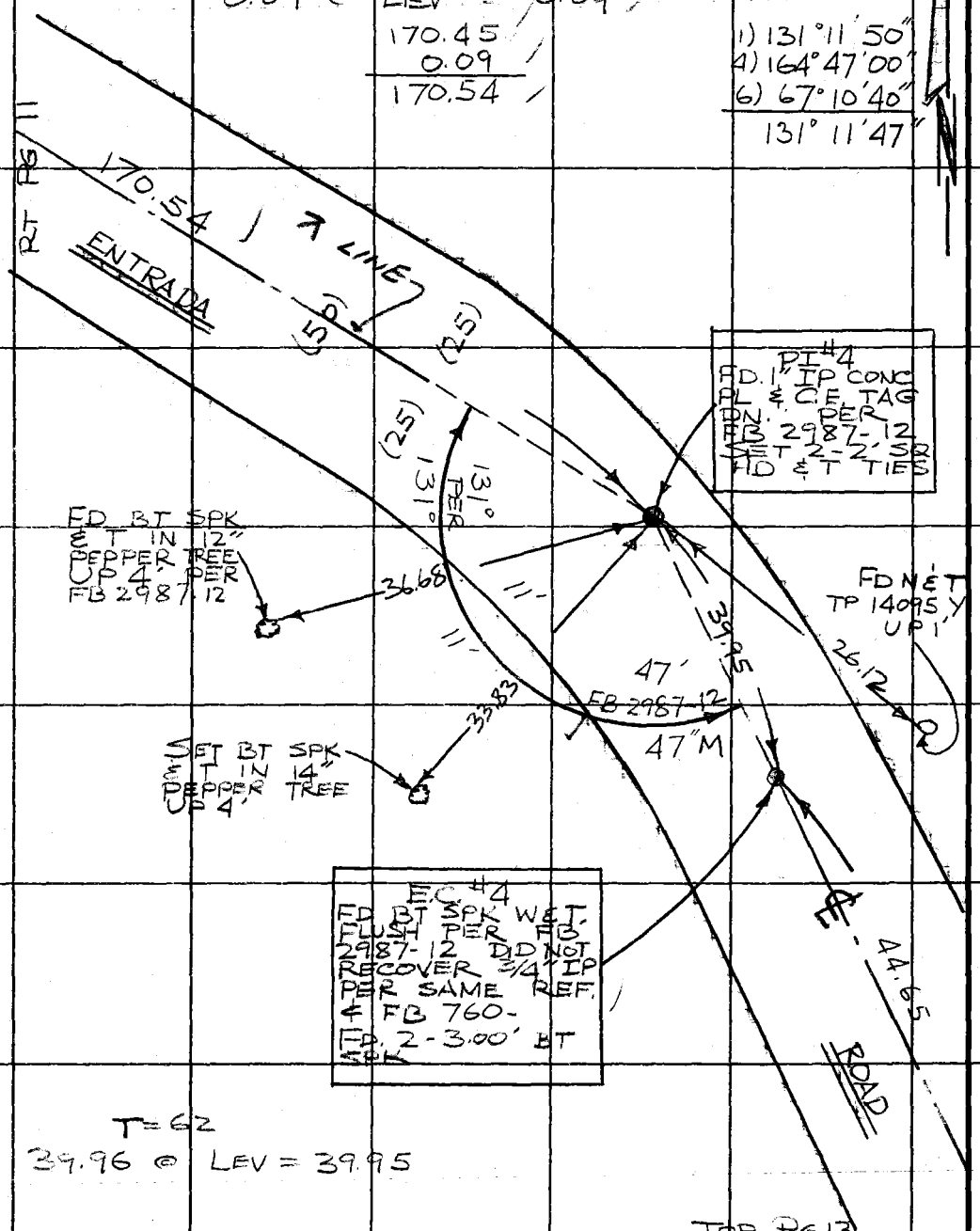
F. B. ~~3824~~ Pg. ~~12~~

T=64
171.28 @ 5°35' = 170.45
171.36 @ 5°51' = 170.45
T=64
0.09 @ LEV = 0.09

170.45
0.09
170.54

NOTE
ALL POINTS BETWEEN PI#3 & PI#4 PER FB 2987-11,12 EXCEPT BOTH PIS WERE DESTROYED BY WATER LINE CONSTRUCTION

1) 131°11'50"
4) 164°47'00"
6) 67°10'40"
131°11'47"



T=62
39.96 @ LEV = 39.95

TOP PG 13

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RDFB 1410

86

Notes Ck'd by R. HILARIO	Survey of ENTRADA ROAD
Map No.	JN 0303.00 Tape Std 84 °F
Office Work	Surveyed by R L STRADER
Checked	Notes R L STRADER Date 6-11-70
Date	Indexed C. J. GALLI JUN 24 '70

F. B. 3824 PG. 13

W.S. 144-097, B-3 & W.S. 89, C-3

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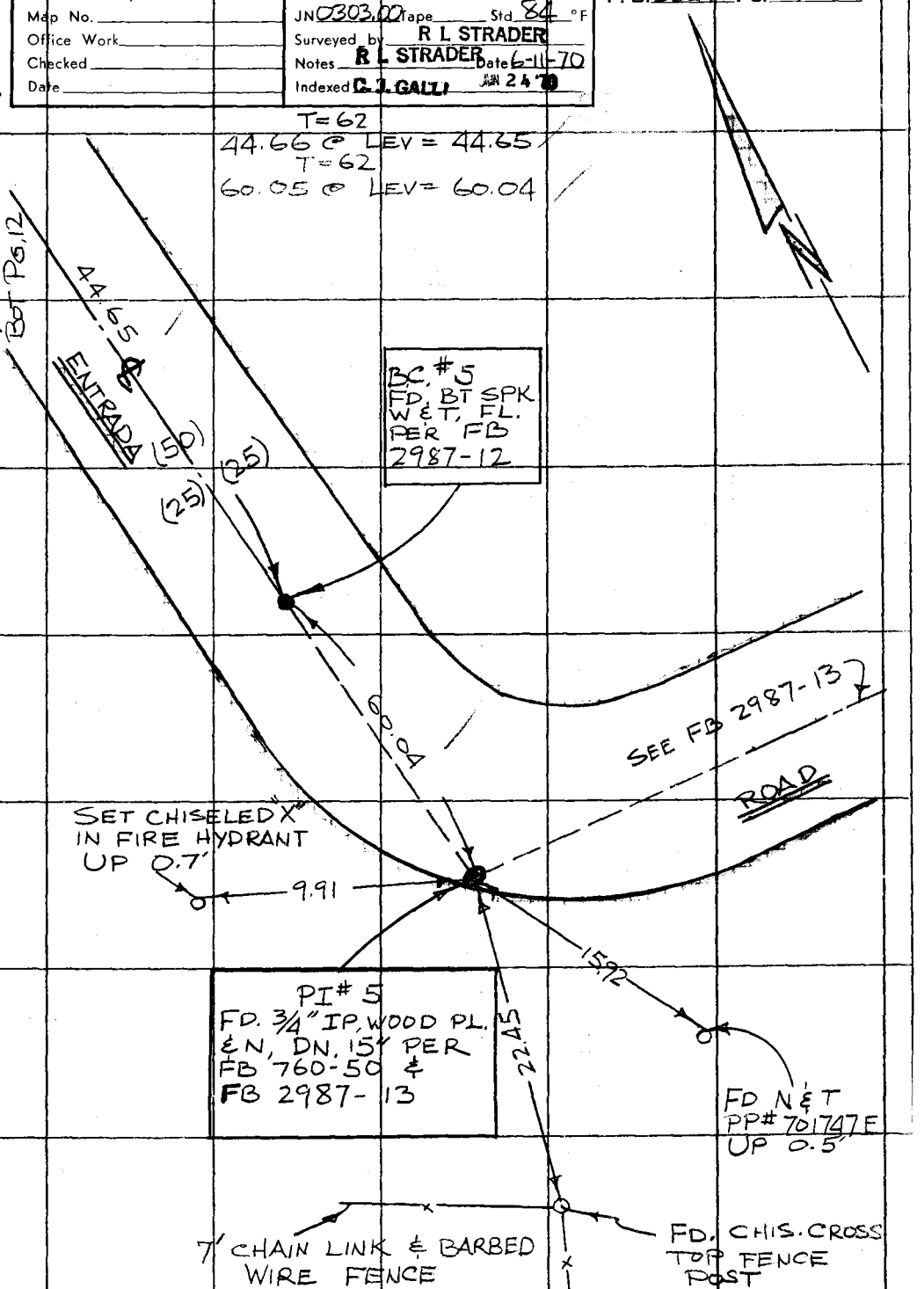

76F309S CE#310 3-68

Profile No.	Notes Red	Plotted	Job No. 0055.03	Division No. 11	F. B. 3824 PG. 15
	Date	Date	Survey of ENTRADA RD - FRONTING #21914		
X-Sec. No.	Notes Chk'd. RDJ	Checked	Survey by STRADER	Notes RLS	Date 6-12-70
	Date 5-10-72	Date	Map No.	Indexed C. J. GALLI	Date JUN 24 '70

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STATION	B. S.	H. I.	F. S.	ELEV.	
					BENCH MARK For TOPOGRAPHIC MAP H-240 ENTRADA RD - FRONTING 21914 ENTRADA RD
					STRADER WACKER MANLEY SWANN

76-L.298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		770.418 1970 adj
BM 56-9	5450	776020		770570	B.M. 56-9 Elev.	770.570 / F.B. 2987-1960
			1964 Adj. = 770.504		Topanga Cn Rd & Topanga School Rd on NE Cor of Bridge No 1282 a L.A. Co. Engr. brass Cap with Button Marked "BM 56-9, 1960 R.E. 5869"	
T.P.	6989	778267	4742	771278	T.P. Spk P.K.	
T.P.	8940	782304	4903	773364	T.P. Spk P.K.	
T.P.	9989	788518	3775	778529	T.P. " "	
T.B.M.	7980	795359	1139	787379	T.B.M. ENTRADA RD. 100' ± NORTH OF	
T.P.	11969	807028	0300	795059	INT. TOPANGA CYN. BLVD. SET BT. SPK	
T.P.	11285	817643	0670	806358	IN 24" OAK WEST SIDE OF RD.	
T.P.	11400	828585	0458	817185		
T.P.	11379	839356	0608	827977		
T.P.	10560	849042	0874	838482		
T.B.M.	7131	852879	3294	845748	T.B.M. P.I. # 2 3/4" IP PER. F.B. 3824-8	
T.B.M.			0790	852089	T.B.M. 60' NORTH OF NORTH SIDE ENTRADA RD. (APPROX) PROD. OF POQUITO RD. SET BT. SPK. IN 36" OAK	
	0635	852724				
T.P.	1106	841871	11959	840765		
T.P.	1352	831702	11521	830350		
T.P.	1122	821749	11075	820627		
			11150	810599		

X

F. B. 3824 Pg. 16 | Job No. 005503 | Division No. 11 | Notes Red | Plotted | Profile
Survey of ENTRADA RD. FRONTING #2914 | Date | Date | No.
Survey by STRADER | Notes STOCK | Notes Chk'd. RBB | Checked | X-Sec.
Indexed C.L. GALLI | Date | Date 3-10-72 | Date | No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.	0 408	811007		810 599		
T.P.	0 930	801 007	10930	800077		
T.P.	1 193	792 244	9 956	791051		
T.P.	1 980	782 843	11 381	780863		
T.P.	4 790	778 145	9 488	773 355		
T.P.	5 060	776 328	6 877	771 268		770.418 1970 adj
B.M. 56-9			5 770	770558	B.M. 56-9 EL. =	770.570

Profile Notes Red ____ Plotted ____ Job No. 205503 Division No. 11 F. B. 3824 Pg. 17
No. ____ Date ____ Date ____ Survey of ENTRADA RD. - FRONTING # 21914
X-Sec. Notes Chk'd. RGD Checked ____ Survey by STRADER Notes SOCK Date 6-12-70
No. ____ Date 3-10-71 Date ____ Map No. ____ Indexed C. J. GALLI Date JUN 24 '70

RDFB 1410

87

Notes Ck'd by R. HILARIO	Survey of W.W. DIST 29 ENTRADA RES. SITE
Map No.	JN 5292.12 Tape 12 Std 84 °F
Office Work	Surveyed by R.C. DALE
Checked	Notes R.C. DALE Date 9-12-72
Date	Indexed G. D. BAILEY DEC 13 1972

F. B. ~~3624~~ PG. 19

W.W. DIST. 29

ENTRADA RESERVOIR SITE

JN 5292.12

REF

FB 760
CSB 1495

PARTY

R.C. DALE
B.R. JACKSON
G.W. ADAMS
W.J. DIETZ
H.B. MITCHELL

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76F3095 CE#310 3-68

RDFB 1410 88 , 89

F. B. ~~3824~~ PG. ~~30~~

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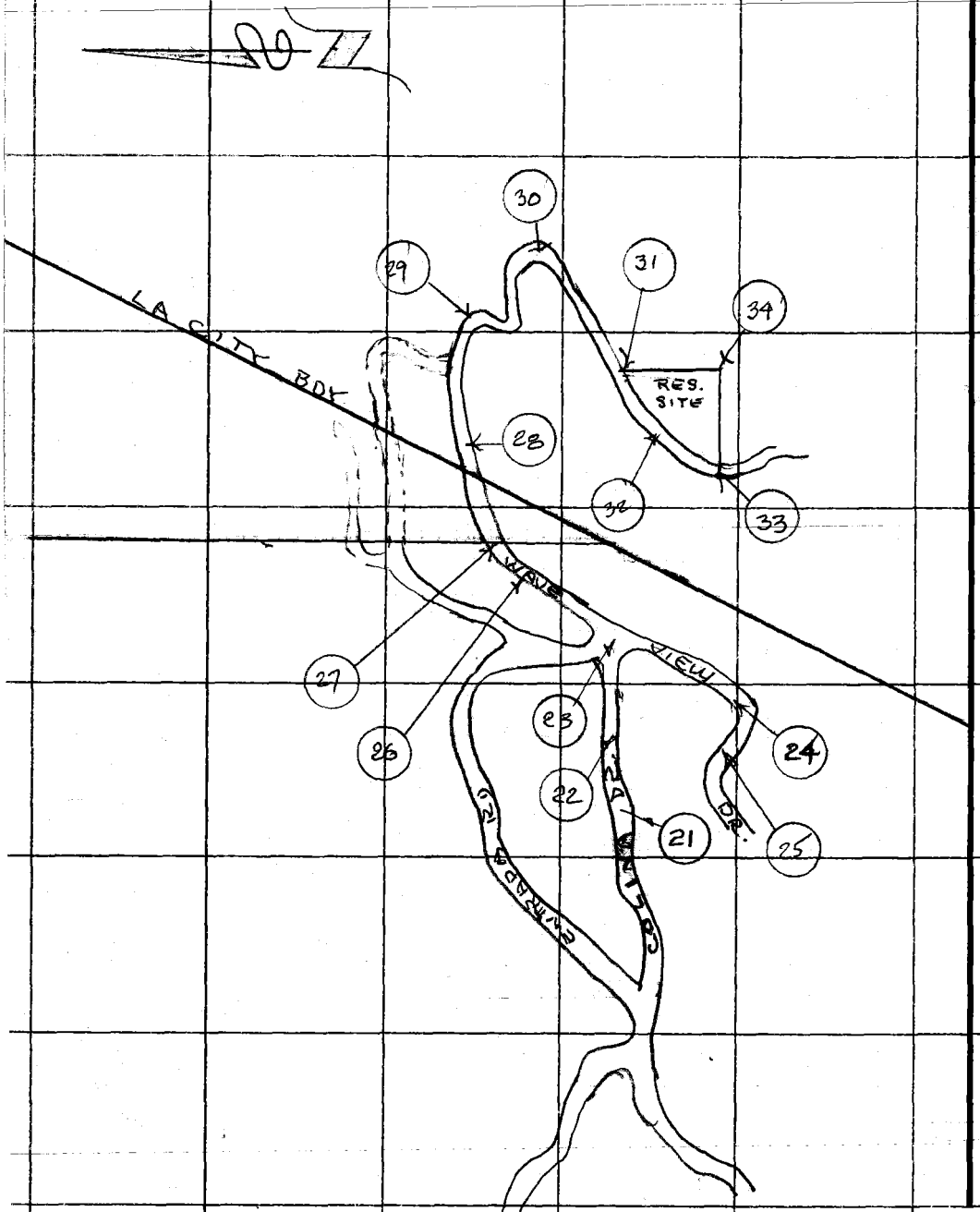

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RDFB 1410

90

Notes Ck'd by R. HILARIO
Map No.
Office Work
Checked
Date

Survey of COLINA DRIVE
JN 0303.00 Tape 12 Std 84 °F
Surveyed by B. JACKSON
Notes B. JACKSON Date 9-17-72
Indexed G. D. BAILEY DEC 13 1972

F. B. 3824 PG. ~~21~~

TO BOT. PG. 22

W.S. 144-097, B-3 & W.S. 89, D-3

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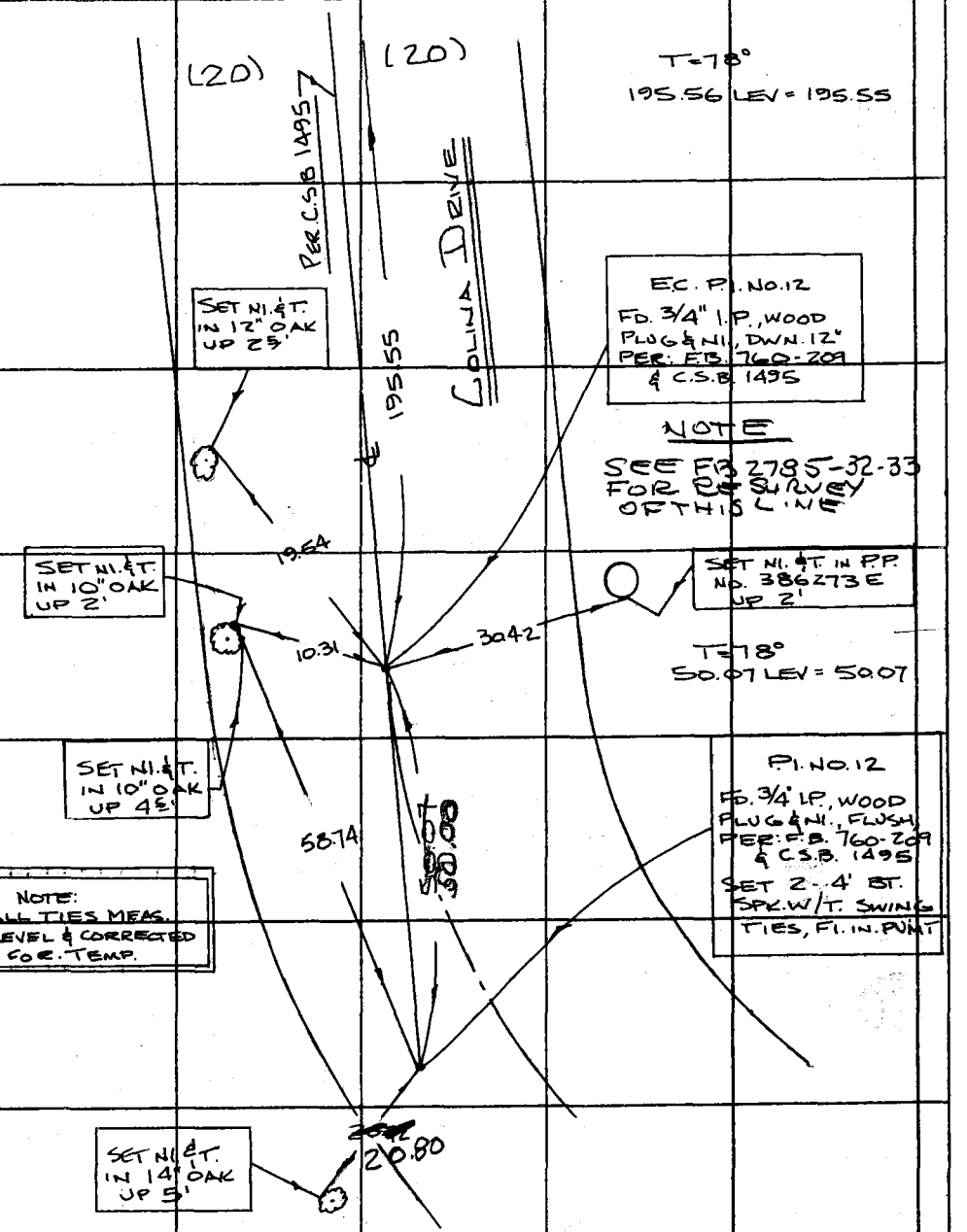

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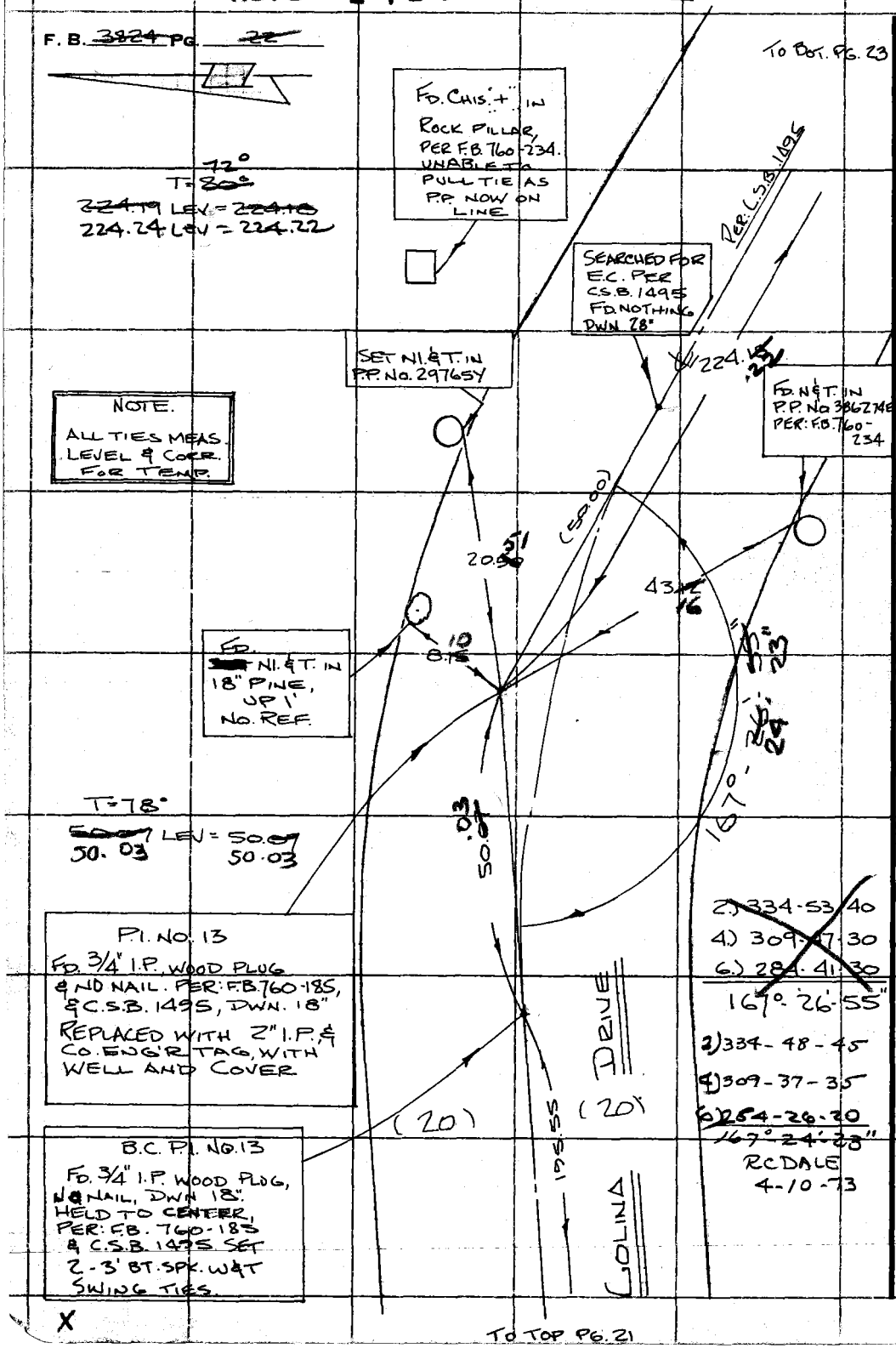
76F309S CE#310 3-68



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RDFB 1410

92

Notes Ck'd by R. HILARIO	Survey of COLINA & WAVEVIEW DR.
Map No.	JN 0303.00 Tape 12 Std 84 °F
Office Work	Surveyed by B. JACKSON
Checked	Notes B. JACKSON Date 9-12-72
Date	Indexed G. D. BAILEY DEC 13 1972

F. B. 3824 PG. 23

W.S. 144-097, B-3 & W.S. 89, D-3

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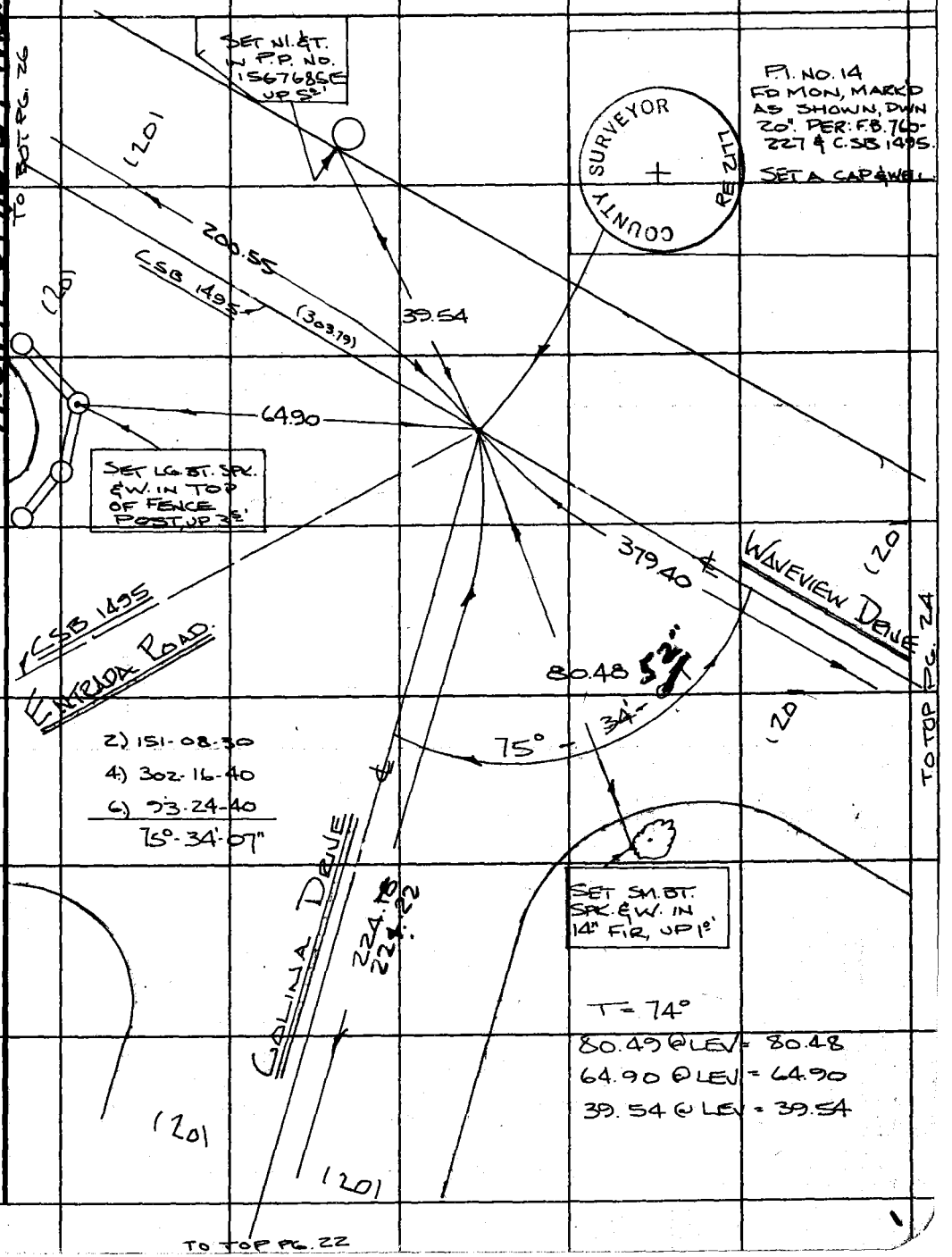

16F309S CE#310 3-68

RDFB 1410 93

F. B. ~~3824~~ PG. 24

T=76°
284.76 @ 5°-03' = 283.64
284.81 @ 5°-10' = 283.64
95.76 @ LEV = 95.76

TO RT. PG. 23

283.64
95.76
379.40

B.C. P.I. NO. 2
FD. 3/4" I.P., WOOD PLUG & NI. DWN. 18", GOOD CONDITION. HELD TO THIS POINT FOR LINE TO THE NORTH AS REC. & AND DIST. MATCH RECORD CLOSER THAN IF P.I. NO. 2 WAS USED. P.I. NO. 2 APPEARS TO HAVE BEEN DISTURBED, LEANING S'LY. PER: F.B. 760-219 & CSB 1495
SET 2-3' BT. SPK. W. & T. SWING TIES

RESET 2" I.P. CONC. PLUG. & LACO ENG'G TAG

WAVEVIEW DRIVE
(CSB 1495)

(20)
379.40
(20)
66°
11'
6"

SET NI. & T. IN 6" PINE UP 4"

212.20

CONT. LEFT PG. 23

2) 239-52-40
4) ~~119-45-30~~
6) 359-38-30
~~119°-56'-25"~~ 119°-57'-25"

25"

40.27

SET NI. & T. IN 8" OAK UP 2'

119°

70.86

25.15

33.20

(70.86)

141.80
141.72

SET NI. & T. IN P.P. NO. 1639395 UP 2"

T=70°
33.20 LEV.
40.27 LEV.
25.15 LEV

P.I. NO. 2
FD 3/4" I.P., NO PLUG OR NAIL, DWN 8". APPEARS TO HAVE BEEN DISTURBED; REMOVED AND RE-SET A 2" I.P. CONC. PLUG & CO. ENG'G TAG, AT REC. DIST PER: CSB 1495 & ON LINE FROM P.I. NO. 14 N'LY, FROM B.C. P.I. NO. 2. DWN 8"

TO TOP PG. 25

2) 132-22-20
4) 264-44-40
6) 37-07-20
66°-11'-13"

2) 239-54-50
4) 29-49-40
6) 359-44-30
119°-57'-25"

RC DALE
2-10-73

120.60 @ 6°54' T=36° = 119.71
120.70 @ 7°18' T=58° = 119.70 = 119.70
92.65 @ 4°09' T=60° = 92.40
92.99 @ 6°28' T=60° = 92.40 = 92.40
212.20

RCD.

W.S. 144-097B-33 W.S. 89-D-3

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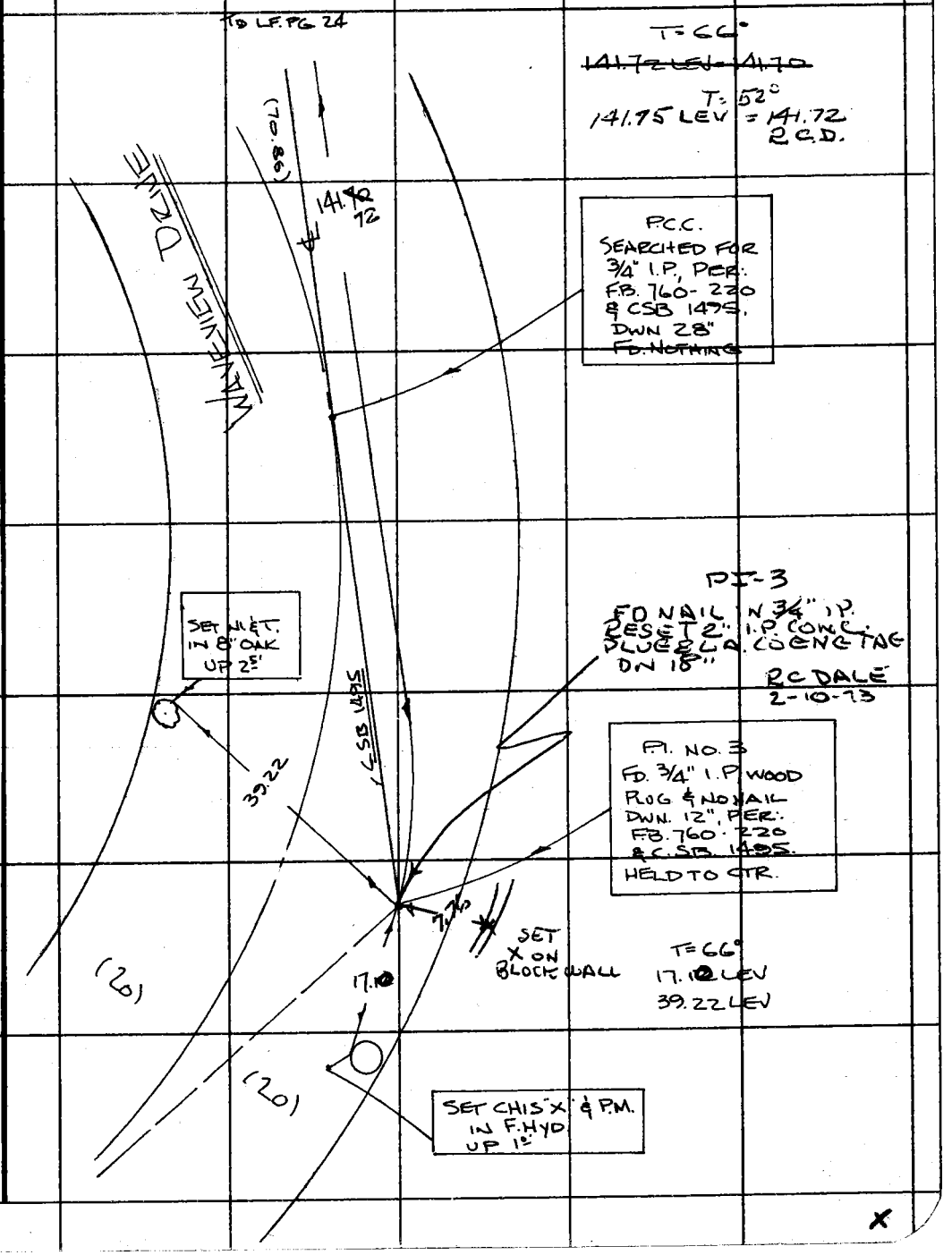
RDFB 1410

94

Notes Ck'd by R. HILARIO	Survey of WAVEVIEW DRIVE
Map No.	JN 0303.00 Tape 12 Std 84 °F
Office Work	Surveyed by B. JACKSON
Checked	Notes B. JACKSON Date 9-12-72
Date	Indexed G. D. BAILEY DEC 13 1972

F. B. ~~3824~~ PG. ~~25~~



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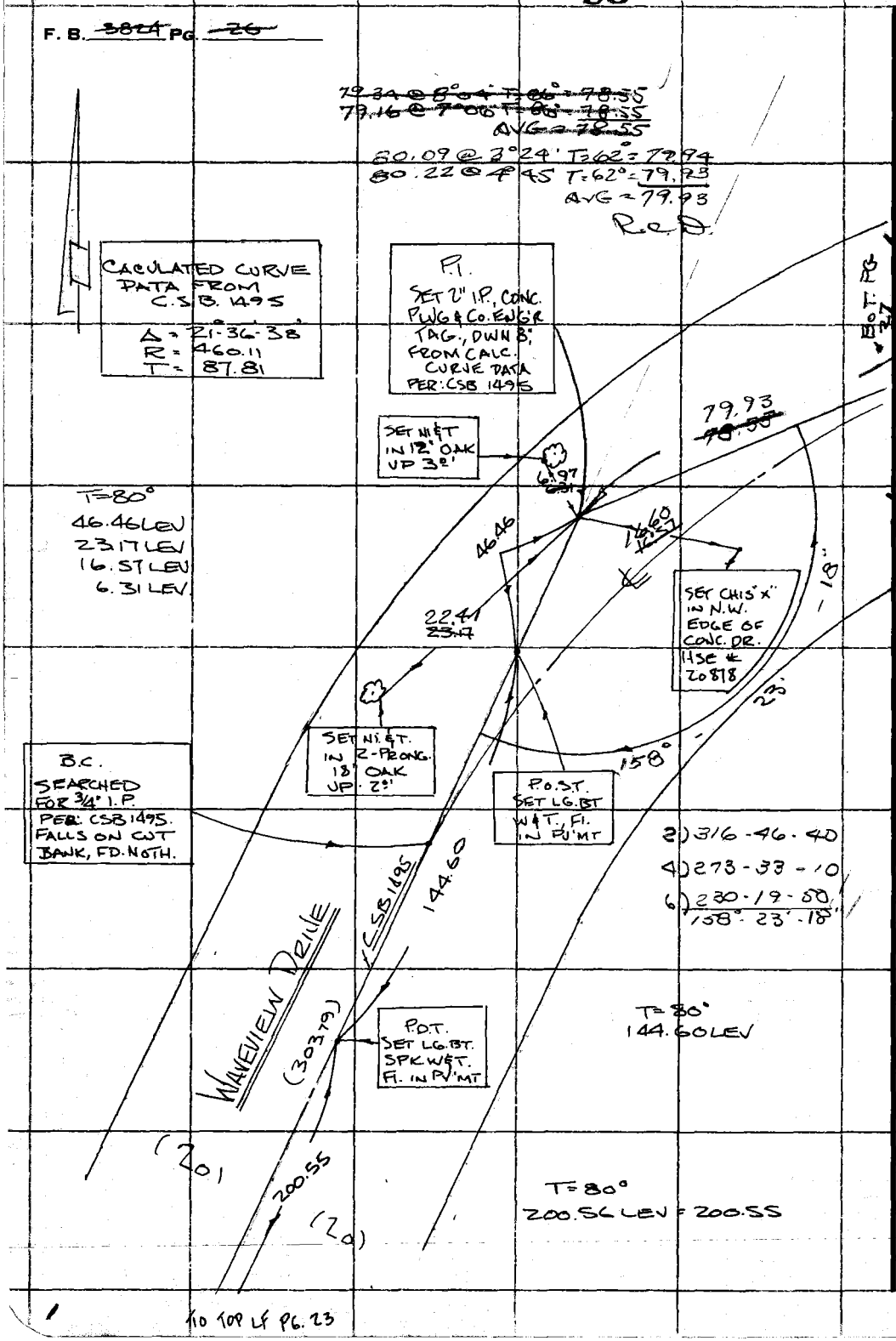
76F309S CE#310 3-68

RDFB 1410

95

F. B. ~~3824~~ PG. ~~26~~



TO TOP LF PG. 23

W.S. 144-097, B-3 & W.S. 89, D-3

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RDFB 1410

96

Notes Ck'd by R. HILARIO	Survey of ENTRADA RES. SITE
Map No.	JN 5292.12 Tape 12 Std 84 °F
Office Work	Surveyed by R. C. DALE
Checked	Notes R. C. DALE Date 9-15-71
Date	Indexed G. D. BAILEY DEC 13 1972

F. B. ~~3934~~ PG. 27

WS.144-097,B-3 & W.S.89,D-3

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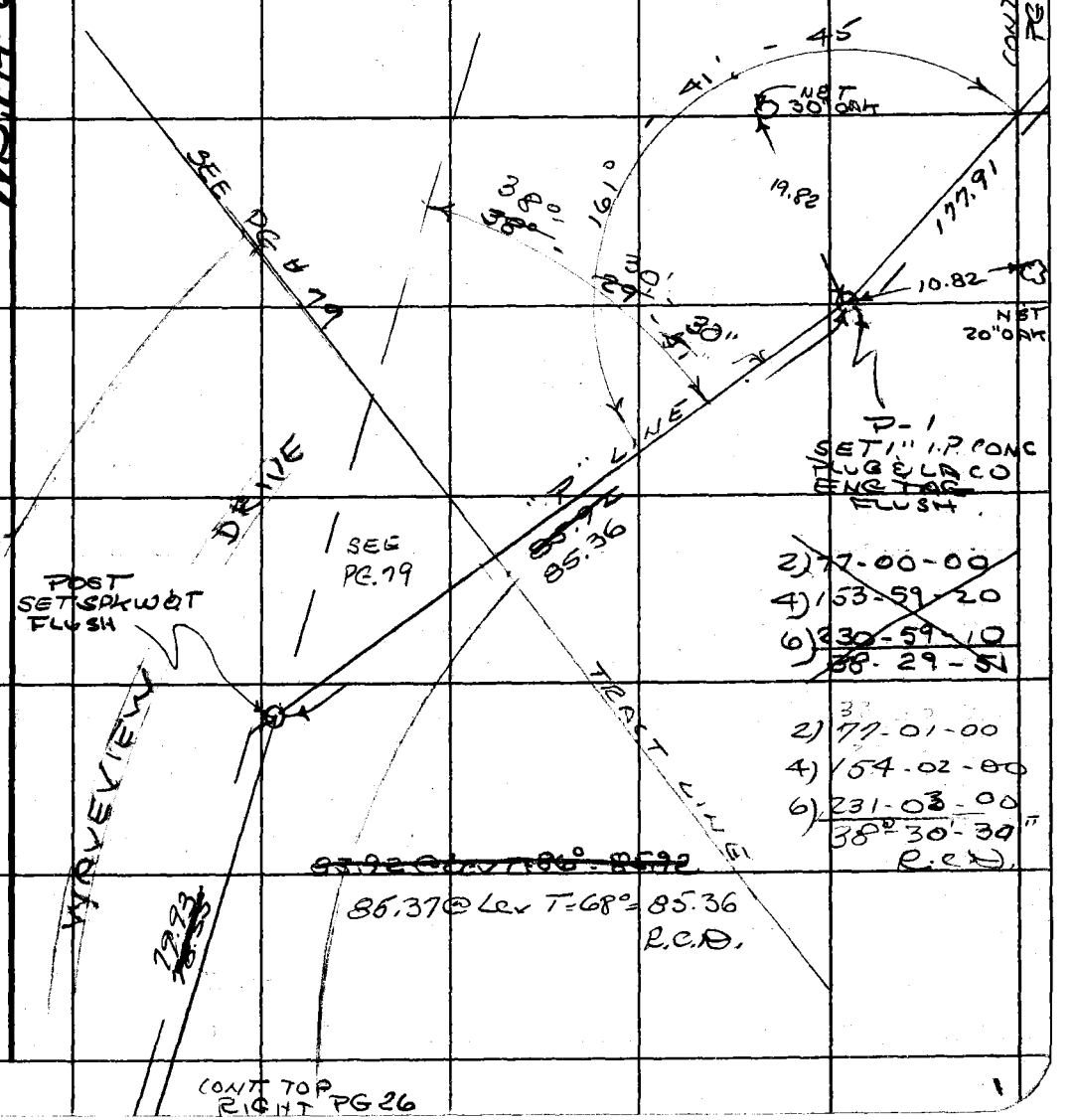
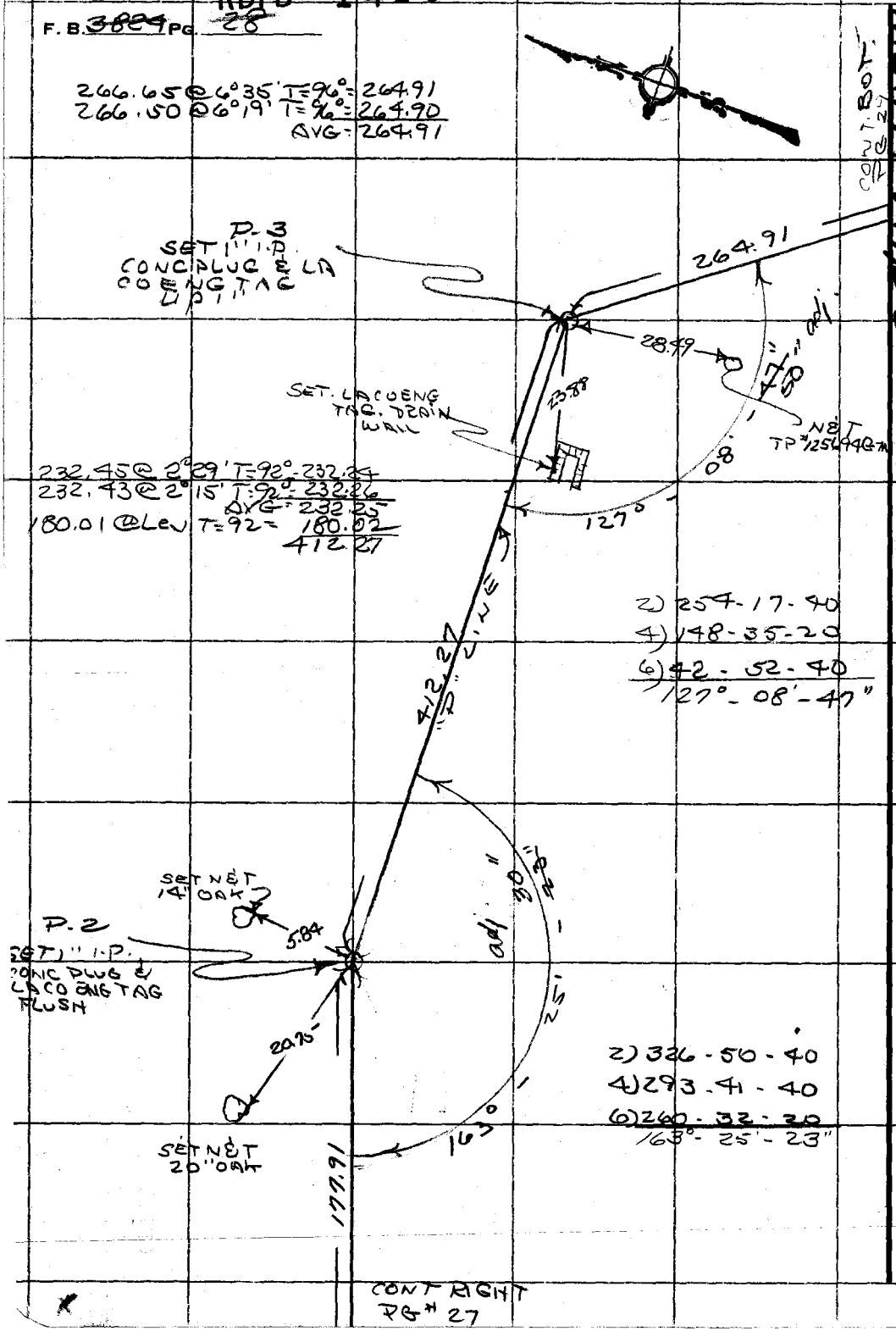


76F3095 CE#310 3-68

RDFB 1410 97

F. B. ~~3824~~ PG. ~~28~~

266.65 @ 6°35' T=96° = 264.91
266.50 @ 6°19' T=96° = 264.90
AVG = 264.91



W.S. 144-097, B-3

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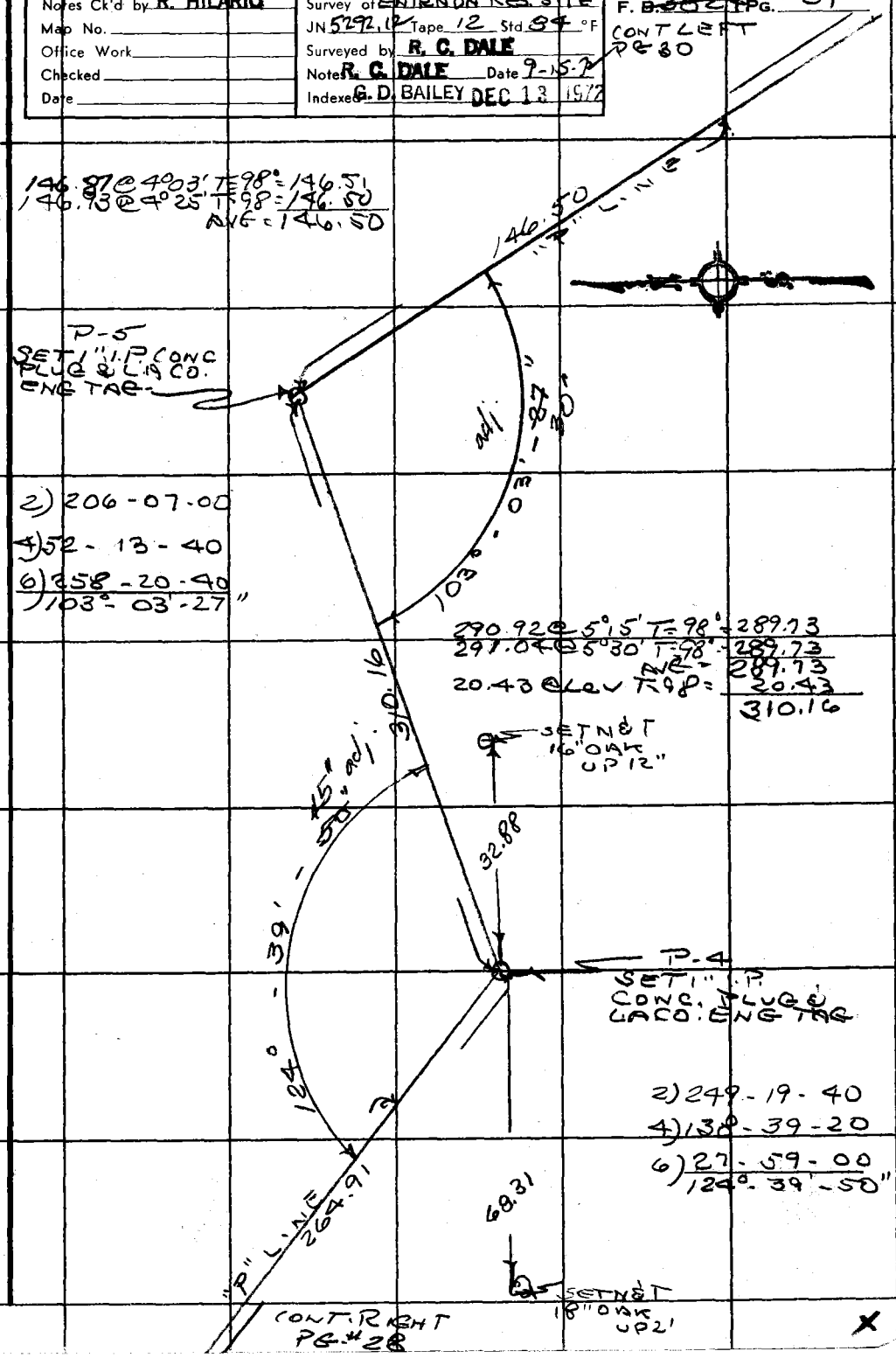
RDFB 1410 98

Notes Ck'd by R. HILARIO	Survey of WW Dist 29 ENTRADA RES. SITE
Map No.	JN 5292.12 Tape 12 Std 84 °F
Office Work	Surveyed by R. C. DALE
Checked	Notes R. C. DALE Date 9-15-72
Date	Indexed G. D. BAILEY DEC 13 1972

F. ~~B. 3027~~ PG. ~~29~~



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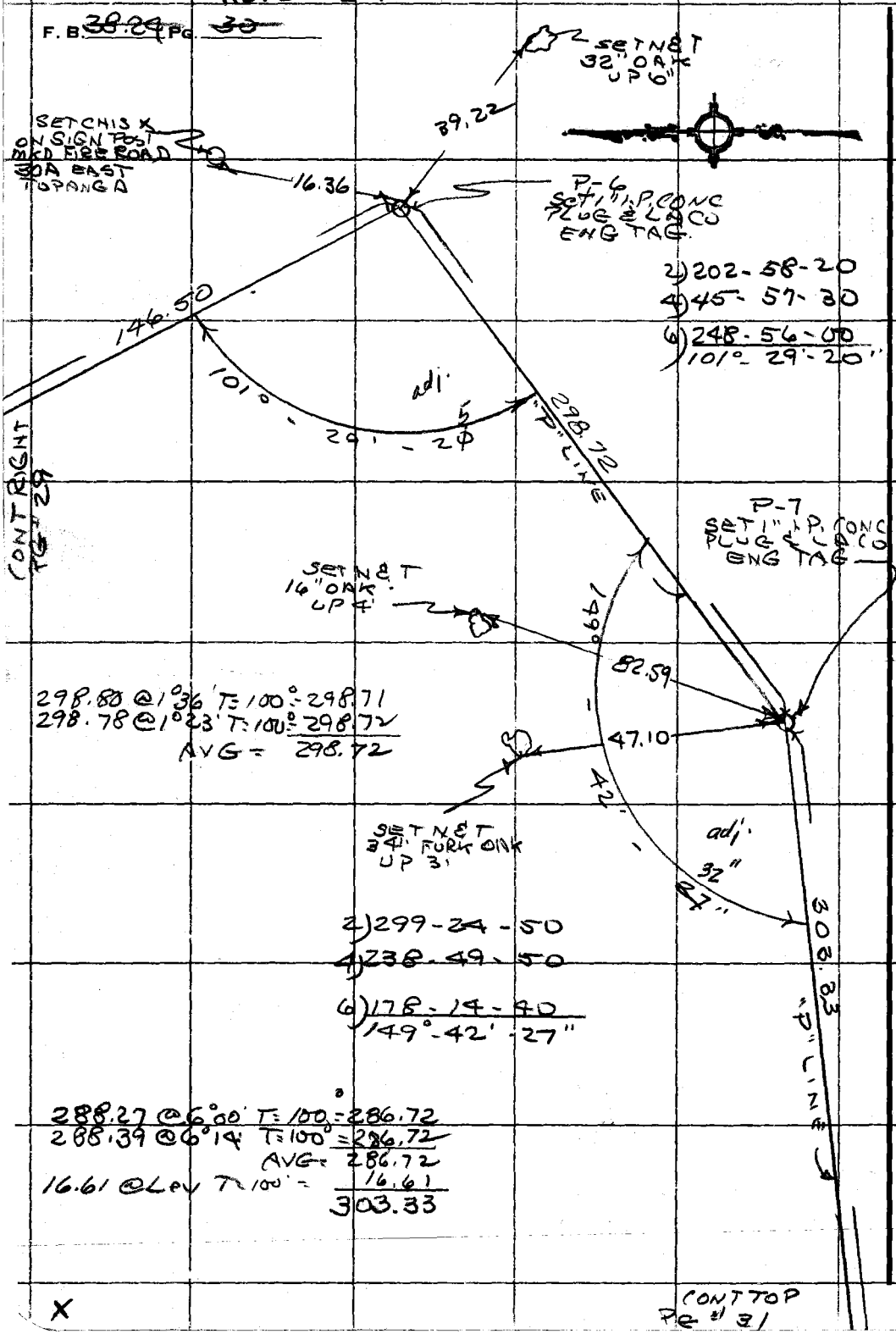
76F309S CE#310 3-68

F. B. ~~38.29~~ Pg. ~~30~~



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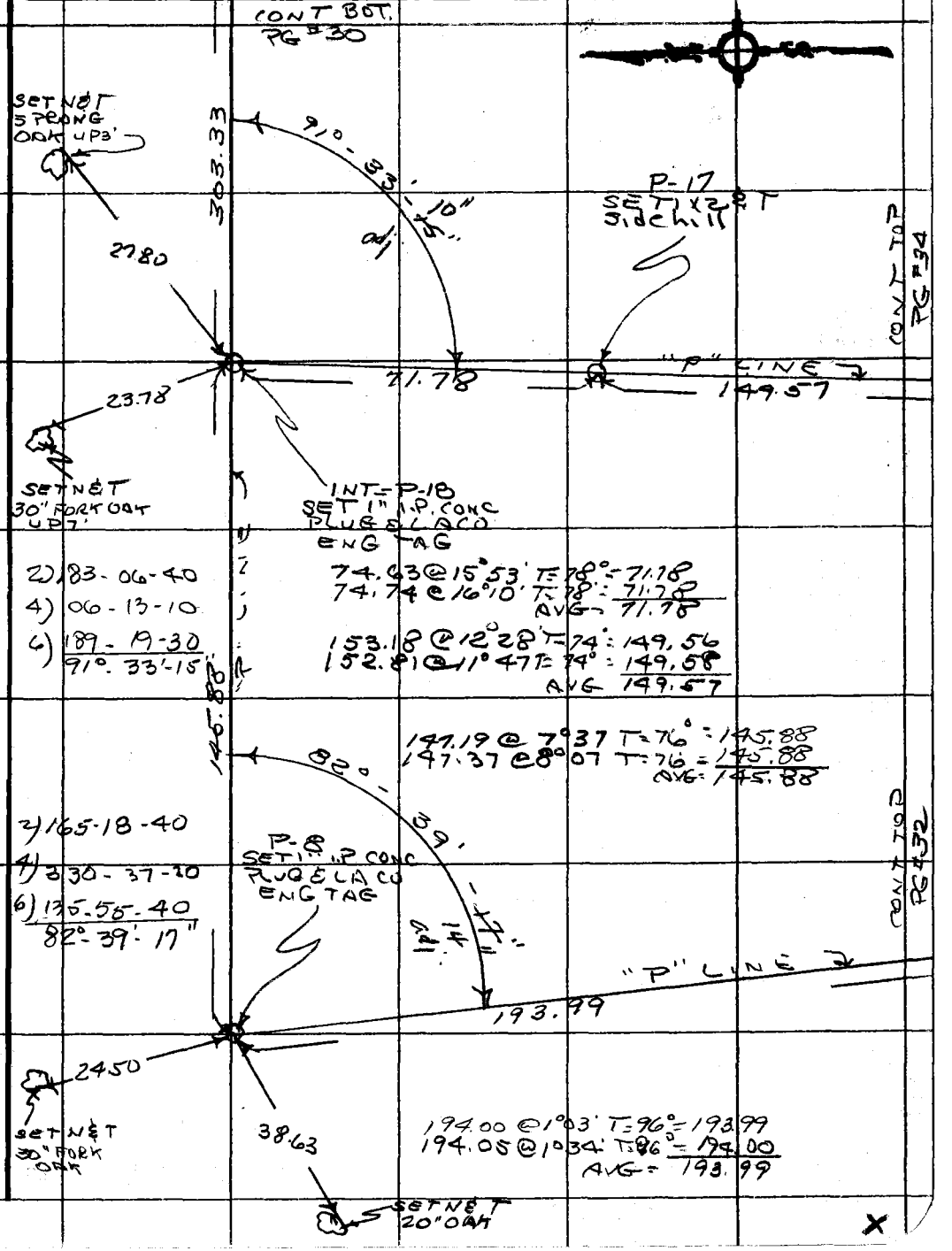
RDFB 1410 100

Notes Ck'd by R. HILARIO	Survey of W.W. DIST 39 ENTRADA RES. SITE
Map No.	JN 5298.12 Tape 12 Std 84 °F
Office Work	Surveyed by R. C. DALE
Checked	Notes R. C. DALE Date 9-15-72
Date	Indexed G. D. BAILEY DEC 13 1972

F. B. 382 Pg. 34

CONT BOT. PG #30



CONT TOP PG #34

CONT TOP PG #32

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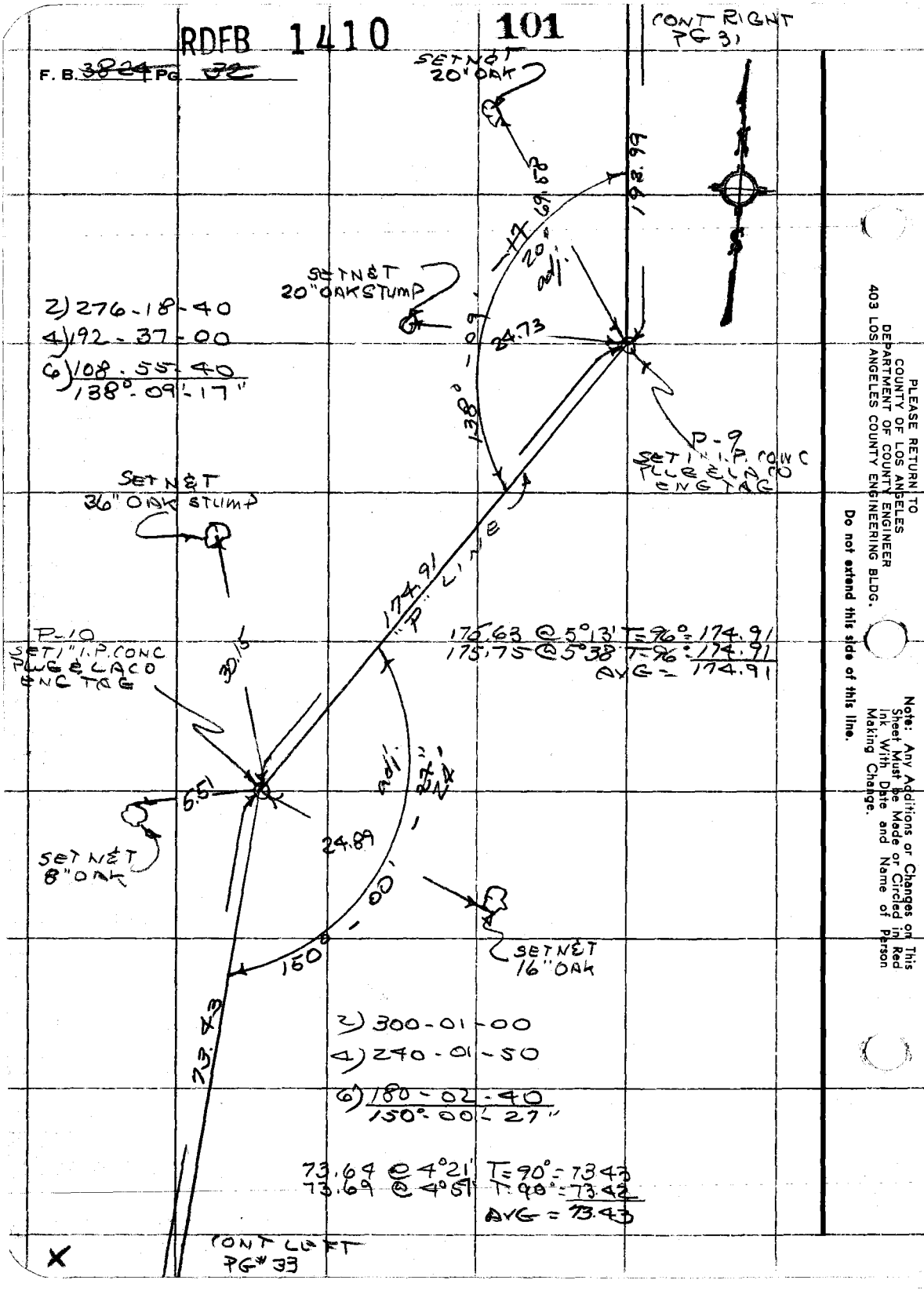
76F309S CE#310 3-68

RDFB 1410 101

F. B. ~~3824~~ PG ~~32~~

CONT RIGHT PG 31



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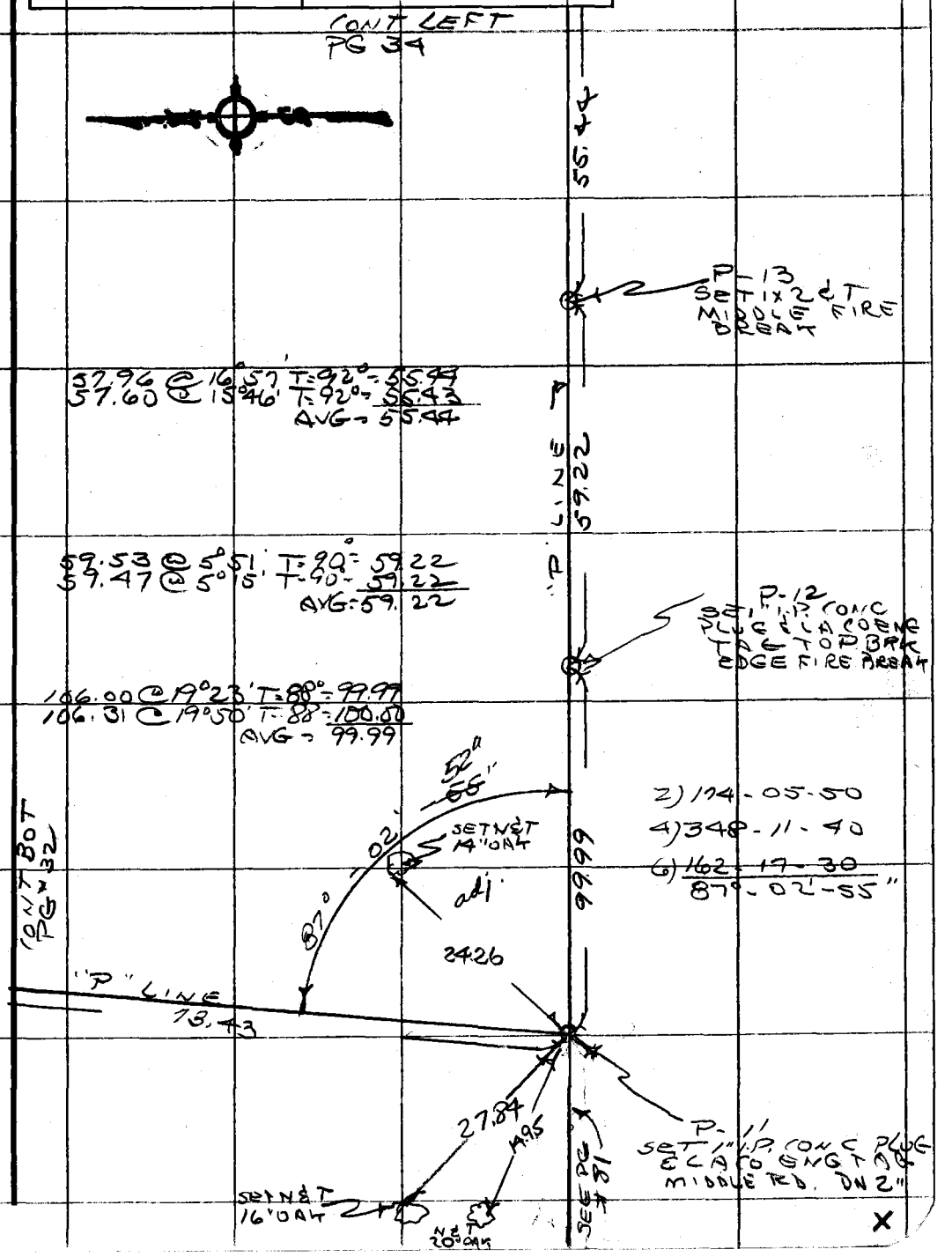
RDFB 1410

102

Notes Ck'd by R. HILARIO	Survey of WW DIST 29 ENTRADA RES. SITE
Map No.	JN 5292.12 Tape 12 Std 84 °F
Office Work	Surveyed by R. C. DALE
Checked	Notes R. C. DALE Date 9-15-72
Date	Indexed G. D. BAILEY DEC 13 1972

F. B. ~~3824~~ PG. ~~33~~



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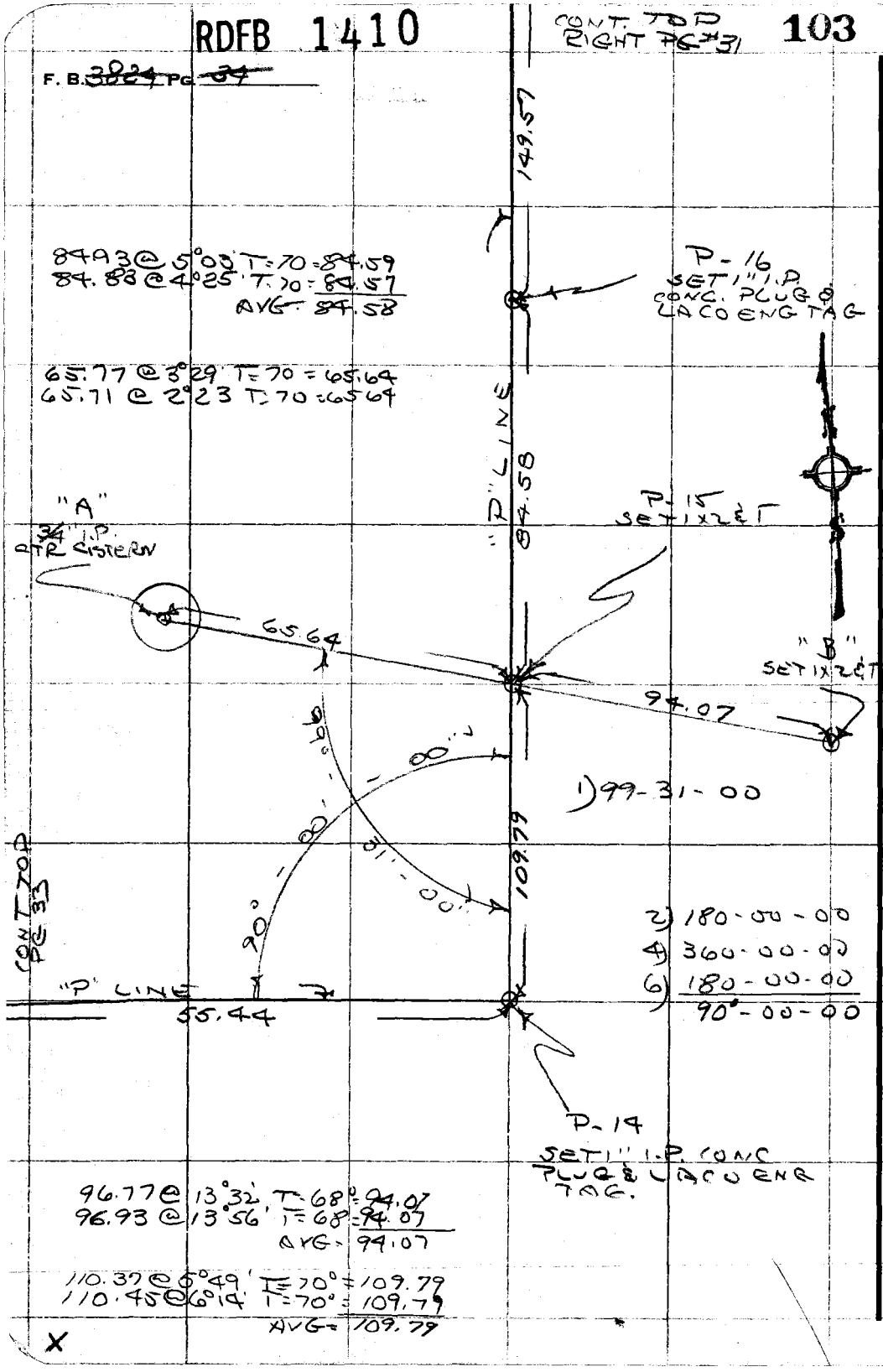
76F309S CE#310 3-68

CONT. TOP RIGHT PG #31

F. B. ~~3824~~ PG ~~34~~



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NOTES RED _____ JOB NO 0301.02 SURVEY OF ENTRADA RD

DATE _____ SURVEY BY RCDALE

NOTES CHKD. J. F. McMILLAN NOTES BY RCD DATE 9-27-72

DATE DEC 26 1972 INDEXED G. D. BAILEY DATE DEC 13 1972

F. B. 3824 Pg. 35

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						BENCH LEVELS
						JN 0301.02
						SEPT 27 1972
					BENCH LEVELS ON TOPANGA CYN BLVD. TO ESTABLISH STARTING BENCH AT ENTRADA RD.	
						PARTY
						R.C DALE
						B.R JACKSON
						J.B MAHER
						H.B MITCHELL

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900 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

76S420 S & E-353 9-55

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100 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
56-9	770.418					BM 56-9, EL= 770.418 (1970) ✓ TOPANGA CYN. BLVD. & BRIDGE NO. 1282 OVER TOPANGA CREEK ON THE ROAD LEADING TO THE TOPANGA ELEM. SCHOOL, 4.4 MI. N'LY OF THE PAC. COAST HIGHWAY, 0.4 MI N'LY OF THE TOPANGA POST OFFICE, 38.5' W'LY OF THE WEST EDGE OF PVMT OF TOPAN. CYN. BLVD., 18.5' N'LY OF THE CENTER OF THE BRIDGE, AT THE N'ELY COR. OF THE BRIDGE & 9.0' S'WLY OF P.P. #1028042E. FD. A CO. ENG'R. BRASS CAP M'RKD "BM 56-9, R.E. 5869 1960", SET IN CONC. FLUSH WITH SURFACE. F.B. 2832-15
+	3.868		3.875			
⊼	774.286	+0.808	+0.810			
−	3.060		3.065			
T.P.	771.226					
+	5.655		5.661	5.695		
⊼	776.881	+1.757	+1.751	+1.755		
−	3.898		3.910	3.940		
T.P.	772.983					
+	6.250		6.300			
⊼	779.233	+4.580	+4.580			
−	1.670		1.720			
T.P.	777.563					
+	5.789		5.804			
⊼	783.352	+4.999	+4.999			
−	0.790		0.805			
T.P.	782.562					
+	7.920		7.948			
⊼	790.482	+3.161	+3.163			
−	4.759		4.785			BM E-1 EL= 785.~~729~~ 16 AT TOPANGA CYN. BLVD. & ENTRADA ROAD., ON EAST SIDE OF ENTRADA ROAD I 100' NORTH OF INTERSECTION. SET A L.A. CO. ENG'R TAG IN LEAD IN BOTTOM OF CONC. STAIRS.
BM E-1	785.723			785.724	785.716	
+	10.395		10.408			
⊼	796.118	+9.565	+9.565			
−	0.830		0.843			
T.P.	795.288					
+	0.525		0.560			
⊼	795.813	-~~9~~ 10.278	-~~9~~ 10.280			
−	10.803		10.840			
T.P.	785.010					

5 TURNS

-.008

NOTES RED ____ JOB NO. 0301.02 SURVEY OF ENTRADA RD
DATE ____ SURVEY BY R.C. DALE
NOTES BY J.E. McMILLAN NOTES BY B. JACKSON DATE 9-27-72
DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

F.B. 3829 PG. 37

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	785.010					
+	1.320		1.330			
⊼	786.330	-6.449	-6.449			
−	7.769		7.779			
T.P.	778.561					
+	5.080		5.098			
⊼	783.641	+1.682	+1.683			
−	3.398		3.415			
T.P.	780.243					
+	6.142		6.179			
⊼	786.385	+3.814	+3.816			
−	2.328		2.363			
T.P.	784.057					
+	5.723		5.750			
⊼	789.780	+2.571	+2.570			
−	3.152		3.180			
T.P.	786.628					
+	7.018		7.032	7.040		
⊼	793.646	+3.500	3.492	3.500		
−	3.518		3.540	3.540		
T.P.	790.128					
+	6.345		6.368			
⊼	796.473	+4.243	+4.240			
−	2.102		2.128			
T.P.	794.371					
+	9.279		9.299			
⊼	803.650	+5.777	+5.778			
−	3.502		3.521			
T.P.	800.148					

JOB NO. 0301.02 SURVEY OF ENTRADA RD
SURVEY BY R. L. PACE
NOTES BY B. JACKSON DATE 9-27-72
INDEXED G. D. BAILEY DATE
NOTES RED. DATE
NOTE: J. F. McMILLAN DATE DEC 26 1972

F. B. 3824 PG. 88

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	800.148					
+	6.202		6.222			
⊼	806.350	+1.584	+1.584			
−	4.618		4.638			
T.P.	801.732					
+	6.401		6.391			
⊼	808.133	+3.000	+3.000			
−	3.401		3.391			
T.P.	804.732					
+	6.165		6.187			
⊼	810.897	+2.354	+2.354			
−	3.811		3.833			
56-10	807.086			807.086		BM 56-10, EL= 807.059 (1970)
+	7.633		7.660			TOPANGA CYN BLVD., 5.0 MI'S N'LY
⊼	814.719	+5.435	+5.440			OF THE PACIFIC COAST H'WY, 1.0 MI
−	2.198		2.220			N'LY OF THE TOPANGA POST OFFICE,
T.P.	812.521					SO. OF HIGHVALE TRAIL IN THE
+	7.150		7.135			S'LY END OF A CONC. HEADWALL
⊼	819.671	+4.740	+4.742			BY MILEAGE MAR'KR "5.3 MILES"
−	2.410		2.393			12.0 E. OF THE E. EDGE OF PV'MT.
T.P.	817.261					OF NORTH TOPANGA CYN BLVD. &
+	6.480		6.522			63.4' S. OF A D. POLE, A CO. ENGR.
⊼	823.741	+2.310	+2.310			BRASS CAP, MARKED "BM. 56-10
−	4.170		4.212			1960 RE 5869". SET IN CONC.
T.P.	819.571					FL. WITH SURFACE. F.B. 2832-16
+	5.825		5.860			
⊼	825.396	+3.180	+3.180			
−	2.645		2.680			
T.P.	822.751					

17 TURNS

Corr'n .027

NOTES RED. JOB NO. 0301.02 SURVEY OF ENTRADA RD.
DATE SURVEY BY R.C. DALE
NOTES BY B. JACKSON DATE 9-27-72
DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

F.B. 3824 Pg. 39

76S420 S & E-353 9-55

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JOB NO. 0301.02 SURVEY OF ENTRADA RD
SURVEY BY R.C. DALE DATE 9-27-72
NOTES BY B. JACKSON DATE
INDEXED G.D. BAILEY DATE
NOTES RED. DATE
NOTES CHECKED J.F. McMILLAN DATE DEC 26 1972

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	822.751					
+	6.185		6.221			
⊼	828.936	+0.485	0.484			
−	5.700		5.737			
T.P.	823.236					
+	4.792		4.810			
⊼	828.028	+0.742	+0.742			
−	4.050		4.068			
T.P.	823.978					
+	6.990		7.031			
⊼	830.968	+5.452	+5.450			
−	1.538		1.581			
T.P.	829.430					
+	6.725		6.740			
⊼	836.155	+1.855	+1.853			
−	4.870		4.887			
T.P.	831.285					
+	6.145		6.151			
⊼	837.430	+5.886	+5.890			
−	0.259		0.261			
56-10A	837.171			837.147		BM 56-10A (RESEDA-A-12A) EL. 837.170 (1970), TOPANGA CYN. BLVD., NEAR A CULVERT A "A-5.7 MI'S" (FROM PAC COAST H'WY.) OPPOSITE DRIVEWAY TO HSE. # 815 TOPANGA CYN. BLVD., 84.2' W'LY OF P.P. # 16652Y, 81.9' S'ELY OF P.P. # 16651Y & 12.0' SO. OF THE SO. EDGE OF PV'MT OF TOPANGA CYN. BLVD., FD A CO. ENG'R PRECAST MON., STAMPED "RESEDA A-12A 1960 RE 5869", SET 12" BELOW THE SURFACE. F.B. 933-226

F.B. 3824 PG. 40

NOTES RED _____ JOB NO. 0301.02 SURVEY OF ENTRADA RD

DATE _____ SURVEY BY R C DALE

NOTES CHECKED BY J. F. McMILLAN NOTES BY R.C.D. DATE 9-27-72

DATE DEC 26 1972 INDEXED G. D. BAILEY DATE DEC 13 1972

F. B. 3824 PG. 41

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768420 S & E-353 9-55

DESCRIPTION	BENCH LEVELS JN 0301.02 SEPT 27 1972
ADJ. ELEV.	BENCH LEVELS ON ENTRADA ROAD FROM
3RD RUN	TOPANGA CYN BLVD, NORTH ELY. TO WAVEVIEW DR. & RETURN
2ND RUN	PARTY
DIFF.	R C DALE G.W. ADAMS ~~W. J. DIETZ~~ N. B. MITCHELL
1ST RUN	
B.M.	

765420 S & E-353 9-55

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NOTES RED. DATE 12-15 NOMM. LAN
DATE DEC 28 1972

SURVEY OF ENTRADA PR
DATE 9-27-72
DATE

JOB NO. 0801.02
SURVEY BY R.C. DALE
NOTES BY R.C.D.
INDEXED G.D. BAILEY

F. B. 5824 PG. 42

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Bm. E-1	785.723				785.716	BM E-1 ELEV = 785.723 (UNADJ) AT TOPANGA CYN BLVD & ENTRADA ROAD ON EAST SIDE ENTRADA RD. 100± NORTH OF INTERSECTION. AN L.A.CO. ENG. TAG IN LEAD ON BOTTOM OF CONC. STAIRS. DEL #B3824.
	10.925		10.943			
	796.648	+10.904	+10.905			
	0.521		0.538			
T.P.	796.127					
	11.755		11.750			
	807.882	+11.568	+11.567			
	0.187		0.183			
T.P.	807.695					
	11.968		11.955			
	819.663	+11.613	+11.613			
	0.355		0.342			
T.P.	819.308					
	11.688		11.700			
	830.996	+11.384	+11.382			
	0.304		0.318			
T.P.	830.692					
	11.615		11.601			
	842.307	+11.021	+11.020			
	0.594		0.581			
T.P.	841.713					
	11.283		11.304			
	852.996	+10.539	+10.540			
	0.744		0.764			
T.P.	852.252					
	11.917		11.905			
	864.169	+11.340	+11.342			
	0.577		0.563			
T.P.	863.592					

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	863.592					
	11.019	/	11.037			
	874.611	+10.496	+10.497	/		
	0.523		0.540			
T.P.	874.088					
	11.687	/	11.672			
	885.775	+11.353	+11.353	/		
	0.334		0.319			
T.P.	885.441					
	11.608	/	11.623			
	897.049	+10.473	+10.473	/		
	1.135		1.150			
T.P.	895.914					
	11.833	/	11.819			
	907.747	+11.583	+11.582	/		
	0.250		0.237			
T.P.	907.497					
	11.862	/	11.877			
	919.359	+11.135	+11.134	/		
	0.727		0.743			
T.P.	918.632					
	10.829	/	10.811			
	929.461	+10.280	+10.279	/		
	0.549		0.532			
T.P.	928.912					
	11.676	/	11.687	/		
	940.588	+10.452	+10.450			
	1.224		1.237			
BM. E-2	939.364			939.354	939.353	BM E-2 ON ENTRADA RD. 0.25 mi FROM INT. WITH TOPANGA CYN BLVD. ON NORTH SIDE ROAD SET A BM. BT SPK IN LEAD ON TOP OF CONC. DROP, CULVERT.

14

X

NOTES RED _____ JOB NO. 0301.02 SURVEY OF ENTRADA RD.
DATE _____ SURVEY BY R.C. DALE
NOTES BY E.F. McMILLAN NOTES BY R.C.D. DATE 9-28-72
DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

F.B. 3824 Pg. 43

768420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	939.364					
	11.247		11.243			
	950.611	+11.060	+11.060			
	0.187		0.183			
T.P.	950.424					
	11.806		11.805			
	962.230	+10.928	+10.925			
	0.878		0.880			
T.P.	961.352					
	11.795		11.806			
	973.147	+11.458	+11.457			
	0.337		0.349			
T.P.	972.810					
	11.777		11.756			
	984.587	+11.394	+11.394			
	0.383		0.362			
T.P.	984.204					
	11.578		11.588			
	995.782	+11.295	+11.296			
	0.283		0.292			
T.P.	995.499					
	11.685		11.670			
	1007.184	+10.989	+10.988			
	0.696		0.682			
T.P.	1006.488					
	11.858		11.866			
	1018.346	+11.592	+11.593			
	0.266		0.273			
T.P.	1018.080					

JOB NO. 0301.02 SURVEY OF ENTRADA RD. NOTES RED.
SURVEY BY R.R. DALE DATE
NOTES BY R.C.D. DATE 9-29-72 NOTES BY J.F. McMILLAN
INDEXED G.D. BAILEY DATE DATE DEC 26 1972

F.B. 3824 PG. 44

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1018.080					
	11.802	/	11.792			
	1029.882	+11.477	+11.477			
	0.325		0.315			
T.P.	1029.557					
	11.723	/	11.714			
	1041.280	+11.071	+11.071			
	0.652		0.643			
T.P.	1040.628					
	11.672	/	11.676			
	1052.300	+10.676	+10.676			
	0.996		1.000			
T.P.	1051.304					
	9.886	/	9.893			
	1061.190	+7.332	+7.331			
	2.554		2.562			
BM E-3	1058.636			1058.624	1058.622	BM E-3
	6.615	/	6.600			ON ENTRADA RD. 0.40 MILE FROM
	1065.251	+6.307	+6.308			INT. OF TOPANGA CYN BLVD. NORTH
	0.308		0.292			SIDE OF ROAD. SET LA. CO ENG TAG IN
T.P.	1064.943					LEAD ON SW. COR OF CONC. WALK AT
	11.659	/	11.673			ENTRANCE TO LA COUNTY WW DIST
	1076.602	+11.160	+11.159			29. PUMPING STATION NO. 11.
	0.499		0.514			
T.P.	1076.103					
	11.264	/	11.253			
	1087.367	+10.607	+10.607			
	0.657		0.646			
T.P.	1086.710					

25

NOTES RED _____ JOB NO. 0301.02 SURVEY OF ENTRADA RD
DATE _____ SURVEY BY R.C. DALE
NOTE: ONLY MILLIAN NOTES BY R.C.D. DATE 9-30-72
DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

F.B. 3824 Pg. 45

768420 S & E-353 9-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1086.710					
	10.967		10.979			
	1097.677	+10.139	+10.140			
	0.828		0.839			
T.P.	1096.849					
	11.877		11.887			
	1108.726	+11.396	+11.397			
	0.481		0.490			
T.P.	1108.245					
	11.630		11.617			
	1119.875	+11.114	+11.114			
	0.516		0.503			
T.P.	1119.359					
	9.379		9.385	9389		
	1128.738	+8.401	+8.391	8400		
	0.978		0.994	0989		
BM E-4	1127.760			1127.749	1127.747	BM E-4
	11.237		11.224			ON ENTRADA RD. 0.60 FROM INT
	1138.997	+10.403	+10.403			WITH TOPANGA CYN BLVD. NORTH
	0.834		0.821			SIDE ROAD. SET SM BT SPK IN LEAD
T.P.	1138.163					ON TOP OF CONC. DROP CULVERT.
	11.266		11.278			
	1149.429	+10.680	+10.678			
	0.586		0.600			
T.P.	1148.843					
	11.370		11.360			
	1160.213	+10.663	10.665			
	0.707		0.695			
T.P.	1159.506					

32

JOB NO. 0301.02 SURVEY OF ENTRADA RD
SURVEY BY R.C. DALE DATE 10-2-72
NOTES BY R.C.D. DATE
INDEXED G.D. BAILEY DATE
NOTES RED. DATE
NOTES CK. MILLAN DATE DEC 26 1972

F.B. 3829 PG. 46

76S420 S & E-353 9-55

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1159.506					
	10.921	✓	10.932			
	1170.427	+10.388	+10.387 ✓			
	0.533		0.545			
T.P.	1169.894					
	11.779	✓	11.763			
	1181.673	+11.311	+11.309 ✓			
	0.468		0.454			
T.P.	1181.205					
	11.707	✓	11.713			
	1192.912	+11.212	+11.211 ✓			
	0.495		0.502			
T.P.	1192.417					
	11.693	✓	11.699			
	1204.110	+11.295	+11.295 ✓			
	0.398		0.384			
T.P.	1203.712					
	11.612	✓	11.623			
	1215.324	+11.427	+11.427 ✓			
	0.185		0.196			
BME-5	1215.139			1215.127	1215.125	B.M. E-5
	11.880	✓	11.870			ON EAST SIDE COLINA DR. 0.05
	1227.019	+11.692	+11.693 ✓			MILE FROM INT. ENTRADA RD. SET
	0.188		0.177			SM BT SPKIN LEAD ON TOP OF DROP.
T.P.	1226.831					CULVERT.
	11.813	✓	11.822			
	1238.644	+11.360	+11.359 ✓			
	0.453		0.463			
T.P.	1238.191					

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NOTES RED ____ JOB NO. 0301.02 SURVEY OF ENTRADA RD
DATE ____ SURVEY BY RCDALE
NOTES J.H. McMILLAN NOTES BY RCD DATE 10-2-72
DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

F.B. 3824 PG. 47

76S420 S & E-353 9-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

JOB NO. 0301.02 SURVEY OF ENTRADA RD
SURVEY BY R.C. DALE
NOTES BY R.C.D.
INDEXED G.D. BAILEY
NOTES RED.
DATE
NOTES F. McMILLAN
DATE DEC 26 1972
DATE 10-02-72
DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1238.191					
	11.044	/	11.056	/		
	1249.235	+10.614	+10.613			
	0.430		0.443			
T.P.	1248.805					
	7.406	/	7.380	/		
	1256.211	+1.759	+1.761			
	5.647		5.619			
T.P.	1250.564					
	11.697	/	11.702	/		
	1262.261	+11.408	+11.407			
	0.289		0.295			
T.P.	1261.972					
	11.674	/	11.679	/		
	1273.646	+10.392	+10.391			
	1.282		1.288			
T.P.	1272.364					
	7.045	/	7.037	/		
	1279.409	+0.691	+0.690			
	6.354		6.347			
BM E-6	1273.055			1273.043	1273.040	BM E-6 (PI #14)
	2.569	/	2.553	/		℄ INTERSECTION OF ENTRADA RD,
	1275.624	-7.712	-7.712			COLINA DR & WAVEVIEW DR. A LA
	10.281		10.265			COUNTY SURVEYOR MON IN WELL & COVER
T.P.	1265.343					PER FB 3824-23
	0.509	/	0.518	/		
	1265.852	-10.930	-10.930			
	11.439		11.448			
T.P.	1254.413					

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F.B. 3824 PG. 48

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1254.413					
	1.104	/	1.099			
	1255.517	-6.045	-6.047	✓		
	7.149		7.146			
T.P.	1248.368					
	0.641	/	0.624			
	1249.009	-9.202	-9.203	✓		
	9.843		9.827			
T.P.	1239.166					
	0.344	/	0.357			
	1239.510	-9.746	-9.746	✓		
	10.090		10.103			
T.P.	1229.420					
	0.404	/	0.397			
	1229.824	-9.598	-9.596	✓		
	10.002		9.993			
T.P.	1219.822					
	1.088	/	1.101			
	1220.910	-4.679	-4.679	✓		
	5.767		5.780			
T.P.	1215.143					
	0.847	/	0.836			
	1215.990	-10.789	-10.788	✓		
	11.636		11.624			
T.P.	1204.354					
	0.435	/	0.448			
	1204.789	-11.448	-11.449	✓		
	11.883		11.897			
T.P.	1192.906					

NOTES RED ____ JOB NO. 0301.02 SURVEY OF ENTRADA RD
DATE ____ SURVEY BY R.C. DALE
NOTES CHKD McMILLAN NOTES BY R.C.D. DATE 10-7-72
DATE DEC 26 1972 INDEXED G. D. BAILEY DATE DEC 13 1972

F.B. 3824 Pg. 49

768420 S & E-353 9-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0301.02 SURVEY OF ENTRADA RD
SURVEY BY R.C.D. DATE 10-2-72
NOTES BY G.D. BAILEY DATE
INDEXED DATE
NOTES RED DATE
NOTES BLUE DATE DEC 28 1972

F.B. 3824 Pg. 50

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1192.906					
	0.542		0.529			
	1193.448	-10.914	-10.915			
	11.456		11.444			
T.P.	1181.992					
	0.459		0.467			
	1182.451	-10.881	-10.883			
	11.340		11.350			
T.P.	1171.111					
	0.507		0.493			
	1171.618	-11.183	-11.184			
	11.690		11.677			
T.P.	1159.928					
	0.597		0.607	0.747		
	1160.525	-11.107	-11.111	11.106		
	11.704		11.718	11.853		
T.P.	1148.821					
	0.600		0.611			
	1149.421	-10.639	-10.639			
	11.239		11.250			
T.P.	1138.182					
	0.222		0.232			
	1138.404	-10.405	-10.406			
	10.627		10.638			
T.P.	1127.777					
	0.392		0.405			
	1128.169	-9.739	-9.739			
	10.131		10.144			
	1118.038					

768420 S & E-353 9-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1118.038					
	0.769		0788			
	1118807	-9775	-9.777			
	10.544		10.565			
TP	1108.253					
	0222		0292			
	1108475	-10.778	-10.776			
	11.000		11.068			
T.P.	1097.475					
	0.325		0.348			
	1097800	-9.855	-9.854			
	10.180		10.202			
T.P.	1087.620					
	0.685		0655			
	1088305	-10.101	-10.100			
	10.786		10.755			
TP	1077.519					
	0.640		0.684			
	1078159	-8392	-8.393			
	9.032		9.077			
TP	1069.127					
	1.100		1.124			
	1070227	-10.485	-10.484			
	11.585		11.608			
TP	1058.642					
	0.291		0.323			
	1058933	-10.~~039~~ .040	-10.039			
	10.331		10.362			
T.P	1048.602					

NOTES RED ____ JOB NO. 0301.02 SURVEY OF ENTRADA RD
DATE ____ SURVEY BY R.C. DALE
NOTES CHKD T.F. McMILLAN NOTES BY R.C.D. DATE 10-2-72
DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

F.B. 3824 PG. 51

768420 S & E-353 9-55

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1048.602					
	0558		0590			
	1049.160	-11.136	-11.138			
	11.694		11.728			
T.P.	1037466					
	0351		0.362			
	1037817	-10.674	-10.677			
	11.025		11.039			
T.P.	1026792					
	0381		0.402			
	1027.173	-10.847	-10846			
	11.228		11.248			
T.P.	1015945					
	0.400		0.414			
	1016.345	-10.947	-10949			
	11.347		11.363			
T.P.	1004.998					
	0.363		0.390			
	1005.361	-10.584	-10.583			
	10.947		10.973			
T.P.	994414					
	0.299		0.322			
	994.713	-11.172	-11.173			
	11.471		11.495			
T.P.	983242					
	0459		0481			
	983.701	-11.206	-11.207			
	11.665		11.688			
T.P	972036					

NOTES RED. DATE
NOTES BY [illegible] DATE 10-2-72
INDEXED G. D. BAILEY DATE

JOB NO. 0301.02 SURVEY OF ENTRADA RD
SURVEY BY RCDALE
NOTES BY RCD DATE 10-2-72
INDEXED G. D. BAILEY DATE

F. B. 3824 PG. 52

765420 S & E-353 9-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	972036					
	1.180		1.201			
	973.216	-9.230	-9.230			
	10.410		10.431			
T.P.	962806					
	0.247		0265			
	963.053	-11.253	-11.255			
	11.500		11.520			
T.P.	951.553					
	0.632		0653			
	952.185	-10.926	-10.925			
	11.558		11.578			
T.P.	940627					
	2.588		2.604			
	943.215	-1.255	-1.255			
	3.843		3.859			
T.P.	939.372					
	0.656		0.698			
	940.028	-9.222	-9.225			
	9.878		9.923			
T.P.	930.150					
	0.183		0.212			
	930333	-11.318	-11.318			
	11.501		11.530			
T.P.	918832					
	0.740		0767			
	919.572	-10.313	-10.316			
	11.053		11.083			
T.P.	908519					

NOTES RED ____ JOB NO. 0301.02 SURVEY OF ENTRADA RD
DATE ____ SURVEY BY R.C. DACE
NOTES ON MILLS BY ____ NOTES BY R.C.D. DATE 10-2-72
DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

F. B3824 PG. 53

768420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	908.519					
	0.564		0.588			
	909083	-11.313	-11.311			
	11.877		11.899			
T.P.	897.206					
	0.230		0.244			
	897.436	-11.029	-11.030			
	11.259		11.274			
T.P.	886.177					
	0.338		0.358			
	886.515	-11.267	-11.269			
	11.605		11.627			
T.P.	874910					
	0268		0.289			
	875.178	-10.964	-10.966			
	11.232		11.255			
T.P.	863.946					
	0.659		0.684			
	864.605	-10.491	-10491			
	11.150		11.175			
T.P.	853455					
	0.643		0.680			
	854098	-10.455	-10453			
	11.098		11.133			
TP	843.000					
	0.499		0.512			
	843.499	-10.435	-10.436			
	10.934		10.948			
T.P.	832565					

NOTES RED. DATE
NOTES MCMILLAN DATE
J. F. MCMILLAN DATE DEC 26 1972

JOB NO. 0301.02 SURVEY OF ENTRADA RD
SURVEY BY R.C. DALE
NOTES BY R.C.D. DATE 10-6-72
INDEXED G. D. BAILEY DATE

F.B. 3824 PG. 54

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	832565					
	0.859	✓	0.884			
	833.424	-10.454	-10.455 ✓			
	11.313		11.339			
T.P.	822.111					
	0.385	✓	0.423			
	822.496	-11.314	-11.314 ✓			
	11.699		11.737			
	810.797					
	0250	✓	0.301 ✓			
	811047	-10.999	-10.999			
	11.249		11.300			
	799.798					
	0180	✓	0.188 ✓			
	799.978	-9.940	-9.940			
	10.120		10.128			
	789.858					
	2.303	✓	2.330 ✓			
	792161	-4.127	-4.127			
	6430		6.457			
BM-E-1	785.731			785.722	785.716	BM E1 ELEV = 785.~~723~~ .716 Adj (~~[illegible]~~) AT TOPANGA CYN BLVD. & ENTRADA ROAD. ON EAST SIDE ENTRADA RD. 100'± NORTH OF INTERSECTION. A LA CO ENG. TAG IN LEAD ON BOTTOM OF CONC. STAIRS PER FB 3824 -

96 TURNS

- .006 Basin

NOTES RED ____ JOB NO. 0301.02 SURVEY OF ENTRADA RD
DATE ____ SURVEY BY R.C. DALE
NOTES BY R.C.D. DATE 10-2-72
DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

F.B. 3824 PG. 55

X

NOTES RED. JOB NO. 5292.12 SURVEY OF ENTRADA RES. SITE F. B. 3824 PG. 57

DATE SURVEY BY R.C. DALE

NOTES CHKD. W. F. McMILLAN NOTES BY R.C.D DATE 10-2-72

DATE 12-26-72 INDEXED G.D. BAILEY DATE DEC 13 1972

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76S420 S & E-3/13 9-55

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						W.W. DIST. #29
						ENTRADA RESERVOIR SITE
						BENCH LEVELS
						BENCH LEVELS OVER "P" LINE
						PARTY
						R.C DALE
						G.W. ADAMS
						W.J. DIETZ
						H.B. MITCHELL

768420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Bm-E6	1273.055				1273.040	Bm E-6 (PI14) ELEV = ~~1273.055~~ 1273.040
	1.592		1.579			& INT. OF ENTRADA RD., COLINA DR.
	1274.647	-2.065	-2.064			& WAVEVIEW DR. A LACO SURVEYOR
	3.657		3.643			MON IN CAP & WELL PER
T.P.	1270.990					FB 3824-23
	7.080		7.096			
	1278.070	+2.602	-2.602			
	4.478		4.494	2		
P.O.T.	1273.592			1273.578	1273.577	P.O.T. (WAVE VIEW DR)
	8.504		8.491			FD SPKW & T. PER FB 3824-26
	1282.096	+2.644	2.643			
	5.860		5.848	3		
POST	1276.236			1276.222	1276.221	POST
	2.578		2.598			FD SPKW & T PER FB 3824-26
	1278.814	-5.328	-5.328	4		
	7.906		7.926			
P.I.	1270.908			1270.894	1270.893	P.I.
	0.918		0.901			FD 2" I.P. CONC PLUG & LACO ENG TAG
	1271.826	-8.428	-8.428	5		DN 8" PER FB 3824-26
	9.346		9.329			
POST	1262.480			1262.466	1262.464	POST
	5.870		5.880			FD SPKW & T PER FB 3824-27
	1268.350	+4.544	+4.542	6		
	1.326		1.338			
P-1	1267.024			1267.009	1267.007	P-1
	9.970		9.957			FD 1" I.P. CONC PLUG & LACO ENG
	1276.994	+5.402	+5.403	7		TAG PER FB 3824-27
	4.568		4.554			
P-2	1272.426			1272.411	1272.409	P-2
						FD 1" I.P. CONC PLUG & LACO ENG TAG PER FB 3824-28

JOB NO. 5292.12 SURVEY OF ENTRADA RES. SITE
SURVEY BY R.C. DALE DATE 10-2-72
NOTES BY R.C.D. DATE
INDEXED G.D. BAILEY DATE
NOTES RED. DATE
NOTE DEC 20 1972

F.B. 3824 PG. 58

768420 S & E-353 9-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
P-2	1272.426			1272.411	1272.409	
	3.807	/	3.823			
	1276.233	-5.200	-5.199			
	9.007		9.022			
T.P.	1267.226					
	1.047	/	1.027			
	1268.273	-10.591	-10.591	9		
	11.638		11.618			
TBM.	1256.635			1256.620	1256.617	TBM.
	5.476	/	5.486			FD. LACO ENG TAG ON DRAINWALL
	1262.111	+1.667	+1.666	10		PER FB 3824-28
	3.809		3.820			
P-3	1258.302			1258.286	1258.283	P-3
	11.672	/	11.682			FD 1" A.P. CONC PLUG & LACO ENG TAG
	1269.974	+11.457	+11.457			PER FB 3824-28
	0.216		0.225			
T.P.	1269.758					
	11.753	/	11.738			
	1281.511	+11.527	+11.527			
	0.226		0.211			
T.P.	1281.285					
	10.637	/	10.647			
	1291.922	+8.729	+8.728	13		
	1.908		1.919			
P-4	1290.014			1289.997	1289.993	P-4
	8.315	/	8.305			FD 1" A.P. CONC PLUG & LACO ENG TAG PER FB 3824-
	1298.329	+7.905	+7.905			
	0.410		0.400			
T.P.	1297.919					

NOTES RED _____ JOB NO. 5292.12 SURVEY OF ENTRADA RES. SITE
DATE _____ SURVEY BY R.C. DAVE DATE 10-2-72 F.B. 3824 PG. 57
NOTES BY _____ DATE _____
DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

768420 S & E-353 9-55

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JOB NO. 5292.12 SURVEY OF ENTRADA RES. SITE NOTES RED.
SURVEY BY R. C. DAVIS DATE 10-2-72
NOTES BY R. C. D. DATE DEC 20 1972
INDEXED G.D. BAILEY DATE

F.B. 3824 Pg. 60

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1297.919					
	11.984		11.979			
	1309.903	+11.781	+11.780			
	0.203		0.199			
T.P.	1309.700					
	11.847		11.836			
	1321.547	+8.802	+8.803	16		
	3045		3.033			
P-5	1318.502			1318.484	1318.479	P-5
	11.731		11.746			FD 1" I.P. CONC PLUG & LACO ENG TAG
	1330.233	+10.172	+10.173			PER FB 3824-29
	1.559		1.573			
T.P.	1328.674					
	5.723		5.713	18		
	1334.397	+2.373	+2.373			
	3.350		3.340			
P-6	1331.047			1331.029	1331.023	P-6
	10.941		10.948			FD 1" I.P. CONC PLUG & LACO ENG TAG
	1341.988	+10.699	+10.698	19		PER FB 3824-30
	0.242		0.250			
P-7	1341.746			1341.727	1341.721	P-7
	11.660		11.670			FD 1" I.P. CONC PLUG & L.A. CO. ENG
	1353.406	+11.072	+11.073			TAG PER FB 3824-30
	0.588		0.597			
T.P.	1352.818					
	11.223		11.214			
	1364.041	+10.980	+10.980			
	0.243		0.234			
T.P.	1363.798					

X

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1363.798					
	11.977	/	11.983			
	1375.775	+11.776	+11.776	/ 22		
	0.201		0.207			
P-18	1375.574			1375.555	1375.548	P-18 = INTERSECTION
	11.544	/	11.552			FD 1" I.P. CONC PLUG & LACO ENG TAG
	1387.118	+11.337	+11.337	/		PER FB 3824-3
	0.207		0.215			
T.P.	1386.911					
	11.579	/	11.569			
	1398.490	+9.366	9.366	/ 24		
	2.213		2.203			
P-8	1396.277			1396.258	1396.250	P-8
	7.736	/	7.746			FD 1" I.P. CONC PLUG & LACO ENG TAG
	1404.013	+5.745	+5.745	/		PER FB 3824-31
	1.991		2.001	25		
P-9	1402.022			1402.003	1401.995	P-9
	11.439	/	11.430			FD 1" I.P. CONC PLUG & LACO ENG TAG
	1413.461	+11.055	+11.056	/		PER FB 3824-32
	0.384		0.374			
T.P.	1413.077					
	8.980	/	8.993			
	1422.057	+6.969	+6.970	/ 27		
	2.011		2.023			
P-10	1420.046			1420.029	1420.021	P-10
	9.428	/	9.440	28		FD 1" I.P. CONC PLUG & LACO ENG TAG
	1429.474	+8.048	+8.048	/		PER FB 3824-32
	1.380		1.392			
P-11	1428.094			1428.077	1428.068	P-11
						FD 1" I.P. CONC PLUG & LACO ENG TAG PER FB 3824-33

NOTES RED. JOB NO. 5292.12 SURVEY OF ENTRADA RES. SITE
DATE SURVEY BY R.C. DALE
NOTES CHKD. MCMILLAN NOTES BY R.C.D. DATE 6-8-72
DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

F.B. 3824 Pg. 61

768420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1428.094					
	6.733	/	6.679			
	1434.827	-0.052	-0.053	/		
	6.785		6.732			
T.P	1428.042					
	8.910	/	8.901			
	1436.952	+7.057	+7.057	/		
	1.853		1.844			
T.P.	1435.099					
	9.353	/	9.363			
	1444.452	+8.655	8.656	/31		
	0.698		0.707			
"A"	1443.754			1443.738	1443.728	POINT "A"
	11.910	/	11.904	/		FD 3/4" I.P. TOP. CISTERN
	1455.664	+10.954	+10.957			PER FB 3824-34
	0.956		0.947			
T.P.	1454.708					
	11.387		11.375			
	1466.095	+6.712	+6.712	33		
	4.675		4.663			
P-13	1461.420			1461.406	1461.396	P-13
	8.497	/	8.487	/34		FD 1X2 & T MIDDLE FIRE BREAK
	1469.917	+4.976	+4.975			PER FB 3824-33
	3.521		3.512			
P-12	1466.396			1466.382	1466.371	P-12
	1.122	/	1.114	/		FD 1" I.P. CONC PLUG & LACO ENG TAG
	1467.518	-10.220	-10.220			PER FB 3824-33
	11.342		11.334			
T.P.	1456.176					

JOB NO. 5292.12 SURVEY OF ENTRADA REG. S.T.E. NOTES RED.
SURVEY BY R.C. DALE DATE
NOTES BY R.C.D. DATE 10-3-73 NOTES CHAMPLAIN DATE DEC 26 1972
INDEXED G.D. BAILEY DATE

F.B. 3824 PG. 62

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1456.176					
	0695		0.705			
	1456.871	-10.537	-10.537	36		
	11.232		11.242			
P-14	1445.639			1445.625	1445.614	P-14
	2.049		2.037			FD 1" I.P. CONC PLUG & LA CO ENG TAG
	1447.688	-9.475	-9.476	37		PER FB 3824-34
	11.524		11.513			
P-15	1436.164			1436.149	1436.137	P-15
	0.373		0.382			FD 1X2 & T MIDDLE FIREBREAK
	1436.537	-9.781	-9.781			PER FB 3824-34
	10.154		10.163			
T.P.	1426.383					
	0502		0488			
	1426.885	-9.905	-9.906			
	10.407		10.394			
T.P.	1416.478					
	5.180		5.195			
	1421.658	-3.749	-3.751	40		
	8929		8946			
"B"	1412.729			1412.712	1412.700	POINT "B"
	11.281		11.263			FD 1X2 & T PER FB 3824-34
	1424.010	+11.053	+11.050			
	0.228		0215			
	1423.782					
	10.044		10032	41		
	1433.826	+5.296	+5.295			
	4.748		4737			
P-#16	1429.078			1429.060	1429.047	P-#16 FD 1" I.P. CONC & L.A. CO ENG TAG

NOTES RED _____ JOB NO. _____ SURVEY OF ENTRANCE RES. SITE

DATE 11-8-72 SURVEY BY R.C. DALE

NOTES BY E. McMILLAN NOTES BY R.C.D. DATE 10-3-73

DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

F.B. 3824 Co 3

768420 S & E-353 9-55

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NOTES RED. DATE 10-3-72 NOTES BY F. McMILLAN DATE DEC 26 1972

JOB NO. 5292.12 SURVEY OF ENCINADA BSM. SITE
SURVEY BY R.G. DACE
NOTES BY R.G.D. DATE 10-3-72
INDEXED G.D. BAILEY DATE

F.B. 3824 PG. 64

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1429.078					
	0.495	/	0.504			
	1429.573	-10.561	-10.561	/		
	11.056		11.065			
T.P.	1418.517					
	0.695	/	0.703			
	1419.212	-9.873	-9.873	/		
	10.568		10.576			
T.P.	1408.644					
	0.505	/	0.495			
	1409.149	-7.828	-7.827	/		
	8.333		8.322			
TP	1400.816					
	1.962	/	1.949	45		
	1402.778	-3.582	-3.584	/		
	5.544		5.533			
P-#17	1397.234			1397.215	1397.201	P-#17 FD 1×2 ⅜ N
	2.893	/	2.907			
	1300.127	-8.765	-8.765	/		
	11.658		11.672			
TP	1388.469					
	0.876	.180	0.880			
	1389.345	-10.174	-10.182	/		
	11.056		11.062			
TP	1378.28[illegible]					
	3.451	/	3.456	41		
	1381.740	-2.713	-2.714	/		
	6.164		6.170			
P#18	1375.576			1375.555	1375.540	P#18 = INTERSECTION FD 1" I.P. CONC PLUG & CAP OENSTAG PER FB 3824

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1375.576					
	11.854	/	11.861	/		
	1387.430	+11.255	+11.253			
	0.599		0608			
T.P.	1386.831					
	11.579	/	11.572	/		
	1398.410	+3.269	+3.269			
	8.310		8303			
T.P.	1390.100					
	0.420	/	0.430	/		
	1390.520	-11.263	-11.264			
	11.683		11694			
T.P.	1378.837					
	0287	/	0.280	/		
	1379.124	-11.357	-11.357			
	11.644		11.637			
T.P.	1367.480					
	0.500	/	0.508	/		
	1367.980	-11.017	-11.017			
	11.517		11.525			
T.P.	1356.463					
	0.519	/	0.528	/		
	1356.982	-10.995	-10.996			
	11.514		11.524			
T.P.	1345.468					
	0.294	/	0.309	/		
	1345.762	-11.210	-11.209			
	11504		11.518			
T.P.	1334.258					

NOTES RED 5292.12 JOB NO. 5292.12 SURVEY OF ENTRADA RES. SITE F.B. 3824 PG. 65
DATE 5292.12 SURVEY BY R.C. DALE
NOTES BY R.C. MCMILLAN NOTES BY R.C.D. DATE 10-3-72
DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

768420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1334.258					
	0.494		0.480			
	1334.752	-11.172	-11.172			
	11666		11652			
T.P.	1323.086					
	0229		0.243			
	1323.315	-11.314	-11.313			
	11.543		11.556			
T.P.	1311.772					
	0.271		0.263			
	1312.043	-10.612	-10.613			
	10.883		10.876			
T.P.	1301.160					
	0.539		0548			
	1301.699	-10.837	-10.836			
	11.376		11.384			
T.P.	1290.323					
	0.787		0.795			
	1291.110	-10.507	-10.508			
	11.294		11.303			
T.P.	1279.816					
	0.461		0.471			
	1280.277	-11.244	-11.245			
	11.705		11.716			
T.P.	1268.572					
	11.864		11.857			
	1280.436	+8.966	+8.969			
	2.898		2.888			
T.P.	1277.538					

JOB NO. 5292.12 SURVEY OF ENTRADA RES. SITE NOTES RED.
SURVEY BY R.C. PAUL DATE
NOTES BY R.C.D. DATE 10-3-72 NOTES BY W.E. McMILLAN
INDEXED G.D. BAILEY DATE DEC 26 1972

F.B. 3824 PG. 66

76S420 S & E-353 9-55

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1293055
.028

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1277.538					
	1.147		1.163			
	1278.685	-9.988	-9.987			
	11.135		11.150			
	1267.550					Corr - 0.020
	9.199		9.188	64		
	1276.749	+5.533	+5.532			
	3666		3656			
BME-6	1273.083			1273.060	1273.040	BME-6 ELEV = ~~1273.060~~ 1273.040 Adj (~~UNADJ.~~) @ INT. OF ENTRADA RD. COLINA DR & WAVEVIEW DR. A LA COUNTY SURVEYOR MON IN CAP & WELL. PER FB 3824-23,-

NOTES RED ____ JOB NO. 292.12 SURVEY OF ENTRADA RES. SITE F.B. 3824 PG. 67
DATE ____ SURVEY BY R.C. DALE
NOTES BY E.H. MILLAN NOTES BY R.C.D. DATE 10-3-72
DATE DEC 26 1972 INDEXED G.D. BAILEY DATE DEC 13 1972

Notes Ck'd by R. HILARIO	Survey of LA CITY BDY
Map No.	JN 030201 Tape 12 Std. 94 °F
Office Work	Surveyed by R. C. DALE
Checked	Notes R. C. DALE Date 11-10-72
Date	Indexed G. D. BAILEY DEC 13 1972

F. B. 3824 PG. 69

L.A. CITY, COUNTY BOUNDARY LINE

JN 030201

NOV 10 1972

FROM STATION 9 TO STATION 10
IN TOPANGA CYN AREA. EAST LINE
SECTION 7, T1S R16W

REF	PARTY
CSB 1015-2	R.C. DALE
CSB 1495	C.W. ADAMS
FB 544	W.J. DIETZ
FB 760	H.B. MITCHELL

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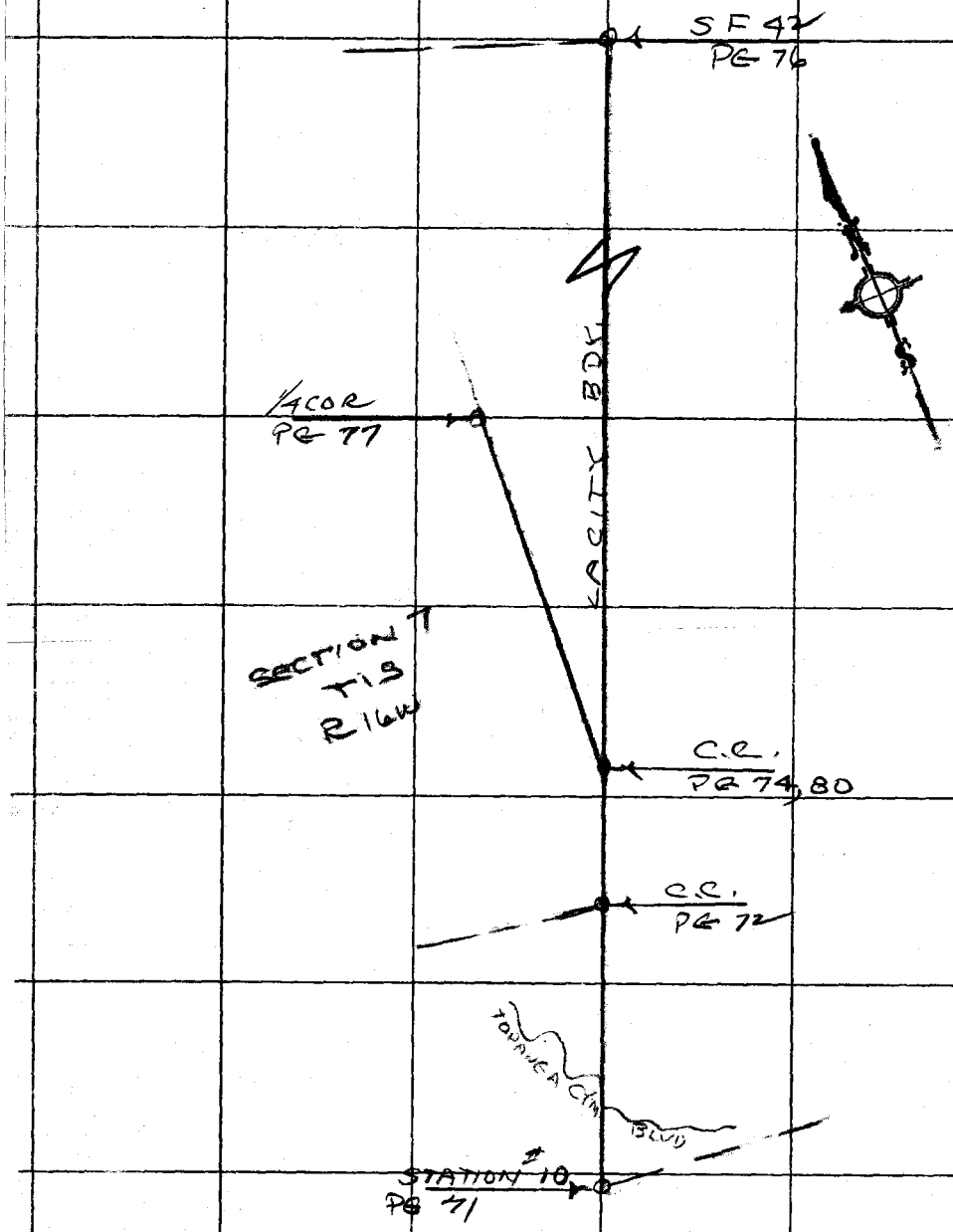
403 LOS ANGELES COUNTY ENGINEERING BLDG.

26F309S CE#310 3-68

F. B. 3824 PG. 70

INDEX



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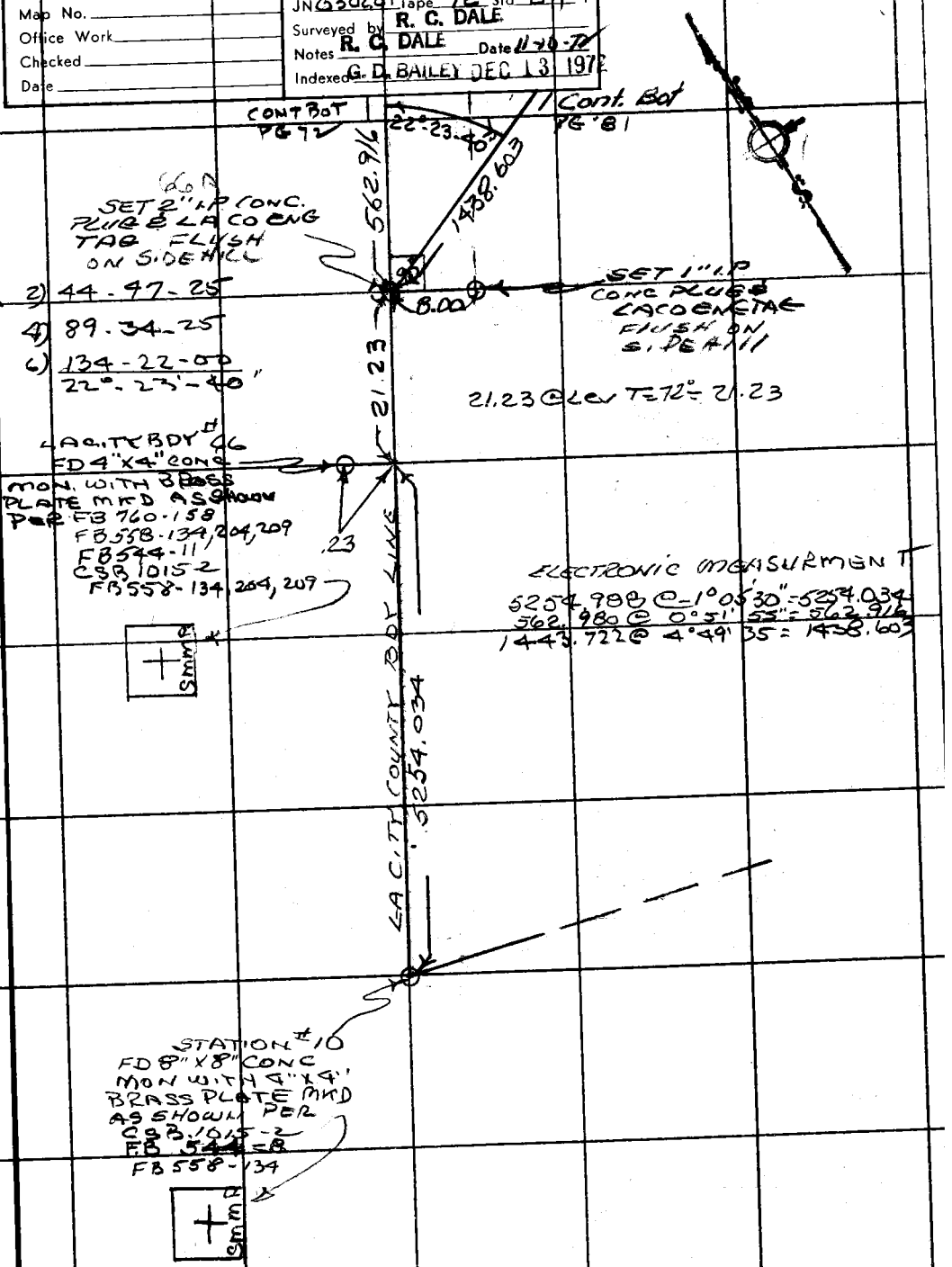
Notes Ck'd by R. HILARIO
Map No.
Office Work
Checked
Date

Survey of LACITY BDY.
JN 030201 Tape 12 Std 84 °F
Surveyed by R. C. DALE
Notes R. C. DALE Date 11-10-72
Indexed G. D. BAILEY DEC 13 1972

F. B. 3829 PG. 71



W.S. 129-097, B-1 & W.S. 89, C-4

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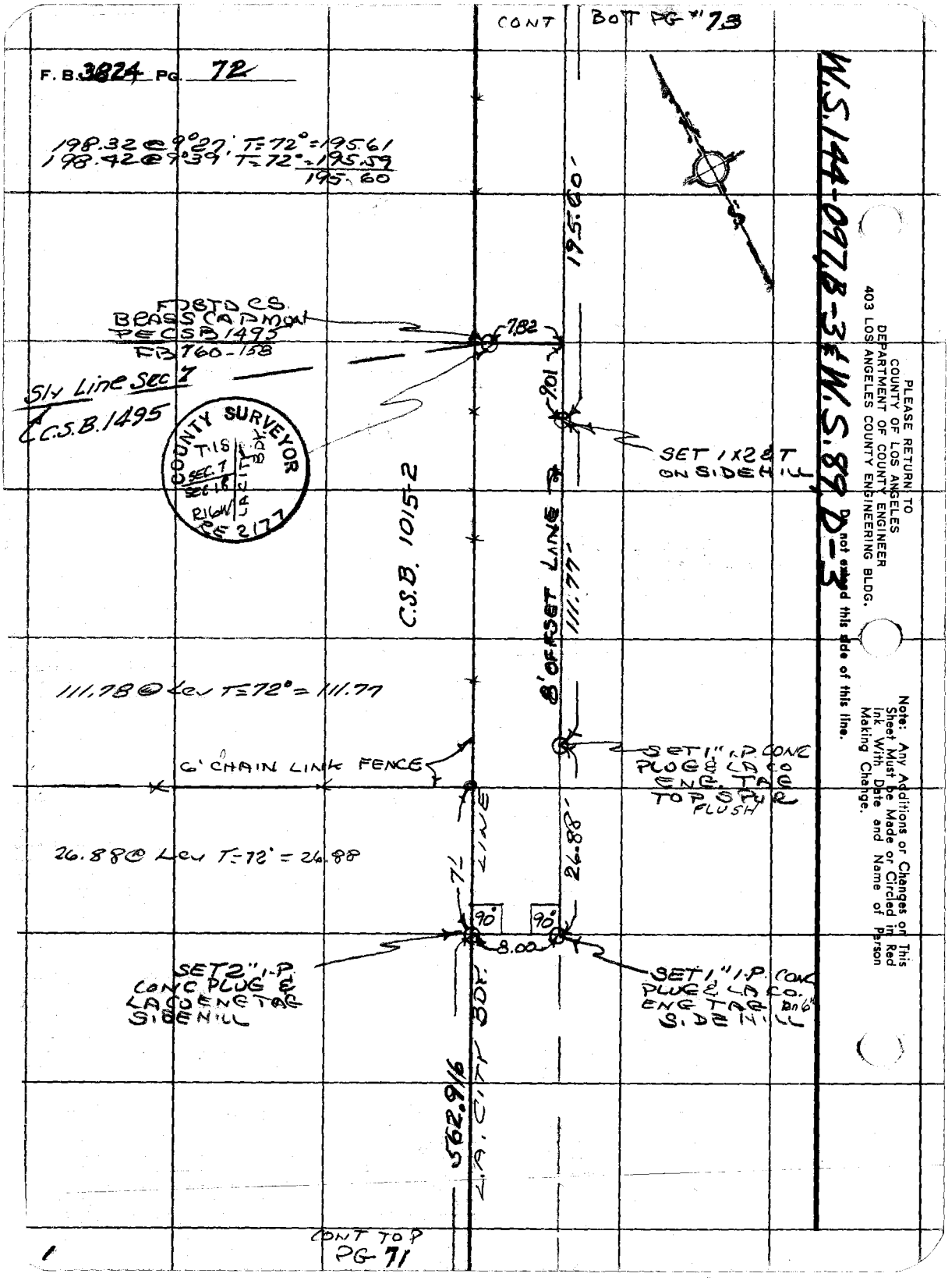
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68


CONT
BOT PG #73
F. B. 3824 PG. 72
198.32 @ 9°27' T=72° = 195.61
198.42 @ 9°39' T=72° = 195.59
195.60
FDBTD CS.
BRASS CAP MON
PE CSB 1495
FB 760-158
7.82
Sly Line Sec 7
℄ C.S.B. 1495
COUNTY SURVEYOR
T 1S
SEC. 7
SEC 18
R 16W
LA CITY BDY
RE 2177
9.01
SET 1 X 2 & T
ON SIDE HILL
C.S.B. 1015-2
8' OFFSET LINE
111.77'
111.78 @ Lev T=72° = 111.77
6' CHAIN LINK FENCE
SET 1" I.P. CONC
PLUG & LA CO
ENG. TAG
TOP SPUR
FLUSH
26.88 @ Lev T=72° = 26.88
7'
LINE
26.88'
90°
90°
8.00
SET 2" I.P.
CONC PLUG &
LA CO ENG TAG
SIDE HILL
SET 1" I.P. CONC
PLUG & LA CO.
ENG TAG on 6"
SIDE HILL
562.916
L.A. CITY BDY.
CONT TO P
PG 71
W.S. 144-097, B-3 & W.S. 89, D-3
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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Notes Ck'd by R. HILARIO	Survey of LA CITY BDY
Map No.	JN 0302.01 Tape 12 Std 89 °F
Office Work	Surveyed by R. C. DALE
Checked	Notes R. C. DALE Date 11-13-72
Date	Indexed G. D. BAILEY DEC 13 1972

F. B. 3824 PG. 73

CONT BOT PG 74

168.18 @ 8°01' T=66° = 166.52
168.13 @ 7°51' T=66° = 166.53
AVG = 166.52

166.52

SET 1" I.P. CONC PLUG & LA CO ENG TAG DN 6"

8' OFFSET LINE

225.34 @ 2°23' T=70° = 225.13
225.36 @ 2°32' T=70° = 225.12
AVG = 225.13

225.13

34.24 @ LAW T.70° = 34.24

SET 1" I.P. CONC PLUG & LA CO ENG TAG FLUSH

SET 1x2 ET

LA CITY LINE

223.43 @ 5°22' T=70° = 222.43
223.49 @ 5°32' T=70° = 222.43
AVG = 222.43

222.43

2) 131-30-00
4) 263-00-30
6) 34-30-30
65°-45'-05

212.10

65°-45'-05"

SET 1" I.P. CONC PLUG & LA CO ENG TAG FLUSH

195.60'

CONT RIGHT PG 24

CONT TOP PG 72

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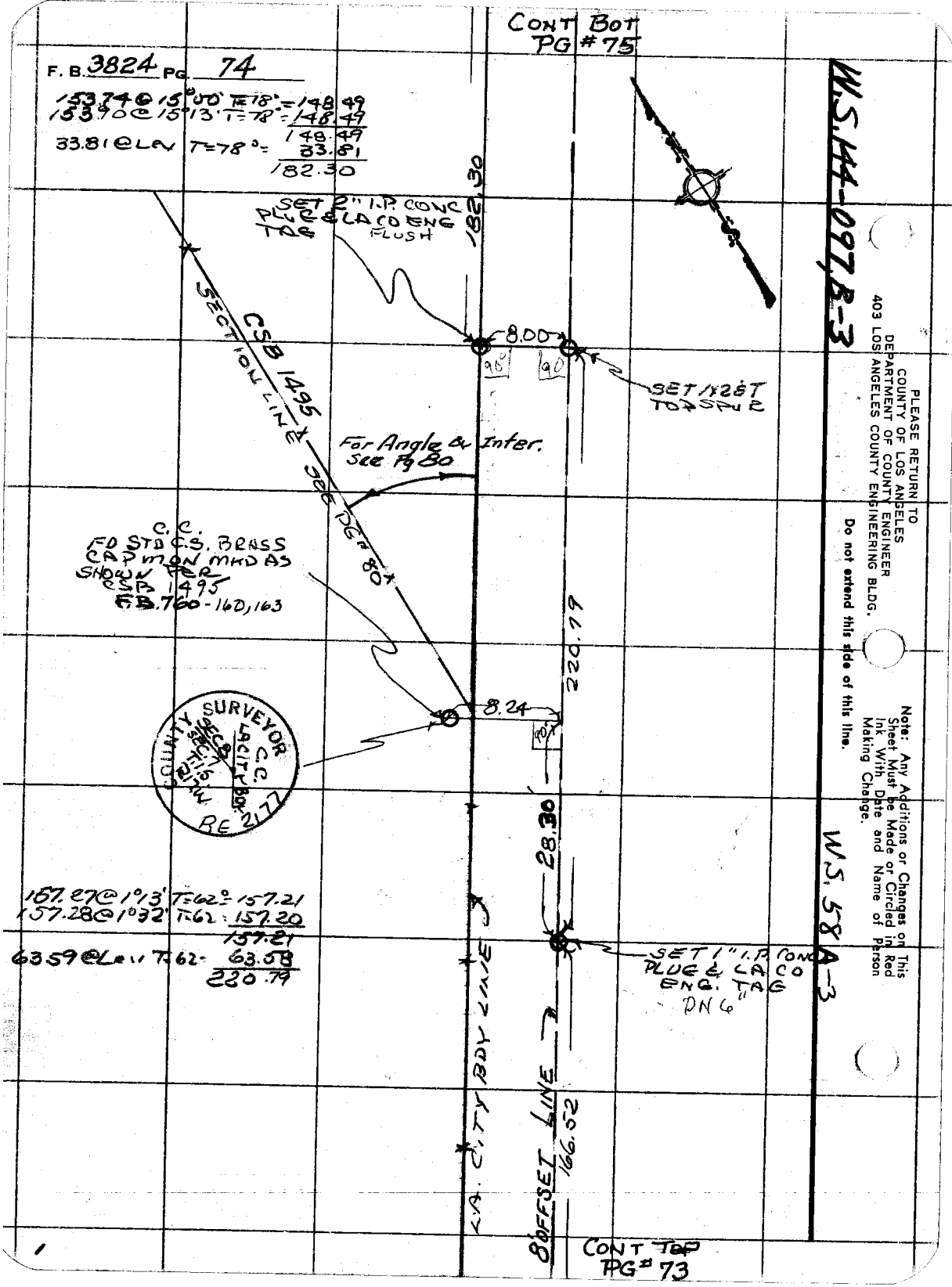
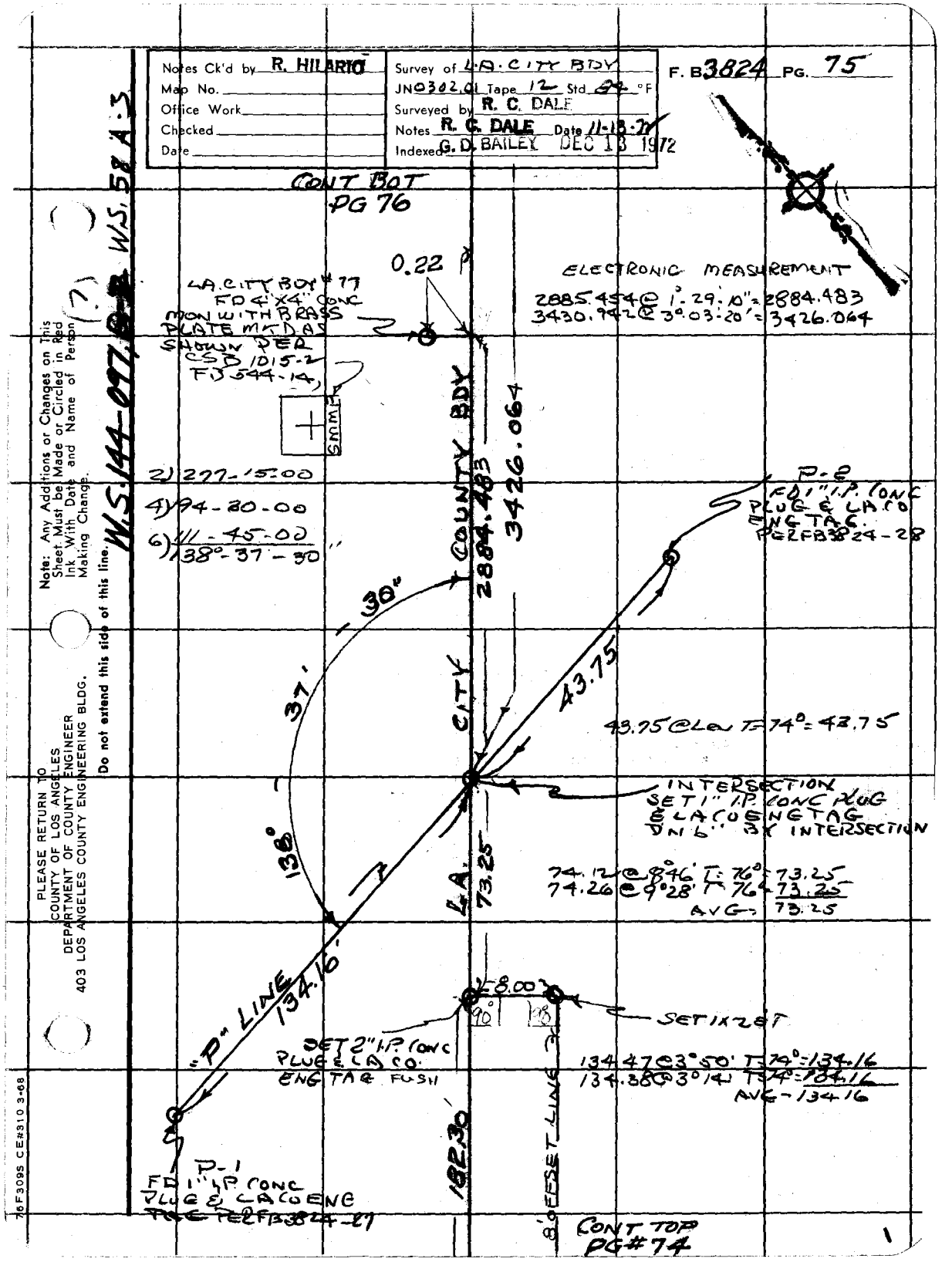
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE#310 3-68


CONT BOT
PG # 75
F. B. 3824 PG. 74
153.74 @ 15°00' T=78° = 148.49
153.90 @ 15°13' T=78° = 148.49
148.49
33.81 @ LEV T=78° = 33.81
182.30
SET 2" I.P. CONC PLUG & LA CO ENG TAG FLUSH
182.30
CSB 1495
SECTION LINE
8.00
90°
90
SET 1x28T TOP SPUR
For Angle & Inter. See Pg 80
SEE PG # 80
C.C. FD STD C.S. BRASS CAP MON MKD AS SHOWN PER CSB 1495 F.B. 760-160, 163
220.79
8.24
90°
COUNTY SURVEYOR C.C. LA CITY BDY SEC 8 SEC 7 T.1.5 R.17W RE 2177
28.30
157.27 @ 1°13' T=62° = 157.21
157.28 @ 1°32' T=62 = 157.20
157.21
63.59 @ LEV T=62 = 63.58
220.79
SET 1" I.P. CONC PLUG & LA CO ENG. TAG DN 6"
LA. CITY BDY LINE
8' OFFSET LINE
166.52
CONT TOP
PG # 73
W.S. 144-097, B-3
W.S. 58 A-3
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by R. HILARIO	Survey of L.A. CITY BDY
Map No.	JN 0302.01 Tape 12 Std 84 °F
Office Work	Surveyed by R. C. DALE
Checked	Notes R. C. DALE Date 11-13-72
Date	Indexed G. D. BAILEY DEC 13 1972

F. B. 3824 PG. 75



W.S. 144-097, W.S. 58 A-3

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76F309S CE#310 3-68

F. B. 3824 PG. 76

W.S.57, B-5, W.S.58, A-2, B-2

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C.S.B. 1015-2

SF #42
FD 12"x12" CONC
MON WITH 2" BRASS
CAP SET IN CTR.
MKD AS SHOWN.
PER CSB 1995
CSB 1015-2
FB 544-19
FB 558-134

COUNTY BOUNDARY
SF 42
RES. E-9
RESET
1969
L.A. CITY

7910.563

ELECTRONIC MEASUREMENTS
7910.690 @ 0° 19' 50" = 7910.563
4247.370 @ 2° 50' 35" = 4242.142

86A
FD 4"x4" CONC
TOP BROKEN OFF
NO BRASS CAP.
RESET STD. CE BRASS
CAP MON MKD AS
SHOWN.

5.51

SET 1" I.P. CONC
PLUG & LA CO ENG
TAG TOP RIDGE
FROM THIS POINT
YOU CAN SEE FROM
END TO END
TO STATION 10 SF-42

COUNTY ENGINEER
P.O.T.
L.A. CITY
R.E. 7078

4242.142

0.08'

L.A. CITY BDY #78
FD 4"x4" CONC
MON WITH BRASS
PLATE MKD AS
SHOWN PER
C.S.B. 1015-2
FB 544-14

L.A. CITY BDY

3436.064

1

CONT

TOP FG 75

Notes Ck'd by R. HILARIO	Survey of SECTION LINE
Map No.	JN 0302.01 Tape 12 Std 84 °F
Office Work	Surveyed by R. C. DALE
Checked	Notes R. C. DALE Date 11-15-72
Date	Indexed B. D. BAILEY DEC 13 1972

F. B. 3824 PG. 77

W.S. 144-097, B-2 & W.S. 89, D-2

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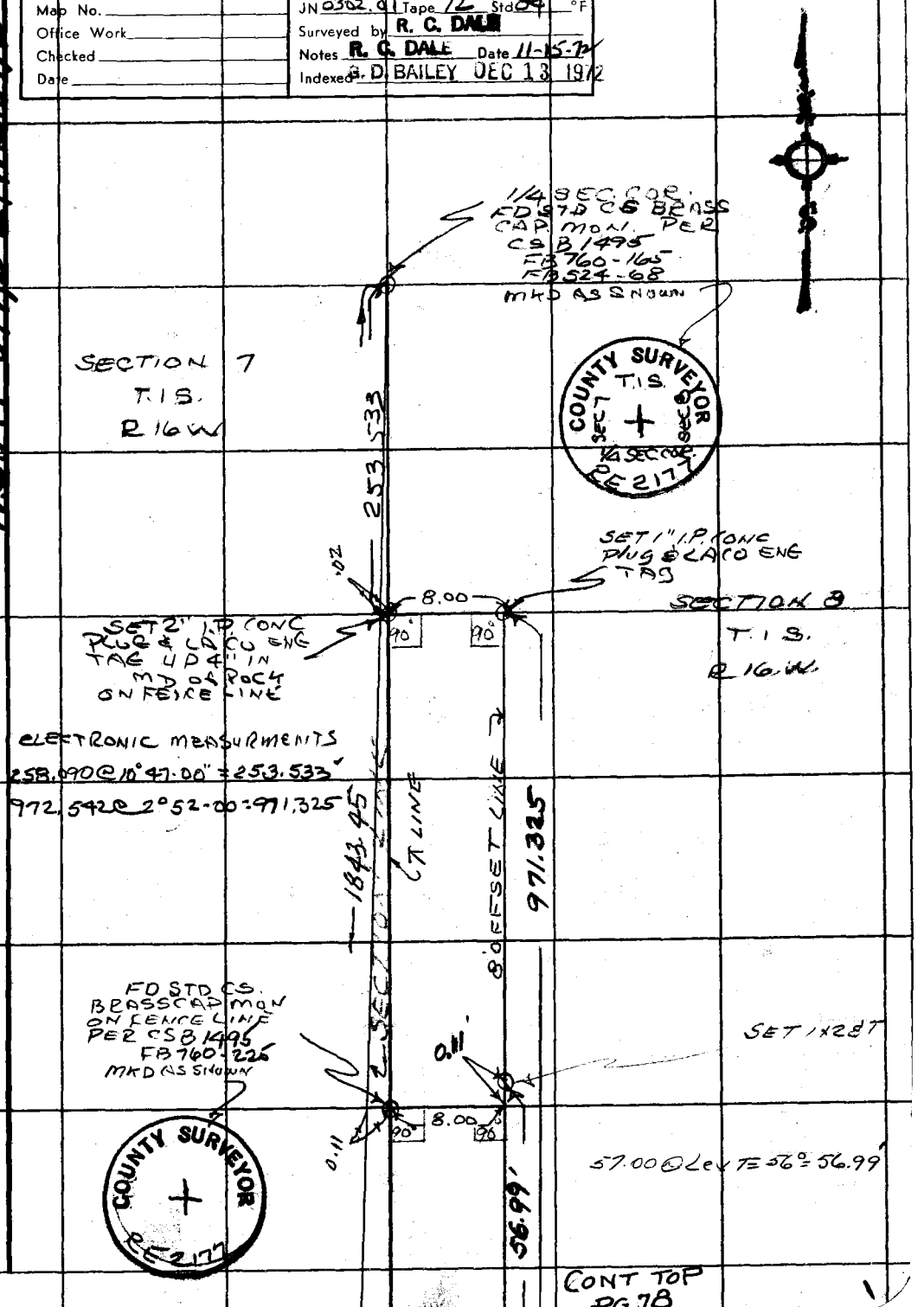
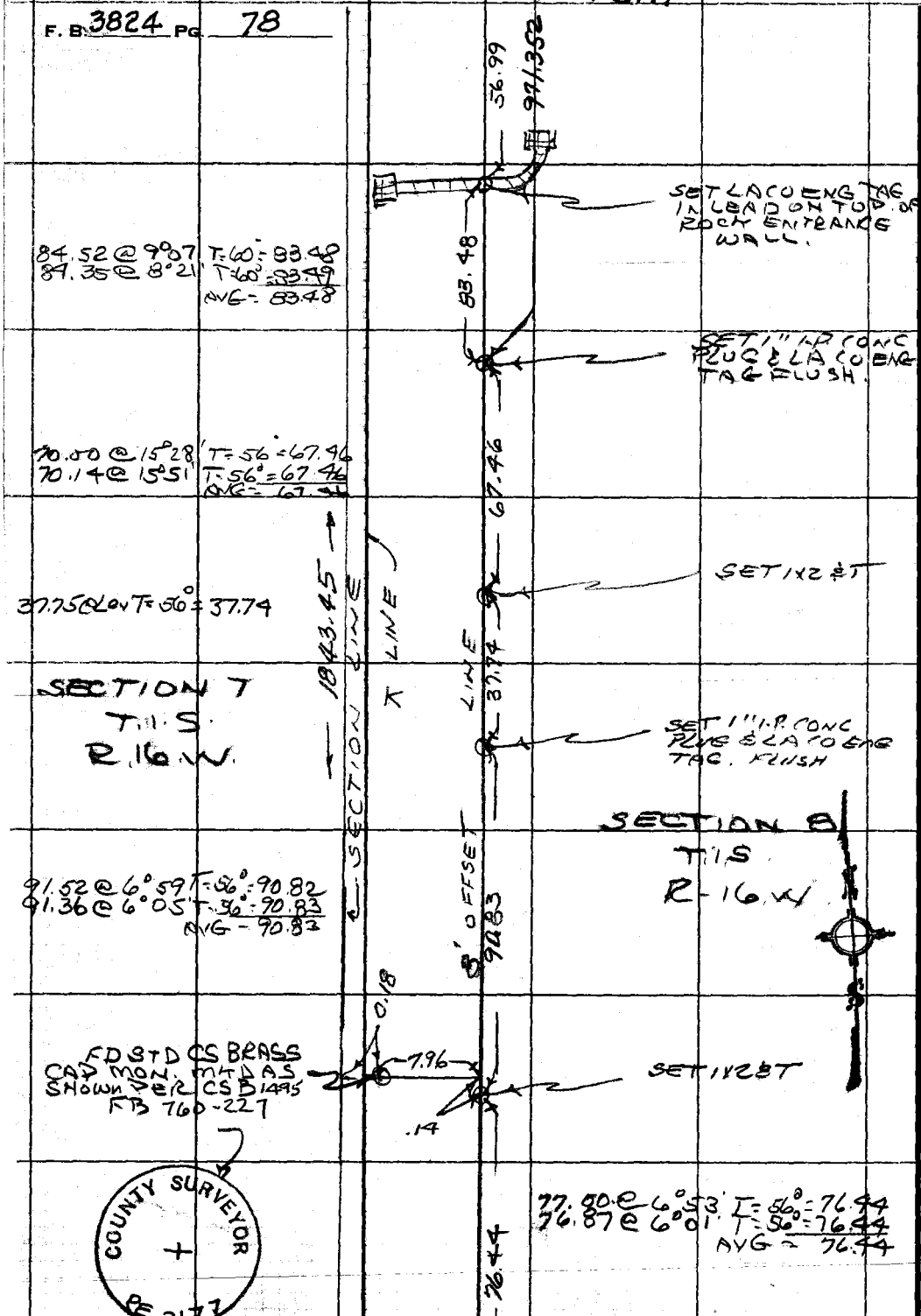
403 LOS ANGELES COUNTY ENGINEERING BLDG.



16F3095 CE#310 3-68

CONT BOT. PG. 77

F. B. 3824 PG. 78



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X

CONT TOP PG 79

Notes Ck'd by R. HILARIO	Survey of SECTION LINE
Map No.	JN 03 02 01 Tape 12 Std. 94 °F
Office Work	Surveyed by R. C. DALE
Checked	Notes R. C. DALE Date 11-15-71
Date	Indexed G. D. BAILEY DEC 13 1972

F. B. 3824 PG. 79

W.S.144-097,B-3,W.S.89,D-3

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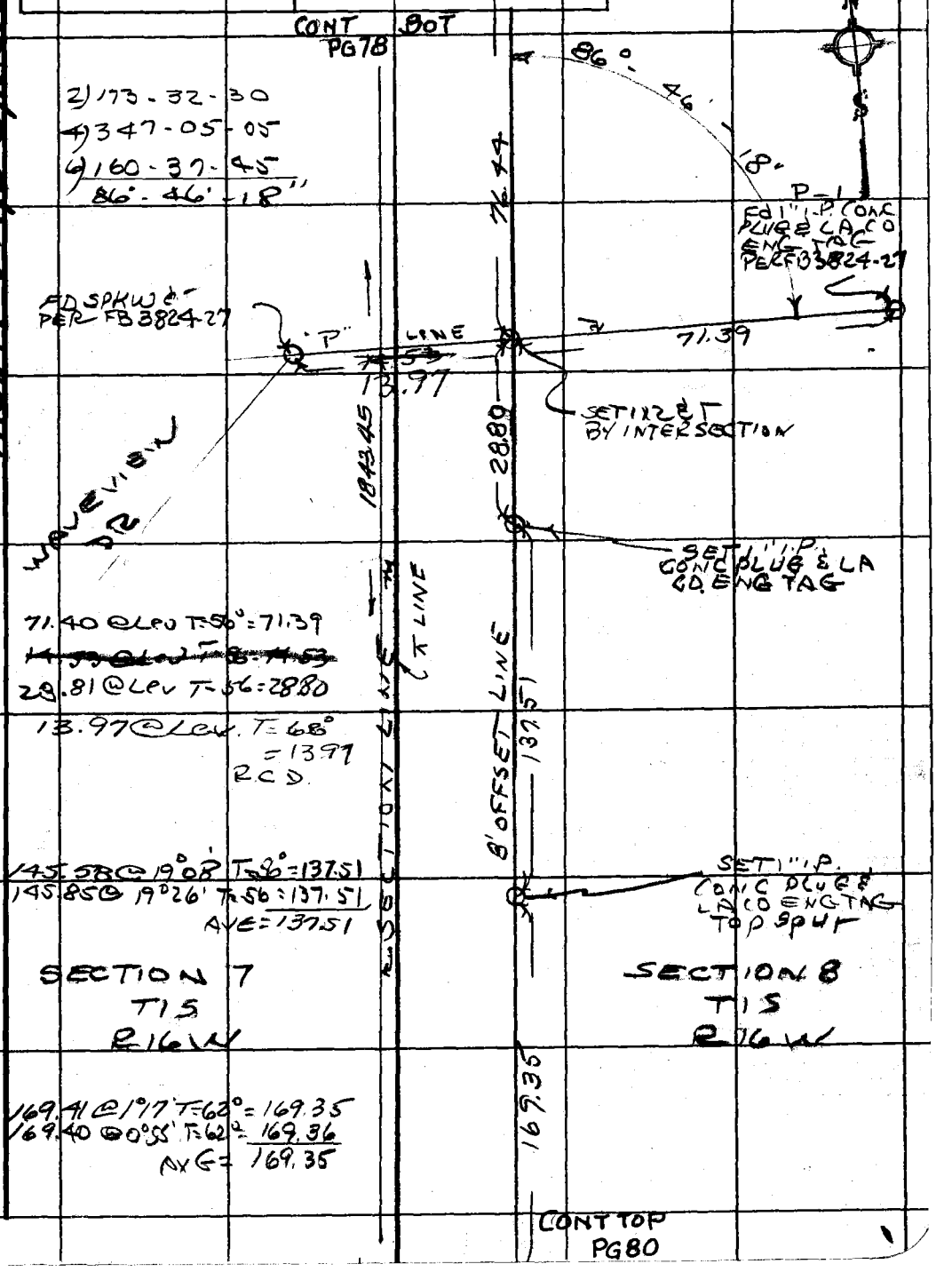
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.



76F309S CE#310 3-68

F. B. 3824 Pg. 80

CONT BOT PG. 79

W.S. 144-097, B-W

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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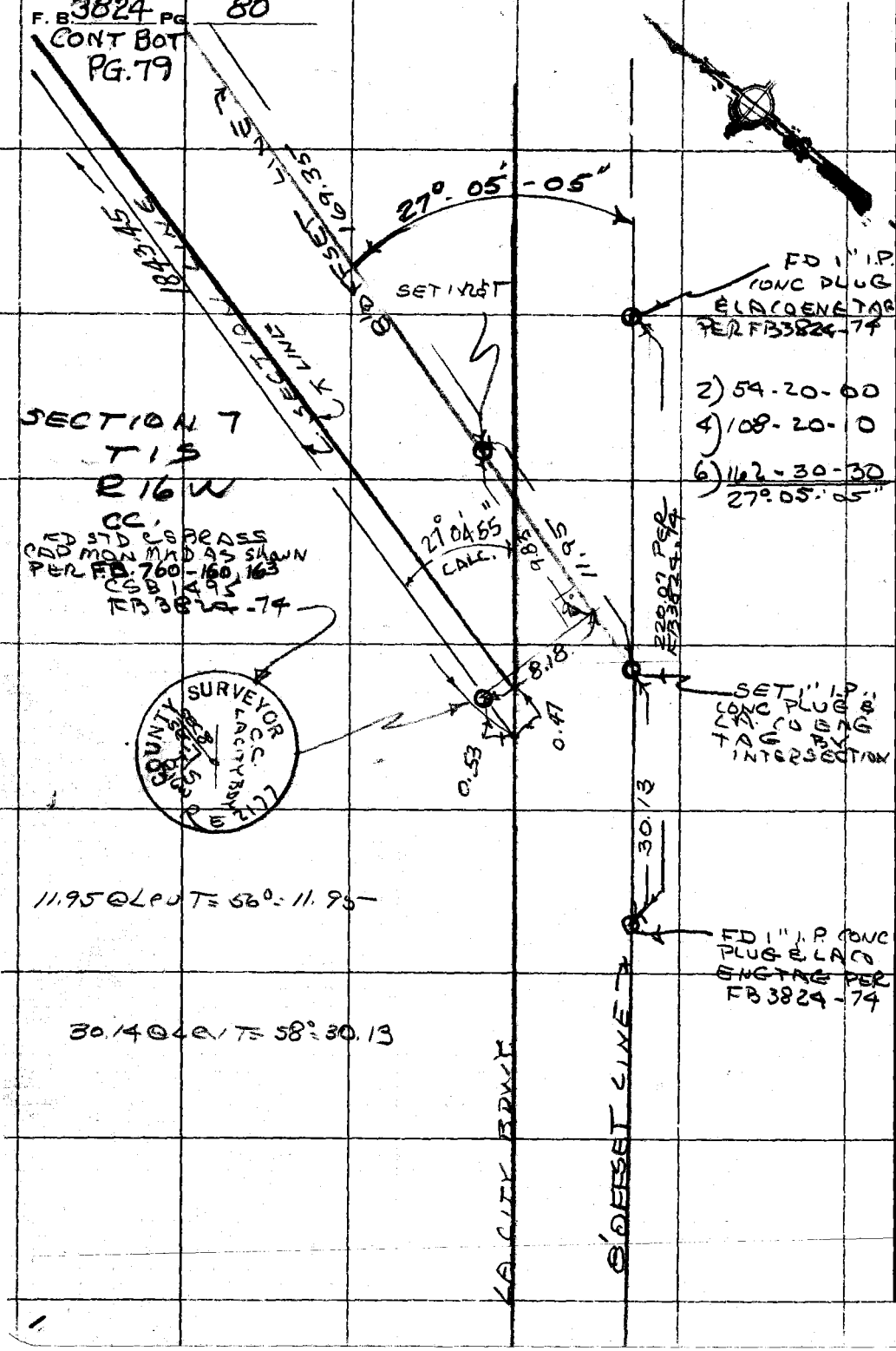
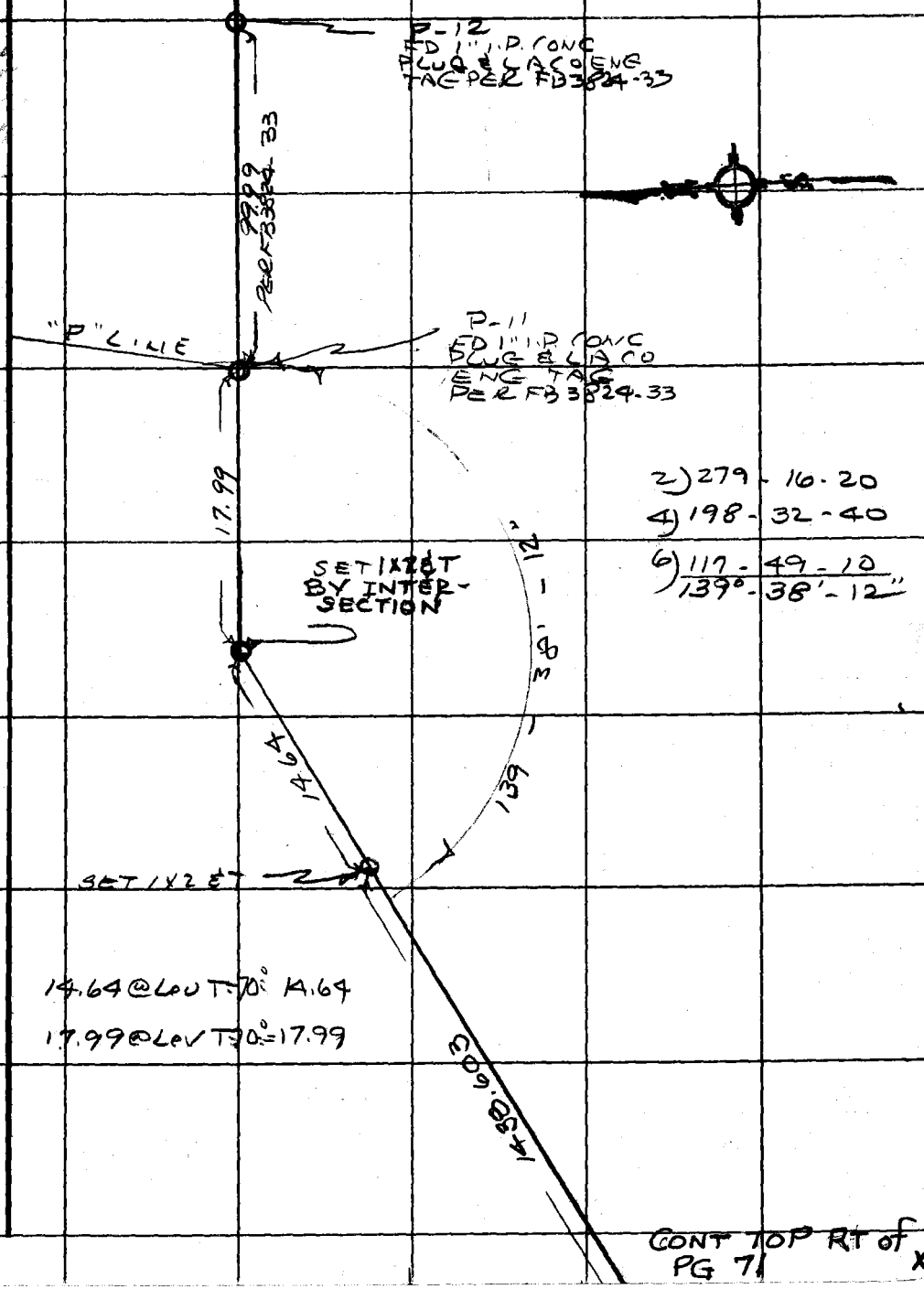


Notes Ck'd by R. HILARIO	Survey of SECTION LINE
Map No.	JN 030201 Tape R Std 84 °F
Office Work	Surveyed by R. C. DALE
Checked	Notes R. C. DALE Date 11-28-72
Date	Indexed G. D. BAILEY DEC 13 1972

F. B. 3824 PG. 81



CONT TOP RT of PG 71

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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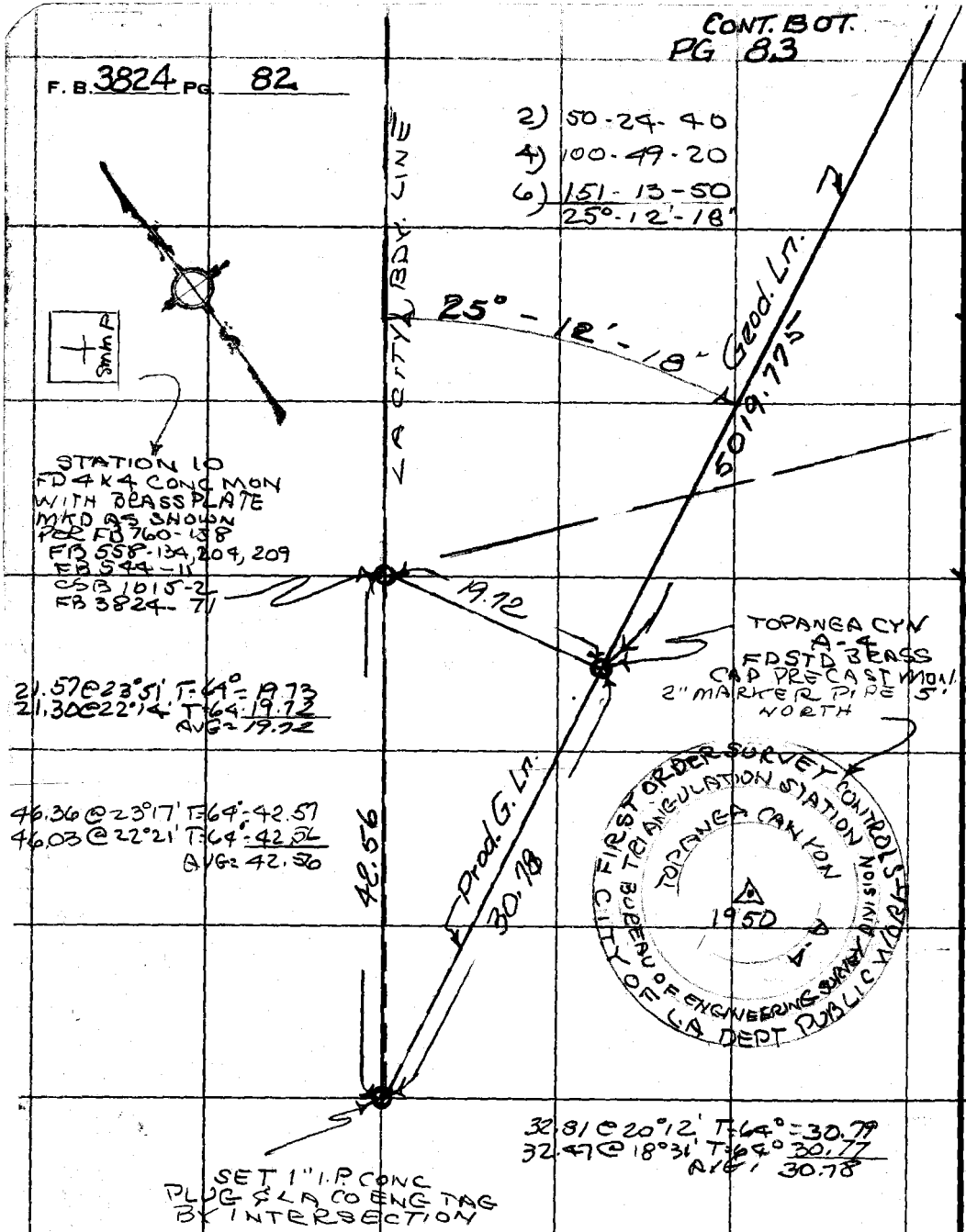
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-68

CONT. BOT.
PG 83

F. B. 3824 PG 82



ELECTRONIC MEASUREMENTS

T.C. A4 TO T.C. C3 = 5034.796 @ 4°25'28" = 5019.792
T.C. C3 TO T.C. A4 = 5034.868 @ 4°26'23" = 5019.759
MEAN = 5019.775

W.S. 129-097, B-1 & W.S. 89, C-4

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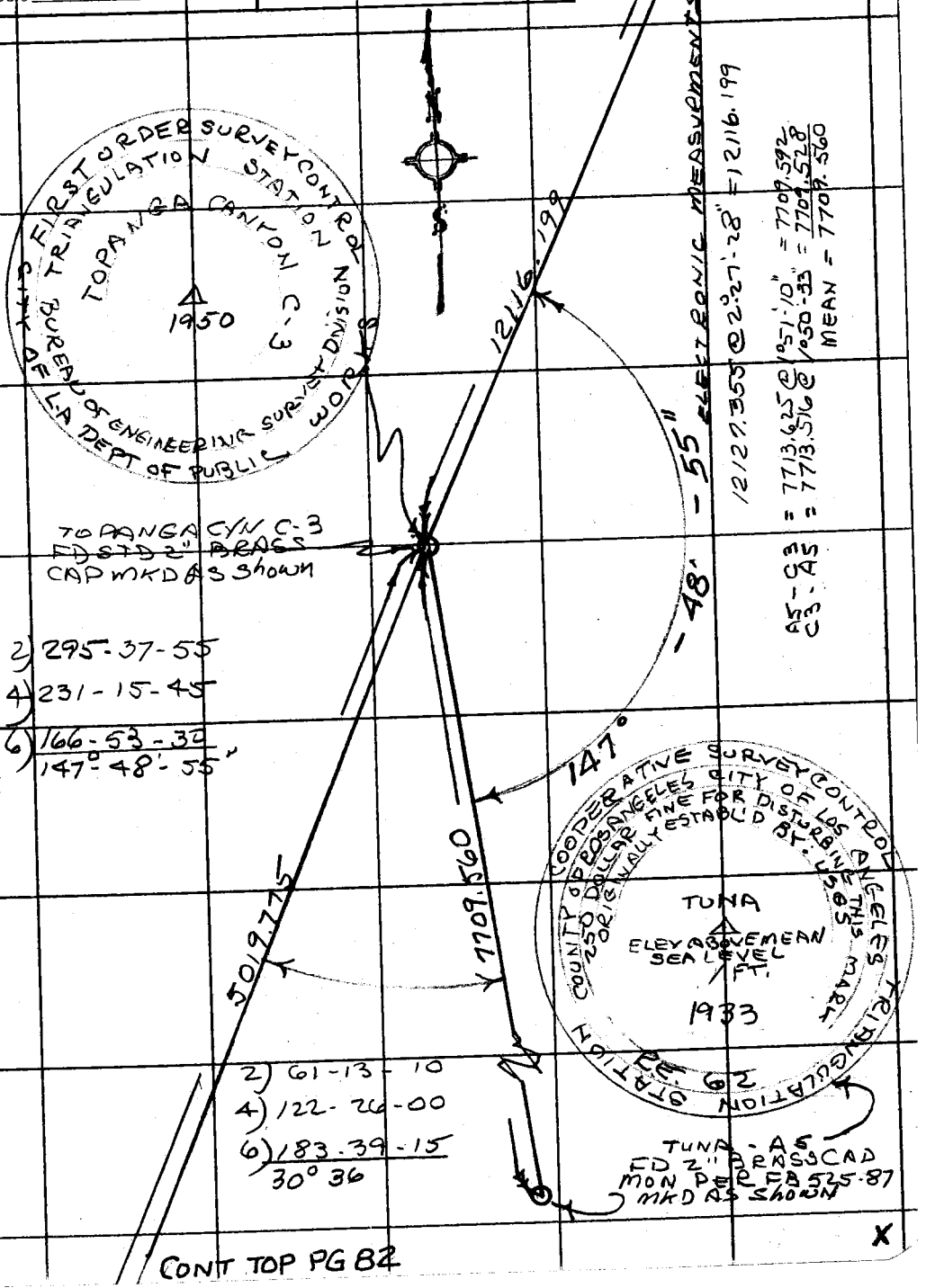
Notes Ck'd by R. HILARIO
Map No.
Office Work
Checked
Date

Survey of CITY BDY LINE
JN 0303.00 Tape 12 Std 99 °F
Surveyed by R. C. DALE
Notes R. C. DALE Date 4-10-73
Indexed T. M. PALMERI MAY 9 1973

F. B. 3824 PG. 83

CONT BOT PG 84



CONT TOP PG 82

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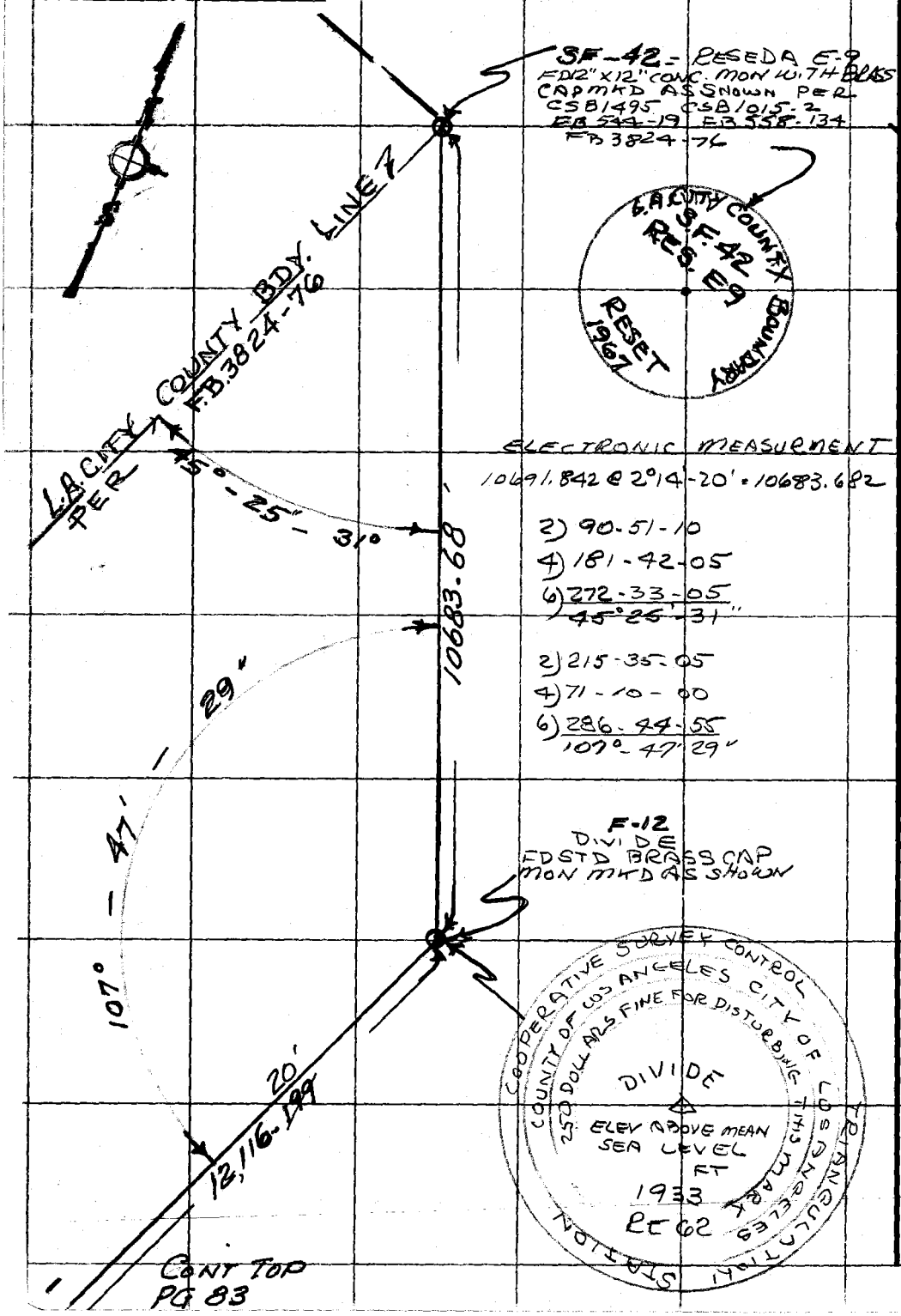
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-68

F. B. 3824 PG. 84

W.S. 57, B-5



ELECTRONIC MEASUREMENT

10691.842 @ 2°14'-20' = 10683.682

2) 90-51-10
4) 181-42-05
6) 272-33-05
45°25'-31"

2) 215-35-05
4) 71-10-00
6) 286-44-55
107°-47'29"

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Notes Ck'd by	Survey of WW#29-ENTRADA TANK SITE
Map No.	JN 5293.88 Tape 16 Std 84 °F
Office Work	Surveyed by J. TERRANOVA
Checked	Notes J.T. Date 8-5-76
Date	Indexed by M. PALMERI AUG 1 0 1976

F. B. 3824 PG. 85

WW#29-ENTRADA TANK SITE

TOPANGA STATE PARK

HORIZ. CONTROL FOR 20 SCALE TOPOG MAP AND TIE TO L.A. CITY BOUNDARY

JN 5293.88

AUGUST 1976

REFERENCE

CSB 1015-2

FB 3824

PARTY

JOE TERRANOVA

RAY ALMANZAN

GERALD ROGERS

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

6F309S CE#310 3-69

F. B. 3824 Pg. 86

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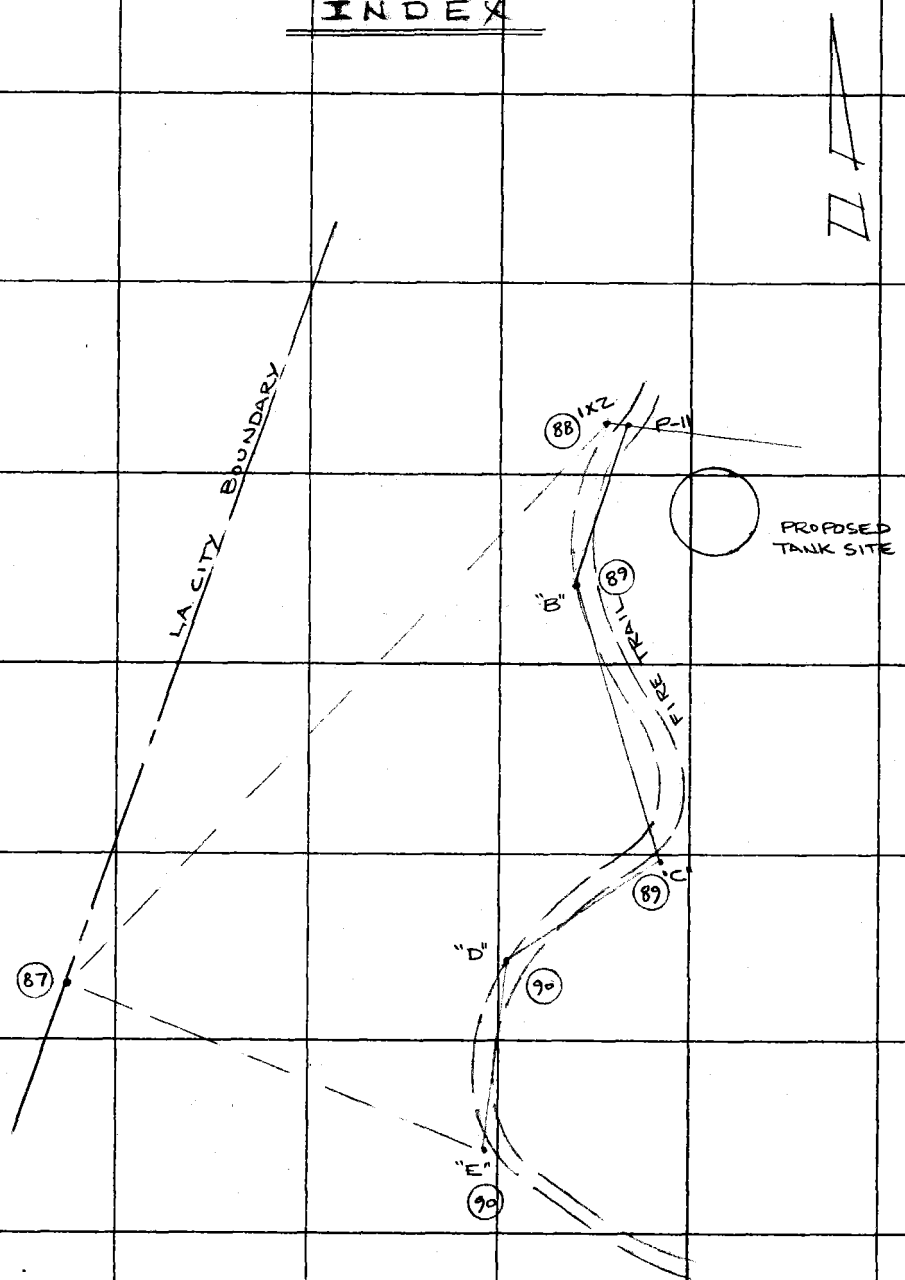

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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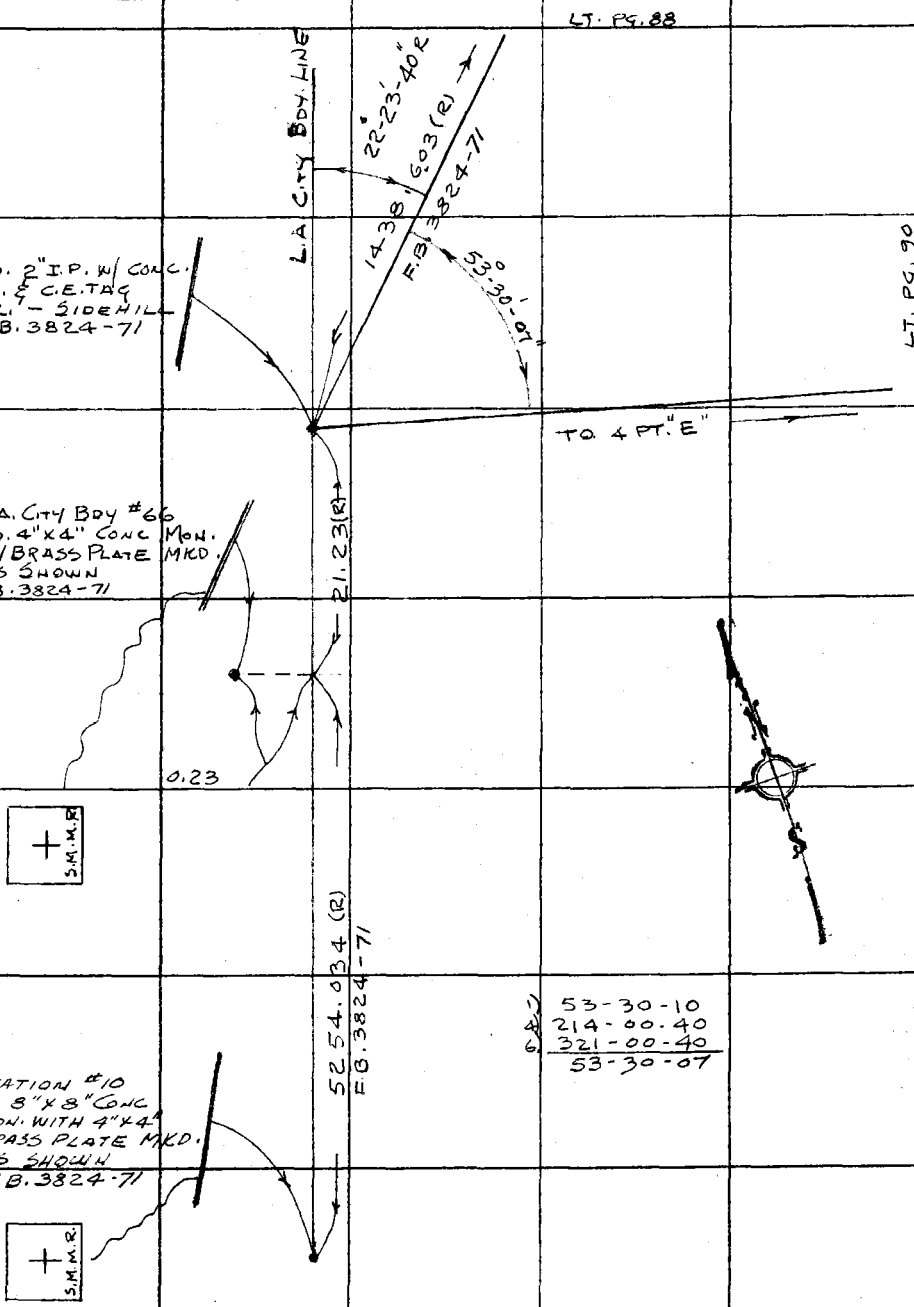
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of ENTRADA RES. SITE
Map No.	JN 5293.38 Tape 16 Std 84 °F
Office Work	Surveyed by J. TERRANOVA
Checked	Notes J.T. Date 8-5-76
Date	Indexed E. M. PALMER AUG 1 0 1976

F. B. 3824 PG. 87



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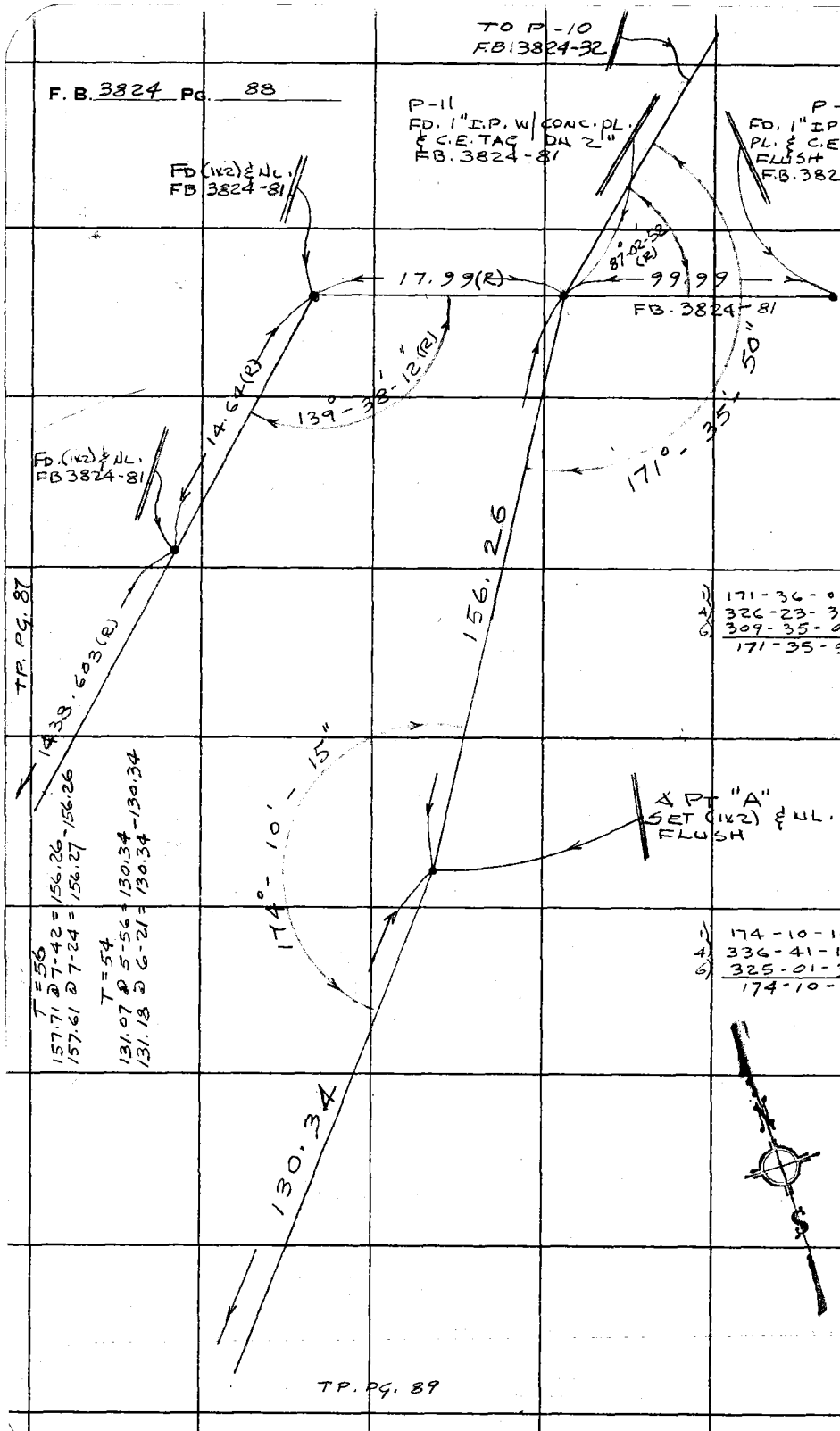
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 3824 Pg. 88



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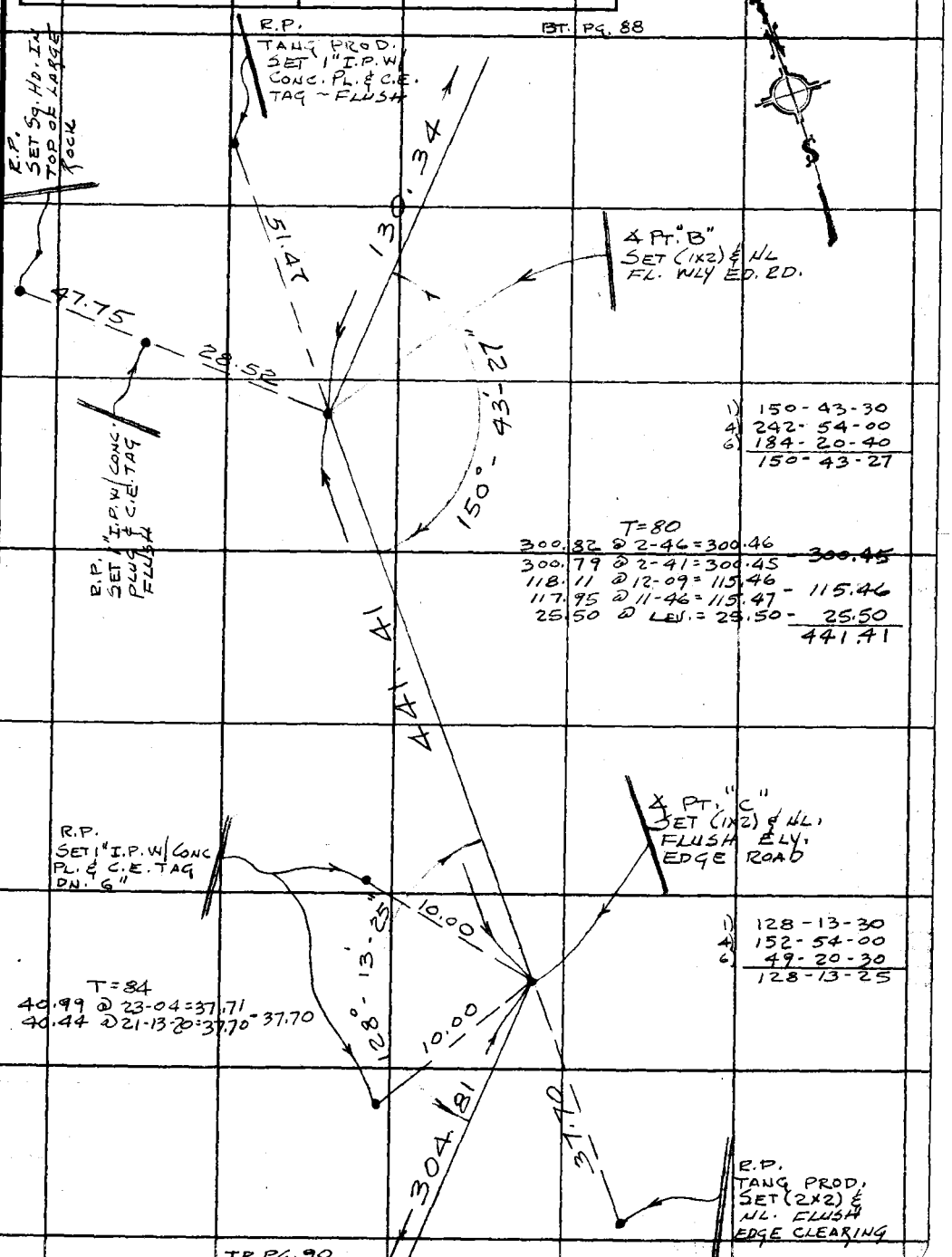
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of ENTRADA RES. SITE
Map No.	JN 5293 88 Tape 16 Std 84 °F
Office Work	Surveyed by J. TERRANOVA
Checked	Notes J.T. Date 8-5-76
Date	Indexed L. M. PALMERI AUG 10 1976

F. B. 3824 PG. 89

BT. PG. 88



1) 150-43-30
4) 242-54-00
6) 184-20-40
150-43-27

T=80

300.82 @ 2-46 = 300.46		
300.79 @ 2-41 = 300.45		300.45
118.11 @ 12-09 = 115.46		
117.95 @ 11-46 = 115.47	-	115.46
25.50 @ LEN. = 25.50	-	25.50
		441.41

1) 128-13-30
4) 152-54-00
6) 49-20-30
128-13-25

T=84

40.99 @ 23-04 = 37.71		
40.44 @ 21-13-20 = 37.70	-	37.70

TP PG. 90

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16F309S CE#310 3-69

BT. PG. 89

F. B. 3824 PG. 90

1) 159-59-00
4) 279-55-50
6) 239-53-40
159-58-57

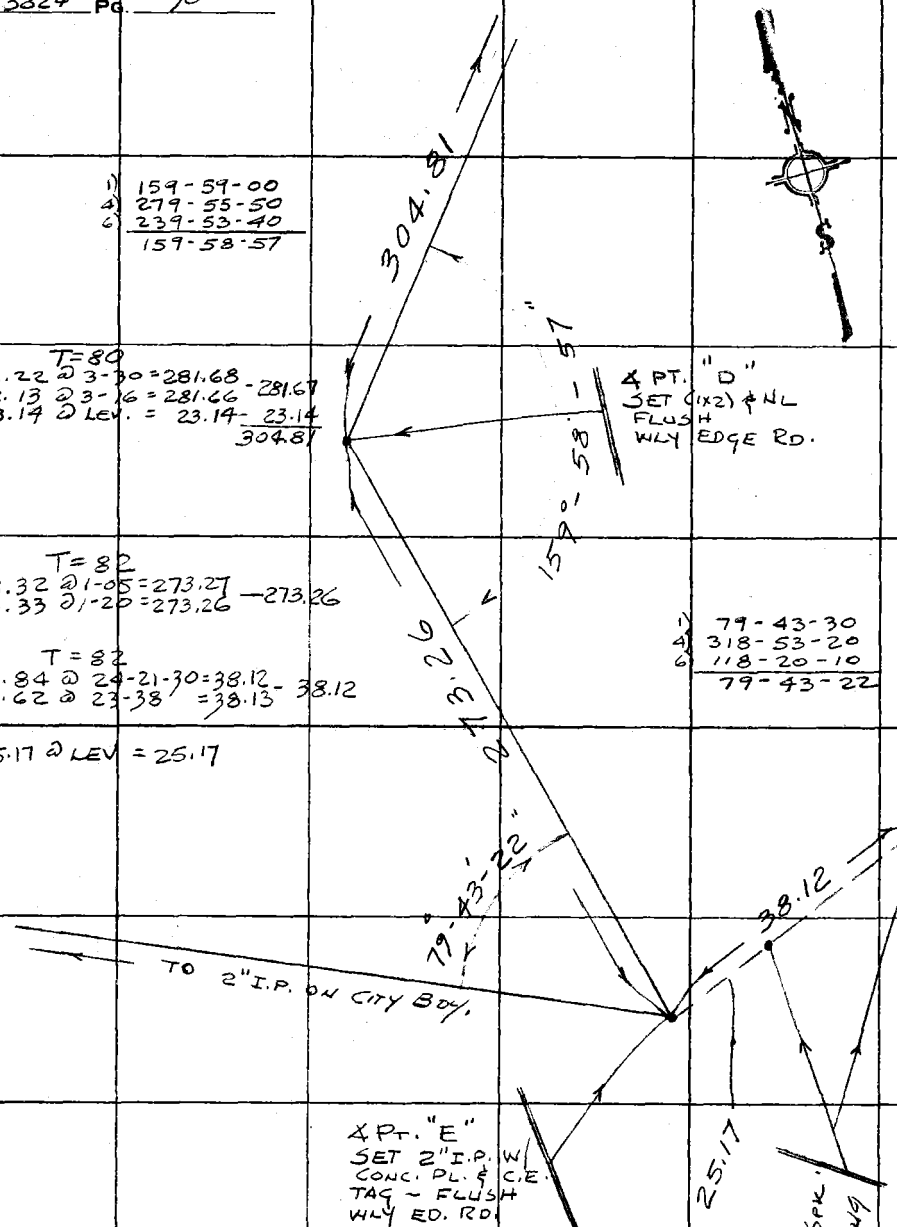
T=80
282.22 @ 3-30 = 281.68 - 281.67
282.13 @ 3-16 = 281.66
23.14 @ LEV. = 23.14 - 23.14
304.81

T=82
273.32 @ 1-05 = 273.27 — 273.26
273.33 @ 1-20 = 273.26

T=82
41.84 @ 24-21-30 = 38.12 - 38.12
41.62 @ 23-38 = 38.13

25.17 @ LEV = 25.17

1) 79-43-30
4) 318-53-20
6) 118-20-10
79-43-22



BT. PG. 87

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Notes Ck'd by	Survey of ENTRADA TK SITE
Map No.	JN 5293.88 Tape Std °F
Office Work	Surveyed by J.T.
Checked	Notes J.T. Date 5-15-78
Date	Indexed T.M. PALMERI AUG 1 1978

F. B. 3824 PG. 91

W.W. #29 - ENTRADA TANK SITE

HORIZ. LOCATION OF ACCESS ROAD AND TANK SITE IN STATE PARK

J.N. 5293.88

REF.	PARTY
F.B. 3824 STAKING & GRADING PLANS	TERRANOVA DALE LIND DOVER

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76F309S CE#310 3-69

F. B. 3824 PG. 92

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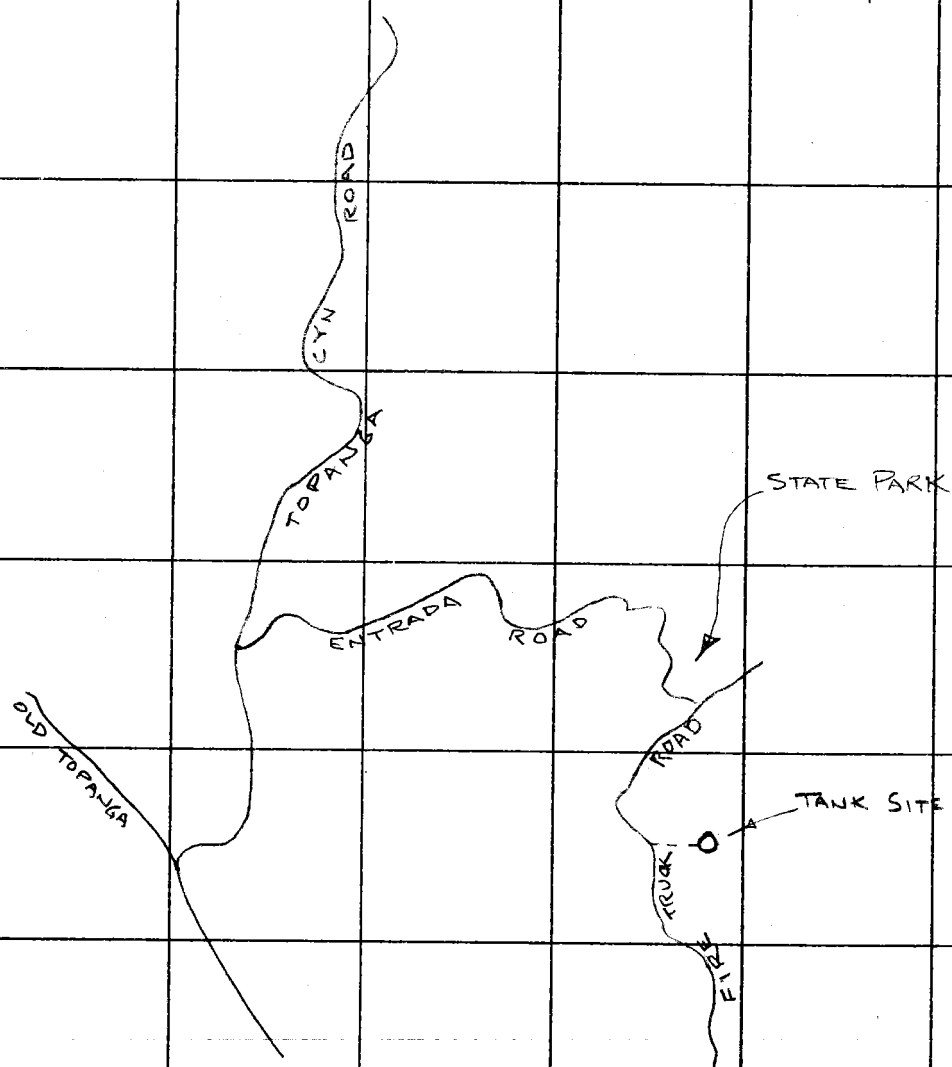

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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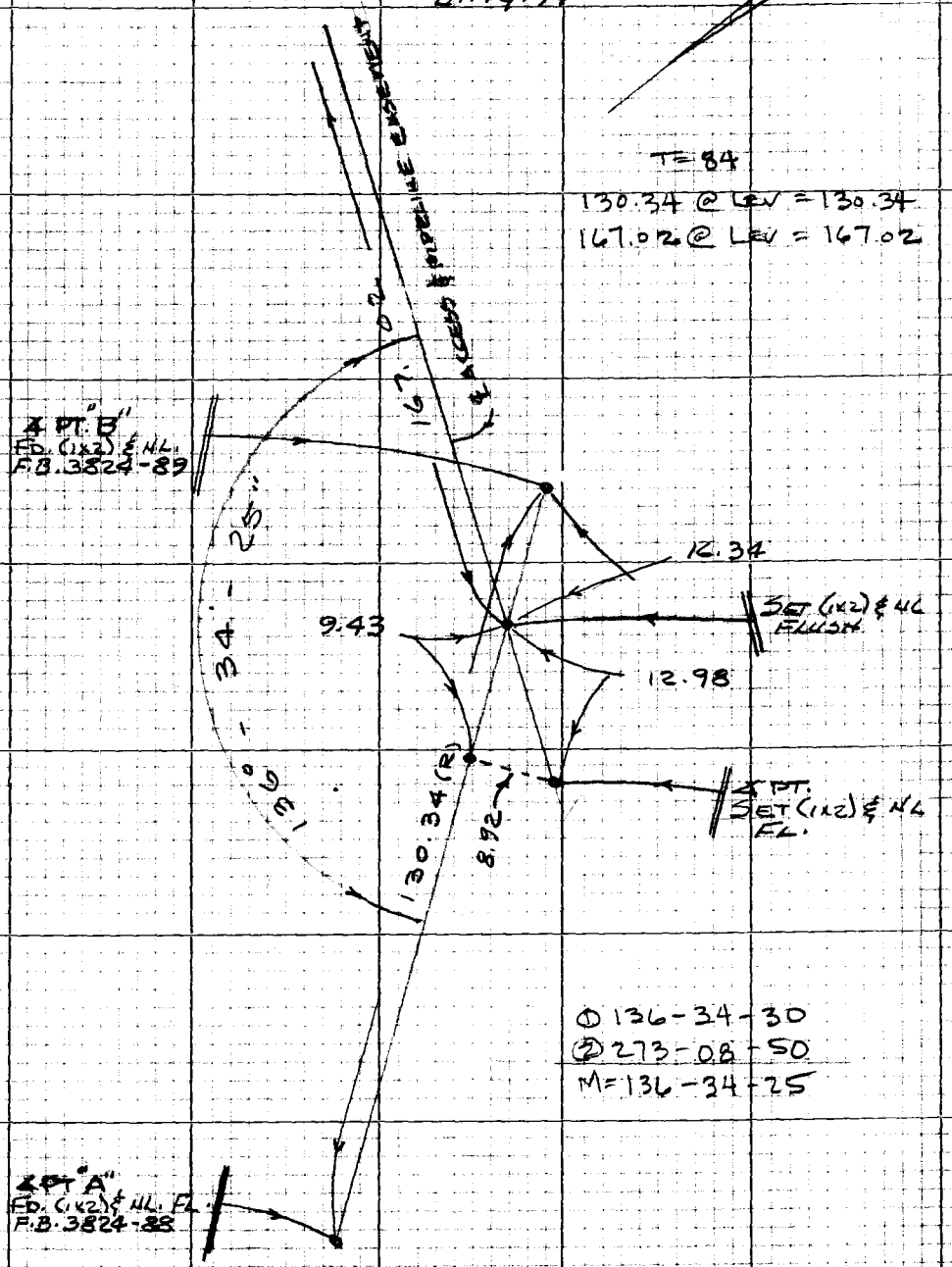
Notes Ck'd by	Survey of ENTRADA TK SITE
Map No.	JN 529388 Tape Std °F
Office Work	Surveyed by J.T.
Checked	Notes J.T. Date 5-15-78
Date	Indexed T.M. PALMERI AUG 1

F.B. 3824 Pg. 93

BT. PG. 94



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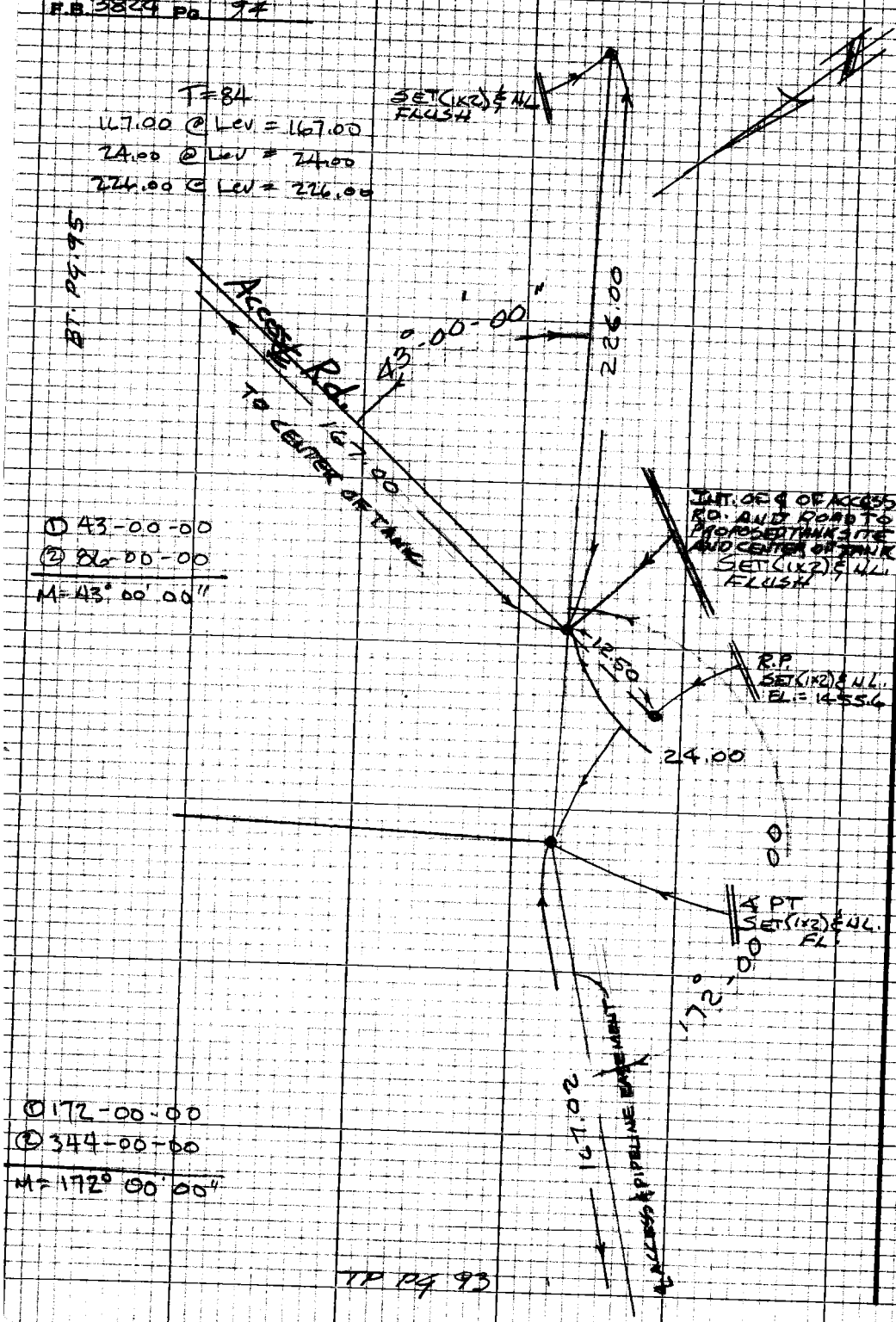
76P3098 CE #310 5-66

F.B. 3824 Pg. 94



① 43-00-00
② 86-00-00
M= 43° 00' 00"

① 172-00-00
② 344-00-00
M= 172° 00' 00"

TP PG 93

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P3095 CE #310 5-66

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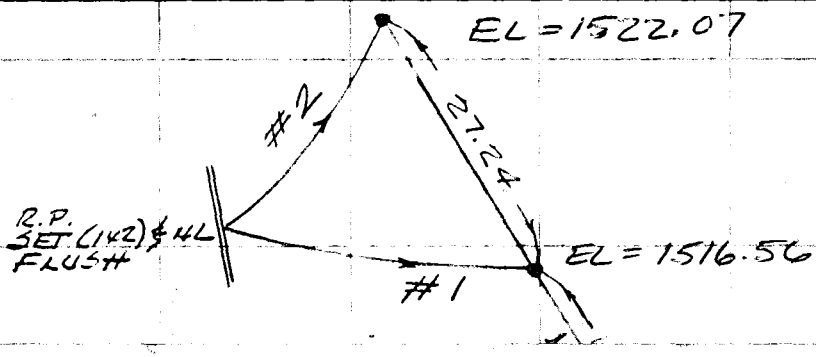
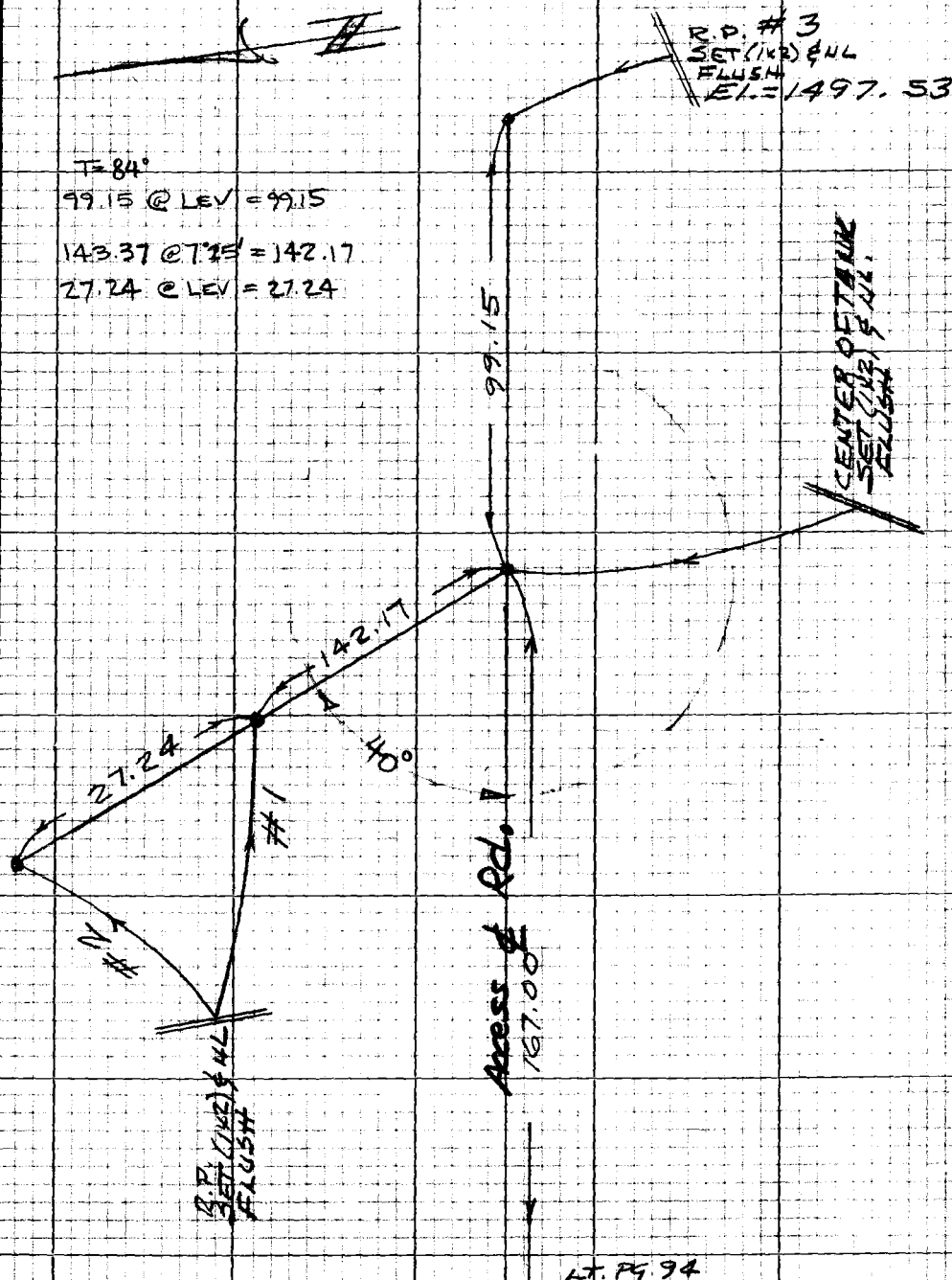


T = 84°
99.15 @ LEV = 99.5
143.37 @ 7°25' = 142
27.24 @ LEV = 27.24

Notes Ck'd by
Map No.
Office Work
Checked
Date

1145

Notes Ck'd by	Survey of ENTRADA FK. SITE	F.B. 3824 Pg. 95
Map No.	JN 529388 Tape Std °F	
Office Work	Surveyed by J.T.	
Checked	Notes J.T. Date 5-15-78	
Date	Indexed T.M. PALMERI AUG 1 1978	



LT. PG. 94

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P3095 CE #310 5-66

Profile No.	Notes Red	Plotted	Job No. 5293.88	Division No.	F. B. 3824 PG. 97
	Date	Date	Survey of W. W. #29 - Entrada Tank Site		
X-Sec. No.	Notes Chk'd.	Checked	Survey by English	Notes Ed.	Date 6-20-78
	Date	Date	Map No.	Indexed T.M. PALMER	Date AUG 1 1978

Waterwork Dist. #29.

Entrada Tank Site.

J.N. 5293.88.

Proposed Tank Site
Vertical Control
Construction B.M.s

June 20, 1978

English Terranova
Caro Almanzan
Stroud
Bradley

STATION	B. S.	H. I.	F. S.	ELEV.

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76-L-298 CE 307 8-70

F. B. 3824 Pg. 98 | 5293.88

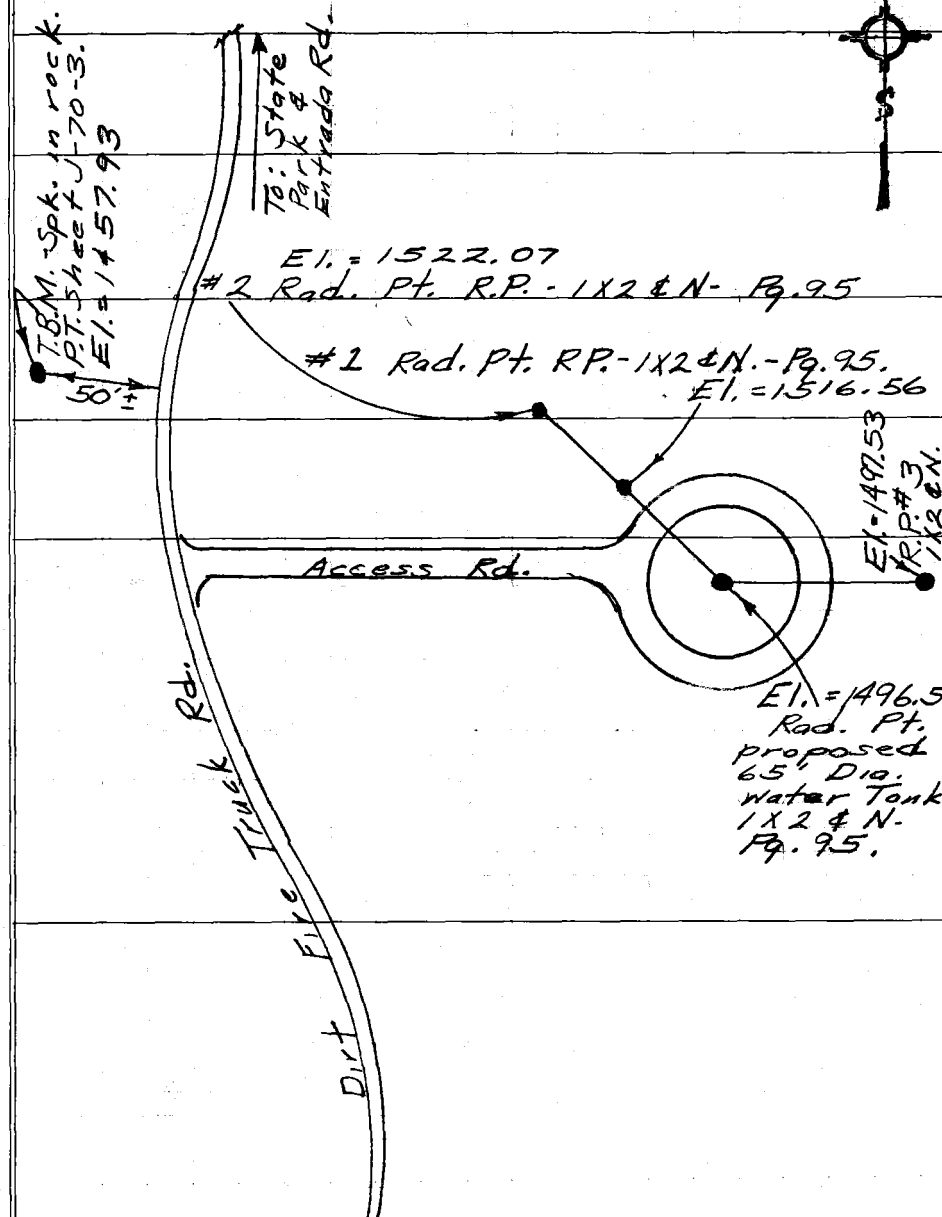
Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile

Survey of Entrada Tank Site Date ____ Date ____ No. ____

Survey by English Notes Ed. Notes Chk'd. ____ Checked ____ X-Sec.

Indexed ____ Date ____ Date ____ Date ____ No. ____

INDEX MAP



STATION	B. S.	H. I.	F. S.	ELEV.

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Do not extend notes this side of this line.

76-L-298 CE 307 8-70

Profile No.	Notes Red	Plotted	Job No. 5293.88	Division No.	F.B. 3824	PG. 99
	Date	Date	Survey of ENTRADA TANK SITE			
X-Sec. No.	Notes Chkd.	Checked	Survey by ENGLISH	Notes RJA	Date JUNE 1978	
	Date	Date	Map No.	Indexed T.M. PALMER	Date AUG 1 1978	

ENTRADA TANK SITE

VERTICAL CONTROL FOR
WATER TANK SITE.

J.N. 5293.88

See Pg. 98 for Index Map.

ELEV.	
F.S.	REF. P.T. SHT. J-10-4
H.I.	
B.S.	
STATION	

PARTY
ENGLISH
LARO
ALMANZAN
STROUD
BRADLEY

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76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
TBM				1457 93	FD SPK IN ROCK PER PT. SHEET J-70-3	
	9 67	1467 60				
			6 45	1461 15		
	11 98	1473 13				
			0 43	1472 70		
	10 47	1483 17				
			0 21	1482 96		
	11 24	1494 20				
			0 62	1493 58		
	10 74	1504 32				
			0 73	1503 59		
	2 43	1506 02				
RADIUS PT.			9 44	1496 58	CENTER TANK SITE - Pg. 95	
	2 16	1498 74				
R.P. #3			1 21	1497 53	Pg. 95	
	3 64	1501 17				
			0 54	1500 63		
	10 89	1511 52				
			1 04	1510 48		
	9 32	1519 80				
RP #1			3 24	1516 56	Pg. 95	

F.B. 3824 PG. 100

Job No. 5293.88 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of ENTRADA TANK SITE Date ____ Date ____ No. ____ X-Sec. ____

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ No. ____

Indexed ____ Date ____ Date ____ Date ____

76-L-298 CE 307 2-63

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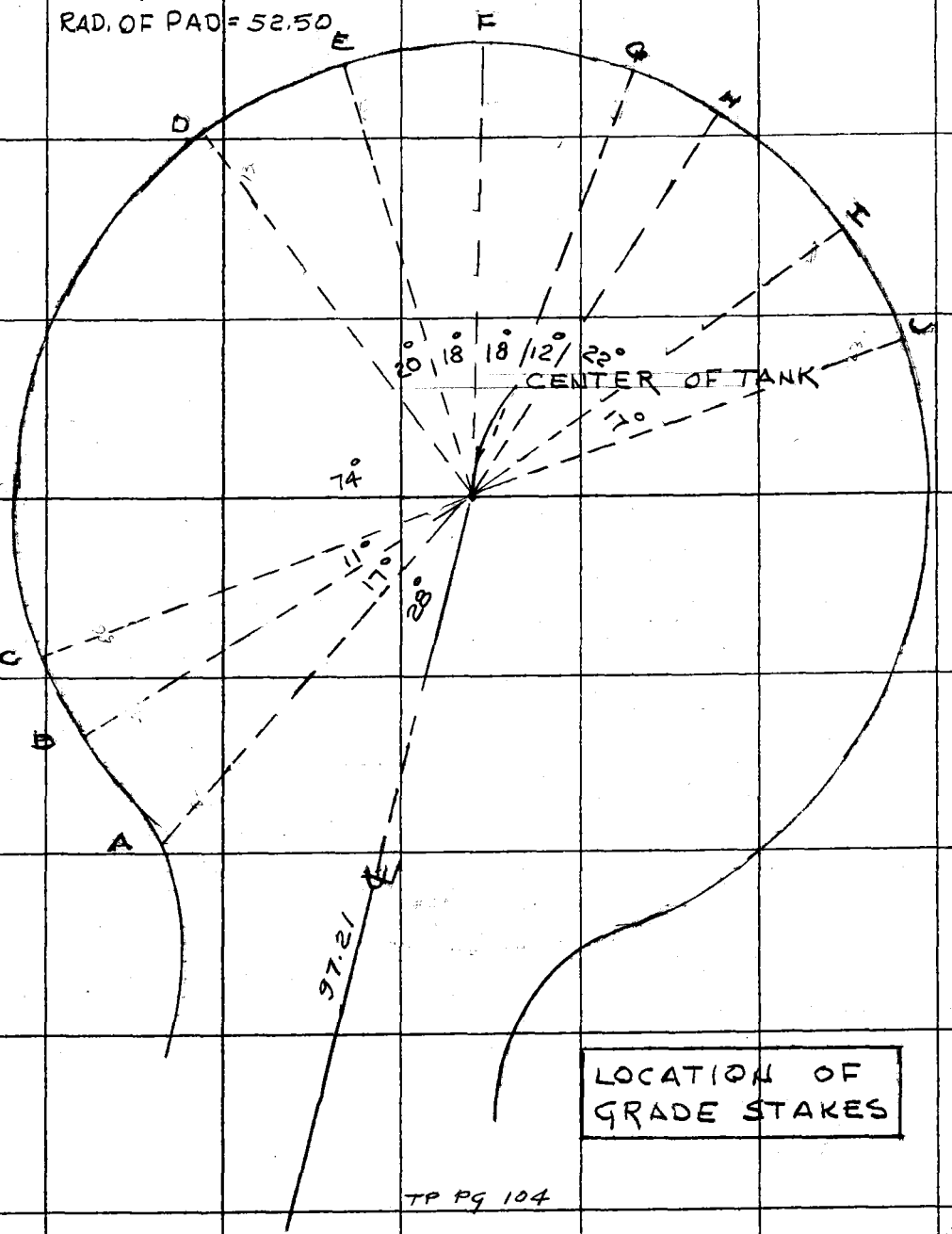
STATION	B. S.	H. I.	F. S.	ELEV.		
RP #1				1516 56		
	7 49	1524 05				
R.P. #2			1 98	1522 07	Pg. 95	
	0 35	1522 42				
			11 26	1511 16		
	0 30	1511 46				
			10 24	1501 22		
	0 75	1501 97				
			10 98	1490 99		
	0 45	1491 44				
			10 56	1480 88		
	0 30	1481 18				
			11 14	1470 04		
	0 39	1470 43				
			9 29	1461 14		
	6 26	1467 40				
TBM			9 47	1457 93	FD SPK IN ROCK	

Profile Notes Red ____ Plotted ____ Job No. 5293.88 Division No. ____
No. ____ Date ____ Date ____ Survey of ENTRADA TANK SITE
X-Sec. Notes Chkd. ____ Checked ____ Survey by ENGLISH Notes RJA Date JUNE 1978
No. ____ Date ____ Date ____ Map No. ____ Indexed T.M. PALMER Date AUG 7 1978

F.B. 3824 Pg. 101

Notes Ck'd by ____	Survey of ENTRADA TK. SITE	F. B. 3824 PG. 103
Map No. ____	JN 529388 Tape ____ Std ____ °F	
Office Work ____	Surveyed by ENGLISH, TERRANOVA	
Checked ____	Notes J.T Date 6-78	
Date ____	Indexed T.M PALMERI AUG 1 1978	

ENTRADA TANK SITE
RAD. OF PAD = 52.50



LOCATION OF GRADE STAKES

TP PG 104

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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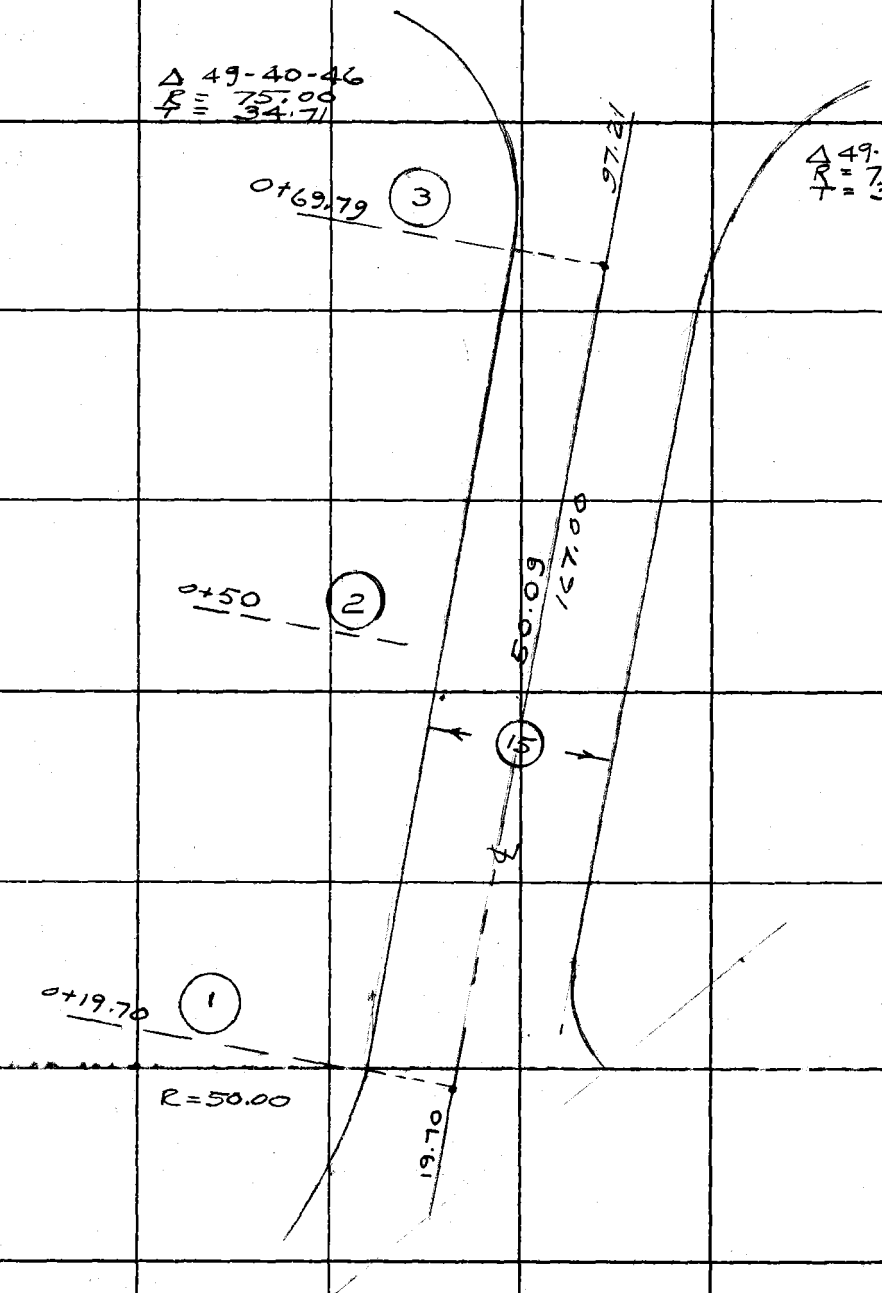
76F309S CE#310 3-69

F. B. 3824 PG. 104

BT. PG. 103



LOCATION OF GRADE STAKES

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Notes Ck'd by	Survey of ENTRADA TANK SITE F. B. 3824 PG. 105
Map No.	JN 529388 Tape — Std — °F
Office Work	Surveyed by TERRANOVA
Checked	Notes RA Date JULY 78
Date	Indexed T.M. PALMERI AUG 1 1978

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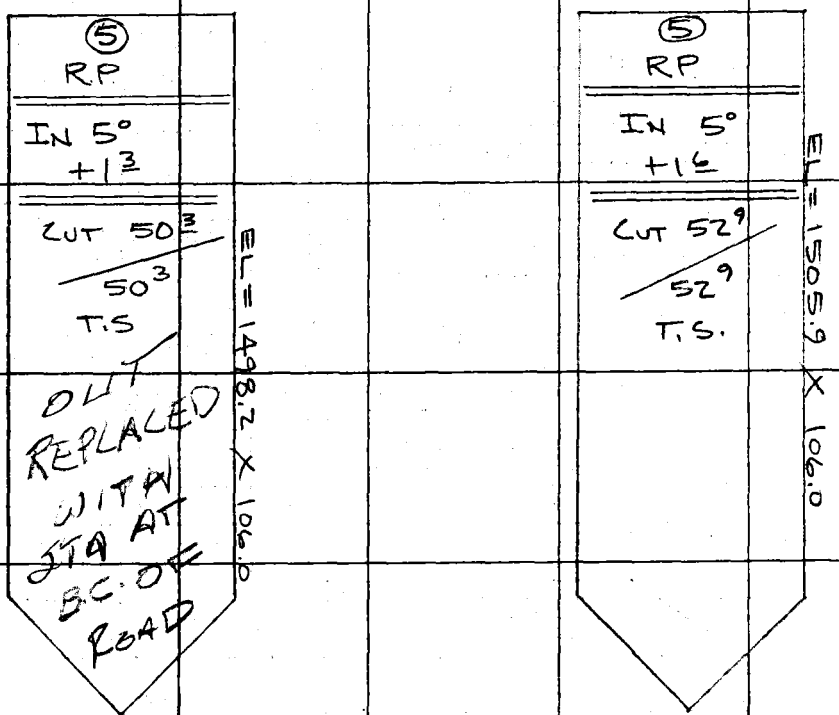
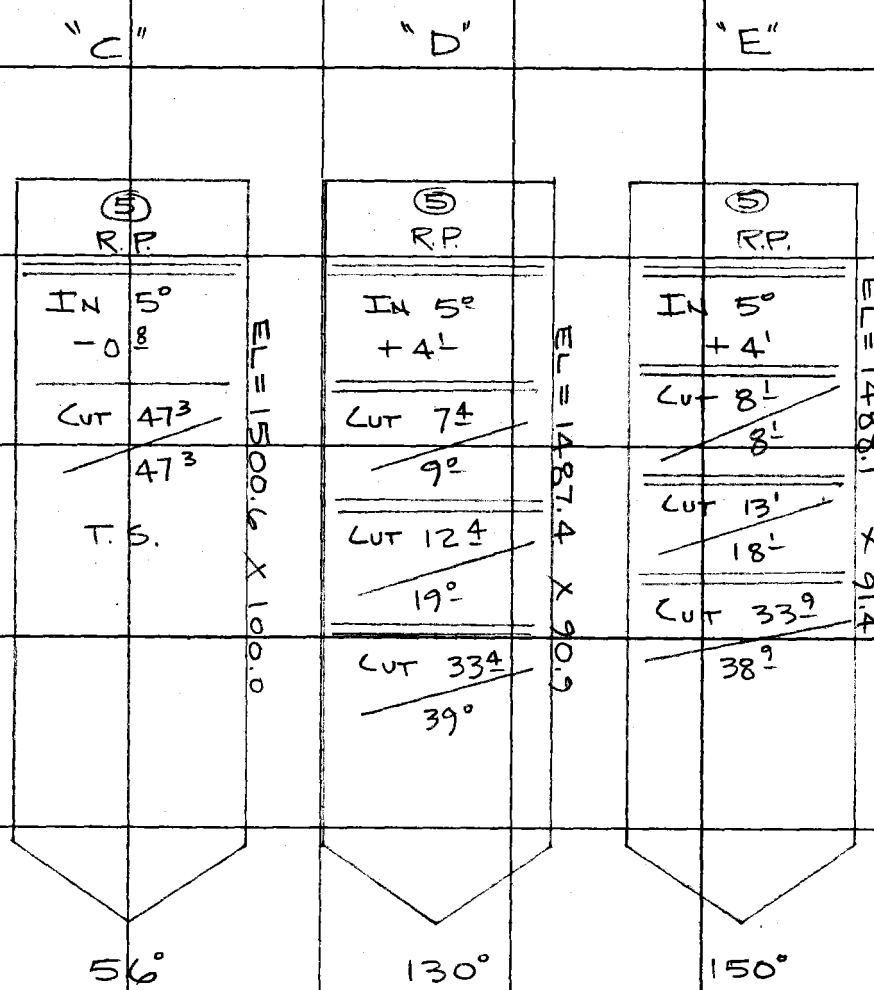


"A"
28°

"B"
45°

76F309S CE#310 3-69

F. B. 3824 PG. 106



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Notes Ck'd by	Survey of ENTRADA TANK SITE
Map No.	JN 5293.88 Tape — Std — °F
Office Work	Surveyed by TERRANOVA
Checked	Notes RA Date 6-78
Date	Indexed T.M. PALMERI AUG 1 1978

F. B. 3824 PG. 107

"F"

5

R.P.

IN 5°

+1.5

CUT 5.4

8°

CUT 10.4

18°

CUT 31.1

36.1

T.S.

EL = 1485.4 X 88.6

168°

"G"

5

R.P.

IN 5°

LEV.

CUT 7.2

15°

CUT 12.2

25°

CUT 32.7

43.5

T.S

EL = 1487.2 @ 96.0

186°

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76F309S CE#310 3-69

F. B. 3824 PG. 108

"H"

(5)
R.P.

IN 5°
LEV

CUT 6°
10°

CUT 11[2]
20°

CUT 3[7]
38[5]

T.S

EL = 1486.0 X 91.0

198°

"I"

(5)
R.P.

IN 5°
LEV.

CUT 5[4]
10°

CUT 10[4]
20°

CUT 26[4]
37[5]

T.S

EL = 1480.4 X 90.0

220°

"J"

(5)
R.P.

IN 5°
LEV.

CUT 6[7]
6[7]

CUT 11[7]
16[7]

CUT 23°
28°

T.S

EL = 1476.7 X 80.5

237°

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Notes Ck'd by	Survey of ENTRADA TANK SITE
Map No.	JN 5293.88 Tape — Std — °F
Office Work	Surveyed by TERRANOVA
Checked	Notes R.J.A. Date JUN 78
Date	Indexed AUG 1 1978

F. B. 3824 PG. 109

#1

0+19.70

5

R.P.

IN 5°

-2°

CUT 5°

9.5

CUT 28°

32.5

EDGE ROAD

EL = 1480.0 X 40.0

#2

0+50

5

R.P.

IN 5°

-0.9

CUT 54.1

54'

EDGE ROAD

CUT 54.5

69'

EDGE ROAD

CUT 51.5

72.1

CUT 49°

80°

EL = 1506.4 X 61.6

SEE PG. 104

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76F309S CE#310 3-69

F. B. 3824 PG. 110

#3

B.C.

0+69.79

5

RP

IN 5°
-0'

CUT 50'
50'

EDGE ROAD

CUT 51'
65'

EDGE ROAD

CUT 48'
68'

CUT 43'
73'

CUT 38'
78'

EL = 1503.1 X 58.1

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HEWLETT hp PACKARD

MODEL 3800A
DISTANCE METER

DATE 4-18-73
TIME 10:20
RECORDER DALE

PROJECT CITY BDY
CLIENT 0302 01

	STATION	INST. NO.	OBSERVER	H.I.	ECCENTRICITY +AHD., – BACK	ELEV.
3800A	F.12 DIVIDE		MAHER	5.22		
REFLECTOR	RESEDA E-9			4.97		

METEOROLOGICAL DATA	TEMP °F	PRESS. IN. HG	PPM CORR.
3800A	54°		
REFLECTOR			
MEAN	54	31.1	–15

SLOPE DISTANCE (FEET)

1	0	6	9	1	8	4	2

VERTICAL ANGLE

D 92-14-10	INST. H.I. 5.22
R 267-45-30	
S 359-59-40	TARG. H.I. 4.97
M 2° 14' 20"	

VISIBILITY: ☒ GOOD ☐ FAIR ☐ BAD
RETURN SIGNAL READING: 55
STABILITY: 0 25 50 75 100 – +
TYPE OF REFLECTOR: 8
REFLECTOR CONSTANT: 0
ATTENUATOR USED: ☐ YES ☒ NO
COMMENTS: COS = 99923663
HOR. DIST = 10683.682

PART NO. 9320-2000

HEWLETT hp PACKARD

MODEL 3800A
DISTANCE METER

DATE 4-18-73
TIME 12:00
RECORDER DALE

PROJECT CITY BDY
CLIENT 0302.01

	STATION	INST. NO.	OBSERVER	H.I.	ECCENTRICITY +AHD., – BACK	ELEV.
3800A	TOPANGA CYN C-3		MAHER	5.24		
REFLECTOR	F.12, DIVIDE			5.20		

METEOROLOGICAL DATA	TEMP °F	PRESS. IN. HG	PPM CORR.
3800A	76°	28.4	
REFLECTOR			
MEAN	76°	28.4	+20

SLOPE DISTANCE (FEET)

VERTICAL ANGLE

D 87-33-05	INST. H.I. 5.24
R 272-28-00	
S 360-01-05	TARG. H.I. 5.20
M 2°-27-28	

VISIBILITY: ☐ GOOD ☒ FAIR ☐ BAD
RETURN SIGNAL READING: 60
STABILITY: 0 25 50 75 100 – +
TYPE OF REFLECTOR: 8
REFLECTOR CONSTANT: 0
ATTENUATOR USED: ☐ YES ☒ NO
COMMENTS: COS = 99908009
HOR. DIST = 12116.199

PART NO. 9320-2000

HEWLETT hp PACKARD

MODEL 3800A
DISTANCE METER

DATE 3-19-73
TIME 11:45
RECORDER DALE

PROJECT CITY BDY
CLIENT 0302.01

	STATION	INST. NO.	OBSERVER	H.I.	ECCENTRICITY +AHD., – BACK	ELEV.
3800A	TUNA A5		MAHER	5.35		
REFLECTOR	T.C. C-3			5.30		

METEOROLOGICAL DATA	TEMP °F	PRESS. IN. HG	PPM CORR.
3800A	70°		
REFLECTOR			
MEAN	70°	28.2	+20

SLOPE DISTANCE (FEET)

	7	7	1	3	6	2	5

VERTICAL ANGLE

D 91-51-35"	INST. H.I. 5.35
R 268-09-15	
S 360-00-50	TARG. H.I. 5.30
M 1-51-10	

VISIBILITY: ☒ GOOD ☐ FAIR ☐ BAD
RETURN SIGNAL READING: 65
STABILITY:
TYPE OF REFLECTOR: 3
REFLECTOR CONSTANT: 0
ATTENUATOR USED: ☐ YES ☒ NO
COMMENTS: COS = 99997720
HORIZ DIST: 7709.592

PART NO. 9320-206

HEWLETT hp PACKARD

MODEL 3800A
DISTANCE METER

DATE 3-19-73
TIME 1:47 Pm
RECORDER DALE

PROJECT CITY BDY
CLIENT 0302.01

	STATION	INST. NO.	OBSERVER	H.I.	ECCENTRICITY +AHD., – BACK	ELEV.
3800A	TC-A4	1	MAHER	581		
REFLECTOR	TC-C-3			5.30		

METEOROLOGICAL DATA	TEMP °F	PRESS. IN. HG	PPM CORR.
3800A	64°	28.8	
REFLECTOR			
MEAN	64°	28.8	-15

SLOPE DISTANCE (FEET)

	5	0	3	4	7	9	6

VERTICAL ANGLE

D 85-35-05"	INST. H.I. 5.81
R 274-26-00	
S 360-01-05	TARG. H.I. 5.30
M 4-25-28	

VISIBILITY: ☒ GOOD ☐ FAIR ☐ BAD
RETURN SIGNAL READING: 65
STABILITY:
TYPE OF REFLECTOR: 2
REFLECTOR CONSTANT: 0
ATTENUATOR USED: ☐ YES ☒ NO
COMMENTS: COS = 99901993
HORIZ DIST = 5019.792

PART NO. 9320-206

HEWLETT hp PACKARD

MODEL 3800A
DISTANCE METER

DATE 4-16-93
TIME 10:45
RECORDER DALE

PROJECT CITY BDY.
CLIENT 0302.01

	STATION	INST. NO.	OBSERVER	H.I.	ECCENTRICITY +AHD., – BACK	ELEV.
3800A	TC C-3		MAHER	5.33		
REFLECTOR	TC-A4			5.44		

METEOROLOGICAL DATA	TEMP °F	PRESS. IN. HG	PPM CORR.
3800A	70°	28.6	
REFLECTOR			
MEAN	70°	28.6	+20

SLOPE DISTANCE (FEET)

	5	0	3	4	8	6	8

VERTICAL ANGLE

D 94-26-50	INST. H.I. 5.33
R 265-34-05	
S 360-00-55	TARG. H.I. 5.44
M 4-26-23	

VISIBILITY: ☐ GOOD ☒ FAIR ☐ BAD
RETURN SIGNAL READING: 75
STABILITY: 0 25 50 75 100 – +
TYPE OF REFLECTOR: 2
REFLECTOR CONSTANT: 0
ATTENUATOR USED: ☐ YES ☒ NO
COMMENTS: COS = 99699932
HORIZ DIST: 5019.759

PART NO. 9320-200

HEWLETT hp PACKARD

MODEL 3800A
DISTANCE METER

DATE 4-16-93
TIME 11:15
RECORDER DALE

PROJECT CITY BDY.
CLIENT 0302.01

	STATION	INST. NO.	OBSERVER	H.I.	ECCENTRICITY +AHD., – BACK	ELEV.
3800A	TC C-3		MAHER	5.33		
REFLECTOR	TUNA A5			5.65		

METEOROLOGICAL DATA	TEMP °F	PRESS. IN. HG	PPM CORR.
3800A	70°	28.6	
REFLECTOR			
MEAN	70	28.6	+20

SLOPE DISTANCE (FEET)

	7	7	1	3	5	1	6

VERTICAL ANGLE

D 88-10-05	INST. H.I. 5.33
R 271-51-10	
S 360-01-15	TARG. H.I. 5.65
M 1-50-33	

VISIBILITY: ☐ GOOD ☒ FAIR ☐ BAD
RETURN SIGNAL READING: 55
STABILITY: 0 25 50 75 100 – +
TYPE OF REFLECTOR: 3
REFLECTOR CONSTANT: 0
ATTENUATOR USED: ☐ YES ☒ NO
COMMENTS: COS = 99948299
HORIZ DIST: 7709.528

PART NO. 9320-200