Notes Ck'd by	Survey of
Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F. B. 2437 PG.

BOOK INDEX

L.A. CO. PRECISE LEVEL NET

	PAGE
LINE 111, DESCRIPTIONS, 1960, F.B. 2437	5 TO 74
LINE 111, 1972 RELEVELING, DIFF. IN ELEV.	75 TO 250

Microfilmed Jan '86.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this material in the
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 this side of this line.

F. B. _____ PG. _____

Notes Ck'd by
Map No.
Office Work

L. A. CO. PRECISE LEVEL NET
JN 0301.02 Tape Std °F
Surveyed by A C GUIZADO
Notes ACG Date MAR '60
Indexed A. C. Johnson 3-28-60

F. B. 2437 Pg. 5

LINE 111

L. A. CO. PRECISE LEVEL NET

ANTELOPE VALLEY
JN 0301.02

FROM PALMDALE BLVD & 10th ST W W'LY ALONG ELIZABETH LAKE RD. & PINE CANYON RD TO THREE POINTS THENCE ~~W'LY ALONG [illegible] CANYON RD TO OLD RIDGE ROUTE~~, THENCE N'LY ALONG ~~OLD RIDGE ROUTE~~ THREE POINTS RD TO LANCASTER RD (STATE Hwy #138)

BENCH MONUMENT DESCRIPTIONS

4/60 acg

GUIZADO	A.C.
GOBLE	A.L.
OHASHI	T
GLIDDEN	R.D
BICKSLER	T.A.

Note:

Street name changes

Elizabeth Lake Cn. Rd now LAKE HUGHES RD.

Elizabeth Lake Pine Canyon Road now
ELIZABETH LAKE RD east of Lake Hughes Rd
PINE CANYON RD west of " " "

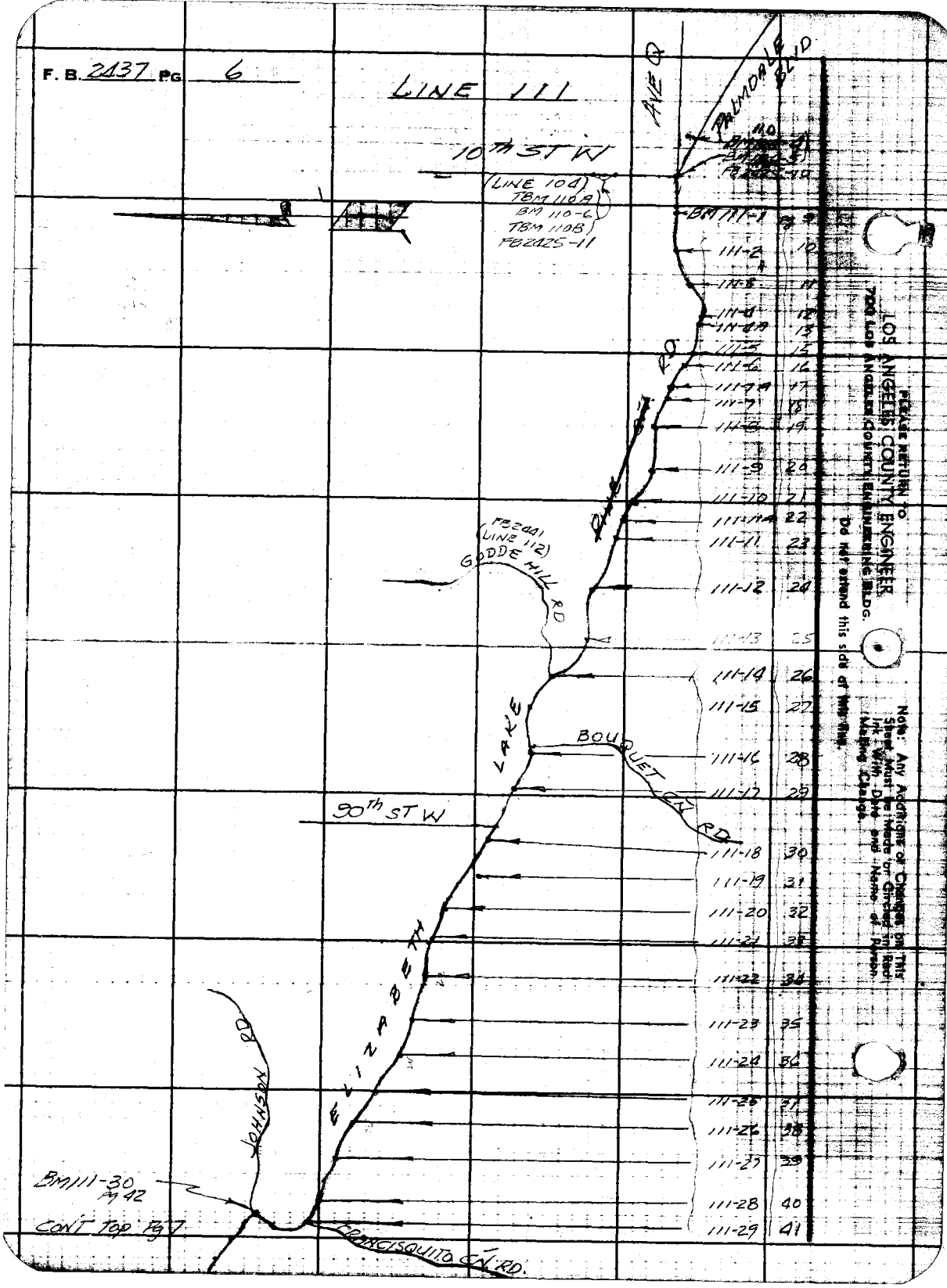
Pine Canyon Road now THREE POINTS RD north of Three Points

Oakdale Rd now PINE CANYON RD.

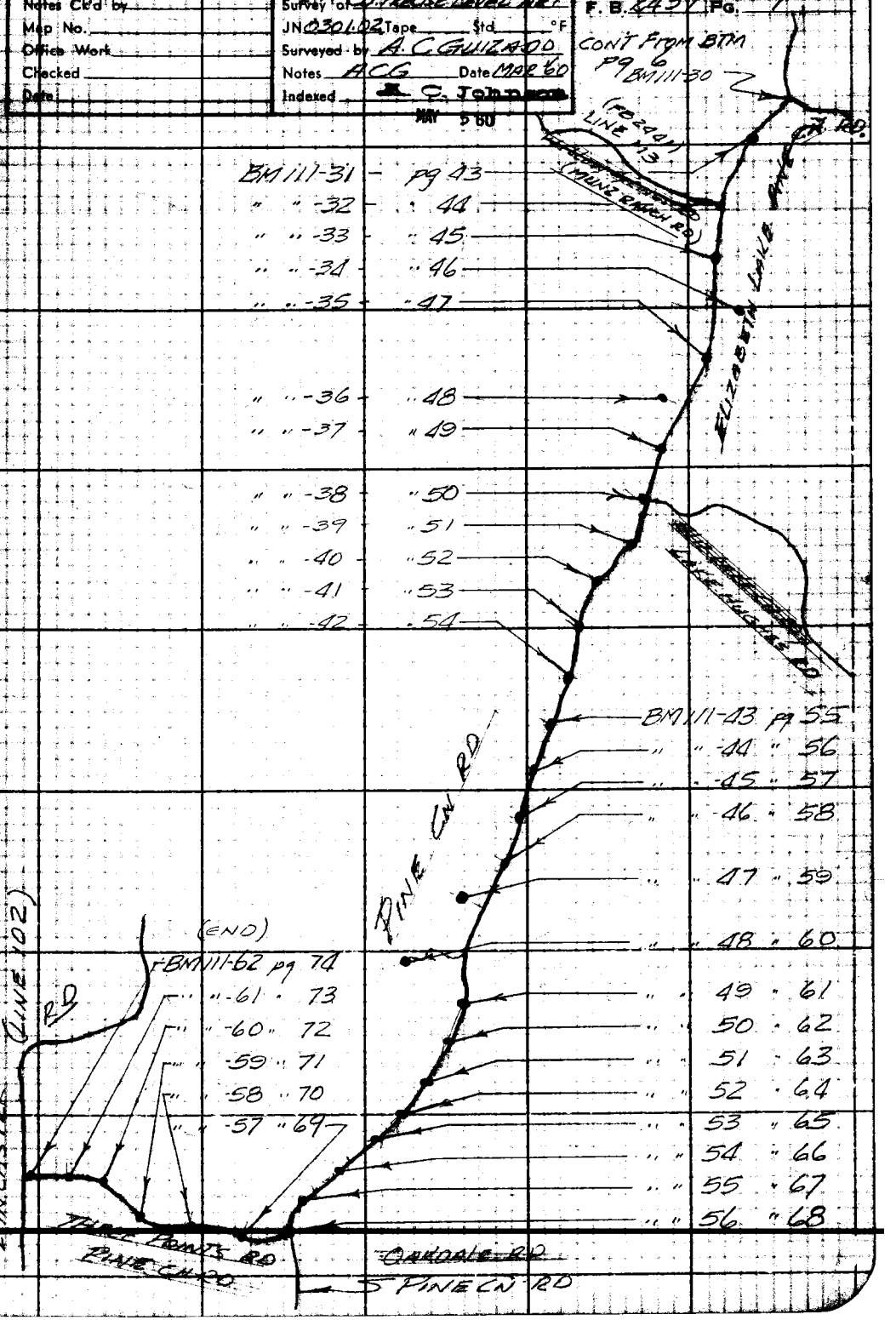
Willow Springs Rd. now MUNZ RANCH RD

F. B. 2437 PG 6

LINE 111



Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2437 Pg. 7
Map No.	JN 0301.02 Tape Std. °F	
Office Work	Surveyed by A. C. Guizado	
Checked	Notes ACG Date Mar '60	
Date	Indexed A. C. Johnson	
	MAY 5 60	



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 this side of this line.

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

F. B. 2437 PG 8

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 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	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 12-11-59
Date	Indexed A. C. Johnson

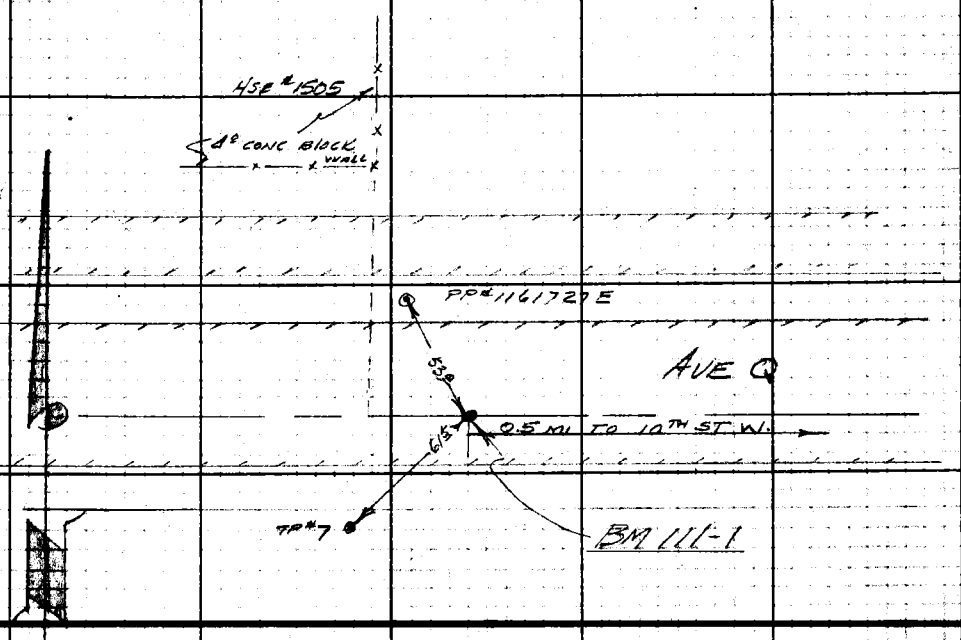
F.B. 2437 Pg. 9

BM 111-1

W. OF PALMDALE ON AVE Q, 0.5 MI W. OF 10TH ST W; 53° S'ly FROM PP# 1161727E & 61 S FROM TP#7, A STD 2 1/4" PRECAST MON. STAMPED

20 INCHES BELOW THE SURFACE UNDER A CAST IRON COVER

COUNTY ENGINEER
T6N
R12W
21
28
1/4 CORR
R.E. 5869



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.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

7673095 CE #247—3-57

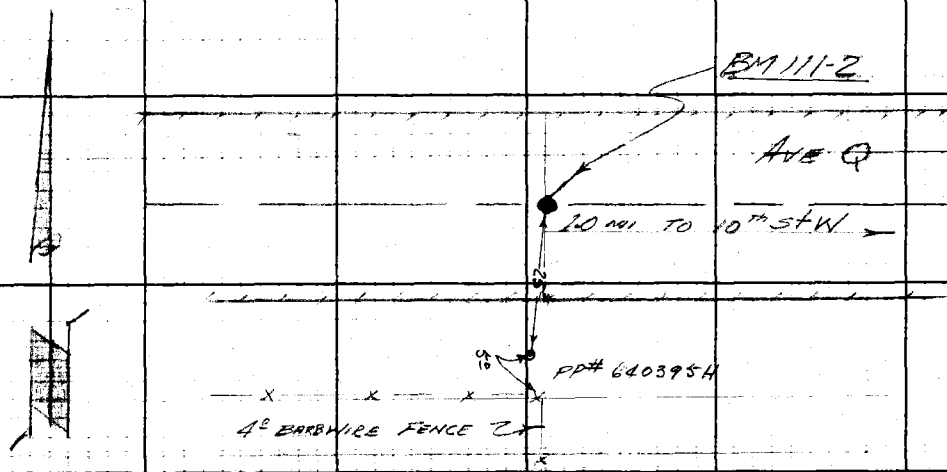
F. B. 2031 Pg. 10

BM 111-2

W. OF PALMDALE ON AVE Q & 20th St W,
S. SIDE OF STREET, 25± N OF PP# 640395 H & ON
PROD OF E SIDE OF 4° BARB WIRE FENCE,
A STD 2 1/4" PRECAST MON STAMPED

20 INCHES BELOW SURFACE UNDER
A CAST IRON COVER.

COUNTY ENGINEER
SURVEYOR
T6N
R12W
30 21
29 28
MON
R.E. 5869



RETURN TO
LOS ANGELES COUNTY ENGINEER
1000 LOS ANGELES COUNTY ENGINEERING BLDG.

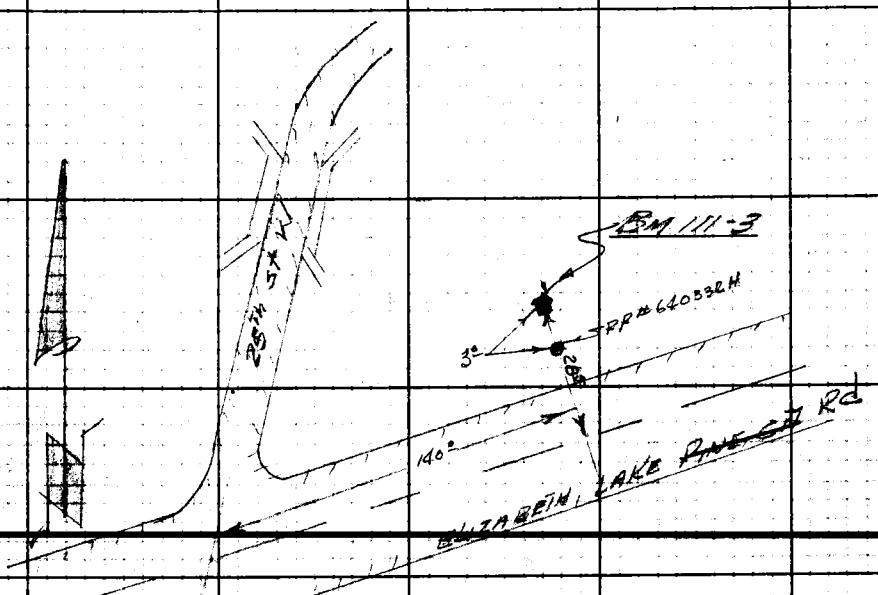
Do not extend notes this side of this line.

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	Survey of L.A. CO. PRECISE LEVEL NET F. B. 2437 Pg. 11
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 12-11-59
Date	Indexed A. C. Johnson

WP BM 111-3

ELIZABETH LAKE ~~PINE CANYON~~ ROAD & 25th ST. W. N.E. COR 140° FT E ALONG ELIZABETH ~~LAKE PINE CA~~ RD. FROM 25th ST. W; 28.5 N OF ELIZABETH LAKE ~~PINE CA~~ RD & 3° N OF PP #640332H; A STD CO ENGR BM BRASS CAP MKD. "BM 111-3 1959 RE 5869" IN TOP OF A 12" CONC POST UP 6" & 2° S OF A WHITE WITNESS POST.



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.

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

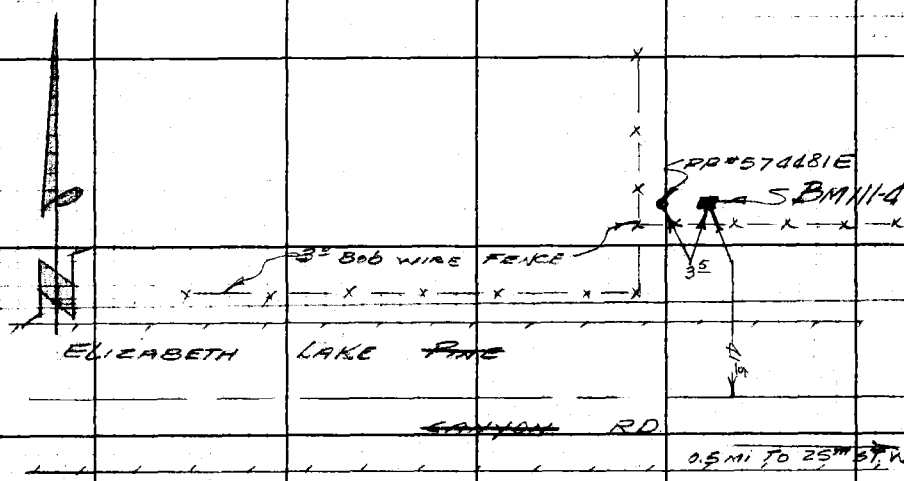
7603095 CE #247—3-57

F. B. 2437 PG. 12

0.5 E of 25th St W

BM 1N-4

4½ MILES W OF PALMDALE ON ELIZABETH LAKE ~~PINE CN~~ RD; N. SIDE 41± N OF CENTER OF STREET & 32± E. OF PP #574481E, A STD CO. ENGR BRASS CAP MK'd. "BM1N-4 1958 RE 5869" IN TOP OF A 12" CONC post up 6".



RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

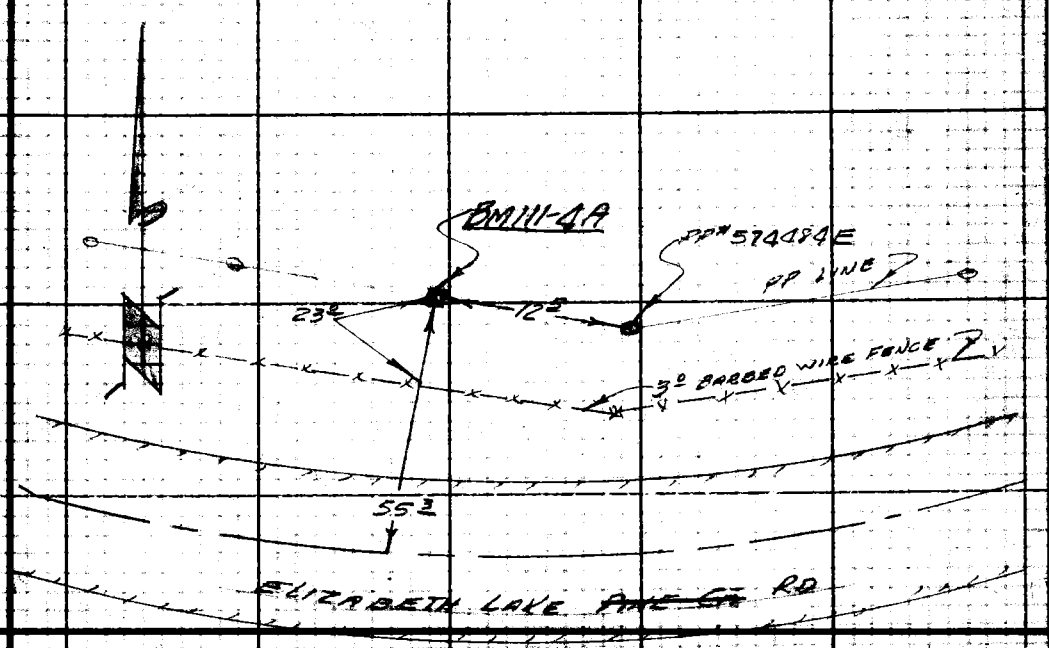
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of	L. A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F	F. B. 2437 Pg. 13
Office Work	Surveyed by A. C. GUIZADO	
Checked	Notes ACG Date 2/10/60	
Date	Indexed A. C. Johnson	

BM 111-4A (US 1407) USGS K-11-1929

4½ MI. W. OF PALMDALE ON ELIZABETH LAKE ~~Pine Cr~~ Rd. N. SIDE; 55³ N. OF CTR. OF RD. & 72⁵ W. OF PP# 574484E & OF 8 Rt in PP Line, Fd A 3½" USGS BRONZE TABLET IN A 6" CONC. POST MK'd "K-11-1929"

REF: U.S. GOV'T CARDS. FB 1830 pg 19



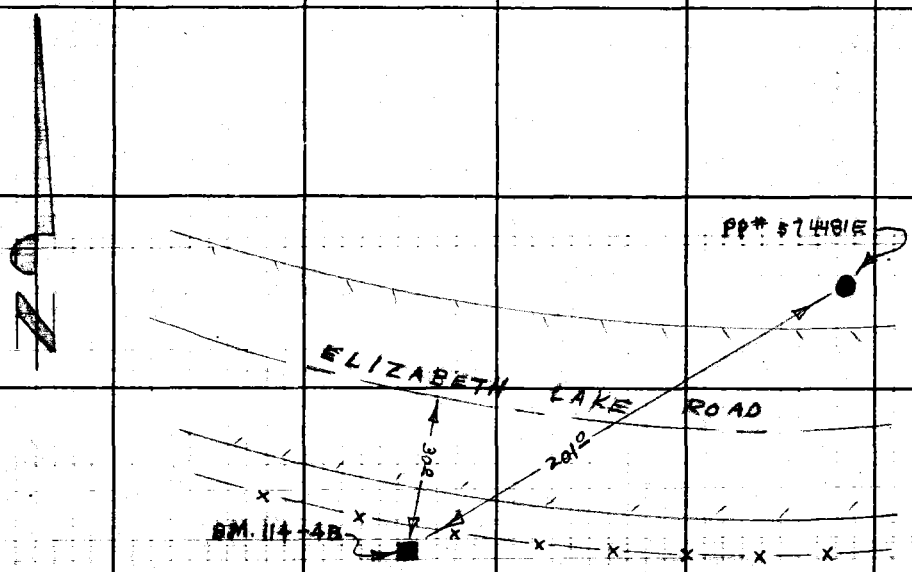
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

F.B. 2437 Pg. 14

BM 111-4B

4.0 MILES W OF PALMDALE ON ELIZABETH LAKE ROAD, SO. SIDE, 30.0 SO. OF CENTERLINE OF STREET & 201.0 S,W'LY OF P.P. # 574481E, A STD. COUNTY SURVEYOR BRASS CAP MONUMENT STAMPED "B.M. NO.7", FLUSH WITH SURFACE

F.B. 1834-18



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

Do not extend this side of this line.

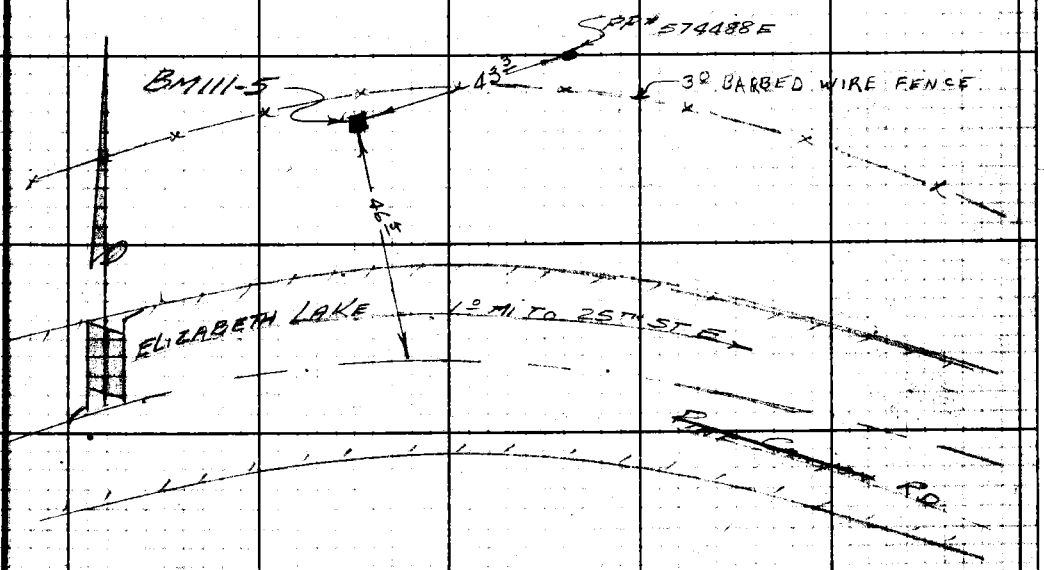
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of	F.B. 2437 Pg. 15
Map No.	JN 030102 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 12-11-59	
Date	Indexed A. C. Johnson	

L. A. CO. PRECISE LEVEL NET

BM 111-5

4.5 MILES W. OF PALMDALE ON ELIZABETH LAKE ~~PINE CT~~ RD. N. SIDE 46.5 N OF CTR. OF ROAD & 43.3 W. OF PP# 574488E, A STD CO. ENG'R BRASS CAP MK'D "BM111-5 1958 RE 5869" IN TOP OF A 12" CONC POST UP 6"



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.

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

7673098 CE #247—3-57

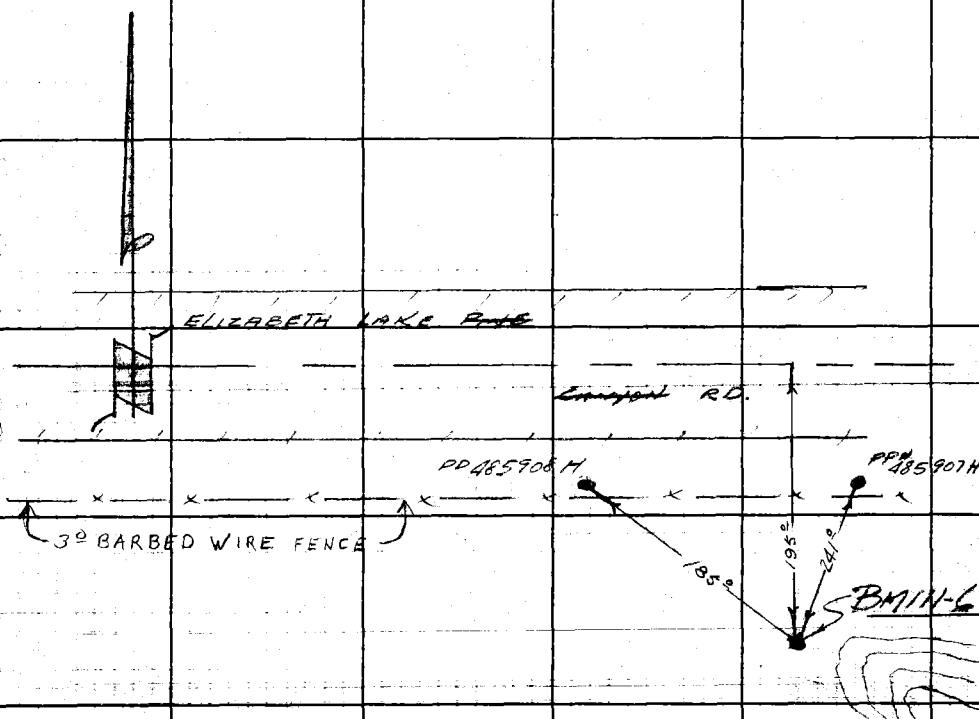
F. B. 2437 Pg. 16

BM 111-6 (USBM 436)

4 1/2 MI W. OF PALMDALE; 1 3/4 MI W'LY OF 25TH ST W; 195'± S. OF CENTER OF ELIZABETH LAKE ~~Pine Cir~~ RD. Fd A 3" IP w/3 1/2 BRONZE TABLET MK'd "USGS BM EL 2831" UP ABOUT 18"

REF U.S. GOV'T CARDS SHT #16

FB 1834 pg 20



RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes 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.

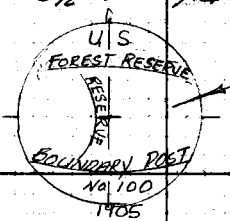
Notes Ck'd by	Survey of: L.A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG & ALG Date 12-15-59
Date	Indexed A. C. Johnson

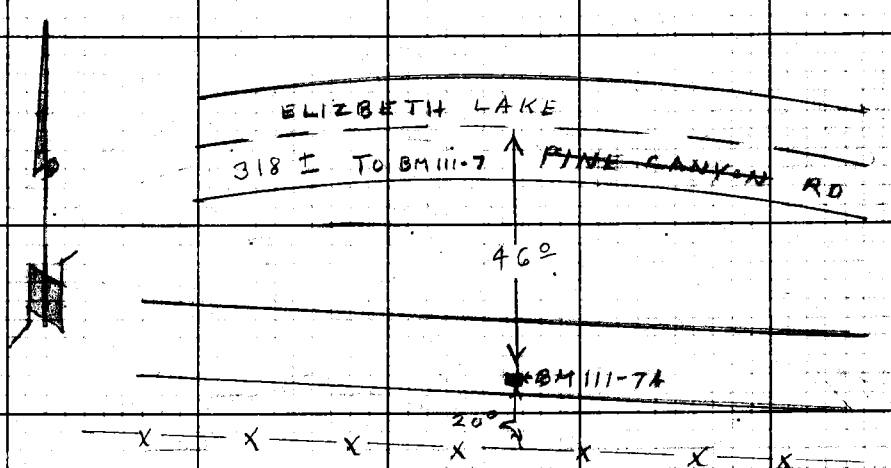
F.B. 2437 Pg. 17

BM 111-7A (U.S. BM 1404)

5± MI W. OF PALMADALE, 1± W. OF 25th ST W.
46° S. OF CENTER OF ELIZABETH LAKE ~~PINE CA~~ RD & 318'± E. OF BM 111-7; FD A
3½'± P w/4" BRONZE CAP MK'd IN BTM. OF CREEK

REF: U.S. GOV'T CARD SHT #16





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.

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

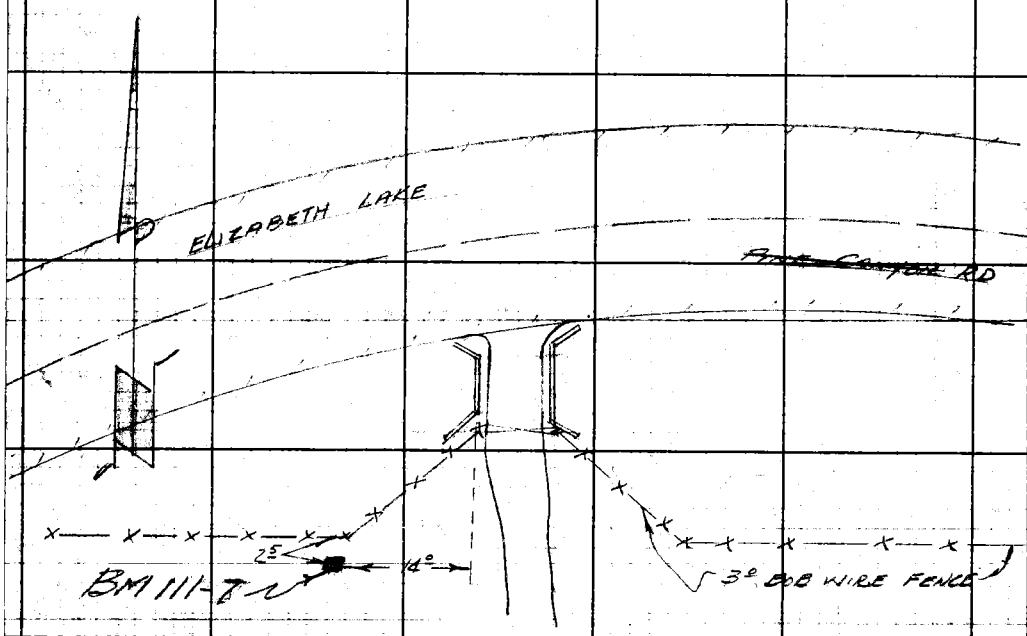
76-3098 CE #247—3-57

F. B. 2427 PG. 18

BM 111-7

5± MI W. OF PALMDALE, S. OF ELIZABETH LAKE ~~PINE CN~~ RD. APPROX 1½ MI W. OF 25TH ST W; 2± S. OF BARBED WIRE FENCE & 14° W. OF W. CONC HD WALL LINE PRODUCED S. SET A STD CO. ENGR BM BRASS CAP MK'd "BM 111-7 1959 RE5869" ON TOP OF A 12" CONC POST UP 6" & 2° N OF A WHITE WITNESS POST.

FOUND DESTROYED - HORIZONAL IN BOTTOM OF WASH 8-28-72, G.E. DREIER
SEE F.B. 3723-28 FOR B.M. 111-78



RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

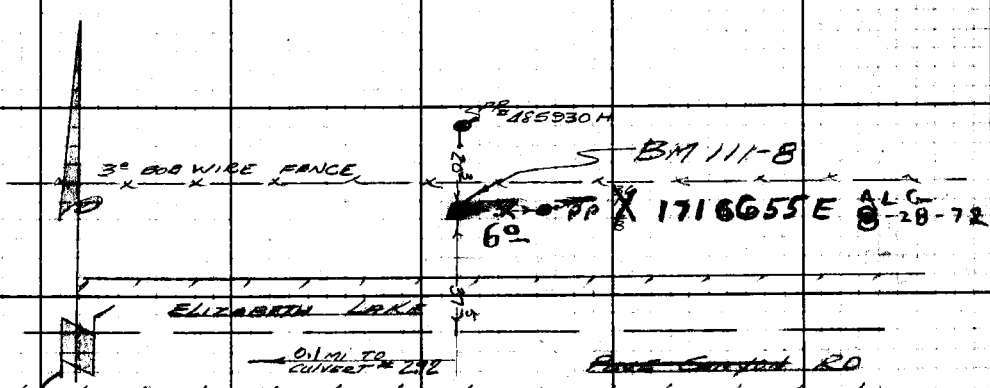
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Surveyor C.A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std. °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 1/5/60
Date	Indexed K. C. Johnson

F.B. 2437 Pg. 19

BM 111-8

5⁶ W. OF PALMDALE; 2² W. OF 25th St W. ON ELIZABETH LAKE ~~PINE CT~~ Rd. 37⁵ N. OF CENTER OF ROAD; 6⁰ W OF P.P. 1716655 E ~~[illegible]~~ & 20³ S. OF PP# 485930H; SET A STD CO. ENGR BM BRASS CAP MON MK'D "BM 111-8 1959 RE5869" ON TOP OF A 12" CONC. POST ~~up 6~~" FLUSH



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.

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

76-3098 CE #247—3-57

F. B. 2437 Pg. 20

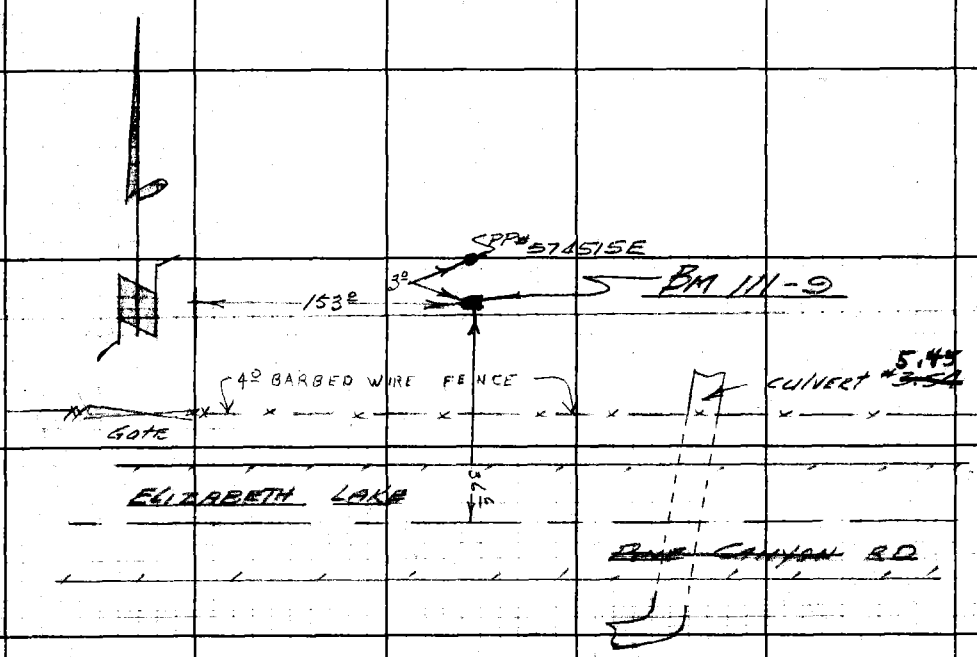
BM 111-9

6± W. OF PALMDALE, 2± E. OF GOODE HILL RD ON ELIZABETH LAKE ~~PINE CN~~ Rd, 36± N. OF CENTER OF RD, 153± E. OF E. SIDE OF GATE & 3± S. OF PP# 574515E, SET A STD CO. ENGR BM BRASS CAP MK'd "BM 111-9 1959 RE 5869" ON TOP OF A 12" CONC POST UP 6"

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

Do not extend notes 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.

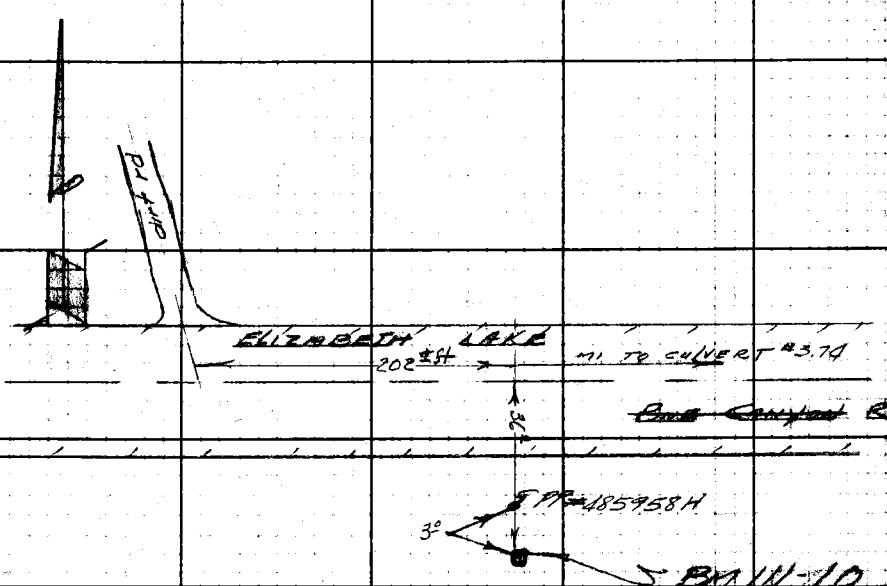


Notes Ck'd by	Survey of C.A. CO PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 1/5/60
Date	Indexed C. Johnson

F.B. 2437 Pg. 21

BM 111-10

ANTELOPE VALLEY - 6.7 MI W. OF PALMDALE ELIZABETH LAKE ~~PINE CN~~ RD., 36° S. OF CTR OF RD., & 3° S. OF PP# 485958 H., 202 ft ± E OF DIRT RD. SET A STD CO ENGR BM BRASS CAP MON MK'D "BM 111-10 1959 RE 5869" IN A 12" CONC. POST UP 6" & 2° N OF A WHITE WITNESS POST



Notes: 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.

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

7673095 CE #247—3-57

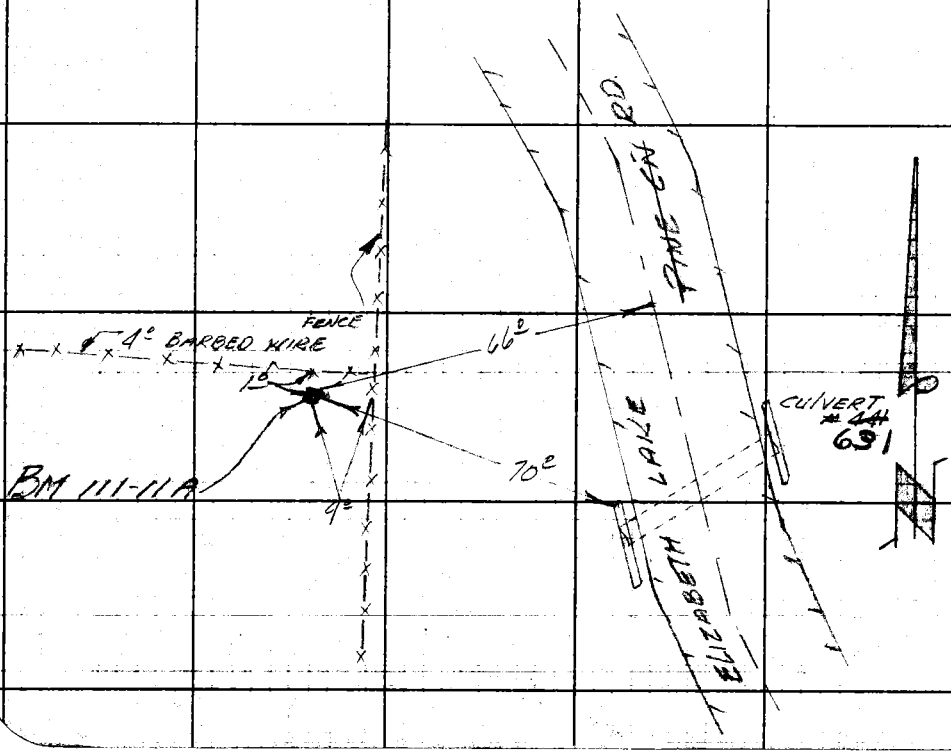
F. B. 2437 Pg. 22

BM 111-11A (US 14011) K-10-1929

ANTELOPE VALLEY — 7 mi. W. OF PALMDALE ON ELIZABETH LAKE ~~PINE CN~~ RD., 66° W OF CTR. OF RD, 70° NW OF N. END OF W CULVERT WALL ~~#44~~ 631, 1° S OF E-W FENCE & 9° W OF N-S FENCE FD AN 8"x8" CONC. post WITH A 3½" BRONZE TABLET MK'D "K-10-1929" UP 6"

REF: U.S. GOV'T CARD SHT #16

RESET per FB 831-114



RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

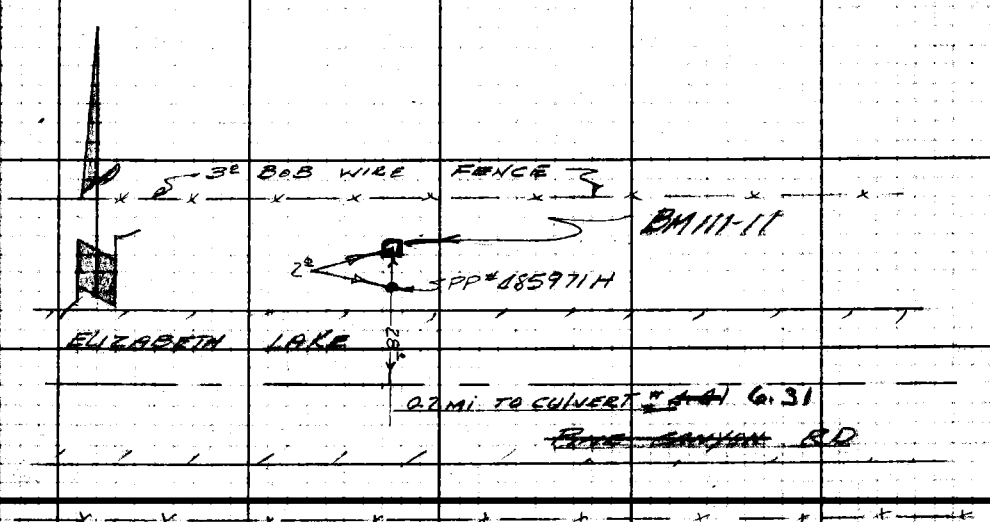
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of	F.B. 2437 Pg. 23
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG & TAB Date 1/5/60	
Date	Indexed A. C. Johnson	

LA CO. PRECISE LEVEL NET

BM 111-11

ANTELOPE VALLEY - 7.2 MI W. OF PALMDALE, ON ELIZABETH LAKE ~~PINE CA~~ RD N. SIDE, 28° N OF CTR OF RD., 2° N. OF PP# 485971H & 0.2 MI W. OF CULV. # ~~6.31~~ 6.31 — SET A STD CO. ENGR BM BRASS CAP MON MKD "BM 111-11 1959 KE5869" IN A 12" CONC. POST UP 6"



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.

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

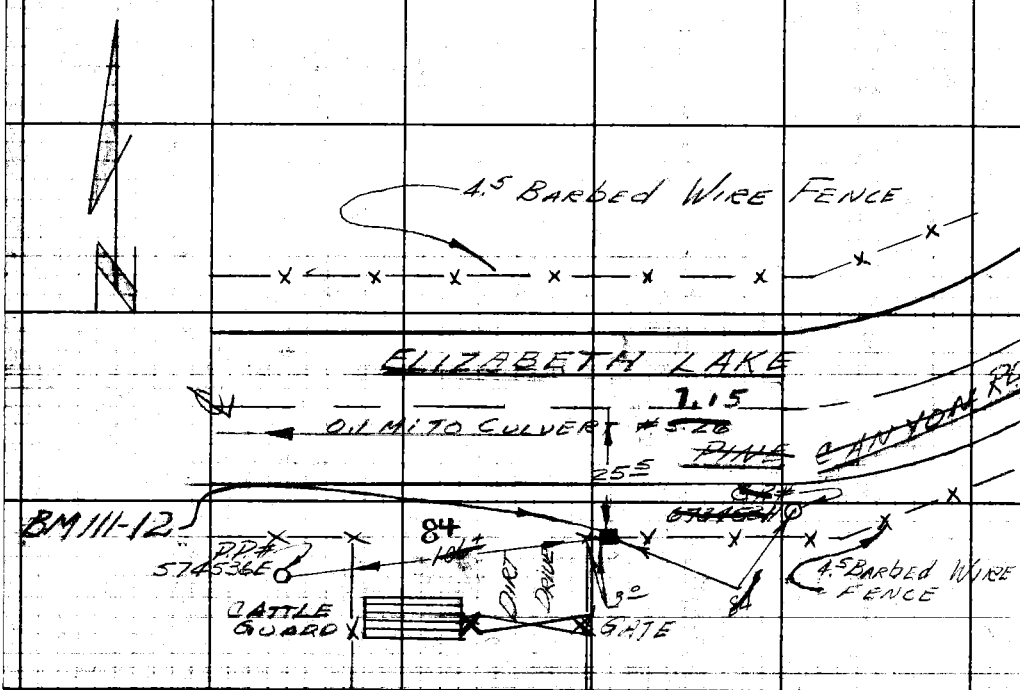
7673095 CE #247—3-57

F.B. 2431 PG. 24

BM 111-12

ANTELOPE VALLEY — 7.7 MI W. OF PALMDALE — 1.7 MI E. OF LEONA SCHOOL ON ELIZABETH LAKE ~~PINE CN~~ RD., S. SIDE, 0.1 MI E OF CULVERT # ~~5.26~~ 7.15

25.5 S. OF CTR. OF RD, 3° E. FROM E. CORNER OF FENCE, ~~106~~ 84 ft ± E. OF PP# 574536E & ~~84.5 W. OF PP# 673453H~~ — SET A STD CO. ENGR BM BRASS CAP MON. MK'D "BM 111-12 1959 RE5869" IN A 12" CONC POST UP 6" & 2° S. OF A WHITE WITNESS POST



RETURN TO
LOS ANGELES COUNTY ENGINEER
900 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.

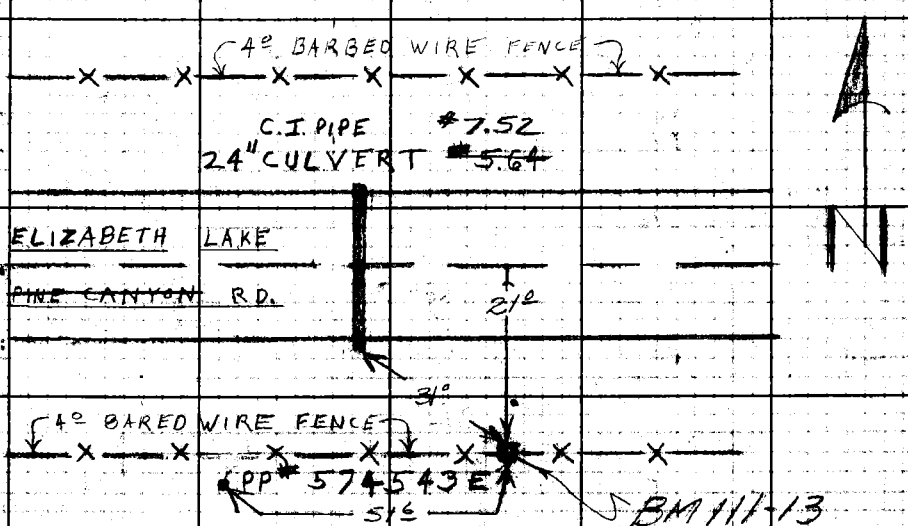
Do not extend notes this side of this line.

Notes Ck'd by	Survey of A CO PRECISE LEVEL NF
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ALG Date 1/5/60
Date	Indexed A. C. Johnson

F.B 2437 Pg. 25

BM 111-13

ANTELOPE VALLEY — 8.2 MI W. OF PALMDALE, 1.2 MI E. OF LEONA SCHOOL (BOUQUET CN RD), ON ELIZABETH LAKE ~~PINE CN~~ RD, 21° S. OF CTR OF RD. & 51° E. OF PP# 574543 E, 31° SE OF S. END OF CTR. OF CULVERT # ~~5.64~~ 7.52 — SET A STD CO. ENGR BM BRASS CAP MON MK'D" BM111-13 1959 RE 5869" IN A 12" CONC. post up 6"



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.

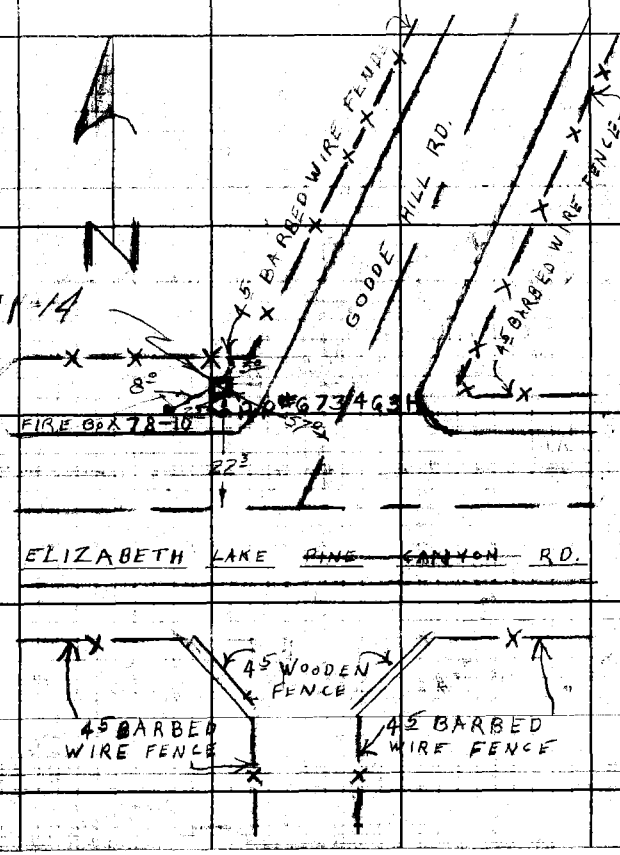
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

7673098 CE #247—3-57

F. B. 2037 PG. 26

BM 111-14

ANTELOPE VALLEY — 8.7 MI. W. OF PALMDALE
ELIZABETH LAKE ~~PINE CN~~ RD & GODDE
HILL RD — NW COR., 57° NW'LY FROM CTR. OF
GODDE HILL RD & 22³ N OF CTR. OF ELIZ. LAKE
PINE CN RD & 2³ N OF PP# 673463H — SET A
STD CO ENGR BM BRASS CAP MON MK'D "BM
111-14 1959 RE 5869" IN A 12" CONC POST
UP 6"



RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

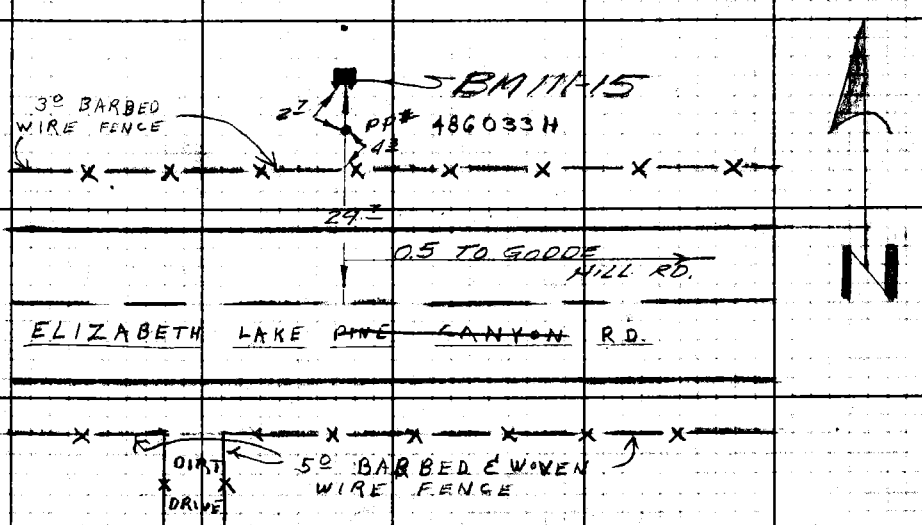
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. CO PRECISE LEVEL NE
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ALS Date 1/5/60
Date	Indexed ~~A. C. Johnson~~ 5-5-60

F. B. 2437 Pg. 27

BM III-15

ANTELOPE VALLEY – 9.1 MI W. OF PALMDALE & 0.2 MI E. OF LEONA SCHOOL (BOUQUET CA RD) ON ELIZABETH LAKE ~~PINE CA~~ RD, N SIDE, 29± N. OF CTR OF ROAD, 2± N. OF PP# 486033H & E. OF DIRT RD TO HSE # SET A STD CO. ENGR BM BRASS CAP MON MK'D "BM III-15 1959 RE5869" IN A 12" CONC. POST UP 6"



Notes: 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.

RETURN TO
LOS ANGELES COUNTY ENGINEER
1700 Los Angeles County Engineering Bldg.

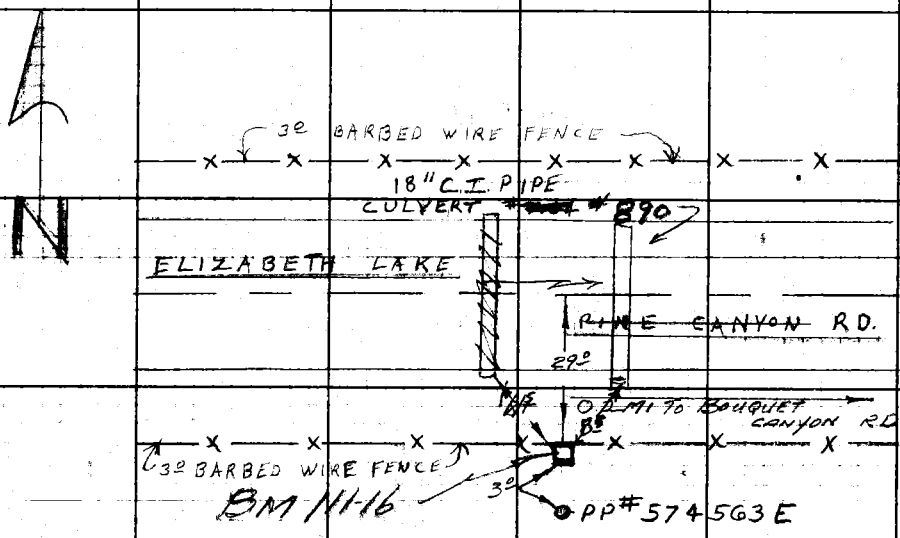
7873095 CE #247—3-57

F. B. 2437 PG. 28 95 Palmdale
12 Leona School

BM 111-16

ANTELOPE VALLEY – 9.5 MI. W OF PALMDALE
0.2 MI. W. OF LEONA SCHOOL (BOUQUET CA) ON
ELIZABETH LAKE ~~PINE CT~~ RD, S. SIDE,
29° S. OF CTR. OF RD, 3° N. OF PP #574563E &
8± ~~S~~ W FROM S. SIDE OF CULVERT etc *8.90 ~~7.00~~ – SET
A STD CO. ENGR BM BRASS CAP MON MKD
"BM 111-16 1959 RE 5869" IN A 12" CONC POST
UP 6"

Note Mark is southwesterly of south side of the culvert. G.E.R. 11/17/69



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

Do not extend notes 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.

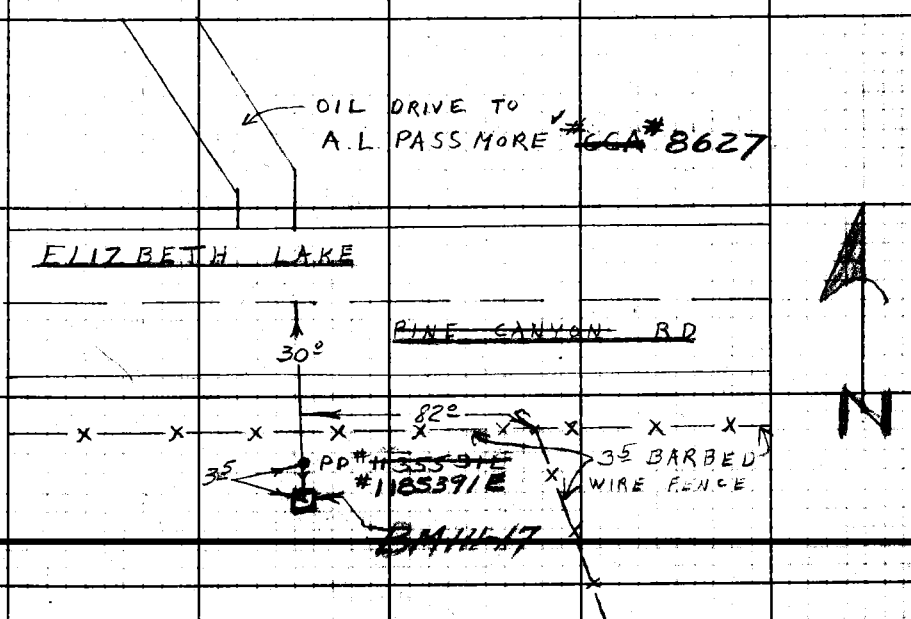
Notes Ck'd by	Survey of A. CO. PRECISE LEVEL NET	F.B. 2837 Pg. 29
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A C GUIZADO	
Checked	Notes A.L.G. Date 1/5/60	
Date	Indexed A. C. Johnson	

0.7 Loop
10 Palmdale

BM 111-17

ANTELOPE VALLEY - 10.0 MI W. OF PALMDALE - ELIZABETH LAKE ~~PINE CN~~ RD & 0.4 MI E. OF 90th STW, S. SIDE, 30° S. OF CTR. OF ROAD & 82° W OF T-FENCE SOUTH & 3° S. OF PP# ~~[illegible]~~ 1185391E

SET A STD CO. ENGR. BM BRASS CAP MON MKD "BM111-17 1959 RE 5869" IN A 12" CONC POST UP 6"



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.

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

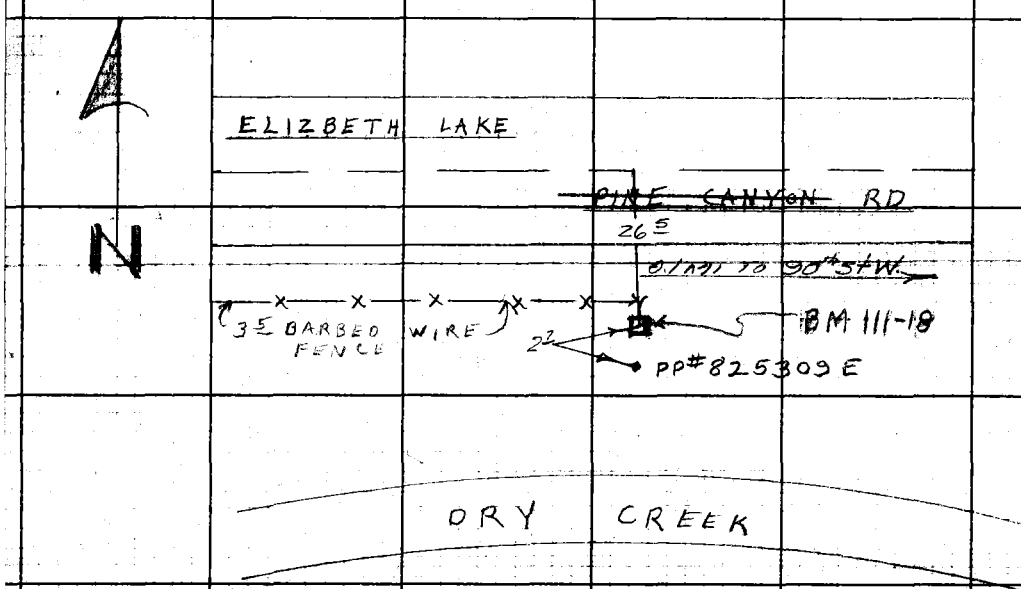
7613095 CE #247—3-57

F. B. 2437 Pg. 30

1.2 LE
10.5 Palm

BM 111-18

ANTELOPE VALLEY - 10.5 MI W. OF PALMDALE
ELIZABETH LAKE ~~PINE CN~~ RD & 0.1 MI. W. OF
90TH ST W. ON S. SIDE, 26.5 S. OF CTR. OF Rd
at E END OF FENCE & 2.2 N. OF PP# 825309E, SET
A STD CO. ENGR. BM BRASS CAP MON MKD
"BM 111-18 1959 RE 5869" IN A 12" CONC
post up 6"



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

Do not extend notes this side of this line.

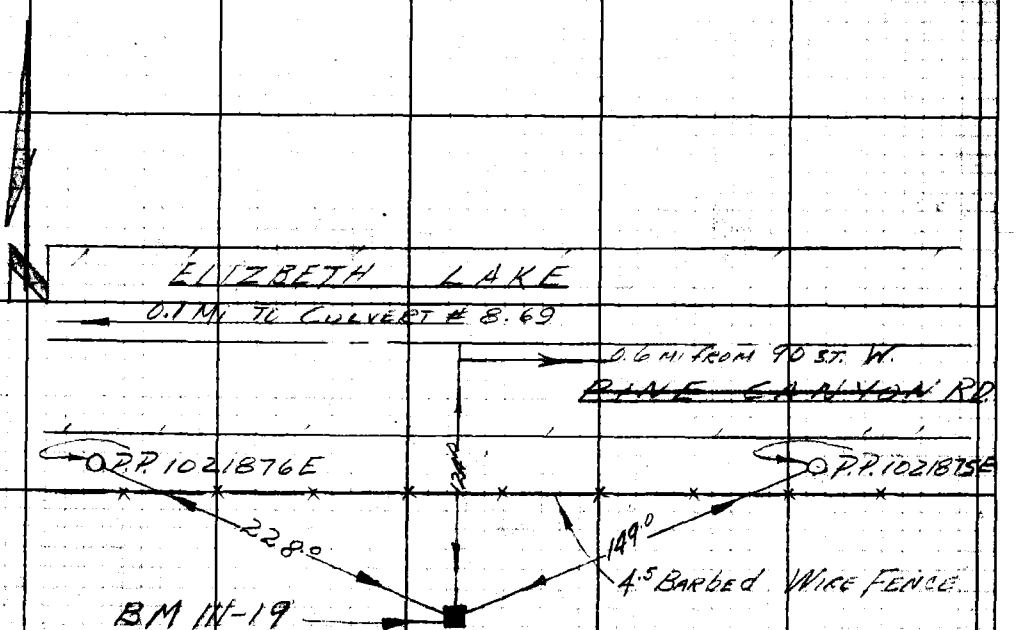
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET	F.B. 2437 Pg. 31
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes T.A.B. Date 1-26-60	
Date	Indexed A. C. Johnson	

BM 111-19 (U.S. 434 LA 3177) T.6N., R13W., SEC. 7
ANTELOPE VALLEY - 11° W. OF PALMDALE
ELIZABETH LAKE ~~PINE CN~~ Rd & 0.6 MI W. OF
LEONA VALLEY SERVICE STA (90th ST W), 124° S. OF
CTR. OF RD, 228 ft± SE'LY FROM PP# 1021876E &
149 ft± S'W'LY FROM PP# 1021875E — Fd A 3½"
IP W/BRONZE TABLET MK'D "L.A. 3177" - 2° S. OF
A WHITE WITNESS POST (U.S. GEO. SURVEY)

REF: U.S. GOV'T CARDS SHT #16
BULL. 766 p. 108

FB 1834-42



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.

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

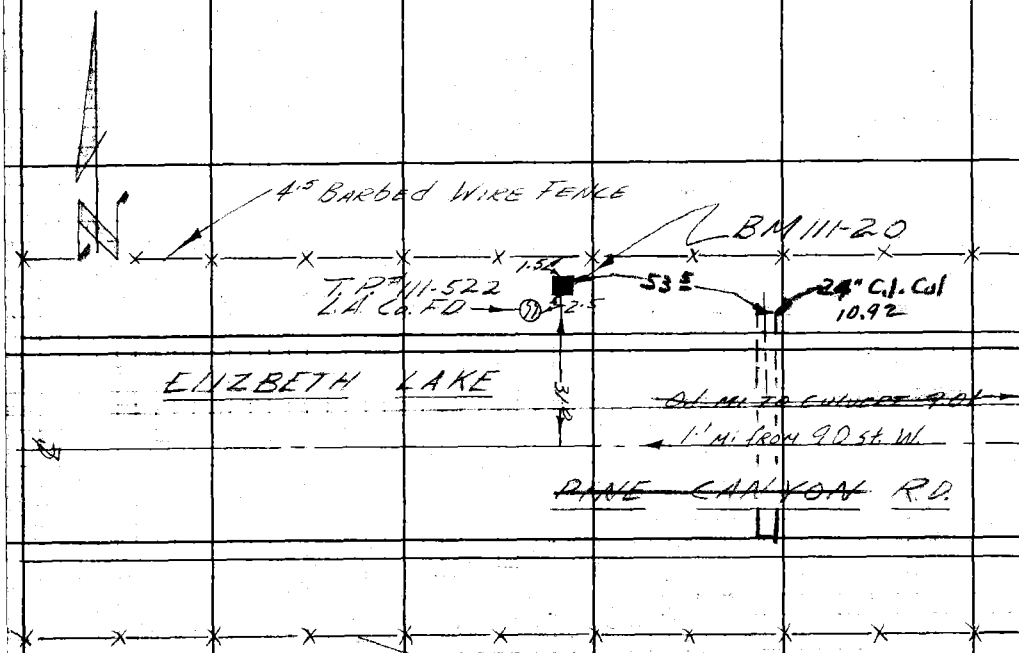
7673095 CE #247—3-57

F. B. 2437 Pg. 32

BM 111-20 1/25 data calc 2/2 [illegible]

ANTELOPE - LEONA VALLEY - 11.5 W. OF PALMDALE — ELIZABETH LAKE ~~PINE CN~~ RD & 1.1 MI W. OF 90th ST W., 31.5 N. OF CTR OF RD., 0.1 MI W. OF CULVERT #9.01, 2.5 NE OF TP #111-522 — SET A STD CO. ENGR BM BRASS CAP MON MKD "BM 111-20 1959 RE 5869" in A 12" CONC post UD 6"

New Tie: 53.5 ft N.W. of 24" C.I. Cul. 10.92



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

Do not extend notes this side of this line.

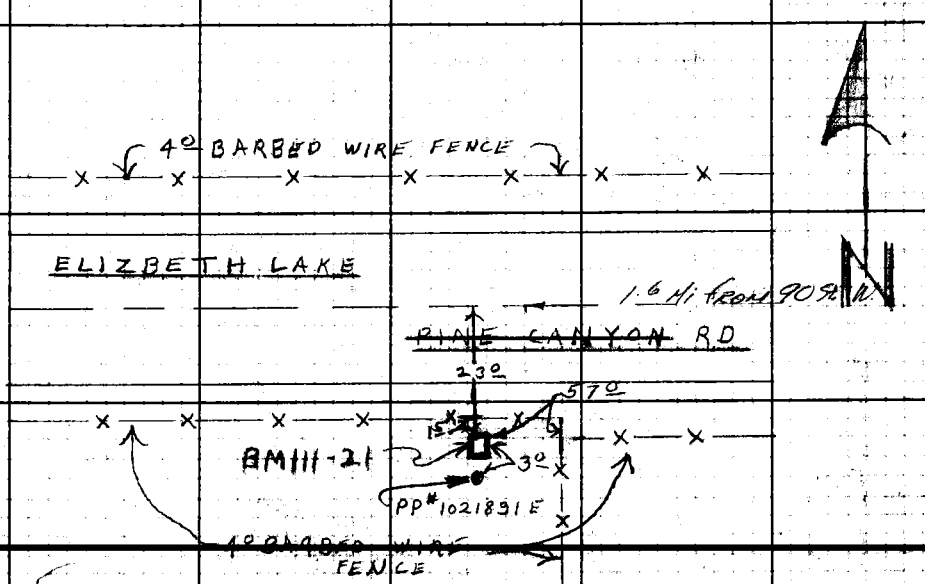
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET	F.B. 2437 Pg. 33
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes A L G & ACG Date 1-25-60	
Date	Indexed ~~A. C. Johnson~~	

MK'd '59

BM 111-21

ANTELOPE-LEONA VALLEY 12.0 W. OF PALMDALE, 1.6 MI W. OF 90th ST W. ON ELIZABETH LAKE ~~PINE CN~~ RD, S. SIDE, 23° S OF CTR. OF RD, 3° N. OF PP# 1021891E, 57° W OF N-S FENCE LINE — SET A STD CO. ENGR BM BRASS CAP MON MK'D "BM111-21 1959 RE 5869" IN A 12" CONC POST UP 6"



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.

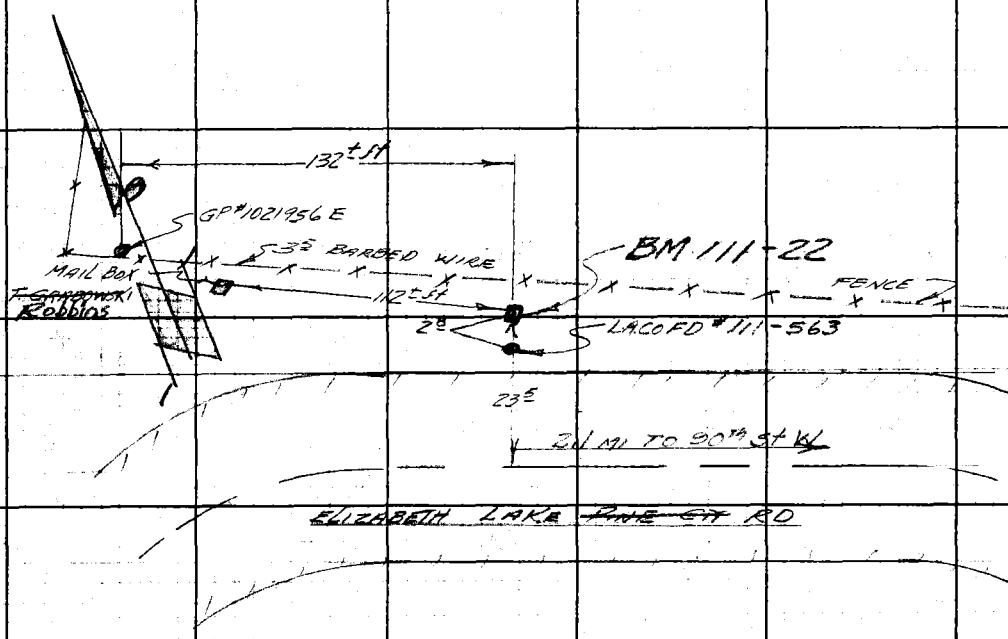
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

7613095 CE #247—3-57

F. B. 2437 Pg. 34

BM 111-22

ANTELOPE-LEONA VALLEY - 12.5 MI. W. OF PALMDALE ON ELIZABETH LAKE ~~PINE CT~~ RD, N SIDE, 23.5 N OF CTR. OF RD, 2.8 S OF TP #111-563, 132'± E OF GP #1021956E NEAR MAILBOX TO ~~T. GRABOWSKI~~ Robbins SET A STD CO ENGR BM BRASS CAP MON MK'D "BM 111-22 1960 RE5869" IN A 12" CONC POST UP 6"



RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

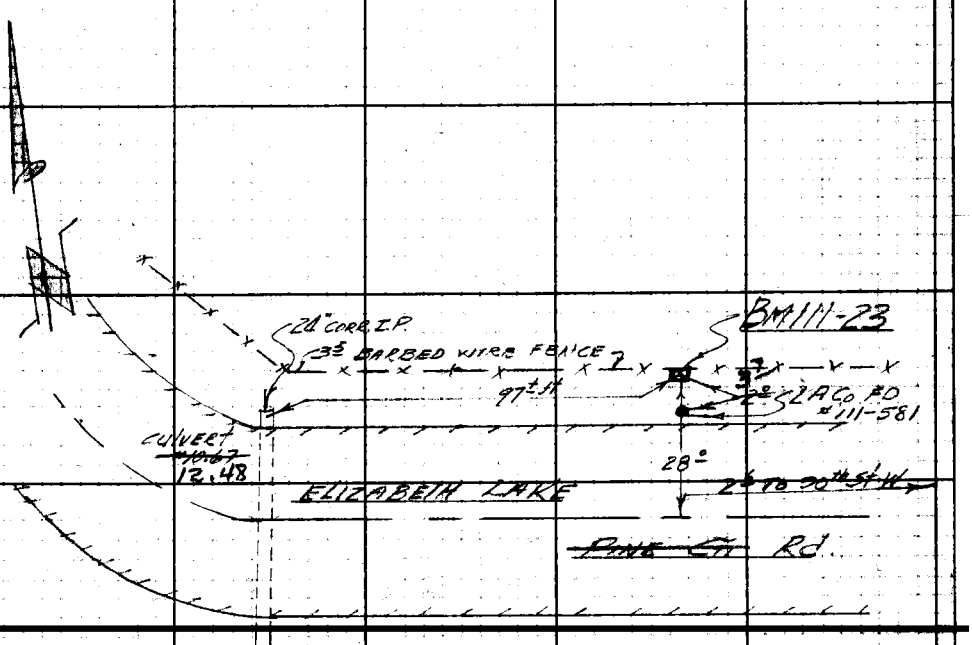
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NE
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A C GUIZADO
Checked	Notes A C G Date 2-9-60
Date	Indexed A. C. Johnson

F.B. 2437 Pg. 35

BM 111-23

ANTELOPE-LEONA VALLEY - 13.0 MI W. OF PALMDALE ON ELIZABETH LAKE ~~PINE CN~~ RD, N. SIDE, 28° N. OF CTR OF RD, ~~2° S.~~ 3.7 FT. N. OF TP #111-581, 97'± E. OF N. END OF CULVERT ~~#10.67~~ 12.48 SET A CO. ENGR BM BRASS CAP MON MK'D "BM 111-23 1960 RE5869" IN A 12" CONC. post up 6".



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.

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

7682098 CE #247—3-57

F. B. 243 / PG. 36

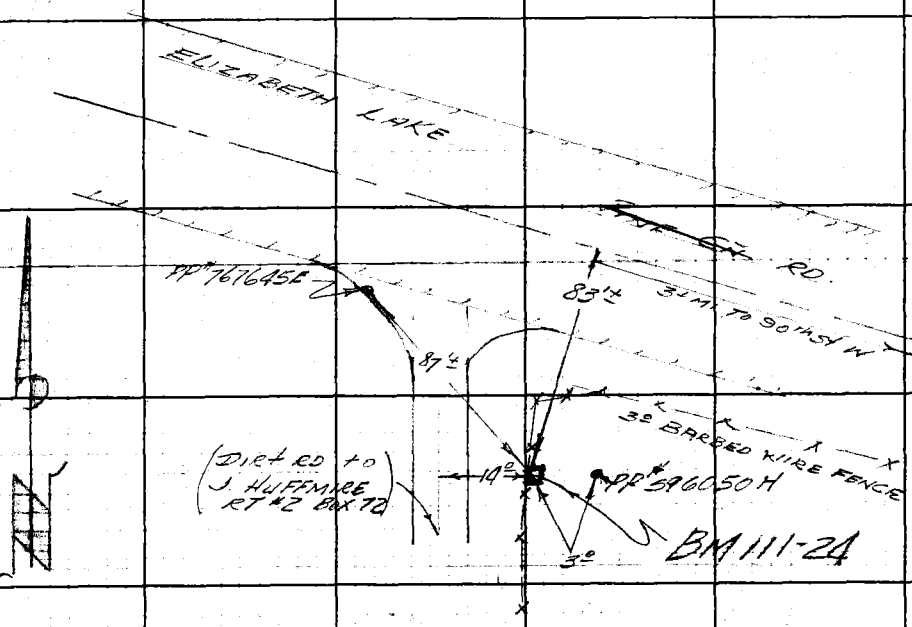
BM 111-24

ANTELOPE - LEONA VALLEY - 13.5 MI. W. OF PALMDALE ON ELIZABETH LAKE ~~PINE CN~~ RD, 3¼ MI W. OF 90TH ST W., 83' S. OF CTR OF Rd & 14° E. OF CTR OF dirt rd TO J. HUFFMIRE & 87½ SE OF PP# 767645E — SET A STD CO ENGR BM BRASS CAP MON MK'D "BM 111-24 1960 RE5869" IN A 12" CONC POST UP 6"

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.



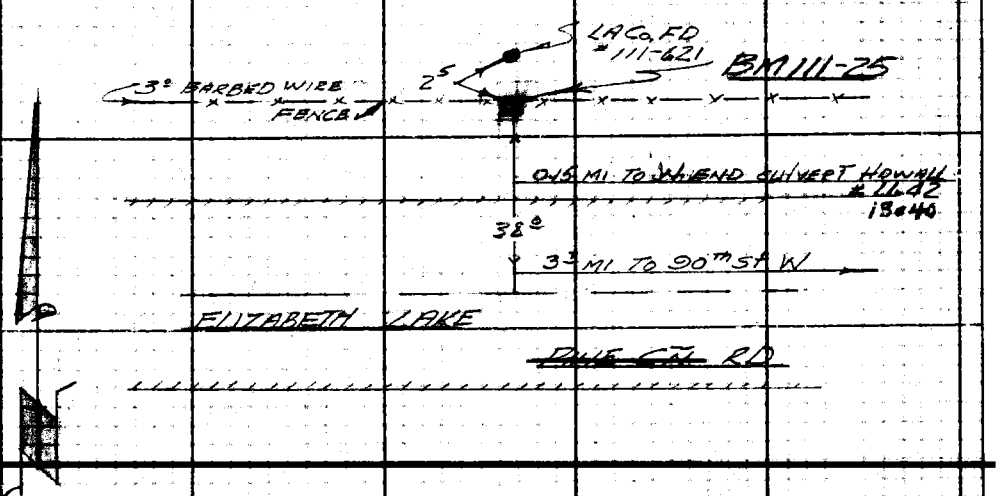
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes A.C.G. Date 2-9-60
Date	Indexed A. C. Johnson

F.B. 2437 PG. 37

WP

BM 111-25

ANTELOPE-LEONA VALLEY — 14.0 MI W. OF PALMDALE, 3.3 MI W. OF 90TH ST W ON ELIZABETH LAKE ~~PINE CN~~ RD, N., SIDE, 38° N. OF CTR OF RD & 2.5 S. OF TP# 111-621, 0.15 MI TO W. END OF N. CULVERT HOWALL #13.40 11.42 — SET A STD CO. ENGR. BM BRASS CAP MON MKD "BM 111-25 1960 RE 5869" IN A 12" CONC. POST UP 6"



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 this side of this line.

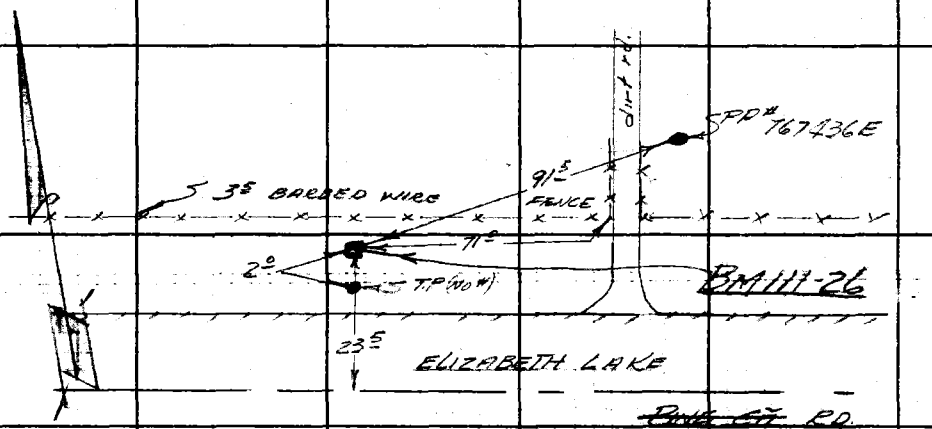
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 S&E #247 11-60

F. B. 2437 PG 38

BM 111-26

ANTELOPE - LEONA VALLEY — 14.5 MI W. OF PALMDALE & 1.4 MI E. OF FRANCISQUITO CN RD ON ELIZABETH LAKE ~~PAVE CT~~ RD N SIDE, 23± N OF CTR OF RD, 2° N OF TP (No #), 91± S W'ly OF PP# 767436E & 71° W. FROM THE SE COR OF FENCE BY DIRT RD. — SET A STD CO. ENGR BM BRASS CAP MON MK'D "BM 111-26 1960 RE 5869" IN A 12" CONC POST UP 6"



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

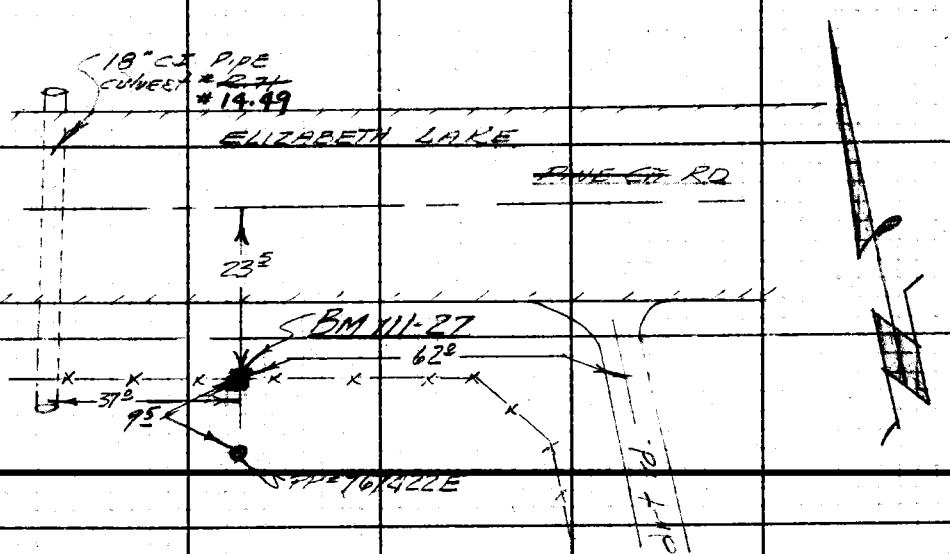
Do not extend this side of this line.

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	Survey of L. A. CO. PRECISE LEVEL NET	F. B. 2437 Pg. 39
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 2-10-60	
Date	Indexed ~~L. C. JOHNSON~~	

BM 111-27

ANTELOPE - LEONA VALLEY - 0.9 MI. E OF SAN FRANCISQUITO CN RD ON ELIZABETH LAKE ~~PINE CN~~ RD. S. SIDE, 23E S OF CTR OF RD, 9E N OF PP# 767422E, 37° E. OF S END OF CULVERT # ~~12.71~~ 14.49 & 62° W. OF ctr. OF DIRT RD. GOING SOUTH. — SET A. STD CO. ENGR BM BRASS CAP MON MK'D "BM 111-27 1960 RE 5869" IN A 12" CONC POST UP 6"



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 this side of this line.

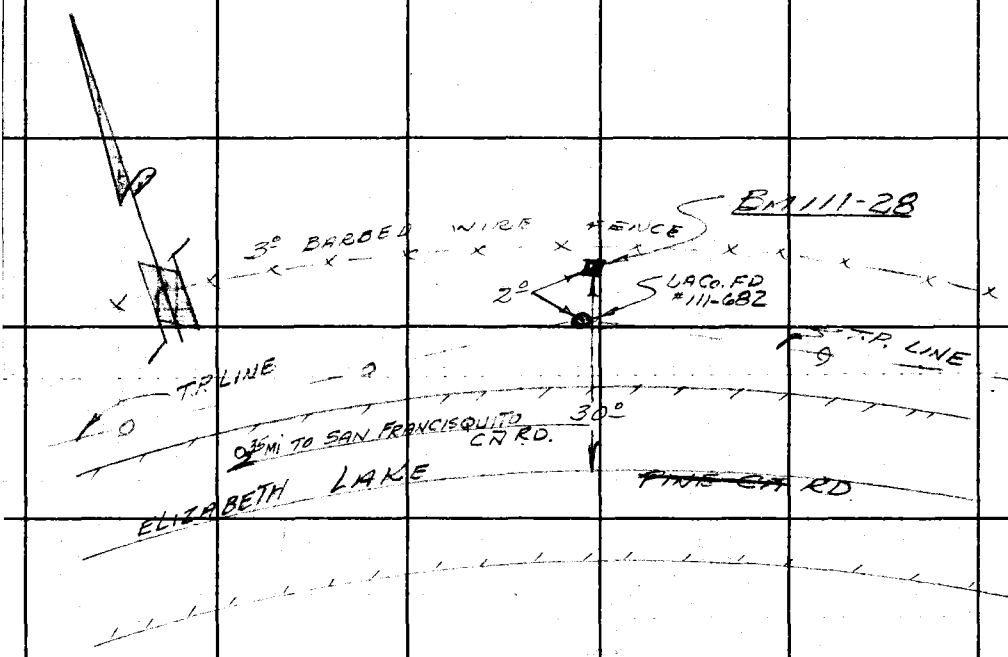
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3-98 SBE #247 11-58

F. B. 2437 PG 40

BM 111-28

ANTELOPE-LEONA VALLEY - 15.5 W. OF PALMDALE & 0.35 MI E. OF SAN FRANCISQUITO CN. RD., ON ELIZABETH LAKE ~~PINE CN~~ RD., N SIDE; 30° N OF CTR. OF RD. & 2° N. OF T.P. (LA. CO. FD #111-682) - SET A STO CO. ENGR. BM BRASS CAP MON. MK'D "BM 111-28 1960 RE5869" IN A 12" CONC. POST UP 6"



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

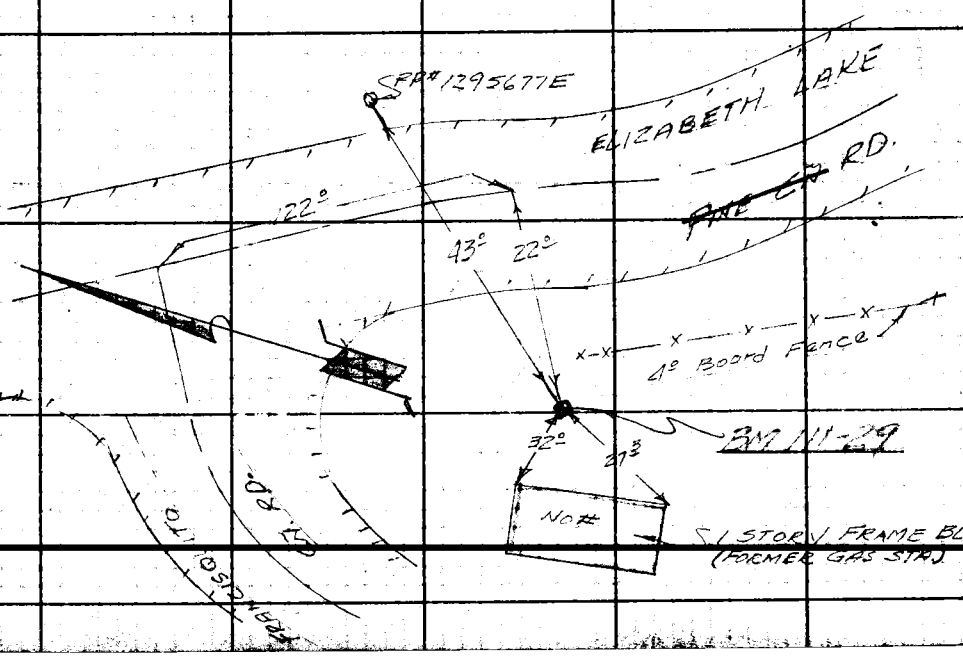
Notes Ck'd by	Survey	F. B. 2437 Pg. 41
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 2/29/60	
Date	Indexed A. C. Johnson	

L. A. CO. PRECISE LEVEL NET

BM111-29 (USGS RESET 1939)
15.7 MI. W OF PALMDALE — ELIZABETH LAKE ~~PINE CN~~ RD & FRANCISQUITO CN RD S.E'LY COR; 43° S'LY FROM PP# 1295677E, 22° S'LY FROM CTR OF RD AT W'LY END OF A 4° BOARD FENCE Fd AN IP W/ A 4" BRONZE TABLE MK'D AS SHOWN UP ABOUT

U.S. GEOLOGICAL SURVEY RESET SEPT 1939 ELEV ABOVE SEA 3408 FT DATUM L.A. BM

REF: FB 1847-85



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 this side of this line.

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

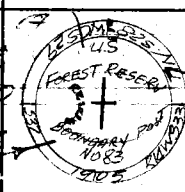
76F3098 S&E #247 11-58

F. B. 2437 PG 42

BM 111-30 (USBM) 1465 K-17·2

ANTELOPE VALLEY - LAKE HUGHES AREA

ELIZABETH LAKE ~~PINE CA RD~~ E JOHNSON RD, SE. COR. AT N.W. COR OF A 4° BARBED WIRE FENCE, 30° S & 40° E FROM CTR. OF ROADS, FD AN IP W/A 4" BRONZE TABLE MK'D AS SHOWN — ~~6~~ 3' W OF PP ~~#1014658E~~ 1847478E

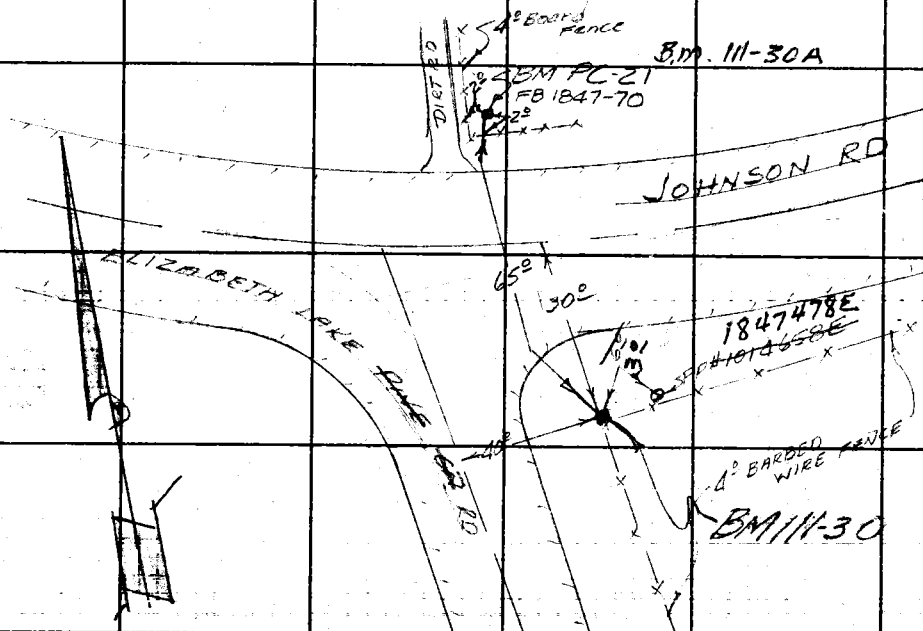


REF - U.S GOV'T CARDS FB 1847-71

May 17, 1965

MARKING IS FOR WITNESS CORNER

WC T7N R14W SECS 28, 29, 32, & 33



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

Memo to Jack Dougherty

Please

BM 119-18
O
1961
5963

Check marking or stamping on following BM's

BM 119-18

Ave G, about 1 mi W. of 90th St. W., about 340' W. of W. side of House # 9967 produced, 77.2' NE. of PP # 430 214 E and 15.2' N. of N. edge of pavement.

BM 111-30 (US 1465)

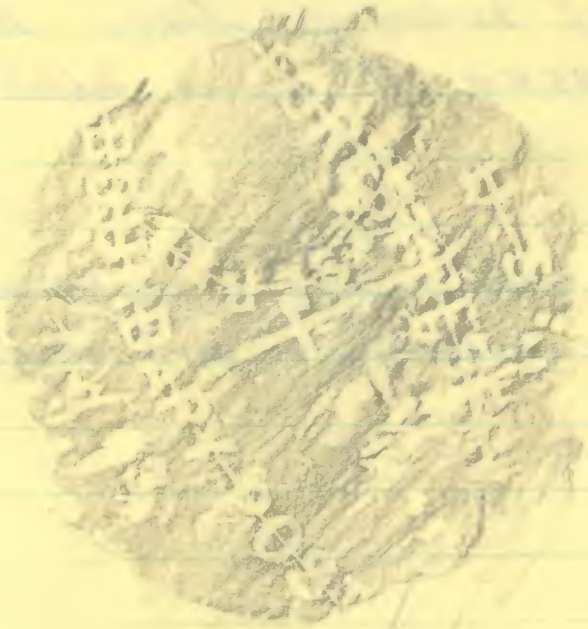
Elisabeth Lake Pine Canyon Road and Johnson Road at the S.E. corner of the intersection, 6.0 feet W. of P.P. # 1014658 E at N.W. corner of barbed wire fence. An iron pipe with USFS 4" bronze tablet.

If possible make rubbing of marks as well as visually reading the inscription - particullarly BM 111-30.

Thank you

WC 529
US
FOREST RESERVE
RESERVE
BOUNDARY POST
Nº 93
19 05
RIAN 533
TIN 528
S 32

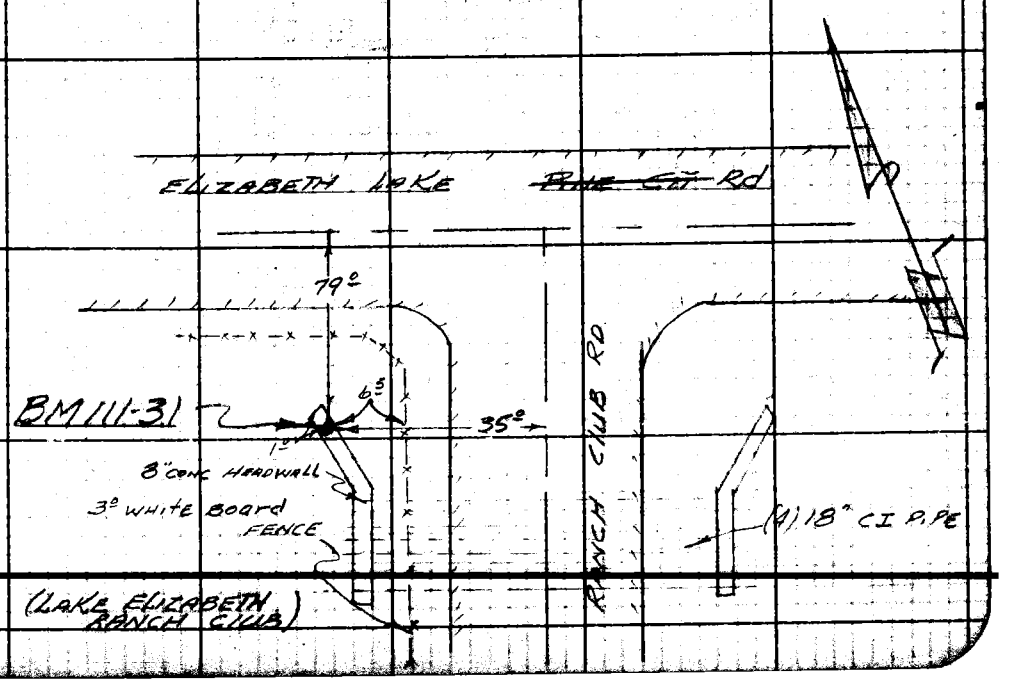
4'±



Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NE	F. B. 2437 Pg. 43
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A C GUIZADO	
Checked	Notes ACG Date 2/11/60	
Date	Indexed [illegible] C Johnson	

BM 111-31

LAKE HUGHES AREA, 0.6 MI. W'ly. FROM JOHNSON RD & 3.1 MI E'ly FROM LAKE HUGHES PO; ELIZABETH LAKE ~~PINE CN~~ RD & RANCH CLUB RD, S.W. COR, 79° S & 35° W OF CTR OF Roads - SET A Lge BtSpK IN Ld IN W. CONC. HdWALL IN N SECTION OF WING WALL, 1° S FROM N. END OF WALL, 6.5 W OF A 3° WHITE Board FENCE



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 this side of this line.

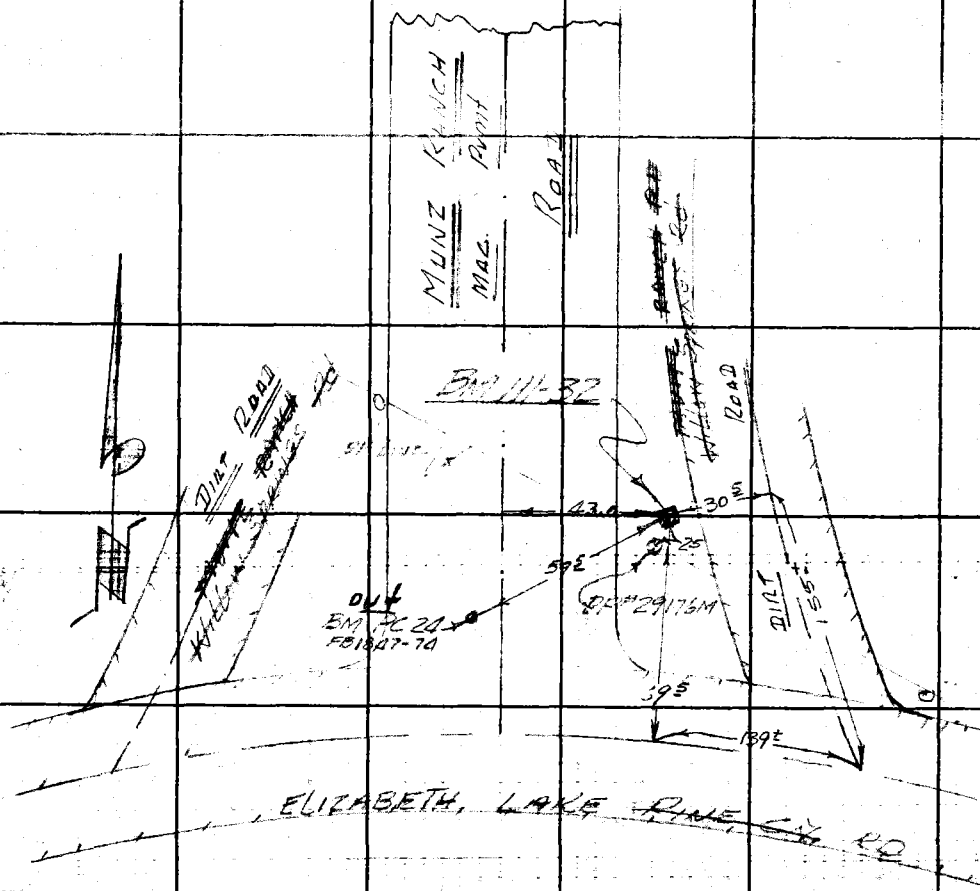
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 S&E #247 11-58

F.B. 2437 PG 44

BM 111-32

LAKE HUGHES AREA — ELIZABETH LAKE ~~PINE CN~~ Rd & ~~WILLOW SPRINGS~~ MUNZ RANCH RD. ~~[illegible]~~ ~~OF ELIZ~~ ~~WILLOW SPRINGS~~ MUNZ RANCH ~~RD~~ & 69.5 N'ly OF ELIZ. LAKE PINE CN RD, 2.5 N'ly FROM PP# 29176M & ~~[illegible]~~ ~~BM PC 24~~ - SET A STD CO. ENGR BRASS CAP BM MK'd "BM 111-32 1960 RE5869" IN A 12" CONC Post UP 6" & 3.0 S'W'ly OF A WHITE WITNESS Post. 43.0 Ft. EAST OF THE CENTER OF MUNZ RANCH RD.



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

Do not extend this side of this line.

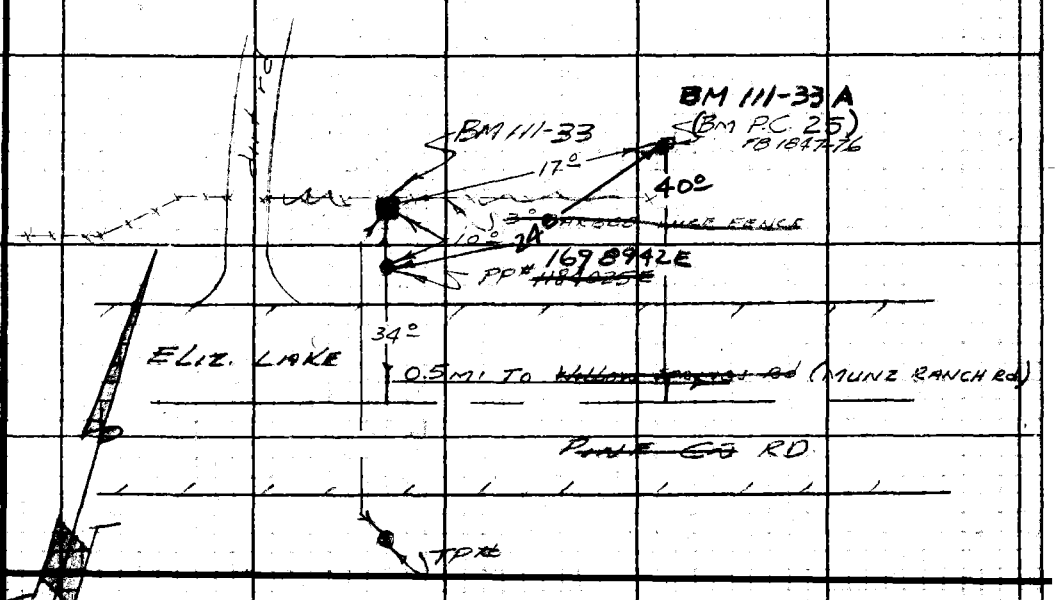
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET	F. B. 2437 Pg. 45
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by ACGUIZADO	
Checked	Notes ACG Date 3/18/60	
Date	Indexed A. C. Johnson	

BM 111-33 BM PC 25

ANTELOPE VALLEY - LAKE HUGHES AREA
ELIZ LAKE ~~PINE CN~~ RD — 0.5 MI W. OF
~~WILLOW SPRINGS RD~~ (MUNZ RANCH RD) 34° N. OF
CTR. OF PAVED RD, 10° N. OF PP# 1184025E & 17°
W'ly FROM BM PC-25 — SET A STD CO. ENGR
BM BRASS CAP MON MKD "BM 111-33 1960
RE 5869" IN A 12" CONC POST. UP 6" &
2° N. OF A WITNESS POST

B.M. 111-33 A (P.C. 25)
A L.A. Co. Engr. Button Cap Mon. on a 6" Conc. post., flush
Stamped "B.M. P.C. 25"., 17° ft. N.E. of BM 111-33,
40° ft. No. of the center of Rd., & 24° N.E. of
P.P.# 1698942 E. FD. DESTROYED 9-11-72 G.E.D.



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 this side of this line.

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

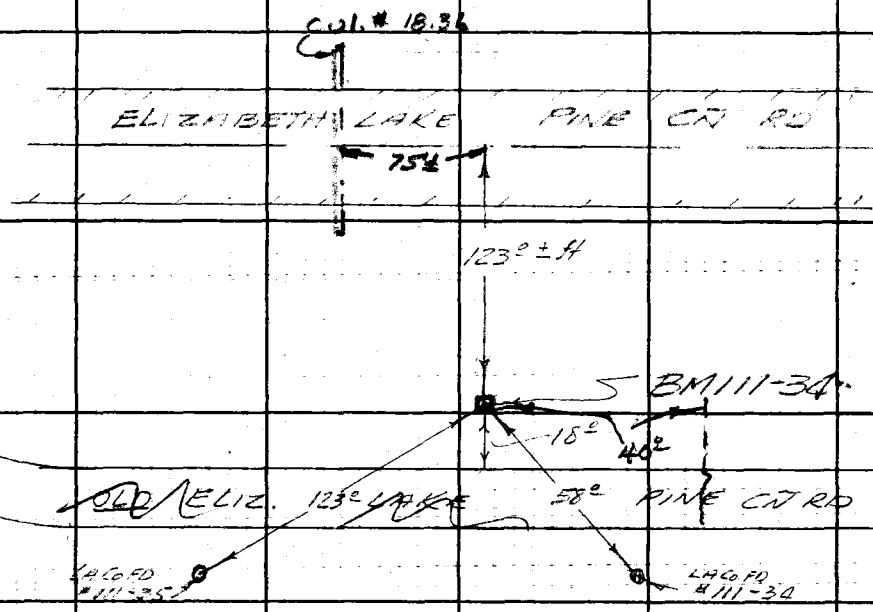
76F3096 S&E #247 11-58

F.B. 2437 PG. 46

BM 111-34 (US 1468) K-19-1929
(TIPPED) RESET 2-18-60
ANTELOPE VALLEY, 1.8 MI. E OF LAKE HUGHES
P.O., ON ELIZABETH LAKE ~~PINE CN RD~~, 123ft ± S.
OF NEW ROAD & 18' N. OF N EDGE OF OLD ROAD,
123° NE OF TP #111-35 & 58° NW OF TP #111-34 OUT FD
A CONCRETE POST WITH BRONZE TABLET MK'D
"K-19-1929" UP 4" & 22' S. OF A WHITE
WITNESS POST

REF. US GOV'T CARDS SHT #72

Additional Tie 75' ± E. of Cul. # 18.36
40 FT. W. OF END OF PAV. OF OLD ROAD. RCB 1/16/67



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

F. B. 2007 PG. 46

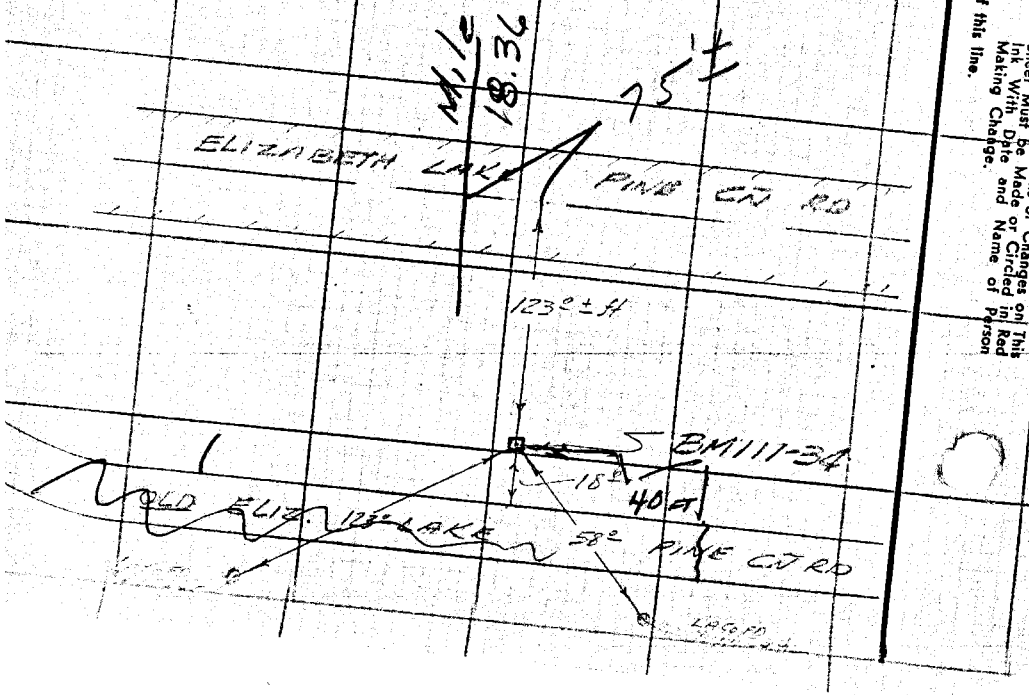
BM 111-34 (US 1068) K-19-1929
(TIPPED) RESET 2-18-60

ANTELOPE VALLEY, 1.8 MI. E OF LAKE HUGHES
P.O., ON ELIZABETH LAKE ~~PINE CN RD~~, 123 H± S.
OF NEW ROAD & 18' N. OF N EDGE OF OLD ROAD,
123° NE OF TP # 111-35 & 58° NW OF TP # 111-34 ED
A CONCRETE POST WITH BRONZE TABLET MK'D
"K-19-1929" UP 4" & 2° S. OF A WHITE
WITNESS POST

REF: US GOV'T CARDS SHT # 72

U.S.G.S. IN GOOD with LA CO.

K-19
1929.



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.

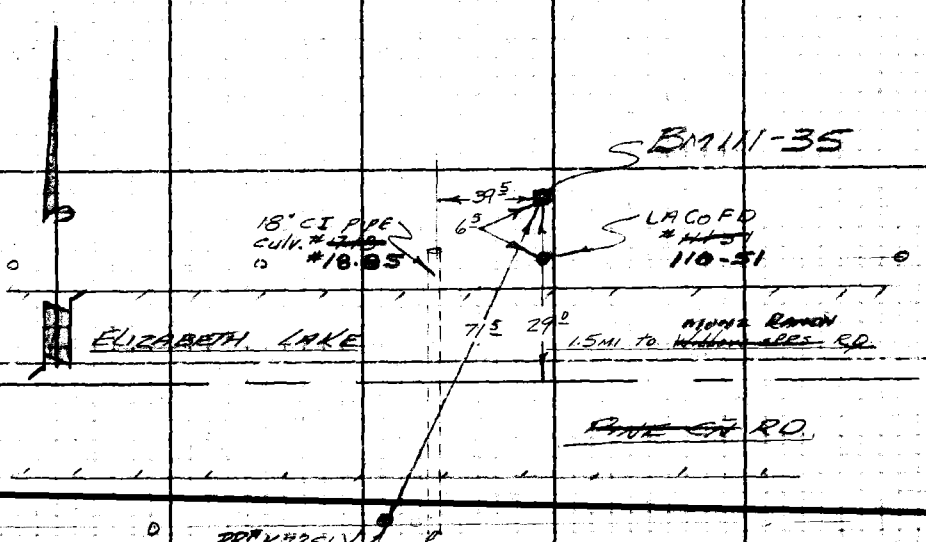
Do not extend this side of this line.

Notes Ck'd by	Survey of L A CO PRECISE LEVEL NET
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by A C G 4/12 4/20
Checked	Notes A C G Date FEB '60
Date	Indexed A C Johnson

F. B. 2437 Pg. 47

BM 111-35

ANTELOPE VALLEY - LAKE HUGHES AREA 1.5 MI. W OF ~~WILLOW SPRINGS~~ MUNZ RANCH RD ON ELIZABETH LAKE ~~PINE CN~~ RD. N. SIDE, 29° N OF CTR OF RD, 71.5 N E'LY FROM PP# K-7251Y, 6.5 N OF TP# ~~111-51~~ 110-51 & 39.5 E OF CTR OF CULV. # ~~111-8~~ 18.85 SET A STD CO. ENGR BRASS CAP BM MK'D "BM 111-35 1960 RE5869" IN A 12" CONC POST UP 6"



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 this side of this line.

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

76F3608 S&E #247 11-58

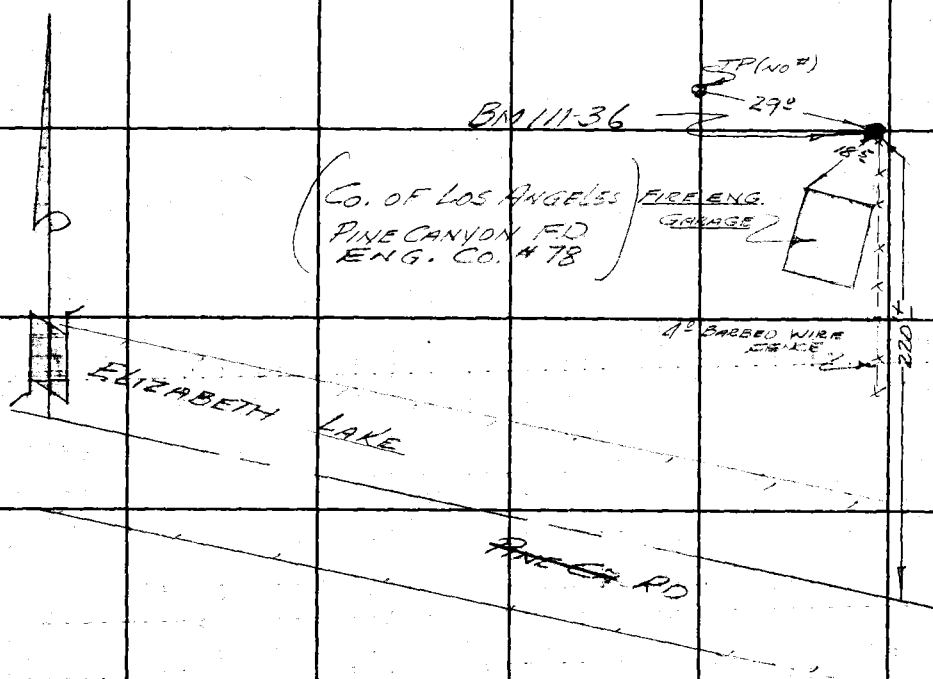
F. B. 2437 PG 48

BM 111-36 (US BM 1469) T.B.M. K-19-1

ANTELOPE VALLEY - LAKE HUGHES P.O. 0.6 MI. E. OF, ON ELIZABETH LAKE ~~PINE CN~~ RD, 200' N. OF CTR. OF RD. ALONG 4° BARBED WIRE FENCE AT N.E. COR OF FIRE LOT, FD A STD C.S. BRASS PRECAST CAP MON MK'D AS SHOWN, UP ABOUT 4".

COUNTY ENGINEER SURVEYED T7N K15W 23 24 26 25 1928 P.E. 5869 MONUMENT

REF: U.S. Gov't CARDS SHT #7 FB 1847-81



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

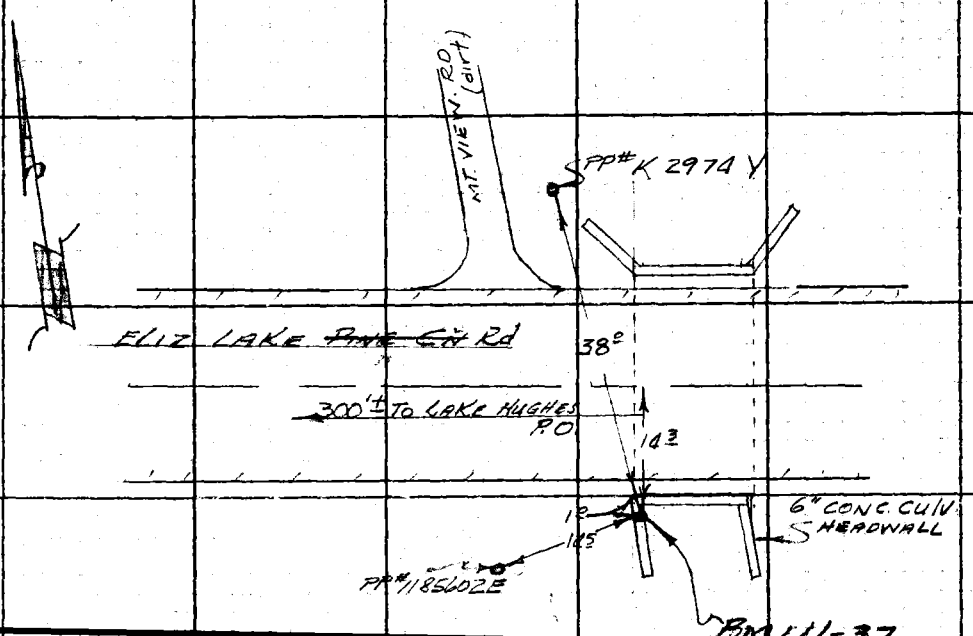
Do not extend this side of this line.

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	L. A. CO. PRECISE LEVEL NE	F. B. 2437 Pg. 49
Map No.	Survey of JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date FEB '60	
Date	Indexed A. C. Johnson	

BM 111-37

ANTELOPE VALLEY IN LAKE HUGHES
ELIZABETH LAKE ~~PINE CN~~ RD & MT. VIEW RD.
300 ft± E. OF P.O., 14³ S. OF RD, 38° S. OF PP
K-2974 Y & 14⁵ E. OF PP# 1185602E, SET A
Lg. Bt. SPK IN LEAD IN S. HEADWALL, 1° S. FROM
N EDGE ON W. WING WALL - CONCRETE MK'D
"BM 111-37



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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

76F3498 S&E #247 11-58

F. B. 2437 PG 50

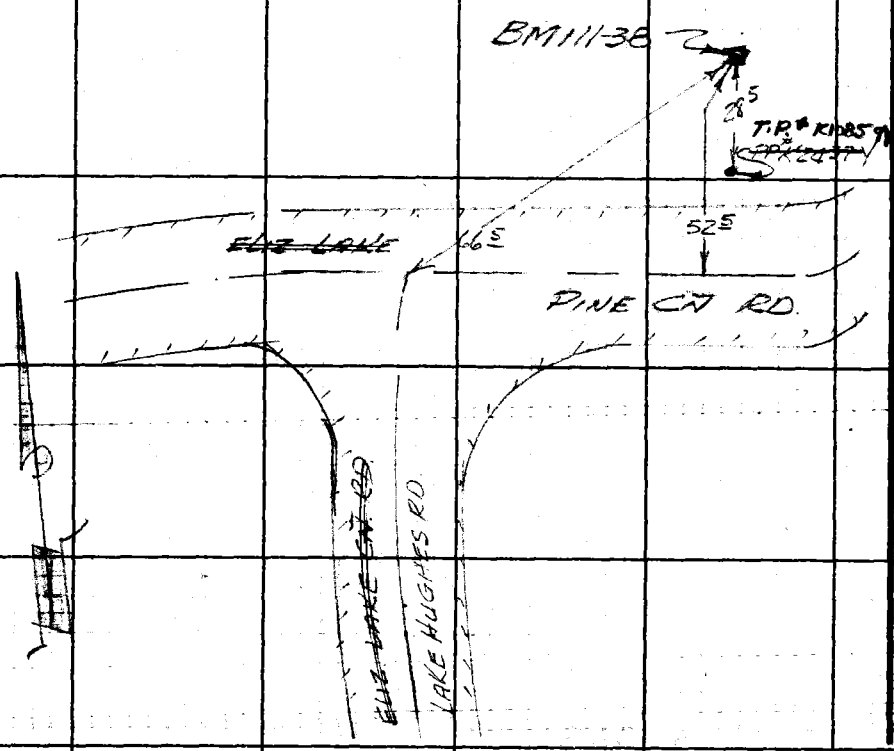
BM111-38 (US BM 1471) R-23-1929

(TIPPED - RESET 2-18-60)

T7N, SEC 22; R15W ANTELOPE VALLEY - LAKE HUGHES P.O., 0.7 MI W. OF; AT JUNCTION OF ~~ELIZABETH LAKE~~ PINE CN RD & ~~ELIZABETH LAKE CN~~ LAKE HUGHES RD; 52.5 N OF CTR OF RD & 66.5 FROM APPARENT CTR. INT. OF ROADS; 28.5 N. OF ~~PP #K-2437Y~~ T.P. #K 10859Y - FD. AN 8"X8" CONCRETE MONUMENT W/BRONZE TABLET MK'D "K-23-1929" UP 6" & 2° S. OF A WHITE WITNESS POST

REF: U.S. GOV'T CARDS

A U.S.G.S. 3½" Br. disk on a 8"x8" Conc. post, Set in Cooperation with L.A. County, Stamped "R 23, 1929" 1/16/67, RCB.



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

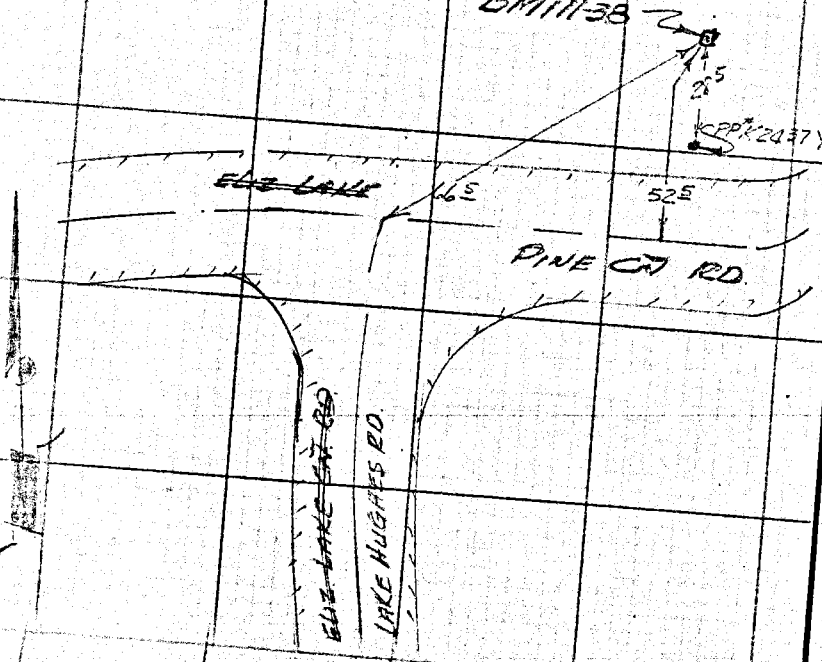
F. B. 2437 PG. 50

BM 111-38 (USBM 1471) R-23-1929
(TIPPED - RESET 2-18-60)

T7N, SEC 22; R15W ANTELOPE VALLEY - LAKE HUGHES P.O., 0.7 MI. W. OF; AT JUNCTION OF ~~ELIZABETH LAKE~~ PINE CN RD & ~~ELIZABETH LAKE~~ LAKE HUGHES ~~CN~~ RD; 52± N. OF CTR OF RD & 66± FROM APPARENT CTR. INT. OF ROADS; 28± N. OF PP #K2437Y - FD AN 8" X 8' CONCRETE MONUMENT W/BRONZE TABLET MK'D "R-23-1929" UP 6" & 2° S. OF A WHITE WITNESS POST

REF: U.S. GOV'T cards

U.S.G.S. in COOP with L.A. Co.



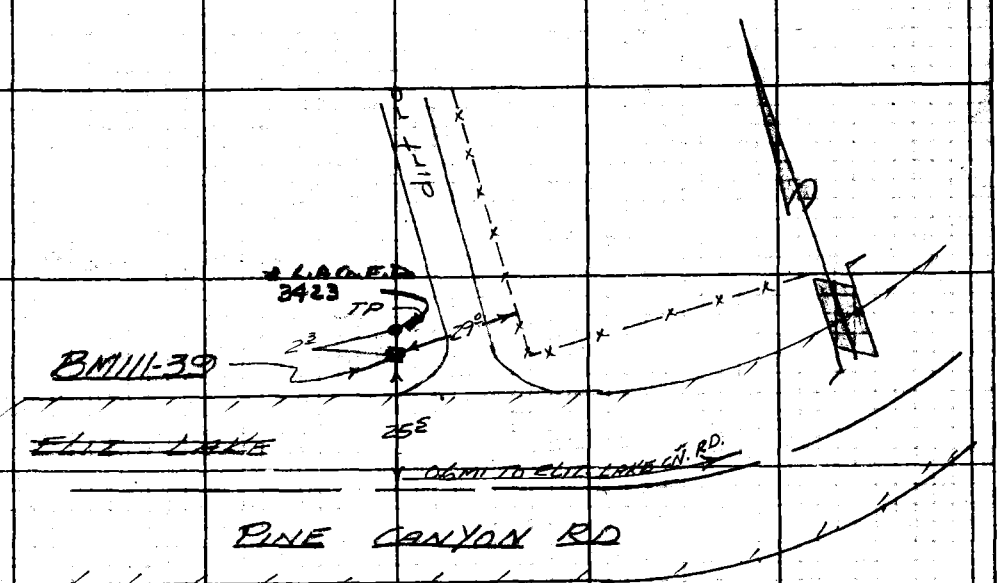
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET	F. B. 2437 PG. 51
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 2/19/60	
Date	Indexed A. C. Johnson	

BM 111-39

ANTELOPE VALLEY - LAKE HUGHES P.O., 1.3 MI W. OF, ON ~~ELIZ LAKE~~ PINE CN RD N. SIDE, 25^{E} N OF CTR OF RD., 2^{3} S OF TP (No #) #L.A.(F.D. 3423) & 29° W OF BARBED WIRE FENCE, BY DIRT RD TO HSE #

SET A STD CO. ENGR. BM BRASS CAP MON. MKD. "BM 111-39 1960 RE 5869" IN A 12" CONC. POST UP 6.".



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

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

Do not extend this side of this line.

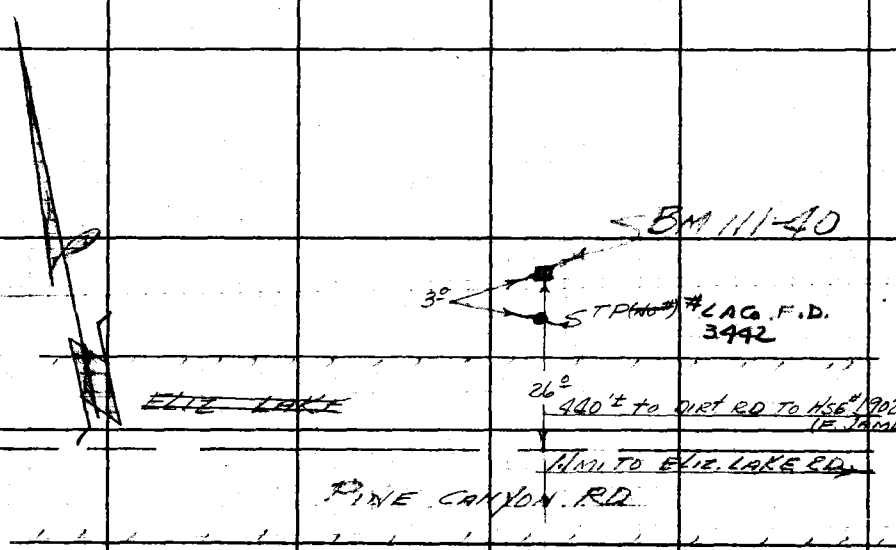
76F3095 S&E #247 11-58

F. B. 2437 PG. 52

WP

BM 111-40

ANTELOPE VALLEY — 1 ⅛ MI. W. OF LAKE HUGHES RD. ON ~~ELIZ LAKE~~ PINE CN. RD., 26° N. OF CTR. OF ROAD, 440'± W. OF DIRT RD TO HSE # 19023 (E. JAMES), & 3° N. OF A TP (~~HUB #~~) #L.A.Co.F.D. 3442 — SET A STD CO. ENGR. BM BRASS CAP MON MK'D "BM 111-40 1960 RE 5869" IN A 12" CONC. POST UP 6" & 2° S OF A WHITE WITNESS POST



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape ____ Std ____ °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 2/19/60
Date	Indexed C. Johnson

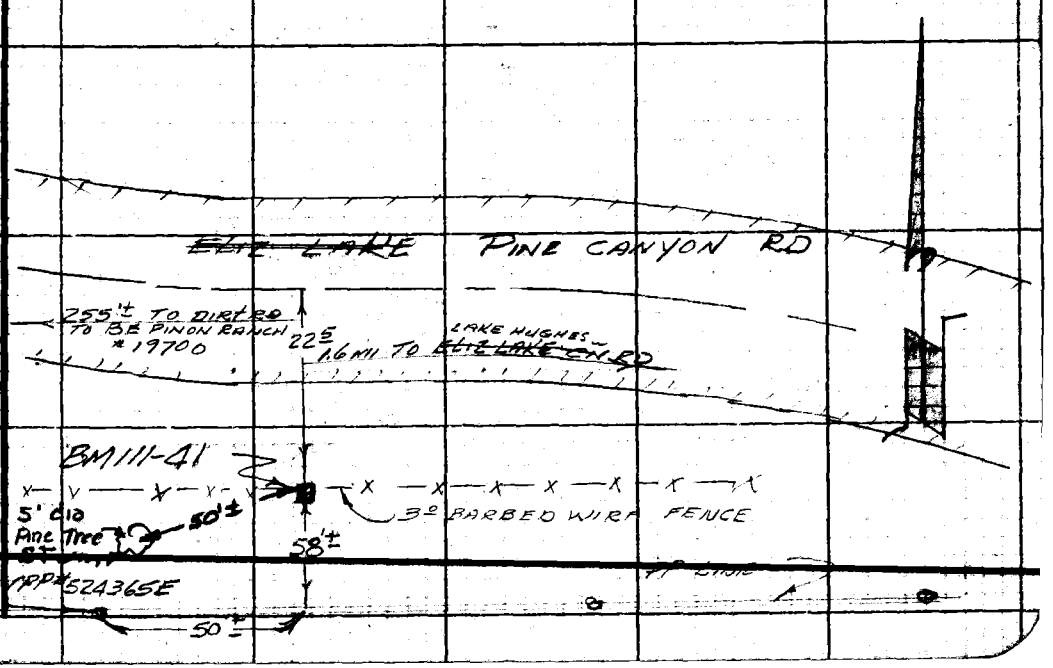
F. B. 2437 Pg. 53

23

BM 111-41

ANTELOPE VALLEY — 2.3 MI. W. OF LAKE HUGHES P.O., 1.6 MI. W OF ~~ELIZ LAKE CN~~ LAKE HUGHES RD, ON ~~ELIZ LAKE~~ PINE CN RD, S. SIDE, 22± S OF CTR OF RD, 50'± E & 58'± N, OF PP# 524365E & 255'± E OF DIRT RD TO HSE # 19700 — SET A STD CO. ENGR BM BRASS CAP MON MK'D "BM 111-41 1960 RE 5869" IN A 12" CONC POST UP 6" & 2° S. OF A WHITE WITNESS POST.

New Tie 50'± N.E. of 5' dia pine Tree



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 this side of this line.

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

76F3005 SAE #247 11-59

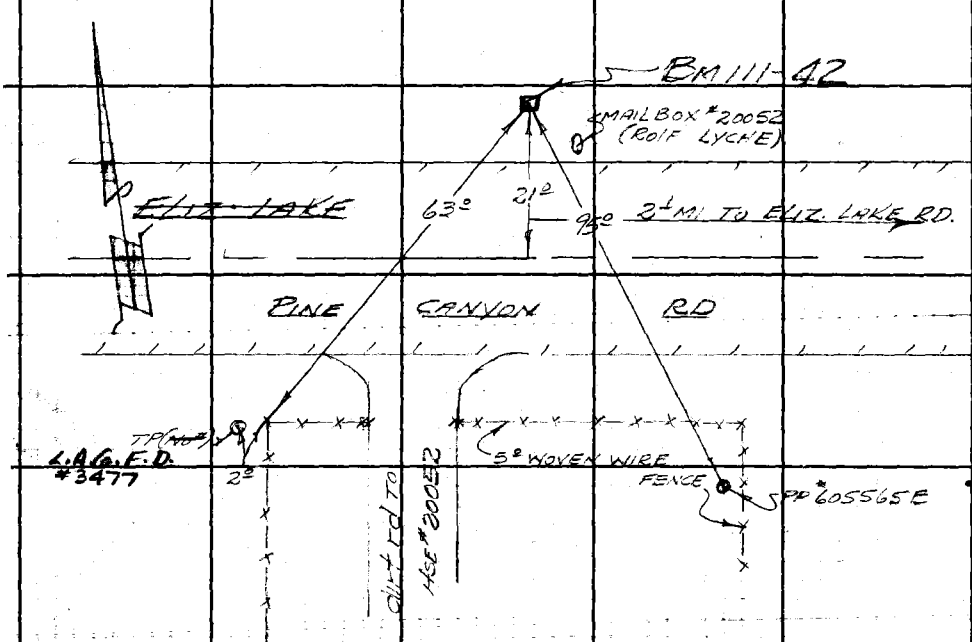
F. B. 2437 PG. 54

28 [illegible]

wb.

BM 111-42

ANTELOPE VALLEY — 2.8 MI W. OF P.O. AL LAKE HUGHES — ON N. SIDE OF ~~ELIZ LAKE~~ PINE CN RD, 31° N. OF CTR OF RD, 63° NE FROM NW COR OF A 5° WOVEN WIRE FENCE, (HSE # 20052) & 95° NW FROM PP # 605565E — SET A STD CO. ENGR BM BRASS CAP MON MKG " BM111-42 1960 RE 5869" IN A 12" CONC SPST UP 6" & 2° N. OF A WHITE WITNESS POST.



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

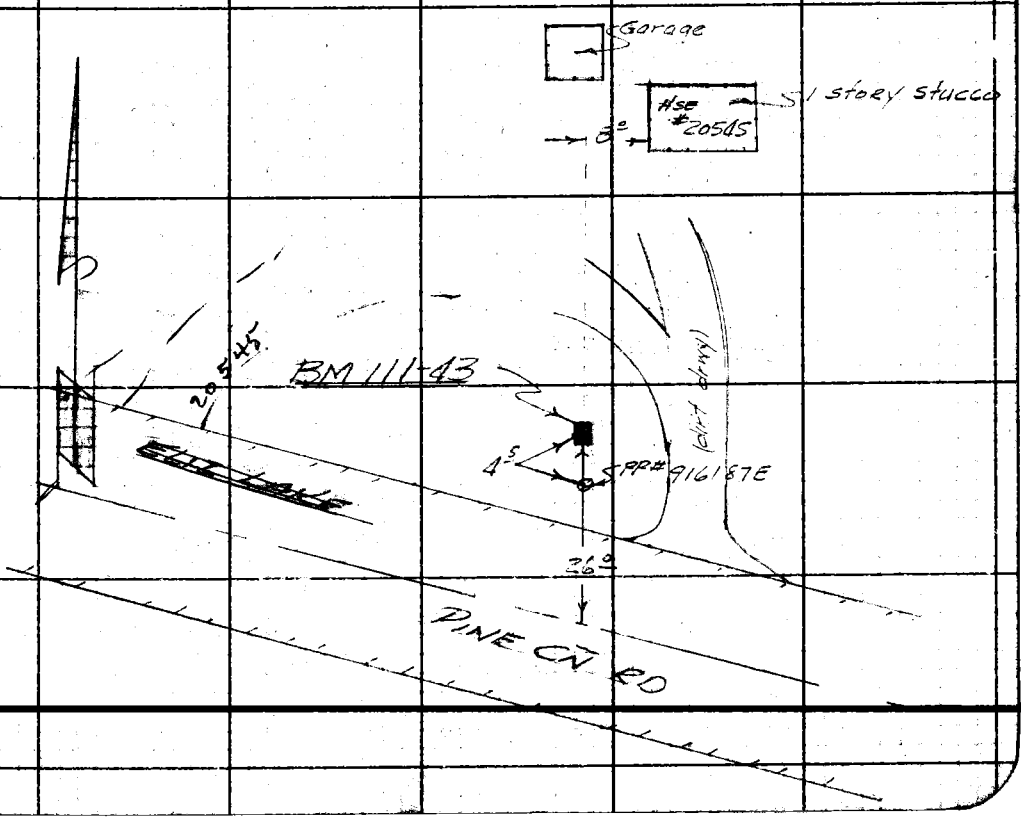
Notes Ck'd by	L. A. CO. PRECISE LEVEL NE
Map No.	Survey of
Office Work	JN 030102 Tape Std °F
Checked	Surveyed by A.C. GUIZADO
Date	Notes ACG Date 2/26/60
	Indexed A. C. Johnson

F. B. 2437 PG. 55

BM 111-43

3.2 W P.O.

ANTELOPE VALLEY - LAKE HUGHES AREA 3.3 MI W. OF P.O. AT LAKE HUGHES, ON N. SIDE OF ~~ELIZ LAKE~~ PINE CN RD, 26° N OF CTR OF RD & 8° W OF E. LINE OF HSE # 20545, 4° N. OF PP# 916187E — SET A STD CO. ENGR. BM BRASS CAP MK'D "BM 111-43 1960 RE 5869" IN A 12" CONC POST UP 6"



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

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

Do not extend this side of this line.

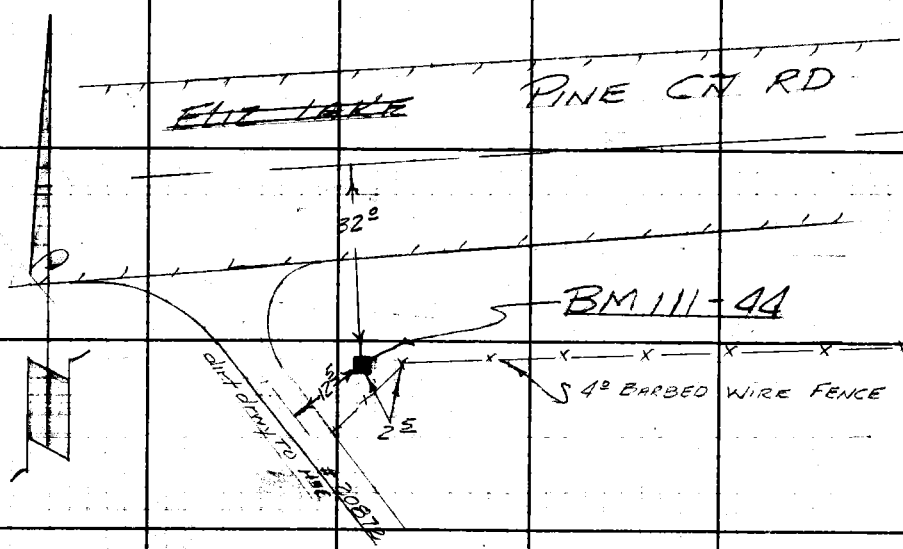
76F3 98 S&E #247 11-58

F. B. 2437 PG 56

BM 111-44

ANTELOPE VALLEY, LAKE HUGHES AREA
3.8 M. W OF LAKE HUGHES RD., ON ~~ELIZ LAKE~~
PINE CN RD; 32° S. FROM CTR OF ROAD &
12 S. E. FROM DRWY TO HSE # 20872; SET
A STD CO. ENGR BM BRASS CAP MK'D
"BM 111-44 1960 RE 5869" IN A 12"
CONC POST UP 4"

This B.M. has been destroyed. 11/21/67 RCBowers
Replaced by B.M. 111-44A, F.B. 3723-130



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

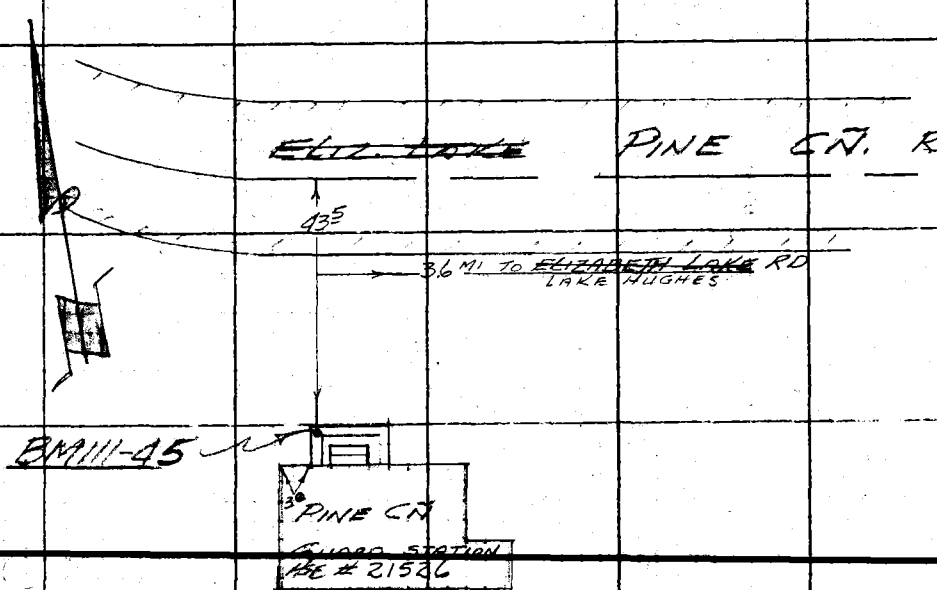
7

Notes Ck'd by	L. A. CO. PRECISE LEVEL NET	F. B. 2438 PG. 57
Map No.	Survey of	
Office Work	JN 030102 Tape Std °F	
Checked	Surveyed by A.C. GUIZADO	
Date	Notes A.C.G. Date 3/2/60	
	Indexed C. Johnson	

43 W. P.O.

BM 111-45

ANTELOPE VALLEY, PINE CANYON GUARD STATION (U.S. FOREST RANGER) 4.3 W. OF P.O. AT LAKE HUGHES, ON ~~ELIZ LAKE~~ PINE CN RD, 43.5 S. OF ROAD, SET A Lg BT SPK IN LEAD IN BOTTOM STEP IN NW COR, 6" S&E. OF EDGE OF CONC. STEP.



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 this side of this line.

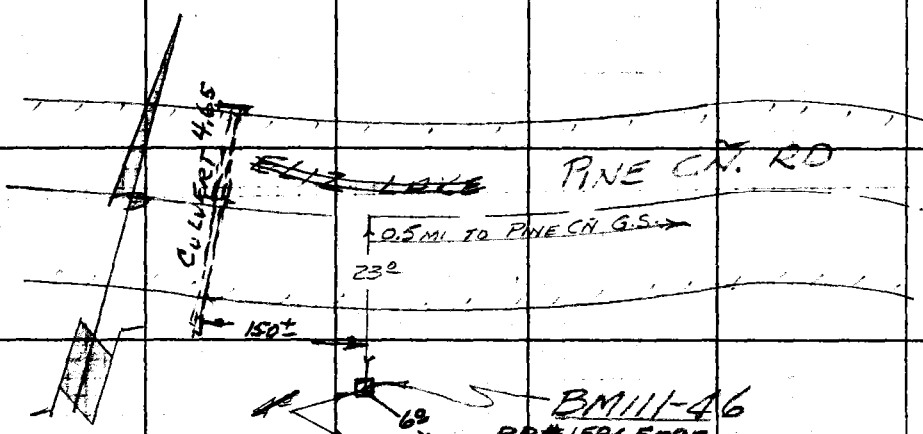
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

70F3C08 S&E #247 11-58

F. B. 2437 PG 58

BM 1N-46

ANTELOPE VALLEY, ON ~~ELIZ LAKE~~ PINE CN RD.,
4.8 MI W. OF P.O. AT LAKE HUGHES &
0.5 MI W. OF PINE CN GUARD STATION: 23°
S OF CTR. OF ~~ELIZ LAKE~~ PINE CN RD & ~~40 N. OF~~
~~PP# 624409E~~, SET A STD CO. ENGR. BM
BRASS CAP MON. MKD "BM 1N-46 1960
RE 5869" IN A 12" CONC POST UP 6"
New Tie: 62 ft. N.W. of P.P.# 1586509E



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

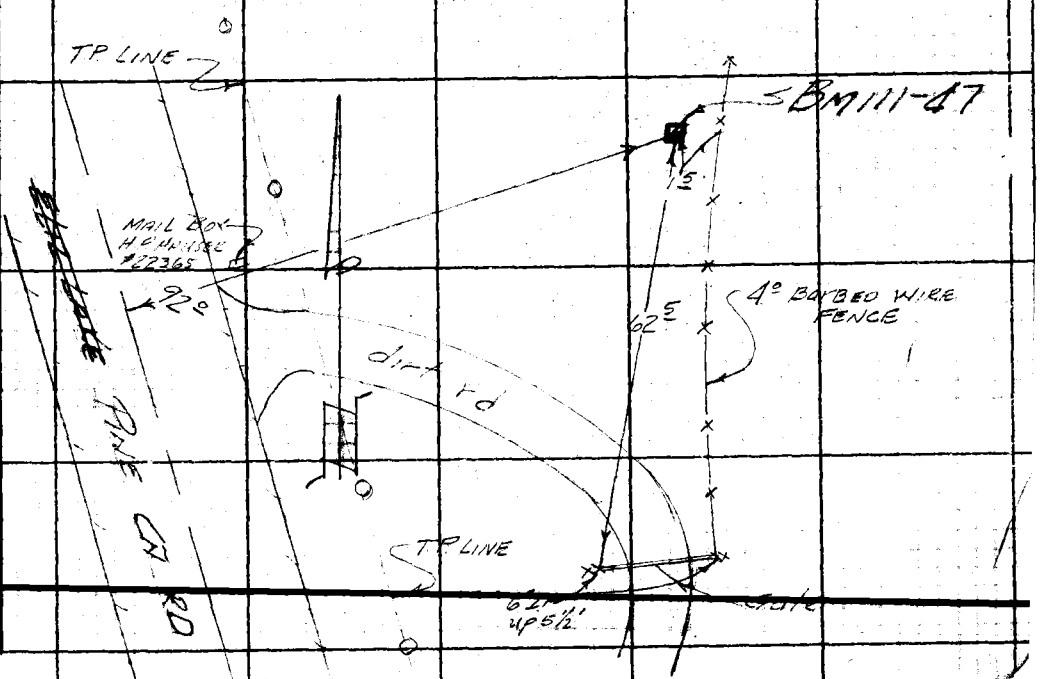
Notes Ck'd by
Map No.
Office Work
Checked
Date

L. A. CO. PRECISE LEVEL NET
Survey of
JN 0301.02 Tape Std °F
Surveyed by A.C. GUIZADO
Notes ACG Date 3/17/60
Indexed J. C. Johnson

F. B. 2437 Pg. 59

12' above Pvm 4. 5.3 w P.O. 1.0 w G.S.

BM 111-47
ANTELOPE VALLEY - LAKE HUGHES P.O.
5.3 MI W. OF., ON ~~ELIZ LAKE~~ PINE CN RD,
92° E'LY OF CTR OF RD, & 62.5 N'LY FROM THE
E. 6" GATE POST, & 1.5 W. OF A 4° BARBED
WIRE FENCE, SET A STD CO. ENGR. BM BRASS
CAP MON MK'D "BM 111-47 1960 RE 5869"
UP 6" & 2° N'LY OF A WITNESS POST & APPROX
12' ABOVE Pvm 4. AT SUMMIT



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

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

Do not extend this side of this line.

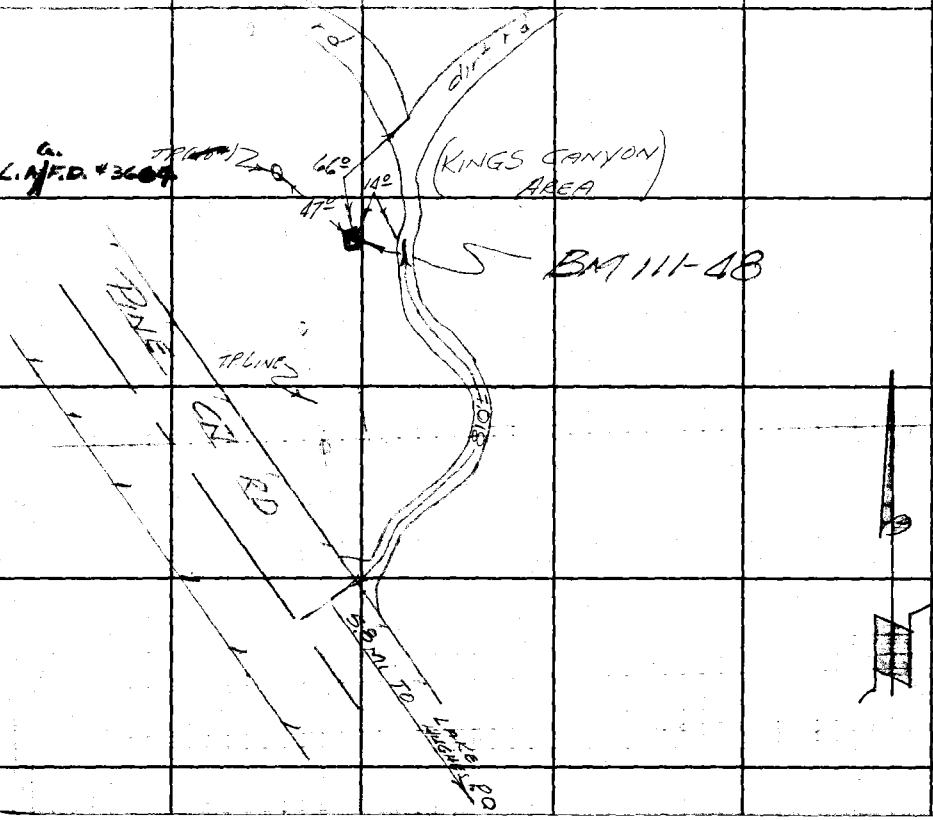
76730-S SEE #247 11-58

F. B. 2437 PG. 60 810±

BM 111-48 (US 1479 K-22-1929)
ANTELOPE VALLEY — KINGS CANYON AREA
5.8 mi W. of P.O. at LAKE HUGHES to dirt rd (KINGS CANYON), ALONG dirt rd. 810 ft± TO LARGE EMBEDDED BOULDER ON W'ly side of rd Fd A 4" BRONZE TABLET STAMPED "K-22-1929" IN LARGE BOULDER; 14° W'ly of W'ly side of dirt rd; 66° S'ly FROM JUNCTION POINT of dirt rds, & 47° S'E'ly FROM TP ~~(NO #)~~ L.A.G.F.D # 3604

REF. U.S. GOV'T CARDS SHT # 73

A U.S.G.S. 3½" Br. disk set in Conc. on a 3'x4' granite boulder, in Cooperation with L.A. County stamped "K-22, 1929". 1/16/67 RCB



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

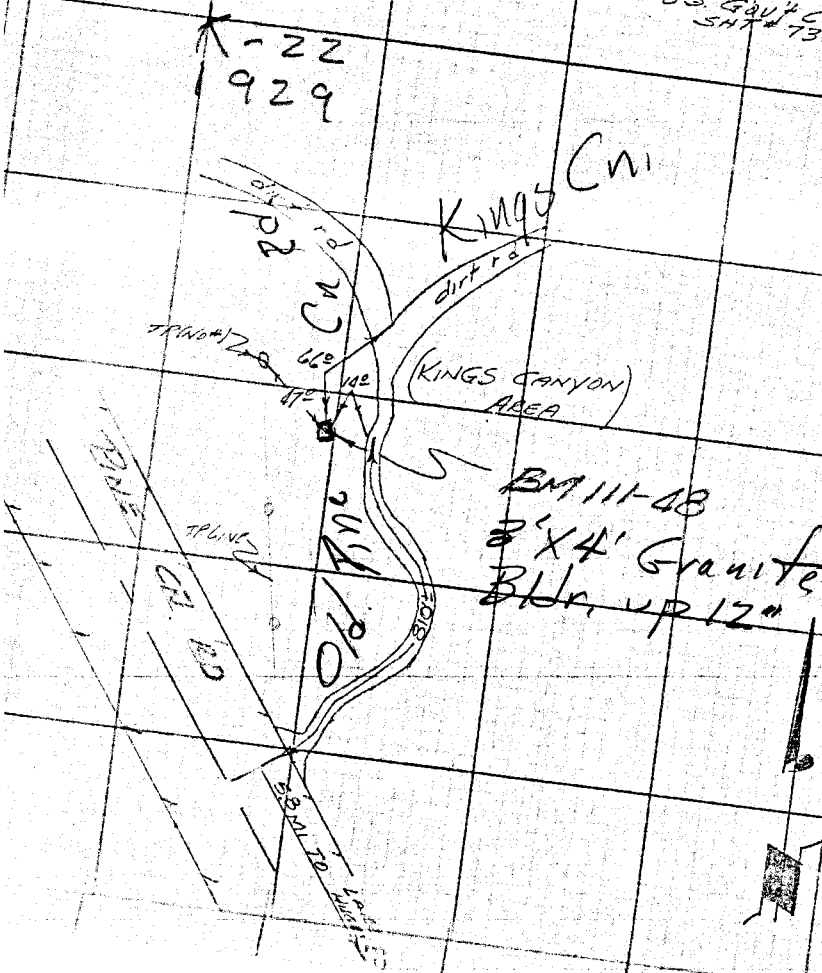
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

F. B. 2437 PG. 60

810

BM 111-48 (US 1479 K-22-1929)
ANTELOPE VALLEY — KINGS CANYON AREA.
5.8 MI W. OF P.O. at LAKE HUGHES TO dirt
rd (KINGS CANYON), ALONG dirt rd. 810 ft± TO
LARGE EMBEDDED BOULDER ON W'ly SIDE OF rd
Fd A 4" BRONZE TABLET STAMPED "K-22-1929"
IN LARGE BOULDER; 14° W'ly OF W'ly SIDE OF dirt
rd; 66° S'ly FROM JUNCTION POINT OF dirt rd(s)
& 47° S'ely FROM TP(NO #)

U.S.G.S. in Coop with L.A. Co.
REF. U.S. GOV'T CARDS SHT # 73



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BL
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	Survey of L. A. CO. PRECISE LEVEL NE	F. B. 2437 Pg. 61
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 3/17/60	
Date	Indexed C. Johnson	

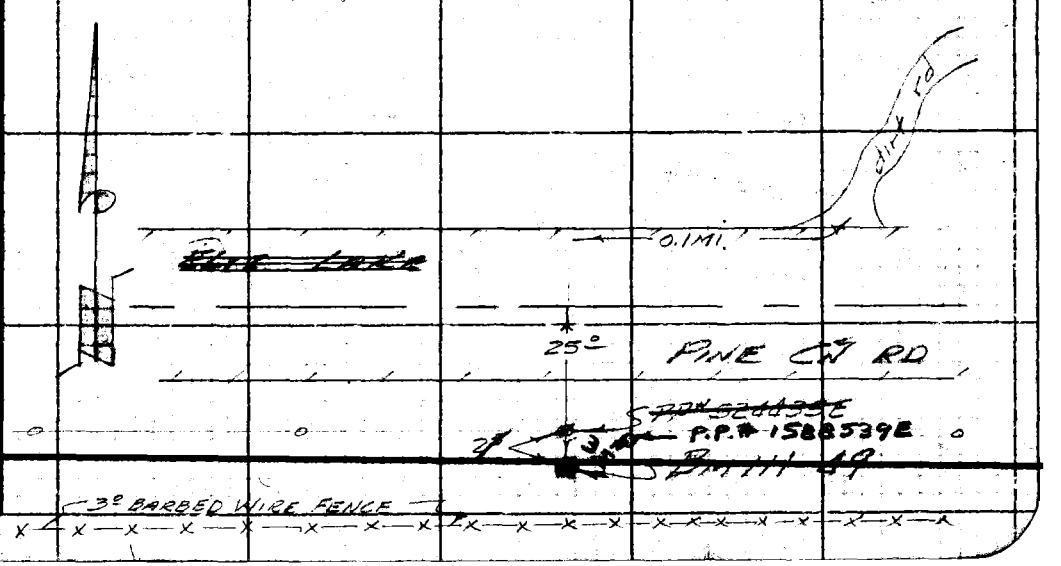
6.4 ± P.O.

BM 111-49

ANTELOPE VALLEY - LAKE HUGHES AREA, 6.4 MI. W. OF P.O., ON ~~FLIT LAKE~~ PINE CN. RD., S. SIDE, ~~2° S. OF PP# 524435E~~ & 25° S. OF CTR. OF RD, SET A STD (C-S) CO. ENGR. BM MON MK'D "BM 111-49 1960 RE5869" IN A 12" CONC POST UP 6" & 2° N OF A WHITE WITNESS MARKER

New Tie: 3± ft. S.W. of P.P.# 1588539E

OK



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

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

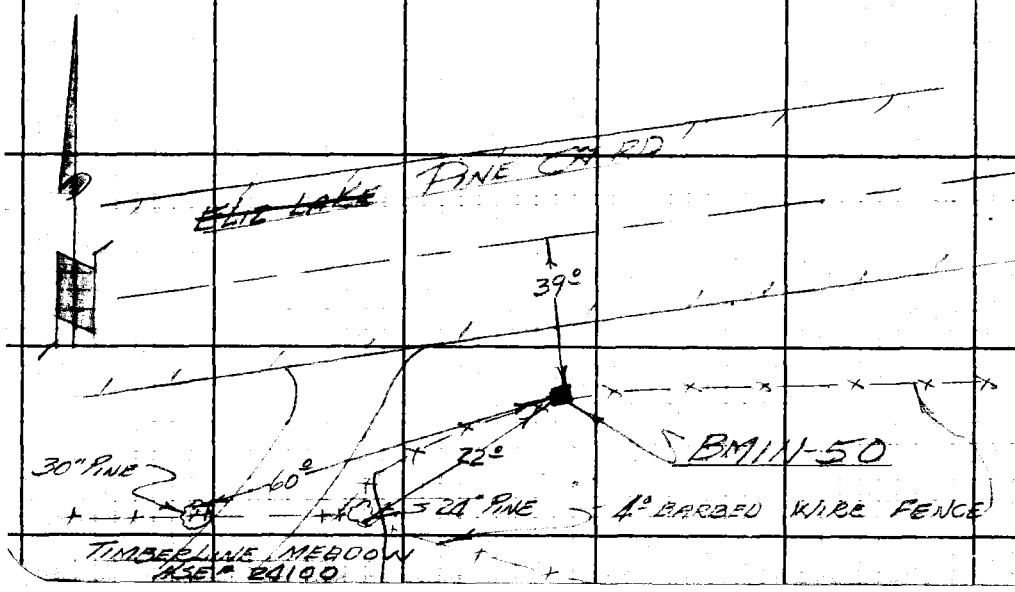
Do not extend this side of this line.

76F3098 S&E #247 11-58

F. B. 2437 PG 62 70 W P.O

BM 111-50

ANTELOPE VALLEY - LAKE HUGHES AREA
70W. OF P.O. ON ~~ELIZ LAKE~~ PINE CN RD S. SIDE,
39° S. OF CTR OF RD., E OF DIRT RD TO
TIMBERLANE MEADOW ASE#24100, 22° NE'LY
OF 24" PINE & 60° NE'LY OF 30" PINE, SET
A STD CO ENGR BM BRASS CAP MON
MKD "BM 111-50 1960 RE 5867" IN A
12" CONC POST UP 6" & 2° S. OF A
WHITE WITNESS POST



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

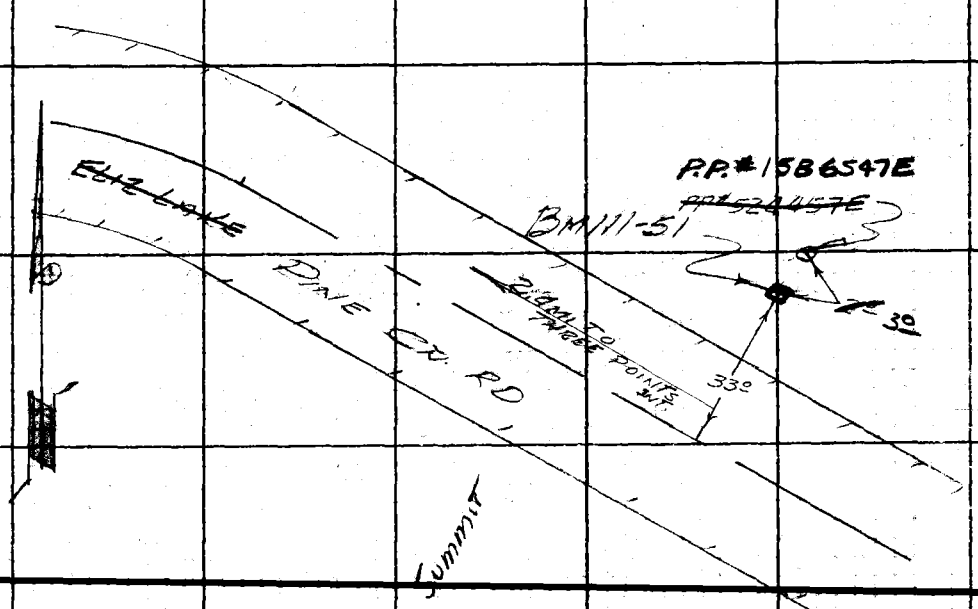
Notes Ck'd by	Survey of C.A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 3-30-60
Date	Indexed A. C. Johnson

F. B. 2437 PG. 63

7.5 MI. WP 2 SO

BM 111-51

ANTELOPE VALLEY - 7.5 MI. W. OF LAKE HUGHES P.O., ON ~~ELIZ LAKE~~ PINE CN RD, (N. SIDE). 33° N'LY FROM CTR. OF PAVED RD. & 3° S'LY FROM PP# ~~5244576~~ 1586547E, 2.4 MI. E. OF THREE POINTS INT. — SET A STD. CO. ENGR BM BRASS CAP MON. MK'D "BM 111-51 1960 RE 5869" IN A 12" CONC POST UP 6" & 2° N'LY OF A WITNESS POST.



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

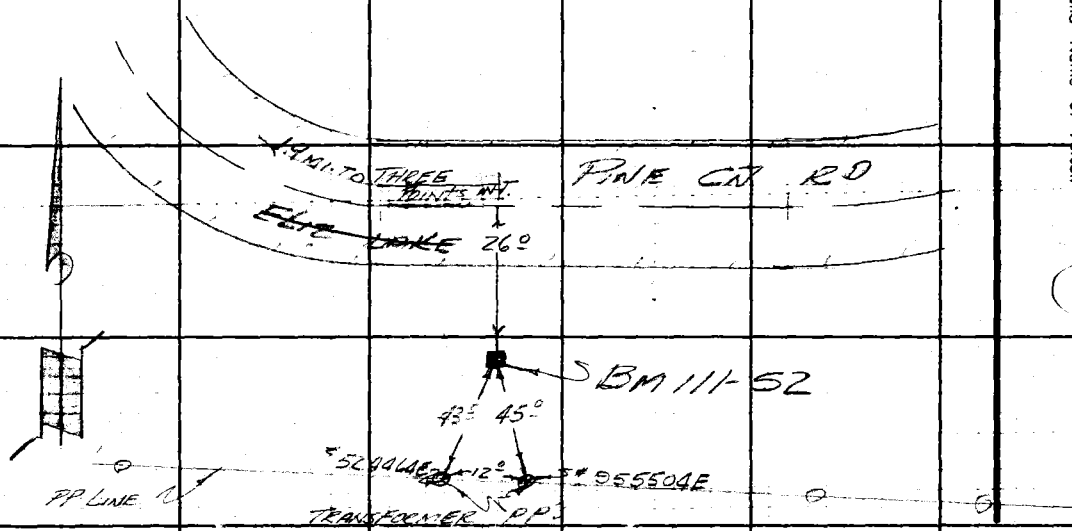
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

76F3095 S&E #247 11-58

F. B. 2437 PG 64
2.0 PD W.P. No.

BM 111-52

ANTELOPE VALLEY - TWEEDY LAKE AREA
8.0 W. OF LAKE HUGHES P.O. & 1.9 E'LY FROM
THREE POINTS INT. ON ~~ELIZ LAKE~~ PINE CN RD, 26° S. OF CTR
OF PAVED RD & 43° & 45° FROM PP#'S 524464E &
955504E RESPECTIVELY — SET A STD CO ENGR
BM BRASS CAP MON MKD "BM 111-52 1960
RE 5869" IN A 12" CONC POST UP 4" &
2° S. OF A WHITE WITNESS POST.



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

Do not extend this side of this line.

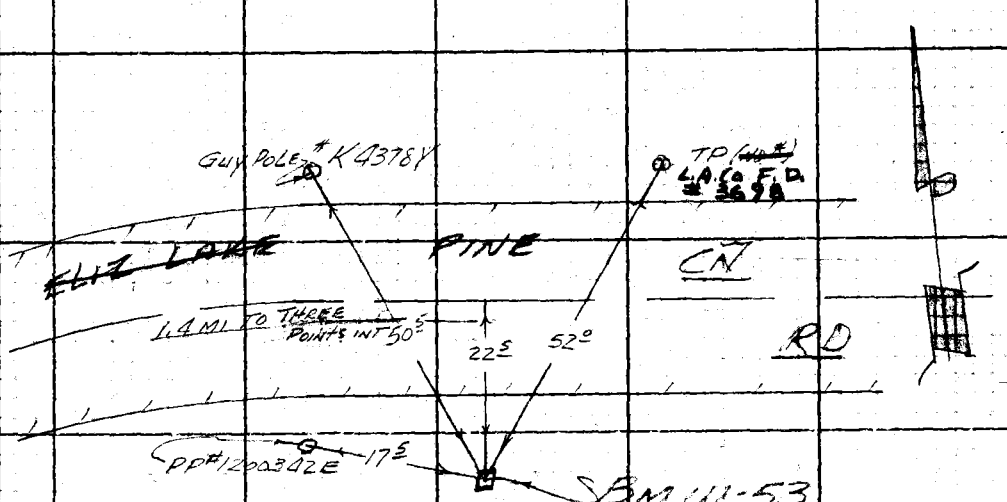
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of	F. B. 2437 PG. 65
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A C GUIZADO	
Checked	Notes ACG Date 3/30/60	
Date	Indexed A. C. Johnson	

L.A. CO. PRECISE LEVEL NET

BM 111-53

ANTELOPE VALLEY - TWEEDY LAKE AREA, 1.4 MI E OF THREE POINTS INT., ON ~~ELIZ LAKE~~ PINE CN RD., 22.5 S. OF CTR. OF PAVED RD, 17.5 E. OF PP# 1200342E L.A.Co.F.D. 3698 50.5 S'LY FROM G.P.# K4378Y & 52.0 S'LY FROM TP (~~No.~~) SET A STD CO. ENGR. BM BRASS CAP MON MK'D "BM 111-53 1960 RE 5869" IN A 12" CONC. POST UP 4" & 2.0 S. OF A YELLOW WITNESS POST.



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

PLEASE RETURN TO LOS ANGELES COUNTY ENGINEER 700 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

76F3698 S&E #247 11-58

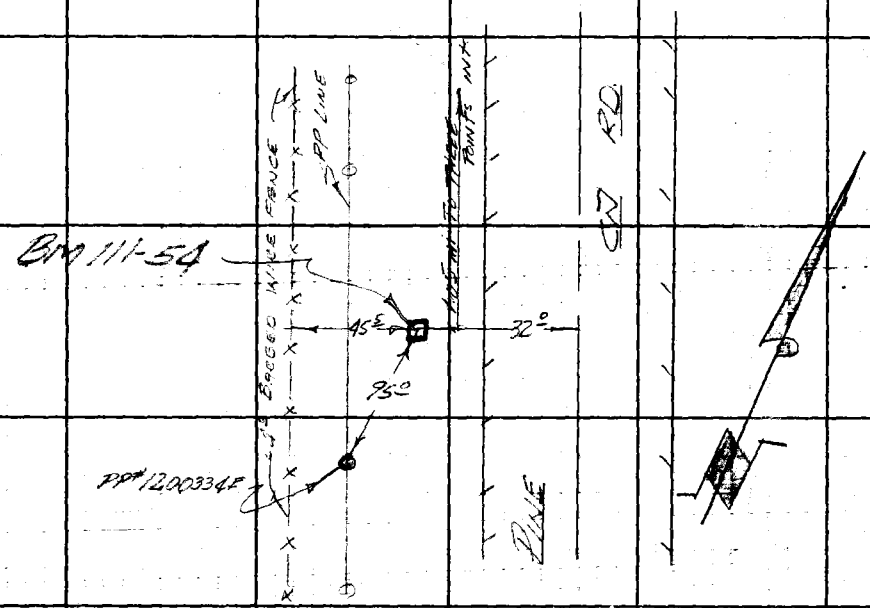
F. B. 2437 PG. 66

BM 111-54 (K-23-1929) U.S. 1485

ANTELOPE VALLEY — THREE POINTS AREA 1.05 MI E. OF INT. OF PINE CN Rd & THREE POINTS Rd; 0.2 MI. W. OF Rd TO DEER Lodge, 400' W. OF NW COR OF 12' CHAIN LINK FENCE, ON PINE CN RD, 32° W'LY FROM CTR. OF PAVED RD, 45° E'LY FROM 4° BARBED WIRE FENCE & 95'± N'LY FROM PP# 1200334, Fd A CONC POST W/BRONZE TABLET MK'D "K-23-1929" UP ABOUT 6"

REF. U.S. Gov't Sheet #73

A U.S.G.S. 3 1/2" Br. disk on a 6" Conc. post set in Cooperation with L.A. County, Stamped "K 23, 1929" RCB 1/16/69



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

F. B. 2437 PG. 66 1.05 mi 3 pls

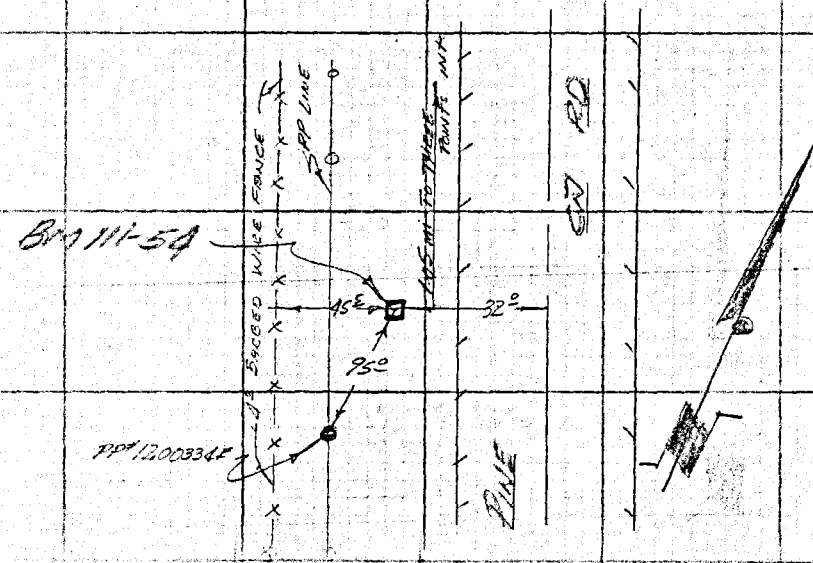
BM 111-54 (K-23-1929) U.S. 1485

ANTELOPE VALLEY — THREE POINTS AREA 1.05 MI. E. OF INT. OF PINE CN Rd & THREE POINTS Rd; 0.2 MI. W. OF Rd TO DEER LODGE, 400' W. OF NW COR OF 12' CHAIN LINK FENCE, ON PINE CN RD, 32° W'LY FROM CTR. OF PAVED RD, 45° E'LY FROM 4° BARBED WIRE FENCE & 95'± N'LY FROM PP# 1200334, Fd A CONC POST W/BRONZE TABLET MK'D "K-23-1929" UP ABOUT 6"

REF. US GOV'T SHEET #73

U.S. GS. in Coop with LA Co

K-23
1929



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

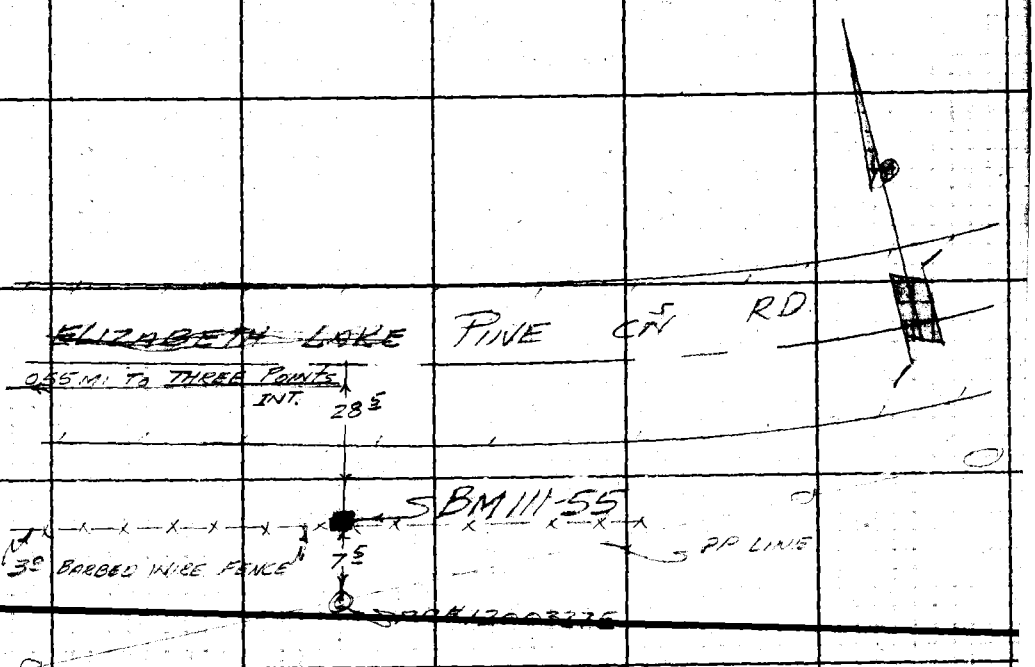
Do not extend this side of this line.

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	C.A. CO. PRECISE LEVEL NET	F. B. 2437 Pg. 67
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes ACG Date 3/30/60	
Date	Indexed A. C. Johnson	

BM111-55

ANTELOPE VALLEY - 0.55 MI E OF THREE POINTS - ON ~~ELIZ LAKE~~ PINE CN RD., 28.5 S OF CTR. OF PAVED RD & 7.5 N. OF PP#1200327E - SET A STD CO. ENGR BM BRASS CAP MON. MK'D "BM 111-55 1960 RE5869" IN A 12" CONC POST UP 6" & 2.0 S. OF A WHITE WITNESS POST



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

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

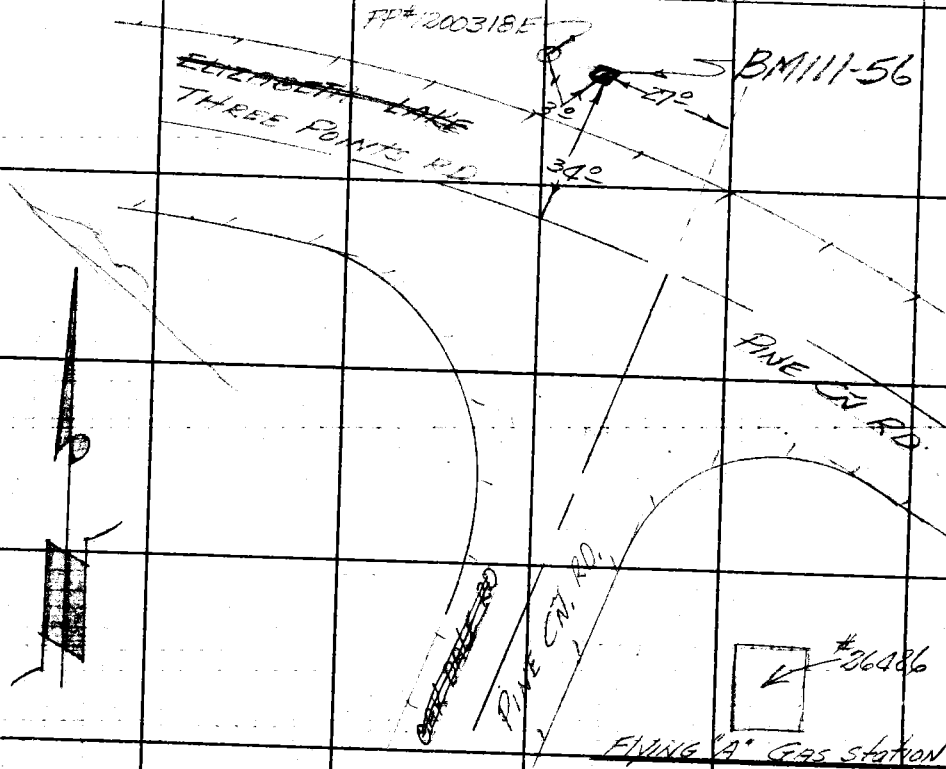
Do not extend this side of this line.

76F3008 S&E #247 11-58

F. B. 2437 PG. 68

BM 111-56

ANTELOPE VALLEY — THREE POINTS ~~ELIZABETH LAKE~~ PINE CN RD & ~~OAK~~ Three Points Rd ~~DALE RD~~, 30° N'ly FROM CTR OF ELIZ. LAKE PINE CN RD & 27° W'ly FROM CTR OF OAK DALE RD PRODUCED N'ly & 3° E'ly FROM FP# 1200318E — SET A STO. CO. ENGR BM BRASS CAP MON MKD "BM 111-56 1950 RE 5867" IN A 12" CONC POST UP 6" & 2° W'ly OF A WITNESS POST



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

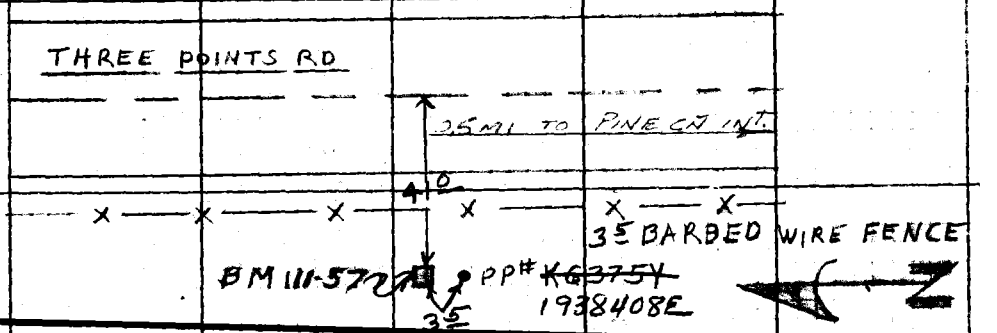
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of	F. B. 2437 Pg. 69
Map No.	JN 030102 Tape Std °F	
Office Work	Surveyed by A C GUIZADO	
Checked	Notes ALG Date 4-11-60	
Date	Indexed A. C. Johnson	

C.A. CO. PRECISE LEVEL NET

BM 111-57

ANTELOPE VALLEY — THREE POINTS AREA
0.5 MI N'LY FROM INT OF PINE CN Rd ON
THREE POINTS Rd 0.15 MI N'LY FROM dirt
Rd TO © RANCH # 47401 ON W. SIDE OF 1938408E
Rd, 41° W OF CTR OF Rd & 3.5 S. OF PP# ~~K6375Y~~
SET A STD CO. ENGR BM BRASS CAP MON
MK'D "BM 111-57 RE5869 1960" IN A 12"
CONC. post up 6"



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 this side of this line.

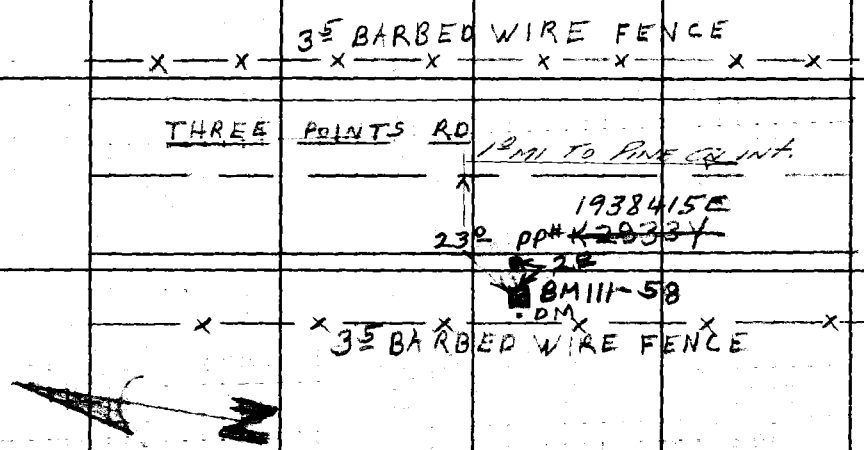
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3005 S&E #247 11-58

F. B. 2437 PG. 70

BM111-58

ANTELOPE VALLEY - THREE POINTS AREA
1º MI N'LY OF PINE CN INT. ON THREE
POINTS RD, 0.10 MI N. Westerly FROM HSE #47767 -
23º W. OF CTR. OF PVMT & 2º W. OF PP# ~~K-2933Y~~ 1938415E
SET A STD CO. ENGR. BM BRASS CAP MON
MK'D "BM111-58 1960 RE5869" IN A 12"
CONC POST UP 6"



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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
Map No.
Office Work
Checked
Date

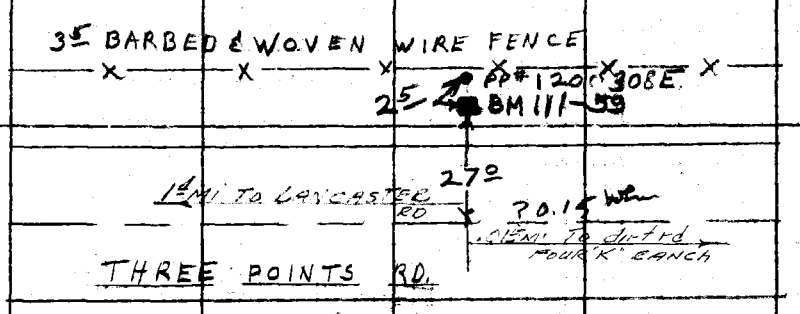
L.A. CO. PRECISE LEVEL NET

JN 0301.02 Tape Std °F
Surveyed by A.C. GUIZADO
Notes A.L.C. Date 4-11-60
Indexed A. C. Johnson

F. B. 2437 Pg. 71

BM 111-59

ANTELOPE VALLEY & THREE POINTS AREA
1¼ MI S. OF LANCASTER RD & .015 MI N. OF
dirt rd to FOUR "K" RANCH, 27° E FROM CTR OF
RWY & 2° E OF PP# 1200308E, SET A STD
CO. ENGR. BM BRASS CAP MON MKD "BM
111-59 1960 RE 5867" IN A 12" CONC
POST UP 6" ON THREE POINTS RD



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 this side of this line.

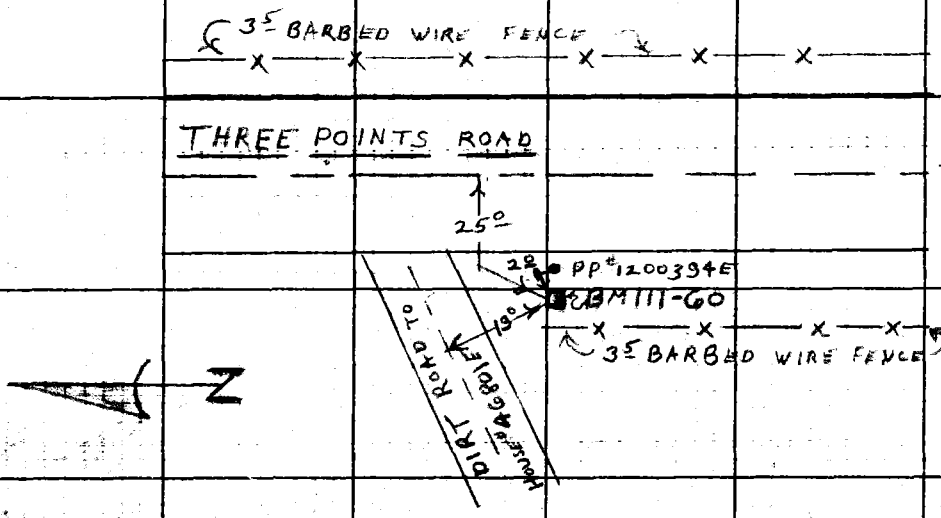
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3088 SSE #247 11-58

F. B. 2437 PG 72

BM 111-60

ANTELOPE VALLEY & THREE POINTS AREA
0.8 MI. S. OF LANCASTER RD ON THREE
POINTS Rd. ON W. SIDE, 25° W. OF CTE
PUMP # & 2° W. OF PP# 1200394E & 19° S'LY
FROM DIRT RD TO HSE #46801, SET A STD
CO. ENGR BM BRASS CAP MON MK'D
BM 111-60 RE5339 1960" IN A 12" CONC
POST UP 6"

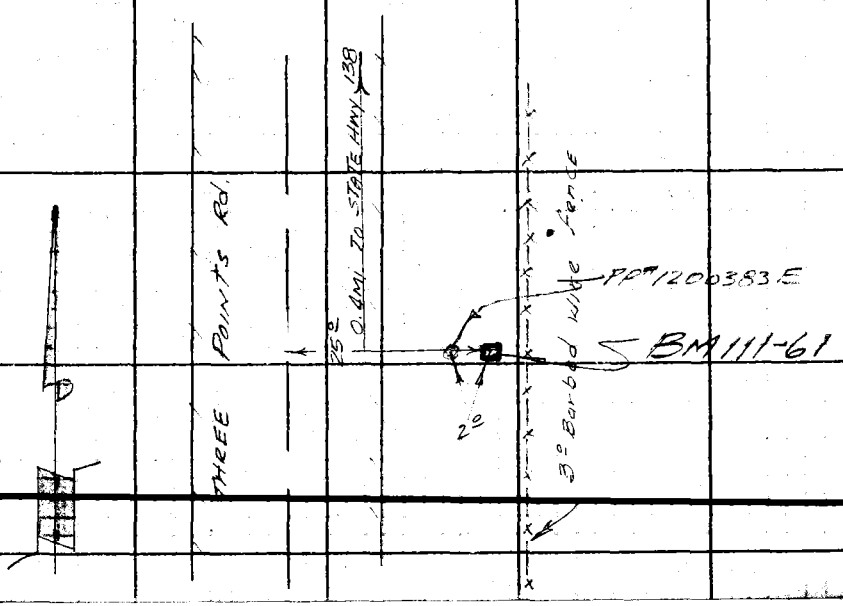


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NE	F. B. 2437 Pg. 73
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by A. C. GUIZADO	
Checked	Notes ACG Date 4-11-60	
Date	Indexed A. C. Johnson	

BM 111-61

ANTELOPE VALLEY - THREE POINTS Rd; 0.4 MI S. OF STATE HWY 138; 25° E. OF CTR OF PAVED Rd & 2° E. OF PP# 1200383E; SET A STD CO ENGR BM. BRASS CAP MON. MK'D "BM 111-61 1960 RE5869" IN A 12" CONC POST, UP 6" & 1° W. OF 3° BARBED WIRE FENCE



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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

76F3095 S&E #247 11-58

F. B. 2437 PG 74

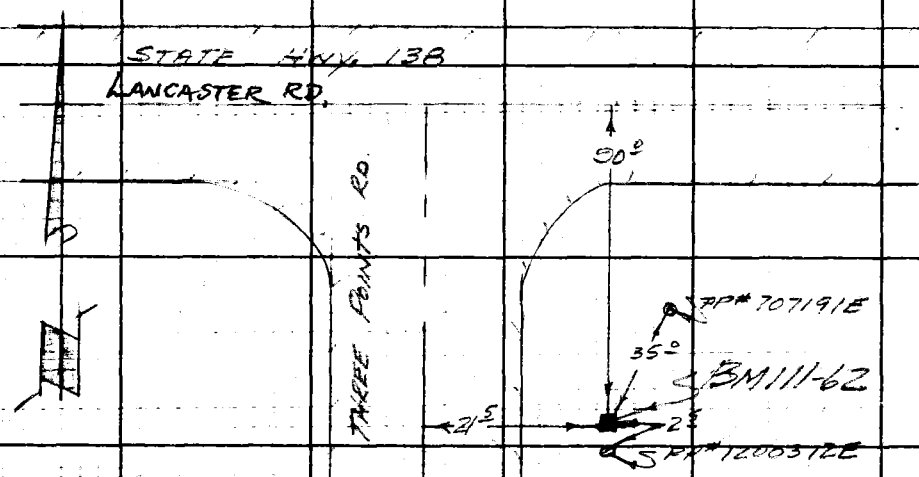
BM 111-62

ANTELOPE VALLEY — STATE HWY 138 E
THREE POINTS RD (APPROX 265° W) S.E. COR.
90° S & 21 E FROM CTR. OF PAVED
ROADS, 2 E N. OF PP 1200372 E & 35° S'LY FROM
PP# 707191 E — SET A STD CO. ENGR. BM
BRASS CAP MON MKD "BM 111-62 1960
RE 6869" IN A 12" CONC. POST UP 6" E
2 S. OF A WITNESS POST.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by ~~L.A.Co.~~ G.E. DREIER
Checked	Notes Date SEPT. 1972
Date	Indexed D. BAILEY NOV 1 1972

F. B. 2437 PG. 75

JOB NO. 0301.02

L.A.Co. PRECISE LEVEL NET

LINE NO. 111 SEPT. 1972 RELEVELING.

DESCRIPTION REF.
F.B. 2437-5 TO 74
F.B. 3723-7 TO 168

CONTINUED IN F.B. 4125-101 TO 168

FOR DETERMINATION OF "C" SEE F.B. 4125-131

DREIER
GOBLE
MALDONADO
SIEMANN
OHASHI
McKNIGHT

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 this side of this line.

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309 CE#310 3-69

ROUTTE SKETCH LINE NO. 111

1972 RELEVELING

F. B. 2437 PG. 76

10th ST. W.

AVE. Q

ELIZABETH LAKE RD.

GOODE HILL RD.

CONT LOWER LEFT

B.M. 110-5
F.B. 2425-10

B.M. 111-1
F.B. 2437-9

B.M. 111-2
F.B. 2437-10

B.M. 111-2A
F.B. 1834-15

25th ST. W.

B.M. 111-3
F.B. 2437-11

B.M. 111-4
F.B. 2437-12

B.M. 111-4A
F.B. 2437-13

B.M. 111-4B
F.B. ~~111-4B~~ 1834-18

B.M. 111-5
F.B. 2437-15

B.M. 111-6
F.B. 2437-16

B.M. 111-7B
F.B. ~~3423~~-28

B.M. 111-8
F.B. 2437-19

B.M. 111-9
F.B. 2437-20

B.M. 111-10
F.B. 2437-21

B.M. 111-10A
F.B. ~~2437-21~~ 1834-29

B.M. 111-11A
F.B. 2437-22

B.M. 111-11
F.B. 2437-23

B.M. 111-11B
F.B. 1834-31

B.M. 111-12
F.B. 2437-24

CONT. AT UPPER RIGHT

B.M. 111-13
F.B. 2437-24

B.M. 111-13A
F.B. 1834-35

B.M. 111-14
F.B. 2437-26

B.M. 111-14A
F.B. 1847-40

B.M. 111-14B
F.B. 1834-36

B.M. 111-15
F.B. 2437-27

B.M. 111-16
F.B. 2437-28

B.M. 111-17
F.B. 2437-29

B.M. 111-18
F.B. 2437-30

B.M. 111-19
F.B. 2437-31

B.M. 111-20
F.B. 2437-32

B.M. 111-21
F.B. 2437-33

B.M. 111-22, F.B. 2437-34

B.M. 111-23, F.B. 2437-35

B.M. 111-24, F.B. 2437-36

B.M. 111-25, F.B. 2437-37

B.M. 111-26, F.B. 2437-38

ELIZABETH LAKE RD.

CONT. TOP PAGE 77

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	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 9-18-72
Date	Indexed G.D. BAILEY NOV 1 1972

F. B. 2437 PG. 77

CONT. LOWER CENTER PAGE 76

ROUTE SKETCH
CONT., 1972

B.M. 111-27
F.B. 2437-39

B.M. 111-28
F.B. 2437-40

B.M. 111-29
F.B. 2437-41

JOHNSON RD.

SAN FRANCISQUITO CN. RD.

B.M. 111-30
F.B. 2437-42

B.M. 111-30A
F.B. 1847-70

B.M. 111-31
F.B. 2437-43

B.M. 111-31A
F.B. 1847-73

MUNZ RANCH RD.

B.M. 111-32, F.B. 2437-44

B.M. 111-32A F.B. 3723-97

B.M. 111-33 F.B. 2437-45

B.M. 111-33B, F.B. 3723-102

ELIZABETH LAKE

ELIZABETH LAKE ROAD

B.M. 111-34 F.B. 2437-46

B.M. 111-35 F.B. 2437-47

B.M. 111-36, F.B. 2437-48

B.M. 111-37A F.B. 3723-115

LAKE HUGHES

B.M. 111-38 F.B. 2437-50

LAKE HUGHES RD.

B.M. 111-39 F.B. 2437-51

B.M. 111-40 F.B. 2437-52

CONT. TOP PAGE 78

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 this side of this line.

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

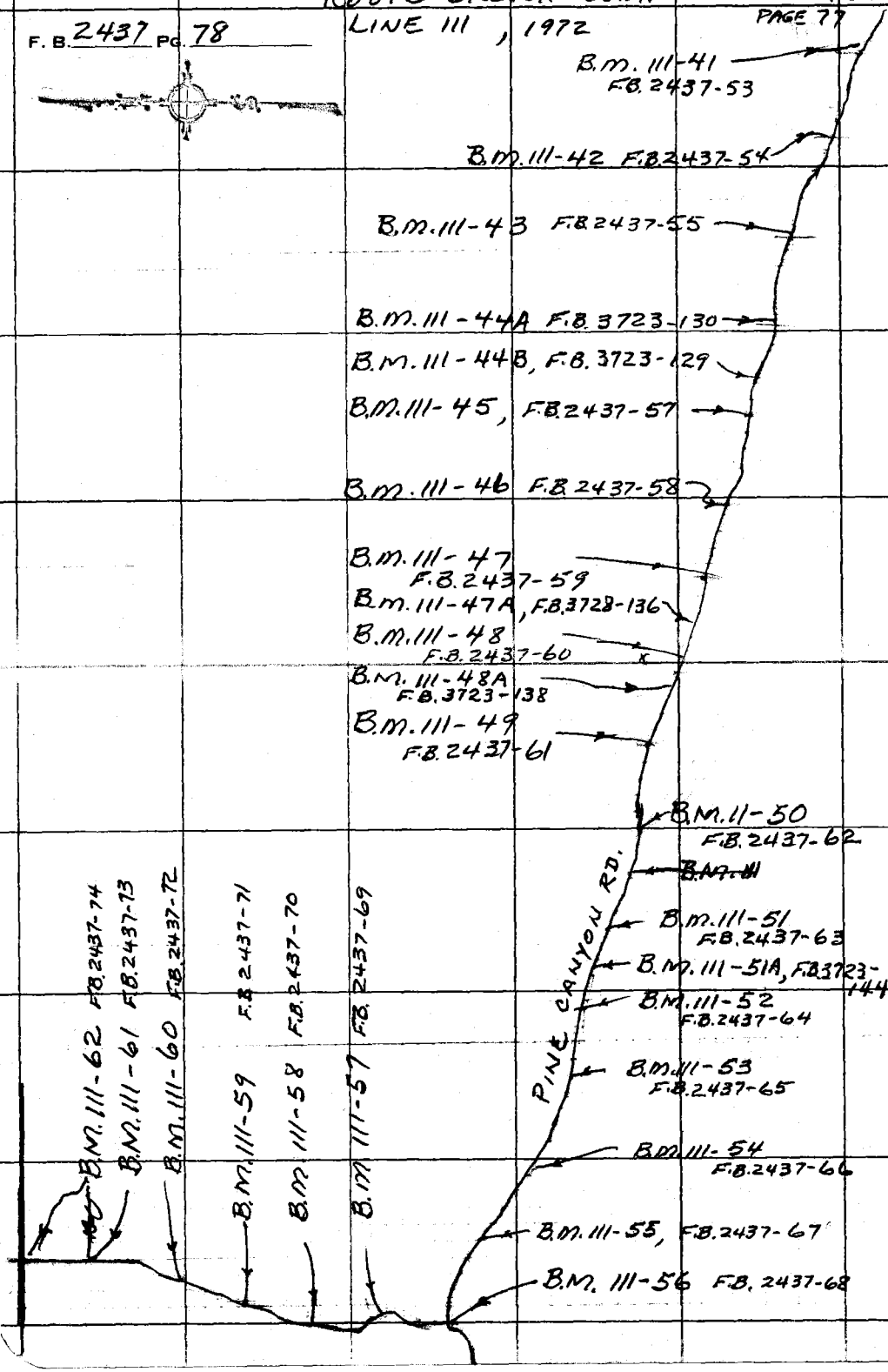
76F3095 CE#310 3-69

ROUTE SKETCH CONT.

LINE 111, 1972

F. B. 2437 PG. 78

CONT. BOTTOM PAGE 77



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.

76P526 CE # 308 8-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET 95°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 8-29-72 WEATHER SCAT. CLOUDS-CALM
INDEXED T. M. PALMERI DATE SEP 11 72 TIME 10:30 INST. NO. 96716
NOTES CHKD. [illegible] DATE 9-14-72 ROD NO. 1713A-B

F.B. 2437 PG. 79

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS FROM B.M. 110-5 TO B.M. 111-1
B.M. 110-5											B.M. 110-5
1	272	580	573 5	293 251	42	64	012	365 5	86 42	44	AVE. Q & 10th ST. W. (ELIZABETH LAKE RD & PALMDALE BLVD.
											SEE F.B. 2425-10
2	231	893	532 5	259 203	56	40	118	341 5	69 13	56	
					98					100	
3	287	822	588 5	287 ½ 255	64	3	417	304 5	35 ½ 3	64	⊼ A. GOBLE
					162					164	
4	262	692	563 5	283 241	42	17	312	318 5	37 -3	40	
					204					204	
5	220	228	521 5	250 190	60	38	452	339 5	68 8	60	
					264					264	
6	277	673	578 5	301 253	48	25	212	326 5	49 1	48	
					312					312	
7	276	133	577 5	295 257	38	25	490	326 5	44 6	38	
					350					350	
8	274	492	575 5	291 257	34	44	528	345 5	61 27	34	
					384					384	
9	254	548	555 5	268 240	28	106	988	407 5	120 92	28	
					412					412	
B.M. 111-1										412	B.M. 111-1 (¼ COR 21, 28 T6N R12W
	2358	061				365	529			824	ELIZABETH LAKE RD, 0.5 MI. W. OF 10th ST. W.
	365	529									SEE F.B. 2437-9
	+1992	532									

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-1 TO B.M. 110-5
B.M. 111-1									B.M. 111-1 (1/4 COR)
1	45	463	346 5	70 / 45 / 50	283	812	584 5	301 / 265 / 36	ELIZABETH LAKE RD. 0.5 MI. W. OF 10th ST. W.
									SEE F.B. 2437-9
2	12	133	313 5	33 / 12 / 44	300	648	601 5	300 / 277 / 46	
3	64	730	365 5	82 / 46 / 94 / 36	289	567	590 5	289 / 266 / 82 / 46	⊼ A. GOBLE
4	13	963	314 5	43 / 13 / 130 / 60	275	903	576 5	306 / 244 / 128 / 62	
5	33	515	334 5	61 / 5 / 190 / 56	284	300	585 5	284 / 256 / 190 / 56	
6	66	820	367 5	88 / 44 / 246 / 44	265	868	566 5	287 / 243 / 246 / 44	
7	10	070	311 5	40 / 10 / 290 / 60	266	530	567 5	297 / 235 / 290 / 62	
8	61	488	362 5	88 / 34 / 350 / 54	250	572	551 5	277 / 223 / 352 / 54	
9	139	203	440 5	146 / 132 / 504 / 14 / 418	222	908	523 5	229 / 215 / 406 / 14 / 420 / 418	
	447	385			2440	108		838	
B.M.					447	385			
					1992	723			

F.B. 2437 PG. 80

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-1-72

INDEXED I. M. PALMERI DATE

JOB NO. 0301.02

WEATHER BREEZE 86°

TIME 1:15

NOTES CHKD LM

INST. NO. 96716

ROD NO. 1713A-B

DATE 9-14-72

76P52 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS 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 L.A. CO. PRECISE LEVEL NET 98°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 8-29-72
INDEXED T. M. PALMERI DATE SEP 11 72
WEATHER SCAT CLOUDS-CALM INST. NO 96716
TIME 11:00 TO 11:30 ROD NO 1713A-B
NOTES CHKD RM DATE 9-14-72

F.B. 2437 PG. 81

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-1 TO B.M. 111-2
B.M. 111-1									B.M. 111-1
1	224	675	525 5	245 203 42	131	958	432 5	151 111 40	ELIZABETH LAKE RD. 0.5 MI. W. OF 10th ST. W. SEE F.B. 2437-9
2	174	180	475 5	210 138 72 114	192	925	493 5	227 157 70 110	
3	83	527	384 5	120 46 74 188	203	272	504 5	237 167 70 180	A. GOBLE
4	136	523	437 5	173 99 74 262	112	310	413 5	153 71 82 262	
5	275	965	576 5	297 253 44 306	42	277	343 5	66 18 48 310	
6	192	345	493 5	223 161 62 368	245	348	546 5	277 213 64 374	
7	39	455	340 5	58 20 38 406	235	762	536 5	253 217 36 410 406	
	1126	670			1163	852		818	
B.M. 111-2					1126	670			B.M. 111-2 (SEC. COR.) ELIZABETH LAKE RD. & 20th ST. W. SEE F.B. 2437-10
					237	182			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 111-2 TO B.M. 111-1
B.M. 111-2									B.M. 111-2
1	254	785	555 5	265 243 22	103	788	404 5	114 92 22	ELIZABETH LAKE RD & 20th STW.
									SEE F.B. 2437-10
2	241	320	542 5	259 223 36 58	98	958	399 5	116 80 36 58	
3	166	652	467 5	201 131 70 128	297	048	598 5	297 264 66 124	⊼ A. GOBLE
4	29	702	330 5	60 -2 62 190	209	268	510 5	241 177 64 188	
5	181	327	482 5	208 154 54 244	130	077	431 5	157 103 54 242	
6	199	288	500 5	225 173 52 296	91	400	392 5	117 65 52 294	
7	200	755	501 5	228 172 56 352	155	988	456 5	182 128 54 348	
8	114	185	415 5	142 86 56 408	263	818	564 5	293 233 60 408 408	
	1388	014			1350	345		816	
B.M. 111-1	1350	345							
	+37	669							

F.B. 2437 PG. 82 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-1-72

INDEXED I. M. PALMERI DATE

WEATHER LT. BREEZE 90° INST. NO. 96716

TIME 11:10 ROD NO. 1713A-B

NOTES CHKD. AM DATE 9-14-72

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-1 TO B.M. 111-2
B.M. 111-1									B.M. 111-1 (1/4 SEC COR)
1	237	262	538 5	267 207 60	124	205	425 5	153 95 58	ELIZABETH LAKE RD. 0.5 MI. W. OF 10th ST. W.
									SEE F.B. 2437-9
2	146	648	447 5	174 118 56	190	683	491 5	217 163 54	
				116				112	RERUN
3	89	912	390 5	119 59 60	193	430	494 5	223 163 60	
				176				172	⊼ A. GOBLE
4	137	882	438 5	167 107 60	164	828	465 5	194 134 60	
				236				232	
5	224	588	525 5	253 195 58	23	238	324 5	51 -5 56	
				394				288	
6	245	907	546 5	274 216 58	155	353	456 5	187 123 64	
				352				352	
7	11	230	312 5	1/2 41 11 60	279	095	580 5	306 252 54	
				412				406	
								382	
								412	
	1093	429			1130	832			
B.M. 111-2					1093	429		818	B.M. 111-2 (SEC. COR)
									ELIZABETH LAKE RD. & 20th ST.
					-37	403			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 86°

SURVEY BY G.E. DREIER DATE 9-1-72 WEATHER LT. BREEZE INST. NO. 96716

NOTES BY DATE 9-1-72 TIME 2:00 ROD NO. 171

INDEXED T. M. PALMERI DATE SEP 11 72 NOTES CHKD RM DATE 9-14-72

F.B. 2437 PG. 83

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 111-2 TO BM 111-1
BM.111-2									BM 111-2 (SEC. COR)
1	282	840	583 5	299 / 265 34	70	093	371 5	87 / 53 34	ELIZABETH LAKE RD & 20TH ST. W. SEE F.B. 2437-10
2	246	525	547 5	279 / 213 66	187	378	488 5	220 / 154 66	
				100				100	RERUN
3.	9	393	310 5	143 / 129 68	273	122	574 5	305 / 241 64	⊼ A.L. GOBLE
				168				164	
4.	133	472	434 5	168 / 98 70	114	743	415 5	149 / 79 70	
				238				234	
5.	203	592	504 5	235 / 171 64	65	253	366 5	99 / 31 68	
				302				302	
6	188	172	489 5	223 / 153 70	202	210	503 5	237 / 167 70	
				372				372	
7	132	733	433 5	149 / 115 34	246	213	547 5	264 / 228 36	
				406				408	
B.M.111-1								406	B.M. 111-1
	1196	727			1159	012		814	ELIZABETH LAKE RD. 0.5 MI. W OF 10TH ST. W. SEE F.B. 2437-9
	1159	012							
+	37	715							

F.B. 2437 PG. 84 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE

SURVEY BY G.E. DREIER NOTES T. OHASHI 9-5-72

INDEXED T. M. PALMERI DATE

WEATHER CLOUDY INST. NO. 96716

TIME 10:00 — 10:30 ROD NO. 1773A-B

NOTES CHKD. [illegible] DATE 9-14-72

T = 82°

76P526 CE # 308 3-61

PLEASE RETURN TO

L. ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-1 TO B.M. 111-2
B.M. 111-1									B.M. 111-1 (SEC. COR.)
1	230	782	531 5	255 205 50	129	378	430 5	154 104 50	ELIZABETH LAKE RD. 0.5 MI. W OF 10TH ST. W. SEE. F.B. 2437-9
2	155	295	456 5	196 114 82	231	202	532 5	272 190 82	
				132				132	⊼. A.L. GOBLE
3	99	828	400 5	140 58 82	187	985	488 5	227 147 80	
				214				212	2nd RERUN
4	196	945	497 5	237 155 82	4	190	305 5	½ 44 4 80	
				296				292	
5	268	532	569 5	303 233 70	194	083	495 5	231 157 74	
				366				366	
6	18	442	319 5	39 -3 42	260	265	561 5	281 239 42	
				408				408	
B.M. 111-2								408	B.M. 111-2 (SEC. COR.)
	969	824			1007	103		816	ELIZABETH LAKE RD. & 20TH ST. W. SEE F.B. 2437-10
					969	824			
					37	279			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 9-5-72

INDEXED I. M. PALMERI DATE SEP 11 72

WEATHER CLOUDY T=82°

TIME 10:35-11:05

NOTES CHKD LM

INST. NO. 96716

ROD NO. 1713A&B

DATE 9-14-72

F.B. 2437 PG. 85

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-2 TO B.M. 111-1
BM. 111-2									B.M. 111-2 (SEC. COR.)
1	300	005	601 5	½ 300 276 48	35	968	336 5	60 10 50	ELIZABETH LAKE RD. & 20TH ST. W. SEE F.B. 2437-10
2	189	625	490 5	230 148 82	299	428	600 5	½ 299 261 76	2nd. RERUN
3	5	897	306 5	½ 46 5 130 82	164	762	465 5	206 122 126 84	⊼ A.L. GOBLE
4	199	858	500 5	235 163 212 72	80	357	381 5	116 44 210 72	
5	225	472	526 5	262 188 284 74	166	110	467 5	203 129 282 74	
6	118	277	419 5	142 94 358 48	255	108	556 5	280 230 356 50	
				406				406	
B.M. 111-1								406	B.M. 111-1 (SEC. COR.)
	1039	134			1001	733		812	ELIZABETH LAKE RD. 0.5 MI. W. OF 10TH. ST. W. SEE F.B. 2437-9
	1001	733							
+	38	401							

F.B. 2437 PG. 86

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET.

SURVEY BY G.E. DREYER NOTES T. OHASHI 9-5-72

INDEXED J. M. PALMERI DATE

WEATHER CLOUDY T = 82°

TIME 11:05-11:30

NOTES CHKD. RM

INST. NO. 96716

ROD NO. 1713 A&B

DATE 9-14-72

76P526 CE # 308 3-61

PLEASE RETURN TO
L. ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET 102
SURVEY BY G.E. DREIER DATE 8-29-72 WEATHER SCAT. CLOUDS INST. NO. 96716
NOTES BY G.E. DREIER TIME 11:30 TO 11:45 ROD NO. 17131-B
INDEXED T. M. PALMERI DATE SEP 11 72 NOTES CHKD KM DATE 9-14-72
F.B. 2437 PG. 87

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM B.M. 111-2 TO B.M. 111-2A
B.M. 111-2											B.M. 111-2
1	112	680	413	5	141 / 83 / 58	250	878	551	5	281 / 219 / 62	ELIZABETH LAKE RD. & 20th ST. WEST
											SEE F.B. 2437-10
2	64	809	365	5	88 / 40 / 48	209	091	510	5	235 / 183 / 52	
					106					114	T R. SIEMANN
3	40	470	341	5	44 / 36 / 8	148	640	449	5	149 / 147 / 2	
					114					116	
										114	
B.M. 111-2A	217 959					608 609				230	B.M. 111-2A (B.M. No. 5)
						217 959					ELIZABETH LAKE RD., 709 FT. W. OF 20th ST. W.
											SEE F.B. 1834-15
						390 650					
		RERUN		9-1-72		2:30		T. = 87°		BREEZE	
B.M. 111-2											
1	106	975	407	5	136 / 76 / 60	235	690	536	5	266 / 204 / 62	
2	39	771	340	5	62 / 16 / 46	176	341	477	5	199 / 153 / 46	
					106					108	
3	42	752	343	5	44 / 40 / 4	167	879	468	5	168 / 166 / 2	
					110					110	
										110	
	189 498					579 910				220	
B.M. 111-2A						189 498					
						390 412					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M.111-2A TO B.M.111-2
B.M.111-2A									B.M.111-2A (B.M. NO. 5)
1	266	055	567 5	275 257 18	144	977	445 5	153 135 18	ELIZABETH LAKE RD, 709 FT. W. OF 20 ST W.
									SEE F.B. 1834-15
2	234	490	535 5	252 216 36 54	71	592	372 5	90 52 38 56	
3	248	428	549 5	276 220 56 110	142	021	443 5	169 115 54 110 110	R. SIEMANN
	748	973			358	590		220	
B.M.111-2	358	590							B.M.111-2 (SEC COR) ELIZABETH LAKE RD
	+390	383							
	RERUN 9-5-72 - TEMP. 78° CLOUDY 9:55-10:00								
B.M. 111-2A									B.M.111-2A
1.	224	261	525 5	244 204 40	20	494	321 5	38 2 36	
2.	246	840	547 5	269 223 46 86	100	390	401 5	123 77 46 82	
3.	183	448	484 5	195 171 24 110	143	229	444 5	157 129 28 110 110	
B.M. 111-2									
	654	549			264	113		220	
	264	113							
	+390	436							

F.B. 2437 PG. 88

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-1-72

INDEXED T. M. PALMER DATE

WEATHER LT. BREEZE 89° INST. NO. 96716

TIME 11:10 ROD NO. 173A-B

NOTES CHKD RM DATE 9-14-72

76P526 CE # 308 3-61

PLEASE RETURN TO
L. ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR CKED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 8-29-72 TIME 11:45 WEATHER SLIGHT CLOUDS 94° INST. NO. 96716
INDEXED T. M. PALMER DATE SEP 11 72 NOTES CHKD. RM ROD NO. DATE 9-14-72
F.B. 2437 PG. 89

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM B.M. 111-2A TO B.M. 111-3
B.M. 111-2A				240					183		B.M. 111-2A (B.M. NO. 5)
1	206	010	507 5	172	68	151	000	452 5	119	64	ELIZABETH LAKE RD. 709 FT. W. OF 20 ST. W.
											SEE F.B. 1834-15
2	272	803	573 5	307 237	70	88	475	389 5	123 53	70	
					138					134	
3	131	010	432 5	171 91	80	238	290	339 5	279 197	82	T R. SIEMANN
					218					216	
4	133	900	434 5	169 97	72	182	933	483 5	215 149	66	
					290					282	
5	198	711	499 5	216 180	36	105	161	406 5	½ 128 105	46	
					326					328	
										326	
	942	434				765	859			654	
B.M. 111-3	765	859									B.M. 111-3
											ELIZABETH LAKE RD. & 25th ST. WEST.
											SEE F.B. 2437-11
	+176	575									
	RE-RUN T= 86° (9-5-72) Cloudy 1:05 – 1:30										
B.M. 111-2A											B.M. 111-2A
	191	272	492 5	214 168	46	155	769	456 5	178 132	46	
2	247	300	548 5	296 198	98 144	41	338	342 5	½ 90 41	98 144	
3	81	351	382 5	145 47	68	186	339	487 5	222 150	72	
					212					216	
4	89	126 ~~208~~	390 5	121 57	64	147	840	448 5	179 115	64	
					276					280	
5	196	741	497 5	222 170	52	97	899	398 5	½ 122 97	50	
					328					330	
	805	790				629	185			328	
B.M. 111-3	629	185								658	B.M. 111-3
+	176	605									

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-3 TO B.M. 111-2A
B.M. 111-3									B.M. 111-3
1	88	737	389 5	½ 119 / 88 62	224 ~~224~~	695	525 5	255 / 193 62	ELIZABETH LAKE RD. & 25th ST. WEST
									SEE F.B. 2437-11
2	240	430	541 5	276 / 204 72 / 134	71	527	372 5	206 / 36 70 / 132	
3	229	873	530 5	265 / 193 72 / 206	137	782	438 5	173 / 101 72 / 204	⊼ R. SIEMANN
4	24	017	325 5	46 / 2 44 / 250	236	130	537 5	258 / 214 44 / 248	
5	145	780	446 5	171 / 119 52 / 302	180	939	481 5	208 / 152 56 / 304	
6	161	660	462 5	172 / 150 22 / 324	216	305	517 5	228 / 204 24 / 328 / 324	
	890	497			1067	378		652	
B.M. 111-2A					890	497			B.M. 111-2A (B.M. NO. 5)
					176	881			ELIZABETH LAKE RD. 709 FT. W. OF 20th ST. W
									SEE F.B. 1834-15
	RE-RUN-CLOUDY T=90° (9-5-72) 1:30 – 2:00								
BM 111-3									
1.	95	068	396 5	½ 121 / 95 52 / 92	193	819	494 5	220 / 166 54 / 96	B.M. 111-3
2	169	151	470 5	215 / 123 144	23 ~~24~~	981	324 5	½ 71 / 23 150	
3	232	181	533 5	282 / 182 100 / 244	285	416	586 5	½ 285 / 235 100 / 250	
4.	50	998	351 5	92 / 8 84 / 328	221	033	522 5	260 / 182 78 / 328	
	547	398			724	249			
B.M. 111-2A					547	398		328	B.M. 111-2A
					176	851		656	

F.B. 2437 PG. 90

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-1-72

INDEXED T. M. PALMERI DATE

JOB NO. 0301.02

WEATHER SLIGHT BREEZE INST. NO. 96716

TIME 10:45 ROD NO. 1713A-B

NOTES CHKD. LM DATE 9-14-72

90°

76P526 CE # 308 3-61

PLEASE RETURN TO
L. ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREUER
NOTES BY T. OHASHI
INDEXED J. M. PALMERI
DATE 9-5-72
DATE SEP 11 72
WEATHER CLOUDY
TIME 2:00 - 2:15
NOTES CHKD KM
INST. NO 96716
ROD NO 1713 A&B
DATE 9-14-72
T = 88°
F.B. 2437 PG. 91

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 111-2A TO B.M. 111-3
BM. 111-2A													B.M. 111-2A (B.M. #5)
1	217	419	518	5	256 178	78	120	527	421	5	162 78	84	ELIZABETH LAKE RD. 709 FT. W OF 20TH ST. W.
													SEE F.B. 1834-15
2	250	191	551	5	293 207	86	114	190	415	5	½ 154 114	80	
						164						164	
3	25	584	326	5	½ 76 25	102	167	788	468	5	218 116	102	π R. SIEMANN, 2ND RE-RUN
						266						266	
4	174	121	475	5	295 183	62	88	028	389	5	½ 120 88	64	
						328						330	
BM 111-3												328	B.M. 111-3
	667	315					490	533				658	ELIZABETH LAKE RD. & 25TH ST. W.
	490	533											SEE F.B. 2437-11
+	176	782											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 111-3 TO BM 111-2A
BM. 111-3									B.M. 111-3
1.	87	371	388 5	½ 119 87 64	172	909	473 5	204 140 64	ELIZABETH LAKE RD. 25TH ST. W.
									SEE F.B. 2437-11
2.	213	678	514 5	263 163 100	60	280	361 5	96 24 72	
				164				136	2nd RE-RUN
3.	130	990	431 5	179 81 98	268	440	569 5	½ 268 208 120	⊼ R. SIEMANN
				262				256	
4.	106	023	407 5	140 72 68	213	303	514 5	248 178 70	
				330				326	
B.M. 111-2A								330	B.M. 111-2A (BM#5)
	538	062			714	932		656	ELIZABETH LAKE RD. 709 FT. W. OF 20TH ST. W.
					538	062			SEE F.B. 1835-15
					176	870			

F.B. 2437 PG. 92

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 9-5-72

INDEXED J. M. PALMERI DATE

JOB NO. 0301.02

WEATHER Cloudy T=82°

TIME 2:25-3:00

NOTES CHKD. RML

INST. NO. 96716

ROD NO. 1713 A&B

DATE 9-14-72

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 8-29-72 WEATHER SCAT. CLOUDS INST. NO 96716
NOTES BY G.E. DREIER TIME 1:00 TO ROD NO 173A-B
INDEXED T. M. PALMER DATE SEP 11 '72 NOTES CHKD [illegible] DATE 9-14-72

F.B. 2437 PG. 93

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
	235				338				From B.M. 111-3 To B.M. 111-4
B.M. 111-3									B.M. 111-3
	301	868	602 5	½ 301 / ½ 285 32	14	521	315 5	30 / -2 32	ELIZABETH LAKE RD. & 25th St. WEST
									SEE F.B. 2437-11
2	301	201	602 5	½ 301 / ½ 290 22	42	092	343 5	52 / 32 20	
3	291	610	592 5	½ 291 / ½ 221 54 / 40 94	65	030	366 5	86 / 44 42 / 52 94	T R. SIEMANN
4	251	923	552 5	281 / 221 60	204	017	505 5	235 / 173 62	
5	126	528	427 5	167 / 85 82 / 154	183	749	484 5	225 / 141 84 / 156	
6	4	401	305 5	½ 43 / ½ 4 78 / 236	202	511	503 5	241 / 163 78 / 240	
7	174	830	475 5	203 / 145 58 / 314	108	778	409 5	138 / 78 60 / 318	
8	208	677	509 5	239 / 177 62 / 372	146	931	447 5	173 / 119 54 / 378	
				434				432 / 434 / 866	
	1661	038			967	629			
B.M. 111-4	967	629							B.M. 111-4
									ELIZABETH LAKE RD. 0.5 mi. W. OF 25th St.
	+693	409							SEE F.B. 2437-12

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.111-4 TO B.M.111-3
B.M.111-4									B.M.111-4
1	159	960	460 5	192 126 66	206	150	507 5	241 171 70	ELIZABETH LAKE RD, 0.5 MI. W. of 25th ST. W. SEE F.B. 2437-12
2	109	772	410 5	145 73 72	124	540	425 5	160 88 72	
3	275	352	576 5	275 ½ 240 138 70	122	301	423 5	155 89 142 66	R. SIEMANN
4	199	581	500 5	235 163 208 72	138	438	439 5	174 102 208 72	
5	188	890	489 5	218 158 280 60	209	890	510 5	240 178 280 62	
6	22	675	323 5	49 ½ 22 340 54	298	102	599 5	298 ½ 274 342 48	
7	5	550	306 5	14 ½ 5 394 18	297	788	598 5	297 ½ 286 390 22	
8	20	111	321 5	34 6 412 28	278	301	579 5	292 264 412 28	
				440				440	
								440	
	981	891			1675	510		880	
B.M.111-3					981	891			B.M.111-3
					693	619			ELIZABETH LAKE RD. & 25th ST. WEST SEE F.B. 2437-11

F.B. 2437 PG. 94

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-1-72

INDEXED I. M. PALMER DATE

JOB NO. 0301.02

WEATHER CALM 87° INST. NO. 96716

TIME 10:15 TO 10:45 ROD NO. 1713A-B

NOTES CHKD. [illegible] DATE 9-14-72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 111-4 TO B.M. 111-4B
B.M. 111-4									B.M. 111-4
									ELISABETH LAKE RD. 0.5 MI. W. OF 25TH ST.
1	242	8 6 7	543 5	258 226 32	97	337	398 5	113 81 32	SEE F.B 2437-12
								32	π = DREIER
	97	3 37 ~~98~~						64	
B.M. 111-4B	~~145~~	~~469~~							B.M. 111-4B (B.M. NO. 7)
	+145	530							ELISABETH LAKE RD. 0.5 MI. W. OF 25TH ST. W. SEE F.B. 1834-18

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 8-29-72

INDEXED T. M. PALMERI DATE SEP 11 72

WEATHER CLOUDY

TIME 1:45 TO 1:50

NOTES CHKD RTM

INST. NO. 96716

ROD NO. 1713AB

DATE 9-14-72

T = 94°

F.B. 2437 PG. 95

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 111-4B TO B.M. 111-4
B.M. 111-4B									B.M. 111-4B (B.M. NO. 7)
1	86	674	387 5	102 70 32	232 173	533 5		248 216 32	ELISABETH LAKE RD. 0.5 MI. W. OF 25TH ST. W. SEE F.B. 1834-18
									T - DREIER
					86 674			32	
B.M. 111-4					- 145 499			64	B.M. 111-4
									ELISABETH LAKE RD. 0.5 MI. W. OF 25TH ST. W. SEE F.B. 2437-12

WEATHER CLEAR SUNNY INST. NO. 96716

TIME 10:10 TO 10:15 ROD NO. 17134B

NOTES CHKD JM DATE 9-14-72

T=86°

F.B. 2437 PG. 96 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-1-72

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-4B TO B.M. 111-4A
B.M. 111-4B									B.M. 111-4B (B.M. NO. 7)
1	142	611	443 5	176 108 68	141	675	442 5	177 105 72	ELISABETH LAKE RD. 0.5 MI. W. OF 25TH ST. W. SEE F.B. 1834-18
2	220	853	521 5	250 190 60	68	198	369 5	97 39 58	
				128				130	
3	244	994	545 5	267 221 46	86	352	387 5	110 62 48	π = DREIER
				174				178	
B.M. 111-4A								174	B.M. 111-4A (U.S.G.S. K-11)
	608	458			296	225		352	ELISABETH LAKE RD. 0.6 MI. W. OF 25TH ST. W. SEE F.B. 2437-13
	296	225							
	+312	233							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=94°

SURVEY BY G.E. DREIER WEATHER CLOUDY INST. NO. 86716

NOTES BY SIEMANN DATE 8-29-72 TIME 1:50 TO 2:10 ROD NO. 1713AB

INDEXED J. M. PALMERI DATE SEP 11 72 NOTES CHKD JM DATE 9-14-72

F.B. 2437 PG. 97

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 111-4A TO B.M. 111-4B
B.M. 111-4A									B.M. 111-4A (U.S. GS K-11)
1	75	276	376 5	102 48 54	252	357	553 5	279 225 54	ELISABETH LAKE RD. 0.6 MI. W. OF 25TH ST. W. SEE F.B. 2437-13
2	57	292	358 5	91 23 68	189	740	490 5	223 155 68	
				122				122	$\bar{\lambda}$ = DREIER
3	135	750	436 5	162 108 54	138	524	439 5	165 111 54	
				176				176	
B.M. 111-4B								176	B.M. 111-4B (B.M. NO. 7)
	268	318			580	621		352	ELISABETH LAKE RD. 0.5 MI. W. OF 25TH ST. W. SEE F.B. 1836-18
					268	318			
					312	303			

T = 86°

WEATHER CLEAR SUNNY INST. NO 96716

TIME 10:00 TO ROD NO 1713AB

NOTES CHKD JM DATE 9-14-72

F.B. 2437 PG. 98 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-1-72

INDEXED J. M. PALMERI DATE

76P525B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-4A TO B.M. 111-5
B.M. 111-4A									B.M. 111-4A (U.S.G.S. K-11)
1	253	817	554.5	267 / 239 28	45	277	346.5	59 / 31 28	ELISABETH LAKE RD. 0.6 MI. W. OF 25TH ST. W. SEE F.B. 2437-13
2	285	640	586.5	300 / 270 30 / 58	41	860	342.5	56 / 26 30 / 58	
3	220	402	521.5	249 / 191 58 / 116	226	108	527.5	256 / 196 60 / 118	π = DREIER
4	~~52~~	~~022~~	~~353.5~~	~~98 / 6 92~~	140	012	441.5	177 / 103 74 / 192	
	67	177	368.5	104 / 30 ~~208~~ 74 / 190					
B.M. 111-5								190	B.M. 111-5
	827	036			453	257		382	ELISABETH LAKE RD. 1.0 MI. W. OF 25TH ST. W. SEE F.B. 2437-15
	453	257							
+	373	779							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 8-29-72

INDEXED J. M. PALMERI DATE SEP 11 '72

WEATHER CLOUDY

TIME 2:10 TO 2:25

NOTES CHKD KM

INST. NO 96716

ROD NO 1713AB

DATE 9-14-72

F.B. 2437 PG 99

T = 94°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-5 TO B.M. 111-4A
B.M. 111-5									B.M. 111 5
1	155	187	456 5	196 114 82	54	618	355 5	94 14 80	ELISABETH LAKE RD. 1.0 MI. W. OF 25TH ST. W. SEE F.B. 2437-15
2	205	052	506 5	236 174 62	300	481	601 5	1300 2269 62	
3	23	319	324 5	39 7 144 32	278	917	579 5	295 261 142 34	T = DREIER
4	84	412	385 5	93 75 176 18	207	821	508 5	216 198 176 18	
				194				194	
B.M. 111-4A								194	B.M. 111-4A (U.S.C.&G.S. K-11)
	467	970			841	837		388	ELISABETH LAKE RD. 0.6 MI. W. OF 25TH ST. W. SEEE F.B. 2437-13
					467	970			
					373	867			

T = 86°

WEATHER CLEAR SUNNY INST. NO. 96716

TIME 9:50 TO 10:00 ROD NO. 1713AB

NOTES CHKD. RM DATE 9-14-72

F.B. 2437 PG. 100 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-1-72

INDEXED J. M. PALMERI DATE

76P52 B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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.

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									From B.M. 111-5 To B.M. 111-6
B.M. 111-5									B.M. 111-5
1	241	133	542.5	270 212.58	77417	378.5	105 49.56		ELISABETH LAKE RD. 1.0. MI. W. OF 25TH ST W. SEE F.B. 2437-15
2	253271		554.5	280 226.54	3420	304.5	31 3.56		
3	247849		548.5	264 112 230.34 146	49112	350.5	65 33.32	112 144	π = DREIER
4	275671		576.5	286 264.22 168	6195	307.5	18 6.24	168	
B.M. 111-6								168 336	B.M. 111-6 (U.S.G.S. 2831) ELISABETH LAKE RD. NEAR BOT. OF RED COLORED HILL. SEE F.B. 2437-16 SEE F.B. 2437-16
	1017924				136144				
	136144								
	+881780								

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER CLOUDY INST. NO. 96716

NOTES BY SIEMANN TIME 2:25 TO 2:40 ROD NO. 17198 AB

INDEXED J. M. PALMERI DATE 8-29-72 NOTES CHKD KM DATE 9-14-72

DATE SEP 11 '72

T = 94°

F.B. 2437 PG. 10

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-6 TO B.M. 111-5
B.M. 111-6									B.M. 111-6
1	8	413	309 5	19 -3 22	271	470	572 5	284 258 26	ELISABETH LAKE RD. NEAR BOT OF RED COLORED HILL. SEE F.B. 2437-16
2	39	738	340 5	53 25 28 50	204	281	505 5	216 192 24 50	
3	8	555	309 5	31 8 46 96	271	502	572 5	294 248 46 96	π = DREIER
4	83	310	384 5	105 61 44 140	232	567	533 5	254 210 44 140	
5	144	071	445 5	157 131 26 166	186	117	487 5	198 174 24 164	
B.M. 111-5								166	B.M. 111-5
	284	087			1165	937		330	ELISABETH LAKE RD. 1.0 MI. W. OF 25TH ST. W. SEE F.B. 2437-15
					284	087			
					881	850			

T = 96°

WEATHER CLOUDY INST. NO. 96716

TIME 2:40 TO 3:00 ROD NO. 1713AB

NOTES CHKD. RM DATE 9-14-72

F.B. 2437 PG. 102 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-31-72

INDEXED T. M. PALMERI DATE

76P52 B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-6 TO B.M. 111-7B
B.M. 111-6									B.M. 111-6 (U.S.G.S. 2831)
	5	632	306 5	116 / 2 5 22	267	953	568 5	280 / 254 26	ELISABETH LAKE RD. & BOT. OF RED COLORED HILL. SEE F.B. 2437-16
2	140	210	441 5	169 / 111 58 / 80	275	463	576 5	306 / 244 62 / 88	
3	205	080	506 5	238 / 172 66 / 146	102	943	403 5	133 / 71 62 / 150	
4	170	959	471 5	207 / 133 74 / 220	167	250	468 5	203 / 131 72 / 222	
5	149	672	450 5	187 / 114 70 / 290	136	676	437 5	171 / 101 70 / 292	T = DREIER
6	202	145	503 5	243 / 161 82 / ~~108~~	84	428	385 5	125 / 43 82 / 374	
7	257	875	558 5	303 / 211 372 / 92 / 464	181	130	482 5	228 / 134 94 / 468	
B.M. 111-7B								464	B.M. 111-7B
	1131	573			1215	843		932	ELISAABETH LAKE RD. 1.7 MI. W. OF 25th ST. WEST
					1131	573			SEE F.B. 3723-28
					84	270			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 8-30-72

INDEXED L. M. PALMERI DATE SEP 11 72

WEATHER OVERCAST INST. NO 96716

TIME 11:05 TO 11:30 ROD NO 1713 AB

NOTES CHKD LM DATE 9-14-72

T = 86°

F.B. 2437 PG. 103

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-7B TO B.M. 111-6
B.M. 111-7B									B.M. 111-7B
1	146	651	447 5	177 115 62	161	555	462 5	192 130 62	ELISABETH LAKE RD. 1.7 MI. W. OF 25TH ST. W. SEE F.B. 3723-28
2	91	788	392 5	122 60 62	212	589	513 5	244 180 64	
3	108	851	409 5	138 78 124 60	171	598	472 5	200 142 126 58	
4	150	391	451 5	179 121 184 58	161	177	462 5	190 132 184 58	
5	203	378	504 5	234 172 242 62	116	650	417 5	146 86 242 60	T = DREIER
6	50	112	351 5	87 13 304 74	221	860	522 5	259 183 302 76	
7	236	373	537 5	264 208 378 56	66	146	367 5	193 266 378 54	
8	248	998	549 5	258 238 434 20	40	802	341 5	49 31 432 18	
				454				450	
B.M. 111-6								454	B.M. 111-6 (U.S.G.S. 2831)
	1236	542			1152	377		904	ELISABETH LAKE RD. 1.2 MI. W. OF 25TH ST. W. SEE F.B. 2437-16
	1152	377							
	+ 84	165							

T = 96°

WEATHER CLOUDY INST. NO. 96716

TIME 2:05 TO 2:35 ROD NO. 1713AB

NOTES CHKD. [illegible] DATE 9-14-72

F.B. 2437 PG. 104 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-31-72

INDEX T. M. PALMERI DATE

76P52 B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 8-30-72
INDEXED T. M. PALMERI DATE SEP 11 72
WEATHER OVERCAST 83°
TIME 11:35
NOTES CHKD TM
INST. NO. 96716
ROD NO. 1213A-B
DATE 9-14-72
F.B. 2437 PG. 105

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.111-7B TO B.M.111-8
B.M.111-7B									B.M.111-7B
1	227	860	528 5	268 82 186	105	678	406 5	146 64 82	ELIZABETH LAKE RD. 1.7 MI. W. OF 25th ST. WEST
2	219	192	520 5	259 181 76	96	698	397 5	136 56 80	SEE F.B. 3723-28
3	274	932	575 5	298 158 250 48	28	255	329 5	52 162 4 48	
4	196	210	497 5	224 206 168 56	153	252	454 5	182 210 124 58	T A. GOBLE
5	208	452	509 5	248 262 168 80	101	645	402 5	141 268 61 80	
6	220	883	521	245 342 195 50	125	765	426 5	146 348 104 42	
				392				390 392	
	1347	529			611	893		782	
B.M.111-8	611	893							B.M.111-8
	+736	236							ELIZABETH LAKE RD. 200± METERS E. OF CULVERT AT MI. 4.87
									SEE F.B. 2437-19

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 Pg. 106 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-31-72

INDEXED T. M. PALMERI DATE

WEATHER SCAT. CLOUDS 94° INST. NO. 96716

TIME 1440 ROD NO. 17159-B

NOTES CHKD. AML DATE 9-14-72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-8 TO B.M. 111-7B
B.M. 111-8									B.M. 111-8
1	119	665	420.5	143 95 48	191	612	492.5	216 168 50	ELIZABETH LAKE RD. & 200 M. E. OF M.L. 4.87
									SEE F.B. 2437-19
2	95	062	396.5	120 70 50	202	668	503.5	226 178 48	
				98				98	
3	133	125	434.5	158 108 50	171	202	472.5	196 146 50	
				148				148	
4	159	885	460.5	184 134 50	210	700	511.5	235 185 50	T. A. GOBLE
				198				198	
5	70	090	371.5	95 45 50	227	497	528.5	252 202 50	
				248				248	
6	39	957	340.5	65 15 50	219	792	520.5	244 194 50	
				298				298	
7	109	442	410.5	135 83 52	188	370	489.5	215 161 54	
				350				352	
8	180	457	481.5	201 159 42	232	538	533.5	253 211 42	
				392				394 392	
	907 683				1644 379			786	
B.M. 111-7B					907 683				B.M. 111-7B
									ELIZABETH LAKE RD., 1.7 MI. W. OF 25th ST. W.
					736 696				SEE F.B. 3723-28

76P525 CE # 308 3-61

PLEASE RETURN TO
L. ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 111-7B TO B.M. 111-8
B.M. 111-7B									B.M. 111-7B
1	233	640	534 5	272 194 78	120	220	421 5	159 81 78	ELISABETH LAKE RD. 1.7 MI. W. OF 25TH ST. W. SEE F.B. 3723-28
2	197	020	498 5	224 170 54	88	532	389 5	115 61 54	
3	262	192	563 5	289 132 235 54	50	372	351 5	75 132 25 50	
4	252	195	553 5	292 186 212 80	128	502	429 5	168 182 88 80	T = GOBLE RE RUN
5	193	542	494 5	233 266 153 80	73	918	374 5	114 262 32 82	
6	172	973	473 5	193 346 151 42	113	308	414 5	134 344 92 42	
				388				386	
B.M. 111-8								388	B.M. 111-8
	131	1562			574	852		774	ELISABETH LAKE RD. 200± E. OF CULVERT AT MI. 4.87
	574	852							SEE F.B. 2437-19
	+736	710							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 80°

SURVEY BY G.E. DREIER DATE 9-6-72 WEATHER LT. BREEZE INST. NO. 96716

NOTES BY SIEMANN TIME 10:00 TO 10:25 ROD NO. 17134B

INDEXED T. M. PALMERI DATE SEP 11 72 NOTES CHKD. [illegible] DATE 9-14-72

F.B. 2437 PG. 102

F.B. 2437 PG. 108 JOB NO. 6301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES

INDEXED DATE

WEATHER INST. NO. 96716

TIME ROD NO. 713A&B

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes 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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO

76P52B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER DATE 8-30-72 WEATHER LIGHT BR. 89°
NOTES BY G. E. DREIER TIME 1:40 INST. NO 26716
INDEXED J. M. PALMER DATE SEP 11 72 NOTES CHKD RM ROD NO 1713A-B DATE 9-14-72
F.B. 2437 PG. 109

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From B.M. 111-8 To B.M. 111-9
B.M. 111-8									B.M. 111-8
1	207	165	508 5	238 176 62	107	588	408 5	138 76 62	ELIZABETH LAKE RD. 200± m. E. of CULVERT AT mi. 4.87
2	267	102	568 5	306 228 78	14	682	315 5	152 214 76	SEE F.B. 2437-19
3	275	802	576 5	293 257 36 140	97	263	398 5	115 79 36 138	
4	232	112	533 5	258 206 52 176	101	157	402 5	127 75 52 174	A. GOBLE
5	214	955	515 5	244 184 60 228	48	497	349 5	79 17 62 226	
6	208	618	509 5	232 184 48 288	57	245	358 5	82 32 50 288	
7	282	313	583 5	298 266 32 336	18	025	319 5	35 1 34 338	
8	251	132	552 5	279 223 56 368	103	283	404 5	129 77 52 372	
9	221	492	522 5	260 182 78 424	97	652	398 5	137 57 80 424	
10	299	702	600 5	1299 2265 68 502	107	968	408 5	140 74 66 504	
11	168	482	469 5	175 161 14 570	178	618	479 5	185 171 14 570	
				584				584	
	2628	875			931	978		584	
B.M. 111-9	931	978						1168	B.M. 111-9
	+1696	897							ELIZABETH LAKE RD. AT CULVERT 5.45
									SEE F.B. 2437-20

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	8	7							FROM BM.111-9 TO B.M.111-8
B.M.111-9									B.M.111-9
1	126	925	427 5	151 101 50	166	610	467 5	191 141 50	ELIZABETH LAKE RD, AT CULVERT 5.45"
									SEE F.B. 2437-20
2	18	088	319 5	1/2 43 18 50	228	083	529 5	253 203 50	
3	120	955	421 5	145 95 100 50	204	842	505 5	229 179 100 50	⊤ A. GOBLE
4	148	290	449 5	172 124 150 48	234	948	535 5	258 210 150 48	
5	31	248	332 5	56 6 198 50	301	495	602 5	1/2 301 281 198 40	
6	57	675	358 5	78 36 248 42	213	038	514 5	238 188 238 50	
7	19	958	320 5	1/2 43 19 290 48	214	773	515 5	238 190 288 48	
8	149	512	450 5	165 133 338 32	87	057	388 5	103 71 336 32	
9	36	765	337 5	54 18 370 36	234	202	535 5	252 216 368 36	
10	75	498	376 5	100 50 406 50	247	208	548 5	271 223 404 48	
11	73	168	374 5	98 48 456 50	250	873	551 5	275 225 452 50	
12	68	757	369 5	93 43 506 50	201	032	502 5	228 174 502 54	
13	127	598	428 5	144 110 556 34	166	693	467 5	183 149 556 34	
	1054	437		590	2750	854		590	
					1054	437		1180	B.M.111-8
B.M.111-8									ELIZABETH LAKE RD. 200 M.
									E. OF MI. 4.87
					1696	417			SEE F.B. 2437-19

F.B. 2437 PG. 110

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-31-72

INDEXED T. M. PALMERI DATE

94°

WEATHER CALM INST. NO. 96716

TIME 11:40 ROD NO. 1713A-B

NOTES CHKD AM DATE 9-14-72

76P525 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR COPIED 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 L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 9-6-72

INDEXED J. M. PALMERI DATE SEP 11 '72

WEATHER LT. BREEZE INST. NO 96716

TIME 10:30 TO 11:00 ROD NO 1713 A&B

NOTES CHKD RM DATE 9-14-72

F.B. 2437 PG. 111

T = 80°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-8 TO B.M. 111-9
B.M. 111-8									B.M. 111-8
1	208	703	509 5	242 174 68	97	002	398 5	131 63 68	ELISABETH LAKE RD. 200 Ht E. OF
2	239	910	540 5	264 214 50 118	61	292	362 5	86 36 50 118	25TH ST. W. SEE F.B. 2437-19
3	288	117	589 5	288 ½ 263 50 168	64	950	365 5	89 39 50 168	
4	230	685	531 5	257 203 54 222	103	658	404 5	130 76 54 222	
5	217	822	518 5	247 187 60 282	48	990	349 5	77 19 58 280	π = GOBLE
6	228	595	529 5	261 195 66 348	5	393	306 5	135 ½ 5 60 340	RERUN
7	300	178	601 5	300 ½ 284 32 380	81	932	382 5	100 62 38 378	
8	241	225	542 5	261 221 40 420	102	183	403 5	123 81 42 420	
9	224	752	525 5	267 181 86 506	88	678	389 5	131 45 86 506	
10	286	425	587 5	286 ½ 259 54 560	105	562	406 5	133 77 56 562	
11	161	648	462 5	173 149 24 584	171	395	472 5	182 160 22 584	
B.M. 111-9								584	B.M. 111-9
	2628	060			931	035		1168	ELISABETH LAKE RD. AT CULVERT 5.45
	931	035							SEE F.B. 2437-20
	+1697	025							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 112 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-6-72

INDEXED BY M. PALMERI DATE

T = 82°

WEATHER CLOUDY INST. NO. 96716

TIME 1:30 to 2:00 ROD NO. 1713 A&B

NOTES CHKD. AM DATE 9-14-72

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M.111-9 TO B.M.111-8
B.M.111-9									B.M.111-9
1	119 217	4205		149 89 60	225 098	5265		255 195 60	5.45 ELISABETH LAKE RD & CULVERT
2	13 418	3145		1/45 213 64	154 653	4555		186 122 64	SEE F.B. 2437-20
3	69 290	3705		102 124 36 66	205 310	5065		238 124 172 66	
4	33 973	3345		59 190 7 52	298 022	5995		1/298 190 273 50	
5	21 242	3225		43 242 -1 44	218 782	5195		243 240 193 50	T = GOBLE
6	13 412	3145		286 1/39 213 52	212 772	5135		239 290 185 54	RERUN
7	134 477	4355		164 338 104 60	214 282	5155		240 344 188 52	
8	22 475	3235		398 1/53 22 58	263 152	5645		293 396 233 60	
9	51 632	3525		84 456 18 66	298 408	5995		1/298 456 268 60	
10	116 345	4175		140 522 92 48	190 862	4915		218 516 162 56	
~~B.M.111-8~~	137 602	4385		147 570 128 20 590	148 772	4495		157 572 139 18 590	B.M.111-8 ELISABETH LAKE RD. $200 Mt E. OF
B.M.111-8								590 1180	MI. 4.87. SEE F.B. 2437-19
	733 083				2430113				
					733083				
					-1697030				

76P52[illegible] CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET 95°
SURVEY BY G.E. DREIER
NOTES BY T. M. PALMER DATE 8-30-72
INDEXED DATE SEP 11 72
WEATHER THIN OVERCAST
TIME 2:20 TO 3:00
NOTES CHKD. LM
INST. NO. 96716
ROD NO. 17B4-B
DATE 9-14-72
F.B. 2437 PG. 113

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-9 TO B.M. 111-10
B.M. 111-9									B.M. 111-9
1	265	931	566 5	297 233 64	10	950	311 5	½ 39 10 58	ELIZABETH LAKE RD. AT CULVERT 5.45 SEE F.B. 2437-20
2	300	238	601 5	½ 300 283 34	84	472	385 5	105 63 42	
3	272	550	573 5	293 251 98 42	42	681	343 5	62 22 100 40	R. SIEMANN
4	194	492	495 5	215 173 140 42	240	731	541 5	260 220 140 40	
5	10	379	311 5	½ 34 10 182 48	202	344	503 5	225 179 180 46	
6	147	459	448 5	157 137 230 20	141	649	442 5	153 129 226 24	
7	30	221	331 5	53 7 250 46	160	238	461 5	183 137 250 46	
8	63	640	364 5	32 94 296 62	145	800	446 5	176 114 296 62	
9	222	371	523 5	248 196 358 52	35	059	336 5	½ 60 35 358 50	
10	132	012	433 5	138 126 410 12	160	475	461 5	166 154 408 12	
				422				420 422	
	1639	293			1224	399		840 842	
B.M. 111-10	1224	399							B.M. 111-10 ELIZABETH LAKE RD., E. OF HO. # 5707 SEE F.B 2437-21
	+414	894							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 114 JOB NO. 0306.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-31-72

INDEXED T. M. PALMERI DATE

WEATHER CLEAR-LMBR. INST. NO. 96716

TIME 11:15 ROD NO. 1713A-B

NOTES CHKD. RM DATE 9-14-72

92°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-10 TO B.M. 111-9
B.M. 111-10									B.M. 111-10
1	68	740	369 5	77 59 18	167	006	468 5	178 156 22	ELIZABETH LAKE RD, E. OF No. # 5707
									SEE F.B. 2437-21
2	136	072	437 5	168 104 64	200	747	501 5	228 172 56	
3	204	380	505 5	235 173 62 82	110	661	411 5	142 78 78 64	T R. SIEMANN
4	265	400	566 5	293 237 56 144	141	025	442 5	169 113 56 142	
5	263	141	564 5	286 240 46 200	48	535	349 5	70 26 44 198	
6	187	666	488 5	218 156 62 246	296	046	597 5	286 269 54 242	
7	7	793	308 5	135 27 56 308	276	470	577 5	307 245 62 296	
8	15	220	316 5	33 -3 36 364	254	400	555 5	275 233 42 368	
9	139	718	440 5	150 128 22 400	208	485	509 5	219 197 22 400	
				422				422	
	1288	130			1703	375		422 844	
B.M. 111-9					1288	130			
					-415	245			

76P523 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM 111-9 TO BM 111-10
B.M 111-9									BM 111-9
1	284	851	585 5	284 1/2 249 70	6	282	307 5	35 1/2 6 58	ELIZABETH LAKE RD (N. SIDE)
									AT CULVET 5.45
2	301	811	602 5	1/2 301 281 40	58	639	359 5	83 33 50	SEE F.B. 2437-20
				110				108	
3	283	454	584 5	283 1/2 68 249 72	135	730	436 5	171 99 72	
				178				180	
4	11	396	312 5	1/2 30 11 38	206	199	507 5	225 187 38	
				216				218	
5	104	329	405 5	139 69 70	216	768	517 5	250 182 68	π SIEMAN, R
				286				286	
6	71	029	372 5	101 41 60	194	870	495 5	223 165 58	RERUN
				346				344	
7	221	588	522 5	251 191 60	134	688	435 5	164 104 60	
				406				404	
8	163	912	464 5	172 154 18	73	971	374 5	82 64 18	
				424				422	
								424	
BM 111-10	14~~3~~4	2370			1027	147		846	BM 111-10
	1027	147							ELIZABETH LAKE R.D. E. OF HO. #5707
	+ 4~~0~~5	~~223~~							SEE FB. 2437-21
	1	223							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY A.L. GOBLE DATE 9-6-72
INDEXED T. M. PALMERI DATE SEP 11 72
WEATHER PARTLY CLOUDY INST. NO 96716
TIME 11.00 TO 11.30 ROD NO 1713 A&B
NOTES CHKD [illegible] DATE 9-14-72

T = 86

F.B. 2437 PG. 115

F.B. 2437 PG. 116 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____

76P52 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-10 TO B.M. 111-10A
B.M. 111-10									B.M. 110-10
1	111	258	412 5	140 82 58	106	874	407 5	138 74 64	ELIZABETH LAKE RD. E. OF Ho. # 5707
									SEE F.B. 2437-21
2	258	130	559 5	264 252 12 70	46	840	347 5	52 40 12 76	⊼ R. SIEMANN
3	268	393	569 5	278 258 20 90	68	858	369 5	76 60 16 92 90	
B.M. 111-10A	637	781			222	572		182	
	222	572							B.M. 111-10A (B.M. No. 12)
	+415	209							ELIZABETH LAKE RD., W. OF Ho. # 5707
									SEE F.B. 1834-29

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 94°

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716

NOTES BY G.E. DREIER DATE 8-31-72 TIME 10:05 ROD NO. 1713A-8

INDEXED T. M. PALMERI DATE 11 72 NOTES CHKD RM DATE 9-14-72

F.B. 2437 PG. 117

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 118 JOB NO. 0301.02

SURVEY OF LA. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-31-72

INDEXED J. M. PALMER DATE

WEATHER 93° CLEAR-OCCAS. BR. INST. NO. 96716

TIME 11:00 AM ROD NO. 713A-B

NOTES CHKD. DATE 9-14-72

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 111-10A TO B.M. 111-10
B.M. 111-10A							B.M. 111-10A (B.M. No. R)
1	36 044	3375	46 26 26	291 679	5925	303 279 24	ELIZABETH LAKE RD. W. of Ho.# 5707
							SEE FB 1834-29
2	12 571	3135	30 212 36	223 579	5245	239 207 32	
							T R. SIEMANN
3	169 591	4705	184 56 154 30 86	118 098	4195	133 56 103 30 86 86	
	218 206			633 356		172	
B.M. 111-10				218 206			B.M. 111-10
				415 150			ELIZABETH LAKE RD, E. of Ho.# 5707
							SEE F.B. 2437-21

76P52 CE # 308 3-61

PLEASE RETURN TO

L. ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 8-31-72

INDEXED T. M. PALMERI DATE SEP 11 72

WEATHER CLEAR, SUNNY INST. NO 96716

TIME 10:20 TO 10:40 ROD NO 1713AB

NOTES CHKD LM DATE 9-14-72

F.B. 2437 PG. 49

T = 94°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-10A TO B.M. 111-~~10A~~ 11A
B.M. 111-10A									B.M. 111-10A
1	50	795	351 5	73 27 46	215	028	516 5	243 187 56	ELISABETH LAKE RD. W. OF HO# 5707
									SEE F.B. 1834-29
2	214	973	515 5	242 186 56	44	580	345 5	68 20 48	
				102				104	
3	148	178	449 5	176 120 56	186	030	487 5	214 158 56	π = DREIER
				158				160	
4	157	755	458 5	179 135 44	116	538	417 5	138 94 44	
				202				204	
B.M. 111-11A								202	B.M. 111-11A (U.S.G.S. K-10)
	571	701			562	176		406	ELISABETH LAKE RD. 2.4 MI. E. OF
	562	176							BOUQUET CN. RD. SEE F.B. 2437-22
+	9	525							

RERUN 9-8-72 11:30 TO 11:45 T = 87° LT. BREEZE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
B.M. 111-10A									
	~~108~~	~~386~~	~~409~~	~~137~~ ~~79~~					
	102	617	403 5	138 74 56	224	533	525 5	252 196 56	
2	212	196	513 5	237 187 50	82	153	383 5	107 57 50	π = DREIER
				106				106	RERUN
3	142	150	443 5	168 116 52	166	138	467 5	193 139 54	
				158				160	
4	134	429	435 5	158 110 48	109	256	410 5	131 87 44	
				206				204	
								206	
B.M. 111-11A								410	
	591	392			582	080			
	582	080							
	+ 9	312							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 120 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-31-72

INDEXED T. M. PALMERI DATE

T = 94°

WEATHER CLEAR SUNNY INST. NO. 96716

TIME 10:40 TO 11:00 ROD NO. 17134B

NOTES CHKD RM DATE 9-14-72

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-11 A TO B.M. 111-10 A
B.M. 111-11 A									B.M. 111-11A (U.S.G.S. K-10)
1	122	808	423 5	149 95 54	144	997	4455	170 118 52	ELISABETH LAKE RD. 2.4 MI. E. OF BOUQUET CN. RD.
2	190	511	491 5	221 159 62	210	201	511 5	241 179 62	SEE F.B. 2437-23
3	82	420	383 5	111 116 53 58	221	525	522 5	248 114 194 54	
4	179	301	480 5	195 174 163 32	76	09	308 5	224 27 36	π = DREIER
				206				168	
								204	
B.M. 111-10 A								206	B.M. 111-10A
	575040				584332			410	ELISABETH LAKE RD. W. OF HO 5707.
					575040				SEE F.B. 1834-29
					9292				
	RERUN			9-8-72	11:00 TO 11:15			T = 86°	LT. BREEZE
B.M. 111-11 A									
1	108	388	409 5	137 79 58	125	938	426 5	154 96 58	
2	159	110	460 5	191 127 64	203	888	504 5	235 171 64	
				122				122	π = DREIER
3	102	172	403 5	124 80 44	196	745	497 5	214 178 36	
				166				158	RERUN
4	228	149	529 5	248 208 40	80	395	381 5	104 56 48	
				206				206	
B.M. 111-10 A								206	
	597819				606966			412	
					597819				
					9147				

76P52[illegible] CE # 308 3-61

PLEASE RETURN TO
L[illegible]NGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 111-11A TO BM 111-11
B.M. 111-11A									BM 111-11A (U.S.G.S K-10)
1	200	165	501 5	224 / 176 48	46	672	347 5	70 / 22 48	ELIZABETH LAKE ROAD
									2.4 MI E. OF BOUQUET CN RD.
2	30[illegible]	550	602 5	30[illegible] / 289 224	17	221	318 5	28 / 6 22	SEE F.B 2437-22
				72				70	
3	283	194	584 5	296 / 270 26	37	592	338 5	50 / 24 26	
				98				96	
4	248	444	549 5	268 / 228 40	74	788	375 5	95 / 53 42	T. OHASHI
				138				138	
5	271	550	572 5	273 / 269 4	137	971	438 5	139 / 135 4	
				142				142	
								142	
BM 111-11	1304	903			31[illegible]	244		284	BM 111-11
	31[illegible]	244							ELIZABETH LAKE ROAD 2.2 MI
+	990	659							E. OF BOUQUET CN RD.
									SEE F.B 2437-23

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T.-82
SURVEY BY G. E. DREIER
NOTES BY A. L. GOBLE DATE 9-6-72
INDEXED T. M. PALMERI DATE SEP 11 72
WEATHER CLEAR BREEZE INST. NO 96716
TIME 2.00 TO 2.30 ROD NO 713A&B
NOTES CHKD LM DATE 9-14-72
F.B. 2437 PG. 121

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM 111-11 TO BM 111-11A
BM 111-11									BM 111-11
1	30 180	331 5	41 19	22	248 010	549 5	260 236	24	ELIZABETH LAKE ROAD 2.2 MI
									E. OF BOUQUET CN RD.
2	53 405	354 5	72 34	38	288 900	589 5	288 1/2 268 1/2	40	SEE F.B 2437-23
				60				64	
3	3 282	304 5	19 3 1/2	32	292 965	593 5	292 1/2 278 1/2	28	
				92				92	
4	21 250	322 5	36 6	30	237 355	538 5	253 221	32	⊼ T. OHASHI
				122				124	
5	103 352	404 5	114 92	22	134 830	435 5	144 124	20	
				144				144	
								144	
BM 111-11A	211 469				1202060			288	BM 111-11A (USGS K-10
					211469				ELIZABETH LAKE ROAD 2.4 MI
					-990591				EAST OF BOUQUET CANYON RD.
									SEE F.B 2437-22

T = 88

WEATHER BRIGHT SUN INST. NO. 96716

TIME 10.30 TO 10.55 ROD NO. 1713 & 2B

NOTES CHKD LM DATE 9-14-72

F.B. 2437 PG. 122 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES A.L. GOBLE 9-8-72

INDEXED I. M. PALMERI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM. 111-11 TO B.M. 111-11B
BM. 111-11									B.M. 111-11
	99	832	400 5	129 / 69 60	64	775	365 5	94 / 34 60	ELIZABETH LAKE RD. 2.2 MI. EAST OF BOUQUET CYN RD.
2.	295	425	596 5	½ 295 / 265 60 / 120	22	603	323 5	½ 52 / 22 60 / 120	SEE F.B. 2437-23
3.	294	798	595 5	½ 294 / 273 42 / 162	5	038	306 5	½ 24 / 5 38 / 158	⊼ A.L. GOBLE
4.	291	348	592 5	306 / 276 30 / 192	26	797	327 5	41 / 11 30 / 188	
5	242	122	543 5	255 / 229 26 / 218	9	478	310 5	½ 22 / 9 26 / 214	
6.	279	362	580 5	282 / 276 6 / 224	20	482	321 5	25 / 15 10 / 224	
B.M. 111-11B								224 / 448	B.M. 111-11B
	1502	887			149	173			ELIZABETH LAKE RD. 1.9 MI. EAST OF BOUQUET CYN RD.
	149	173							SEE F.B. ~~2437~~ 1834-31
+	1353	714							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 9-6-72

INDEXED T. M. PALMERI DATE SEP 11 '72

WEATHER Scat. Clouds T=86°

TIME 2:30 - 2:55

NOTES CHKD. LM

INST. NO. 96716

ROD NO. 1713A&B

DATE 9-14-72

F.B. 2437 PG. 123

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 111-~~11~~11B TO B.M. 111-11
B.M. 111-11B									B.M. 111-~~11~~11B
1	52	530	353 5	62/42 20	289	333	590 5	298/280 18	ELIZABETH LAKE RD. 1.9 MI. EAST OF BOUQUET CYN. RD.
2	39	527	340 5	49/29 20	295	682	596 5	305/285 20	SEE F.B. ~~2437~~ 1834-31
				40				38	
3	11	495	312 5	½ 25/11 28	270	693	571 5	284/256 28	⊼ A.L. GOBLE
				68				66	
4.	7	748	308 5	½ 26/7 38	277	630	578 5	295/259 36	
				106				102	
5.	37	607	338 5	58/16 42	251	772	552 5	274/228 46	
				148				148	
6	36	815	337 5	65/7 58	249	165	550 5	279/219 60	
				206				208	
7.	135	610	436 5	146/124 22	40	842	341 5	50/30 20	
				228				228	
B.M. 111-11								228	B.M. 111-11
	321	332			1675	117		456	ELIZABETH ~~CYN~~ LAKE RD. 2.2 MI. E. OF BOUQUET CYN. RD.
					321	332			SEE F.B. 2437-23
					-1353	785			

T = 84°

WEATHER BRIGHT-SUN INST. NO. 96-116

TIME 10:00 - 10:20 ROD NO. 1713 A&B

NOTES CHKD [illegible] DATE 9-14-72

F.B. 2437 PG. 124 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET.

SURVEY BY G.E. DREIER NOTES T. OHASHI 9-8-72

INDEXED T. M. PALMERI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 111-11B TO BM 111-12
BM 111-11B							BM 111-11B
1	13 751	3145	17 9 8	298 751	599 5	302 294 8	ELIZABETH LAKE ROAD 1.9 E.
							OF BOUQUET CANYON ROAD
2	291 021	5925	291½ 267 48 56	38 699	3395	66½ 38 56 64	SEE F.B 1834-31
3	289 063	5905	298 280 18 74	61 763	3625	70 52 18 82	
4	295 062	5965	295½ 272½ 46	56 282	3575	76 36 40 122	
5	226060	5275	262 190 120 72	204 782	5055	239 169 70 192	T. OHASHI
6	118 447	4195	128 108 192 20 212	29 764	3305	39 19 20 212	
						212	
BM 111-12	1233404			690041		424	BM 111-12
	690 041						ELIZABETH LAKE ROAD 1.7 E
+	~~1137~~ 363						OF BOUQUET CANYON ROAD
	543						SEE F.B 2437-24

T = 76

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. BEIER

NOTES BY A. GABLE DATE 9-7-72

INDEXED T. M. PALMERI DATE 9-11-72

WEATHER SUNNY BREEZE INST. NO. 96716

TIME 10.00 TO 10.40 ROD NO. 17343LB

NOTES CHKD. DMC DATE 9-14-72

F.B. 2437 PG. 125

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 111-12 TO BM 111-11B
BM 111-12									BM 111-12
1	19	288	320 5	27 11 16	119	745	420 5	126 112 14	ELIZABETH LAKE RD. 1.7 E OF BOUQUET CANYON ROAD
2	214	972	515 5	248 180 68	19[illegible]	036	492 5	224 158 66	SEE F.B 2437-24
3	63	174	364 5	86 40 84 46	287	267	588 5	287 264 ½ 80 46	
4	24	573	325 5	40 8 130 32	286	564	587 5	303 269 126 34	
5	16	948	317 5	36 16 ½ 162 40	167	713	468 5	188 146 160 42	T. OHASHI
6	239	081	540 5	242 236 202 6 208	69	231	370 5	71 67 202 4 206 208	
BM 111-11B	578	036			1121	556		414	BM 111-11B
					578	036			ELIZABETH LAKE ROAD 1.9 E OF BOUQUET CANYON ROAD
					543	520			SEE F.B 1834-31

T = 86°

F.B. 2437 PG. 126 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES A.L. GOBLE 9-8-72

INDEXED T. M. PALMERI DATE

WEATHER BRIGHT SUN INST. NO. 96716

TIME 9.20 TO 9.55 ROD NO. 1713A&B

NOTES CHKD. [illegible] DATE 9-14-72

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM 111-12 TO BM 111-13
BM 111-12									BM 111-12
1	5	377	306 5	11 5 1/2 12	224	850	525 5	230 218 12	ELIZABETH LAKE ROAD 1.7 E
									OF BOUQUET CANYON ROAD
2	44	050	345 5	62 26 36 48	284	450	585 5	302 266 36 48	SEE F.B 2437-24
3	39	372	340 5	50 28 22 70	253	862	554 5	264 242 22 70	
4	41	111	342 5	55 25 30 100	239	603	540 5	254 224 30 100	
5	95	420	396 5	118 72 46 146	122	007	423 5	143 101 42 142	π T. OHASHI
6	278	468	579 5	278 242 1/2 72 218	143	453	444 5	179 107 72 214	
7	131	210	432 5	167 95 72 290	168	647	469 5	204 132 72 286	
8	168	132	469 5	189 147 42 332	38	963	339 5	61 15 46 332	
9	264	862	565 5	278 250 28 360	54	740	355 5	69 39 30 362	
~~BM 111-13~~									BM 111-13
10	219	691	520 5	235 203 32 392	65	680	366 5	82 48 34 396	ELIZABETH LAKE ROAD 1.2 E
11	233	162	534 5	247 219 28 420	64	294	365 5	76 52 24 420	OF BOUQUET CANYON ROAD
								420	SEE F.B. 2437-25
BM 111-13	1520	855			1660	749		840	
					1520	855			
					139	694			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY A. L. GOBLE DATE 9-7-72

INDEXED T. M. PALMERI DATE SEP 11 72

WEATHER SUNNY WINDY INST. NO. 96716

TIME 1040 TO 11.35 ROD NO. 1713 A&B

NOTES CHKD. LM DATE 9-14-72

T = 80

F.B. 2437 PG. 127

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 111-13 TO BM 111-12
BM 111-13									BM 111-13
1	40	966	341 5	56 24 32	242	940	543 5	257 227 30	ELIZABETH LAKE RD, 1.2 E OF BOUQUET CANYON ROAD
2	56	303	357 5	79 33 46	298	173	599 5	298 1/2 277 42	SEE F.B. 2437-25
3	34	380	335 5	49 19 78 30	226	524	527 5	241 211 72 30	
4	132	901	433 5	163 101 108 62	136	042	437 5	166 106 102 60	
5	163	872	464 5	192 134 170 58	146	670	447 5	179 113 162 66	
6	60	950	361 5	88 32 228 56	225	040	526 5	254 196 228 58	T. OHASHI
7	159	154	460 5	181 137 284 44	43	730	344 5	65 21 286 44	
8	262	280	563 5	276 248 328 28	25	633	326 5	40 10 330 30	
9	267	220	568 5	280 254 356 26	57	143	358 5	70 44 360 26	
10	241	882	542 5	253 229 382 24	40	650	341 5	53 27 386 26	
11	177	912	478 5	181 173 406 8	15	553	316 5	17 13 412 4	
				414				416 414	
BM 111-12	1597	820			1458	098		830	BM 111-12
	1458	098							ELIZABETH LAKE ROAD 1.7 E OF BOUQUET CANYON ROAD
+	139	722							SEE F.B 2437-24

T = 88° LT

WEATHER SUNNY WIND INST. NO 96716

TIME 1.40 TO 240 ROD NO 1713 HB

NOTES CHKD RM DATE 9-14-72

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES A.L. GOBLE 9-7-72

INDEXED T. M. PALMERI DATE

F.B. 2437 PG. 128

76P52[illegible] CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM. 111-13 TO B.M. 111-13A
BM. 111-13									B.M. 111-13
1.	221	137	522 5	242 / 200 42	8	010	309 5	½ 30 / 8 44	ELIZABETH LAKE RD. 1.2 MI. EAST OF BOUQUET CYN. RD.
2.	257	803	558 5	280 / 234 46	40	992	341 5	63 / 17 46	SEE F.B. 2437-25
				88				90	
3.	298	073	599 5	½ 298 / 268 60	52	080	353 5	81 / 23 58	
				148				148	⊼ A.L. GOBLE
4.	208	228	509 5	239 / 177 62	67	553	368 5	99 / 35 64	
				210				212	
5.	184	222	485 5	213 / 155 58	127	992	428 5	156 / 98 58	
				268				270	
6.	178	312	479 5	201 / 155 46	35	858	336 5	57 / 13 44	
				314				314	
B.M. 111-13A								314	B.M. 111-13A
	1347	775			332	485		628	ELIZABETH LAKE RD. & GODDE HILL RD.
	332	485							SEE F.B. 1834-35
+	1015	290							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY J. OHASHI DATE 9-7-72

INDEXED T. M. PALMERI DATE 11 72

WEATHER CLEAR-BREEZE INST. NO. 96716

TIME 11:35 - 12:00 ROD NO. 1713A&B

NOTES CHKD RM DATE 9-14-72

F.B. 2437 PG. 129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

INST. NO. 96716
ROD NO. 1713 A&B
DATE 9-14-72

WEATHER CLEAR-B T=84°
TIME 1:10 - 1:40
NOTES CHKD

JOB NO. 0301.02
NOTES T. OHASHI
DATE

F.B. 2437 PG. 130
SURVEY OF L.A. Co. PRECISE LEVEL NET.
SURVEY BY G.E. DEEIER
INDEXED T. M. PALMERI

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 111-13A TO B.M. 111-13
B.M. 111-13A							B.M. 111-13A
1	16 018	317 5	32 0 32	180 613	481 5	196 164 32	ELIZABETH LAKE RD. & GODDE HILL RD. SEE F.B. 1834-35
2.	162 938	463 5	190 134 56 88	223 808	524 5	251 195 56 88	
3	136 427	437 5	165 107 58 146	241 127	542 5	270 212 58 146	⊼ A.L. GOBLE
4.	57 017	358 5	86 28 58 204	219 625	520 5	247 191 56 202	
5.	96 782	397 5	126 66 60 264	294 478	595 5	½ 294 ½ 265 58 260	
6.	8 265	309 5	½ 30 8 44 308	296 785	597 5	½ 296 ½ 273 46 306	
7.	128 143	429 5	133 123 10 348	164 143	465 5	169 159 10 346	
B.M. 111-13						318	B.M. 111-13
	605590			1620579		634	ELIZABETH LAKE RD. 1.2 MI. EAST OF BOUQUET CYN RD.
				605590			SEE F.B. 2437-25
				1014989			

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-13 TO B.M. 111-13A
BM. 111-13									B.M. 111-13
1	224	262	525 5	246 202 44	15	672	316 5	½ 37 15 44	ELIZABETH LAKE RD. 1.2 MI. EAST OF BOUQUET CYN. RD
2	252	832	553 5	273 231 42	41	100	342 5	62 20 42	SEE F.B. 2437-25
				86				86	
3	294	992	595 5	½ 294 264 60	~~46~~ 47	132	348 5	78 16 62	⊼ A.L. GOBLE
				146				148	
4	213	762	514 5	246 180 66	62	327	363 5	95 29 66	RE-RUN
				212				214	
5	192	112	493 5	225 159 66	145	738	446 5	177 113 64	
				278				278	
6	172	865	473 5	190 154 36	23	695	324 5	½ 41 23 36	
				314				314	
BM. 111-13A								314	BM. 111-13A
	1350	825			335	664		628	ELIZABETH LAKE RD. & GODDE HILL RD.
	335	664							SEE F.B. 1834-35
+	1015	161							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY T. CHASUL DATE 9-8-72

INDEXED T. M. PALMERI DATE [illegible] 11 '72

WEATHER SCAT CLOUDS-BREEZE T= 82°

TIME 1:05 - 1:30

NOTES CHKD [illegible]

ST. NO. 96716

ROD NO. 1713A&B

DATE 9-14-72

F.B. 2437 PG. 131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM. 111-13A TO B.M. 111-13
B.M. 111-13A									B.M. 111-13A
1	35 607	336 5	56 14	42	214 003	515 5	235 193	42	ELIZABETH LAKE RD. & GODDE HILL RD.
									SEE F.B. ~~18~~ 1834-35
2.	132 872	433 5	167 97	70	196 ~~482~~ 482	497 5	231 161	70	
				112				112	
3.	60 358	361 5	93 27	66	255 517	556 5	289 221	68	⊼ A.L. GOBLE
				178				180	
4.	103 238	404 5	131 75	56	235 597	536 5	263 207	56	RE-RUN
				234				236	
5.	29 507	330 5	55 3	52	301 628	602 5	1,301 2279	44	
				286				280	
6.	73 875	374 5	87 59	28	247 203	548 5	264 230	34	
				314				314	
B.M. 111-13								314	B.M. 111-13
	435 457				1450 430			628	ELIZABETH LAKE RD. 1.2 MI. EAST OF
					435 457				BOUQUET CY'N RD.
					1014 973				SEE F.B. 2437-25

F.B. 2437 PG. 132 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET.

SURVEY BY G.E. DREIER NOTES T. OLASHI 9-8-72

INDEXED I. M. PALMER DATE

WEATHER T=84° BREEZE & SUN. COURS INST. NO. 96716

TIME 1:30 - 2:00 ROD NO. 1713 & A&B

NOTES CHKD. JM DATE 9-14-72

76P525 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 111-13A TO B.M. 111-14
B.M. 111-13A							B.M. 111-13A
	67245	368 5	78 56 22	96 825	397 5	107 85 22	ELIZABETH LAKE RD. & GODDE HILL RD.
				67 245		22	SEE F.B. 1834-35
B.M. 111-14			—	29 580		44	
							⊼ A.L. GOBLE
							B.M. 111-14
							ELIZABETH LAKE RD. & GODDE HILL RD.
							SEE F.B. 2437-26

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY C.E. DREIER

NOTES BY T. OHASHI DATE 9-7-72

INDEXED T. M. PALMERI DATE SEP 11 72

WEATHER CLEAR-BREEZE INST. NO. 96716

TIME 1:00 - 1:05 ROD NO. 1713A&B

NOTES CHKD [illegible] DATE 9-14-72

T=84°

F.B. 2437 PG 133

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 111-14 TO BM. 111-13A
B.M. 111-14									B.M. 111-14
1	96	097	397 5	107 85 22	66	542	367 5	77 55 22	ELIZABETH LAKE RD. & GODDE HILL RD.
	66	542						22	SEE F.B. 2437-26
B.M. 111-13A	+ 29	555						44	
									⊼ A.L. GOBLE
									B.M. 111-13A
									ELIZABETH LAKE RD. & GODDE HILL RD.
									SEE F.B. 1834-35

T=84°

WEATHER CLEAR - BREEZE INST. NO. 96716

TIME 1:05 - 1:10 ROD NO. 1713 A&B

NOTES CHKD. JM DATE 9-14-72

F.B. 2437 PG. 134 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DRIEBEN NOTES T. OHASHI

INDEXED J. M. PALMERI DATE

76P525 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM 111-14 TO BM 111-14A
BM 111-14									BM 111-14
1	232	721	533 5	277 / 187 90	166	970	467 5	209 / 123 86	ELIZABETH LAKE ROAD & GODDE HILL ROAD
2	167	490	468 5	203 / 131 72 / 162	51	899	352 5	84 / 18 66 / 152	SEE F.B 2437-26
3	210	815	511 5	217 / 203 14 / 176	131	390	432 5	143 / 119 24 / 176 / 176	⊼ R. ~~SEIMAN~~ SIEMANN
BM 111-14A	611	026			350	259		352	BM 111-14A
	350	259							ELIZABETH LAKE ROAD 0.2 W. OF GODDE HILL ROAD & 75th ST. W.
	+ 260	767							SEE FB 1847-40

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. OREIER
NOTES BY A. L. GOBLE DATE 9-8-72
INDEXED G. D. BAILEY DATE NOV 1 1972
WEATHER SUNNY
TIME 2.05 TO 2.20
NOTES CHKD. L. R. M.
INST. NO. 96716
ROD NO. 1713 A&B
DATE
T = 80
F.B. 2437 PG. 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 111-14A TO B.M. 111-14
B.M. 111-14A									B.M. 111-14A
1	93	745	394 5	123 60 / 63 ~~5~~	292	727	593 5	292 / 263 58	ELISABETH LAKE RD 0.2 M W.
2	164	921	465 5	194 60 / 134 ~~5~~	126	490	427 5	155 / 97 58	OF GODDE HILL RD. AT 75 ST W. SEE F.B. 1847-40
3	141	730	442 5	169 120 / 113 56	241	980	542 5	269 116 / 213 56	
				176				172	π-Siemann
								176	
	400	396			661	197		348	
					400	396			BM 111-14
BM 111-14					260	801			Elizabeth Lake Rd. & Godde Hill Rd. see F.B. 2437-26

T=80°

WEATHER Sunny & Br. INST. NO 96716

TIME 2:10 Pm ROD NO 1713 A&B

NOTES CHKD DATE 22 NOV 72

F.B. 2437 PG. 136 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY D. REIER NOTES

INDEXED G. D. BAILEY DATE

76P52[illegible] CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM 111-14A TO BM 111-14B
BM 111-14A									BM 111-14A
1	22	819	323 5	28 / 16 12	195	924	496 5	201 / 189 12	ELIZABETH LAKE ROAD 0.2 W.
									OF GODDE HILL ROAD
2	40	050	341 5	77 / 3 74	30	191	331 5	66 / 30 1/2 72	SEE F.B 1847-40
				86				84	
3	194	362	495 5	220 / 168 52	42	402	343 5	1/2 70 / 42 56	~~T R. SET~~
				138				140	T R. SIEMANN
4	145	601	446 5	147 / 143 4	60	690	361 5	62 / 58 4	
				142				144	
								142	
	402	832			329	207		286	
BM 111-14B	329	207							BM 111-14B
+	73	625							ELIZABETH LAKE ROAD 0.4 MI
									EAST OF BOUQUET CANYON RD
									SEE F.B 1834-36

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DRIER

NOTES BY A. L. GOBLE DATE 9-8-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER SUNNY

TIME 2.20 TO 2.40

NOTES CHKD L.R.M.

INST. NO 96716

ROD NO 1713 A & B

DATE 22 NOV '72

T. 82

F.B. 2437 PG. 137

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 138 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldo Nado 9-20-72

INDEXED G.D. BAILEY DATE

WEATHER Sunny & Br. INST. NO. 96716

TIME 1:50 to 2:10 ROD NO. 17134 12

NOTES CHKD. DATE 22 NOV 72

T = 80°

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-14B TO B.M. 111-14A
BM 111-14B									B.M. 111-14B
1	79	588	380 5	105 79 ½ 52	214	456	515 5	240 188 52	ELISABETH LAKE RD. 0.4 MI. W.
2	45	920	346 5	75 ½ 45 ½ 60	212	320	513 5	242 182 60	OF GODDE HILL RD.
									SEE F.B. 1834-36
3	293	390	594 5	304 112 282 22 134	65	838	366 5	76 112 54 22 134	
								134 268	T-Siemann
	418	898			492	614			BM 111-14A
BM 111-14A					418	898			Elizabeth Lake Rd.
					73	716			0.2 mi. W. of Goddde Hill Rd. See F.B. 1847-40

76P52 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-14B TO BM 111-15
BM 111-14B									BM 111-14B
	201	440	502 5	231 / 171 60	157	584	458 5	187 / 127 60	ELIZABETH LAKE ROAD 0.4 mi
2	192	409	493 5	202 / 182 20 ~~100~~	28	709	329 5	38 / 18 20	EAST OF BOUQUET CANYON ROAD SEE F.B 1834-36
			5	80			5	80 / 80 ~~100~~	T R. SIEMANN
	393	849			186	303		160	
BM 111-15	186	303							BM 111-15
+	207	546							ELIZABETH LAKE ROAD 0.2 mi EAST OF BOUQUET CANYON ROAD SEE F.B 2437-27
				Re-Run					
	4-20-72		2:30 to 2:35		T-80° Sunny & Calm				
BM 111-14B									BM 111-14B
	162	511	463 5	186 / 138 48	108	052	409 5	131 / 85 46	
2	216	430	517 5	235 / 197 38	63	440	364 5	78 / 48 30	T-Siemann
				86				76 / 86	
	378	941			171	492		162	
	171	492							
BM 111-15	+207	449							BM 111-15

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY A.L. GOBLE DATE 9-8-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER SUNNY & WIND INST. NO. 96716
TIME 2:40 TO 2:50 ROD NO. 713A&B
NOTES CHKD L.R.M. DATE 22 NOV 72
F.B. 2437 PG. 139
T-82

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 111-15 TO BM 111-14B
BM 111-15									BM 111-15
1	16	330	317 5	30 2 28	187	482	488 5	201 173 28	Elizabeth Lake Rd., 0.2 mi. E. of Bouquet Cyn. Rd.
2	170	720	471 5	196 144 52	206	955	507 5	232 180 52	See F.B. 2437-27
				80				80	
								80	
	187	050			394	437		160	BM 111-14B
					187	050			Elizabeth Lake Rd., 0.4 mi. E. of Bouquet Cyn. Rd.
BM 111-14B					207	387			See F.B. 1834-36
				Re-Run					
	9-20-72 2:40 to 2:45 Sunny & Calm T-80°								
B.M. 111-15									BM 111-15
1	62	618	363 5	77 47 30	225	040	526 5	240 210 30	
2	148	300	449 5	173 123 50	193	390	494 5	218 168 50	T. Siemann
				80				80	
								80	
	210	918			418	430		160	
					210	918			
					207	512			
									BM 111-14B
BM 111-14B									

F.B. 2437 Pg. 140 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-20-72

INDEXED G. D. BAILEY DATE

WEATHER Sunny & TIME 1:45 to NOTES CHKD

INST. NO. 96716 ROD NO. 1713 A&B DATE 22 NOV 72

T-80°

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-15 TO BM 111-16
1	233	052	534 5	256 210 46	51	867	352 5	74 28 46	BM 111-15 Elizabeth Lake Rd., 0.2 mi. E. of Bouquet Cyn. Rd.
2	300	~~140~~ 140	601 5	300 266½ 68	65	078	366 5	99 31 68	See F.B. 2437-27
3	206	208	507 5	342 170 114 72	217	360	518 5	252 182 114 70	
4	87	303	388 5	121 53 186 68	203	828	504 5	237 169 184 68	T. Siemann
5	42	070	343 5	66 18 254 48	228	829	529 5	252 204 252 48	
6	42	322	343 5	65 19 302 46	230	969	531 5	253 207 300 46	
7	113	926	414 5	137 89 348 48	195	161	496 5	220 170 346 50	
				396				396 396	
	~~1024~~	~~951~~			1193	092		792	
	1025	021			1025	021			BM 111-16 Elizabeth Lake Rd., 0.2 mi. W. of Bouquet Cyn. Rd.
BM 111-16					-168	071			See F.B. ~~24~~ 2437-28

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 9-11-72 TIME 10:15 to 10:50 WEATHER Sunny & Windy INST. NO 96716
INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD L.R.M. DATE 22 NOV 72 ROD NO 17134 R

T68

F.B. 2437 PG. 141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-16 TO BM 111-15
BM 111-16									BM 111-16
1	190	057	491 5	223 157 66	37	802	338 5	70 4 66	Elizabeth Lake Rd., 0.2 mi. W.
2	253	540	554 5	278 228 50	20	055	321 5	46½ 20½ 52	of Bouquet Cyn. Rd. See F.B. 2437-28
3	271	000	572 5	302 240 116 62	154	961	455 5	186 122 118 64	
4	232	432	533 5	263 201 178 62	120	499	421 5	151 89 182 62	π-Siemann
5	154	159	455 5	188 120 240 68	266	548	567 5	300 232 244 68	
6	42	308	343 5	77 7 308 70	261	670	562 5	296 ~~308~~ 312 226 70	
7	135	719	436 5	144 126 378 18	249	460	550 5	258 240 388 18	
				396				~~396~~ 400 396	
	1279	215			1110	995		792 6	
	1110	995							
BM 111-15	+168	220							BM 111-15 Elizabeth Lake Rd., 0.2 mi. E. of Bouquet Cyn. Rd. See F.B. 2437-27

F.B. 2437 PG. 142 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-20-72

INDEXED G.D. BAILEY DATE

WEATHER Sunny & Br. INST. NO. 96716

TIME 1:15 to 1:40 ROD NO. 1213 [illegible]

NOTES CHKD DATE 22 NOV 72

T-810

76P526 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREWER
NOTES BY T. OHASHI DATE 9-11-72
INDEXED R.D. BAILEY DATE NOV 1 1972
WEATHER CLEAR-BREEZY T=66°
TIME 10:50-11:30 INST. NO. 96716
NOTES CHKD L.R.M. DATE 22 NOV 72
ROD NO. 113A
F.B. 2437 Pg. 43

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM. 111-16 TO BM. 111-17
B.M. 111-16		5				59			BM. 111-16
1	22	278	526 5	246 / 204 42	~~60~~ 999		360 5	88 / 36 46	ELIZABETH LAKE RD. 0.2 MI. WEST OF BOUQUET CYN RD.
2	274	451	575 5	291 / 252 44 / 86	48	922	349 5	71 / 25 46 / 92	SEE F.B. 2437-28
3	226	327	527 5	259 / 193 66 / 152	92	321	393 5	122 / 62 60 / 152	J. MALDONADO
4	253	871	554 5	287 / 219 68 / 220	4	342	305 5	½ 38 / 4 68 / 220	
5	277	109	578 5	294 / 260 34 / 254	51	239	352 5	69 / 34 34 / 254	
6	263	133	564 5	294 / 232 62 / 316	145	886	446 5	174 / 112 62 / 316	
7	102	488	403 5	137 / 67 70	38	123	339 5	72 / 4 68	
8	243	418	544 5	269 / 226 43 / 84 / 420	114	173	415 5	133 / 95 38 / 422	
BM. 111-17			5				5		420 / 842 BM. 111-17
	1866	075			555	005			ELIZABETH LAKE RD. 0.4 MI. EASTERLY OF 90TH ST. W.
	555	005							SEE F.B. 2437-29
	+ 1311	070							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-17 TO B.M 111-16
B.M. 111-17									B.M. 111-17
1	120	221	421 5	139 101 38	235	930	536 5	248 222 26	ELIZABETH LAKE RD. ABOUT 0.4 MI EASTERLY OF 90TH ST. W.
2	20	075	321 5	½ 52 20 64	93	538	394 5	131 55 76	SEE F.B. 2437-29
				102				102	
3.	150	872	451 5	179 121 58	241	6~~7~~4	542 5	271 211 60	
				160				162	⊼ J. MALDONADO
4.	28	183	329 5	47 9 38	271	861	572 5	290 252 38	
				198				200	
5.	8	939	309 5	½ 34 8 52	222	931	523 5	248 196 52	
				250				252	
6.	62	733	363 5	99 25 74	217	918	518 5	254 180 74	
				324				326	
7.	15	~~958~~ 21	316 5	½ 44 15 58	291	177	592 5	½ 263 291 56	
				382				382	
8.	82	900	383 5	101 63 38	225	908	526 5	244 206 38	
				420				420	
B.M. 111-16								420	B.M. 111-16
	489	844			1800	927		840	ELIZABETH LAKE RD. 0.2 MI. WEST BOUQUET CYN. RD.
					489	844			SEE F.B. 2437-28
				-	1311	083			

F.B. 2437 PG. 144

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 9-20-72

INDEXED G.D. BAILEY DATE

JOB NO. 0301.02

WEATHER CLEAR-BREEZE INST. NO. 96716

TIME 11:25 - 12:00 ROD NO. 1713A&B

NOTES CHKD. DATE 22 NOV 72

T = 78°

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-17 TO BM 111-18
B.M. 111-17									B.M. 111-17
1	256	389	557 5	281 231 50	1 ~~2~~32	084	433 5	157 107 50	ELIZABETH LAKE RD. 0.4 MI. EASTERLY OF 90TH. ST. W
2	64	813	365 5	94 34 60	20~~8~~7	918	508 5	237 177 60	SEE F.B. 2437-29
3	172	388	473 5	205 139 66 (120)	10	218	311 5	1/2 43 210 66 (180)	⊼ J. MALDONADO
4.	299	167	600 5	1/2 299 226 46 (186)	32	371	333 5	54 10 44 (186)	
5.	223	522	524 5	256 190 66 (232)	8~~2~~3	011	384 5	118 48 70 (280)	
6.	185	408	486 5	222 148 74 (298)	117	681	418 5	153 81 72 (290)	
B.M. 111-18				372 6				372 6	B.M. 111-18
	1201	687			~~6~~83 5	283		~~744~~ 724	ELIZABETH LAKE RD 0.1 MI. WESTERLY OF 90TH ST. W
	5 ~~6~~83	283							SEE F.B 2437-30
	+618	404							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 9-11-72

INDEXED G. D. BAILEY DATE NOV 1 1972

WEATHER CLEAR-BREEZY T=68° INST. NO. 96716

TIME 11:30 - 12:00 ROD NO. 713A&B

NOTES CHKD L. R. M. DATE 22 NOV 72

F.B. 2437 PG. 145

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-18 TO B.M. 111-17
B.M. 111-18									B.M. 111-18
1	116	971	417 5	151 81 70	205	161	506 5	240 170 70	ELIZABETH LAKE RD. 0.1 MI. WESTERLY OF 90TH. ST. W
2	87	198	388 5	122 52 70	197	490	498 5	231 163 68	SEE F.B.
				140				138	
3	29	698	330 5	54 4 50	294	280	595 5	½ 294 273 42	
				190				180	⊼ J. MALDONADO
4	12	009	313 5	½ 46 12 68	177	106	478 5	216 138 78	
				258				258	
5	222	748	523 5	256 188 68	91	057	392 5	126 56 70	
				326				328	
6.	118	369	419 5	137 99 38	240	001	541 5	257 223 34	
				364				362	
BM. 111-17								364	B.M. 111-17
	586	993			1205	095		726	ELIZABETH LAKE RD. 0.4 MI. EASTERLY OF 90TH ST. W.
					586	993			
					618	102			SEE F.B. 2437-29

F.B. 2437 PG. 146

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY A.E. DREIER NOTES T. OUASHI 9-20-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR-BREEZE T=72°

TIME 10:50 — INST. NO. 96716

NOTES CHKD ROD NO. 1713 A&B

DATE 22 NOV 72

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM 111-17 TO BM 111-18
BM 111-17									B.M. 111-17
1.	266	019	567 5	294 / 238 56	161	859	462 5	189 / 133 56	ELIZABETH LAKE RD. 0.4 MI. EASTERLY OF 90TH ST. W.
2	76	958	377 5	103 / 49 54	210	360	511 5	237 / 183 54	SEE F.B. 2437-29
				110				110	
3.	188	710	489 5	222 / 154 68	3	289	304 5	1/2 37 / 3 68	
				178				178	⊼ J. MALDONADO RE-RUN
4.	296	638	597 5	1/2 296 / 274 44	35	876	336 5	57 / 13 44	
				222				222	
5	196	962	497 5	229 / 163 66	79	275	380 5	112 / 46 66	
				288				288	
6	183	671	484 5	209 / 157 52	111	131	412 5	137 / 85 52	
				340				340	
7.	164	261	465 5	176 / 152 24	152	716	453 5	163 / 141 22	
				364				362	
B.M. 111-18								364	B.M. 111-18
	1373	219			754	506		726	ELIZABETH LAKE RD. 0.1 MI. WESTERLY OF 90TH ST. W.
	754	506							SEE F.B. 2437-30
+	618	713							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 9-21-72

INDEXED G. D. BAILEY DATE NOV 1 1972

WEATHER CALM - CLEAR INST. NO. 96716

TIME 9:40 - 10:05 ROD NO. 1713 AB

NOTES CHKD. L.R.M. DATE 22 NOV 72

T-82

F.B. 2437 PG. 1447

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM.111-18 TO BM.111-17
BM 111-18									B.M. 111-18
1.	114	401	415 5	149 / 79 70	198	551	499 5	233 / 163 70	ELIZABETH LAKE RD. 0.1 MI.
									WESTERLY OF 90TH. ST W.
2.	80	910	381 5	116 / 44 72	205	732	506 5	240 / 170 70	SEE F.B. 2437-30
				142				140	
3.	52	260	353 5	74 / 30 44	284	484	585 5	306 / 264 42	
				186				182	⊼ J. MALDONADO RE-RUN
4.	5	486	306 5	1/2 32 / 5 54	2~~19~~ 20	044	521 5	248 / 192 56	
				240				238	
5.	173	213	474 5	195 / 151 44	88	933	389 5	110 / 66 44	
				284				282	
6	231	480	532 5	264 / 198 66	198	988	499 5	232 / 164 68	
				350				350	
7	122	722	423 5	129 / 113 16	202	260	503 5	209 / 195 14	
				366				364	
B.M. 111-17								366	B.M. 111-17
	780	472			1398	992		730	ELIZABETH LAKE RD 0.4 MI
					780	472			EASTERLY OF 90TH. ST. W
				-	618	520			SEE F.B. 2437-29

F.B. 2437 PG. 148

SURVEY OF L.A. Co. PRECISE LEVEL NET. JOB NO. 0301.02

SURVEY BY G.E. DREIER NOTES T. OHASHI 9-21-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR-CALM T=88° INST. NO. 96716

TIME 10:05 - 10:40 ROD NO. 1713 A4/B

NOTES CHKD. DATE 22 NOV 72

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY [redacted]. G.E. DREIER
NOTES BY T. OHASHI DATE 9-11-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER Clear Breezy T-70°
TIME 1:10-2:00
NOTES CHKD. L.R.M. DATE 22 NOV 72
INST. NO. 96716
ROD NO. 1713A-B
F.B. 2437 PG. 149

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM. 111-18 TO BM 111-19
B.M. 111-18									B.M. 111-18
1	153	639	454 5	183 / 123 60	21	683	322 5	53 / 21 64	ELIZABETH LAKE RD. 0.1 MI. WESTERLY OF 90TH ST. W.
2	254	118	555 5	274 / 232 42	15	062	316 5	36 / 15 42	SEE F.B 2437-30
				102				106	
3	289	148	590 5	306 / 272 34	7	402	308 5	24 / 7 34	
				136				140	⊼ J. MALDONADO
4	284	894	585 5	300 / 268 32	11	764	312 5	27 / 11 32	
				168				172	
5.	286	912	587 5	307 / 267 40	36	590	337 5	55 / 17 38	
				208				210	
6.	243	157	544 5	271 / 215 56	87	829	388 5	115 / 59 56	
				264				266	
7.	282	062	583 5	303 / 261 42	6	120	307 5	26 / 6 40	
				306				306	
8	27~~3~~2	988	573 5	286 / 258 28	108	868	409 5	122 / 94 28	
				334				334	
9	128	487	429 5	160 / 96 64	141	422	442 5	174 / 108 66	
				398				400	
10	140	863	441 5	162 / 118 44	294	150	595 5	294 / 272 44	
				442				444	
11	21	330	322 5	26 / 16 10	278	952	579 5	282 / 274 8	
				452				452	
12	121	721	422 5	123 / 119 4	171	332	472 5	173 / 169 4	
				456				456	
BM 111-19								456	B.M. 111-19
	2479	319			1181	164		912	ELIZABETH LAKE RD 0.6 MI. WESTERLY OF 90TH ST. W
	1181	174							SEE F.B. 2437-31
	+1298	145							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-19 TO B.M. 111-18
B.M. 111-19									B.M. 111-19
1	295	516	596 5	½ 295 272 46	25	862	326 5	½ 44 25 38	ELIZABETH LAKE RD. 0.6 MI. WESTERLY OF 90TH ST. W.
2	286	743	587 5	306 268 38 84	89 ~~9~~	511	390 5	112 66 46 84	SEE F.B. 2437-31
3	161	955	462 5	187 135 52	229	436	530 5	254 204 50	
4	5 ~~5~~	961	306 5	½ 23 5 136 36 172	295	490	596 5	½ 295 276 134 38 172	⊼ J. MALDONADO
5	41	288 ~~292~~	342 5	75 7 68 240	261	450	562 5	295 227 68 240	
6	15	506	316 5	½ 36 15 42 282	293	627	594 5	½ 292 272 40 280	
7	12	622	313 5	½ 28 12 32 314	295	207	596 5	½ 295 278 34 314	
8	19	312	320 5	½ 33 19 28 342	267	719	568 5	280 254 26 340	
9.	4	963	305 5	½ 25 4 42 384	255	653	556 5	277 233 44 384	
10	42	331	343 5	73 11 62 446	170	564	471 5	200 140 60 444	
B.M. 111-18								446	B.M. 111-18
	886	197			2184	519		890	ELIZABETH LAKE RD 0.1 MI. WESTERLY OF 90TH ST. W.
					886	197			SEE F.B. 2437-30
					1298	322			

F.B. 2437 PG. 150

SURVEY OF L.A. Co. PRECISE LEVEL NET JOB NO. 0301.02

SURVEY BY D.E. DREIER NOTES T. OHASHI 9-20-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR - BREEZY INST. NO. 96716

TIME 10:10 - 10:50 ROD NO. 713A & B

NOTES CHKD. DATE

T = 70°

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-19 TO B.M. 111-20
B.M. 111-19									B.M. 111-19 (U.S.G.S. 1377 LA)
1	185	939	486 5	210 160 50	93	360	394 5	119 67 52	ELISABETH LAKE RD. 0.6 MI. W. 90TH ST. W. SEE F.B. 2437-31
2	276	625	577 5	1/2 276 244 64	19	420	320 5	1/2 48 19 58	
3	224	518	525 5	256 192 64 114	227	415	528 5	259 195 64 110	
4	123	137	424 5	148 98 50 178	54	911	355 5	78 30 48 174	π = OHASHI
5	284	923	585 5	302 266 36 228	19	060	320 5	1/2 42 19 46 222	
6	217	208	518 5	257 177 80 264	133	711	434 5	174 92 82 268	
7	179	928	480 5	205 153 52 344	120	245	421 5	141 99 42 350	
				396				392	
B.M. 111-20								396	B.M. 111-20
	1492	278			668	122		788	ELISABETH LAKE RD. 1.1 MI W. OF 90TH ST. W. SEE F.B. 2437-32
	668	122							
	+824	156							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 9-11-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER WINDY INST. NO 96716

TIME 2:30 TO 3:15 ROD NO 1713AB

NOTES CHKD L.R.M. DATE 22 NOV 72

T = 70°

F.B. 2437 PG. 151

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 152 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-19-72

INDEXED G.D. BAILEY DATE

WEATHER LT. WIND INST. NO. 96716

TIME 2:15 TO 3:00 ROD NO. 17138 B

NOTES CHKD. DATE 22 JUL 72

T = 76°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 111-20 TO B.M. 111-19
B.M. 111-20							B.M. 111-20
1	106 880	407 5	131 81 50	167 293	468 5	190 144 46	ELISABETH LAKE RD. 1.1 MI. W. OF 90TH ST. W. SEE F.B. 2437-32
2	116 790	417 5	149 83 66	141 590	442 5	174 108 66	
3	49 000	350 5	70 116 28 42 158	282 352	583 5	302 112 262 40	
4	11 057	312 5	34 211 46	207 875	508 5	232 152 182 50	
5	241 930	542 5	275 204 207 68	147 180	448 5	182 202 112 70	⊼ = OHASHI
6	13 409	314 5	44 272 13 62	265 395	566 5	300 272 230 70	
7	54 989	355 5	84 334 54 60 394	206 773	507 5	232 342 180 52 394	
B.M. 111-19	594055			1418458		394 788	B.M. 111-19 (U.S.G.S. 1377 LA) ELISABETH LAKE RD. 0.6 MI. W. OF 90TH ST. W. SEE
				594055			
				824 403			

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-20 TO B.M. 111-21
B.M. 111-20							B.M. 111-20
1	237498	5385	250 224 26	49960	350 5	62 36 26	ELISABETH LAKE RD. 1.1 MI. W. OF 90TH ST. W. SEE F.B. 2437-32
2	281375	5825	296 266 30 56	30998	331 5	45 15 30 56	
3	297770	5985	297 273 48 104	82928	383 5	106 58 48 104	
4	2 138988	5395	270 206 64 168	80452	381 5	112 48 64 168	π = OHASHI
5	237083	5385	259 215 44 212	8645	309 5	28 8 40 208	
6	2 174097	5755	274 242 64 276	183250	484 5	217 149 68 276	
7	35786	3365	58 12 46 322	300945	601 5	300 279 42 318	
8	21111	3225	30 12 18 340	237833	538 5	249 225 24 342	
9	91570	3925	114 68 46 386	114311	415 5	136 92 44 386	
10	234875	5355	246 222 24 410	30530	331 5	42 18 24 410	
B.M. 111-21						410	B.M. 111-21
	1950153			1119852		820	ELISABETH LAKE RD. NEAR CULVERT 11.36. SEE F.B. 2437-33
	1119852						
	830301						
	8						

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 9-12-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER CLEAR

TIME 10:15 TO 11:10

NOTES CHKD L.R.M. DATE 22 NOV 72

INST. NO 96716

ROD NO 1713AB

T = 74°

F.B. 2497 PG. 153

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 154 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-19-72

INDEXED G.D. BAILEY DATE

WEATHER LT. WIND INST. NO 96716

TIME 1:30 TO 2:15 ROD NO 71343

NOTES CHKD DATE 22 NOV 72

T = 78°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 111-21 TO B.M. 111-20
B.M. 111-21	4				5				B.M. 111-21
1	12	686	313 5	26 ½ 12 28	229	829	5305	242 216 26	ELISABETH LAKE RD. 1.6 MI W. OF 90TH ST. W. SEE F.B. 2437-33
2	132	828	433 5	155 109 46	87	942	3885	109 65 44	
3	246	128	547 5	259 233 26	9	367	310 5	74 ½ 22 9 80 26	
4	297	503	598 5	100 298 276 42	57	722	3585	77 37 96 40	
5	155	520	456 5	179 131 48	190	996	491 5	142 217 163 136 54	T = OHASHI
6	82	38	309 5	190 ½ 30 2 8 44	275	091	576 5	298 252 190 46	
7	75	252	376 5	234 109 41 68	240	390	541 5	273 207 236 66	
8	54	784	355 5	302 78 30 48	235	755	536 5	258 212 302 46	
9	12	280	313 5	350 ½ 28 2 12 32	263	213	564 5	280 246 348 34	
10	14	318	315 5	382 ½ 30 2 14 32	249	543	550 5	264 234 382 30	
				414				412	
B.M. 111-20								414	B.M. 111-20
	109	537			183	984	8	826	ELISABETH LAKE RD. 1.1 MI W. OF 90TH ST. SEE F.B. 2437-32
					109	537			
					- 83	031	1		

76P52 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED 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 L.A. CO. PRECISE LEVEL NET T-78°
SURVEY BY Maldonado G.E. Dreier DATE 9-12-72 WEATHER Sunny & Calm INST. NO. 86716
NOTES BY DATE TIME 10:10 to 11:45 ROD NO. 1713 A&B
INDEXED D.D. BAILEY DATE NOV 1 1972 NOTES CHKD T.R.M. DATE 22 NOV 72

F.B. 2437 PG. 155

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From BM 111-21 To BM 111-22
BM 111-21								110	BM 111-21
1	296	951	597	5 296 1/2 272 48	87	300	388	5 64 46	Elizabeth Lake Rd., near Culvert
									11.36
2	134	770	435	5 169 99 70	96	952	397	5 132 60 72	See F.B. 2437-33
3	299	387	600	5 299 1/2 267 118 64	38	662	339	5 68 8 118 60	
4	270 ~~269~~	092	571	5 305 233 182 72	104	689	405	5 145 63 178 82	T. Siemann
5	293	842	594	5 293 1/2 265 254 56	9	351	310	5 32 1/2 9 1/2 260 46	
6	228	130	529	5 251 205 310 46	141	601	442	5 169 113 306 56	
7	287	752	588	5 287 1/2 265 356 44	47	890	348	5 70 24 362 46	
8	248	238	549	5 262 234 400 28	117	280	418	5 126 108 408 18	
				428				426	
								428	
	2059	162			643	725		854	
BM 111-22	643	725							BM 111-22
	+1415	437							Elizabeth Lake Rd., 2.1 mi. W'ly of 90th St. W., 2.8 Ft. of L.A.Co. F.P. T. Pole #111-563.
									See F.B. 2437-34

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 111-22 TO BM 111-21
BM 111-22									BM 111-22
1	12	628	313 5	41½ 12½ 58	290	007	591 5	290 2265 50	Elizabeth Lake Rd, 2.1 mi. W'ly.
2	40	540	341 5	68½ 40½ 56	166	075	467 5	198 134 64	of 90th St. W., 2.8 Ft. of L.A.Co. F.D.
3	8	523	309 5	114 31½ 8½ 46	298	101	599 5	114 298½ 271½ 54	T. Pole #111-563
4	63	044	364 5	160 98 28 70	229	810	530 5	168 263 195 68	See F.B. 2437-34
5	39	559	340 5	230 73 5 68	258	000	559 5	236 289 227 62	π-Siemann
6	31	421	332 5	298 58 4 54	192	040	493 5	298 220 164 56	
7	191	451	492 5	352 216 166 50	194	875	495 5	354 219 169 50	
8	55	527	356 5	402 67 43 24	229	128	530 5	404 240 218 22	
				426				426	
								426	
	442	693			1858	036		852	
					442	693			
					1415	343			
BM 111-21									BM 111-21
									Elizabeth Lake Rd. Near
									Culvert #11.36
									See 2437-33

F.B. 2437 PG. 156

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-19-72

INDEXED G. D. BAILEY DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 11:30 to 12:10 ROD NO. 1713 A&B

NOTES CHKD. DATE 22 JUN 72

T-72

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-22 TO BM 111-23
BM 111-22				271				30	BM 111-22
1	257	260	558 5	243 28	15	072	316 5	0 30	Elizabeth Lake Rd., 2.1 mi. W'ly. of 90th St. W., 2.8 Ft. of L.A.Co. F.D. T.Pole # 111-563.
				302				152	
2	267	442	568 5	232 70	117	342	418 5	82 70	See F.B. 2437-34
				216 98				251 100	
3	185	611	486 5	154 62	221	922	522 5	191 60	
				193 160				70 160	
4	161	465	462 5	129 64	37	310	338 5	4 66	T-Siemann
				291 224				85 226	
5	267	957	568 5	243 48	61	526	362 5	37 48	
				253 272				79 274	
6	228	361	529 5	203 50	53	790	354 5	27 52	
				286 322				286 326	
7	286	696	587 5	255½ 62	286	117	587 5	255½ 62	
				152 384				130 388	
8	141	479	442 5	130 22	121	841	422 5	112 18	
				406				406	
								406	
								812	
	1796	271			914	920			
	914	920							
	881	351							
BM 111-23									BM 111-23 Elizabeth Lake Rd., 2.6 mi. W'ly. of 90th St. W., 97 Ft. E. of Culvert No. 12.48 See F.B. 2437-35

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 9-12-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:05 to 1:50 ROD NO. 1713A&B

NOTES CHKD L.R.M. DATE 22 NOV 72

F.B. 2437 Pg. 157

Tf 78°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 Pg. 158 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-19-72

INDEXED G.D. BAILEY DATE

WEATHER Sunny/Windy INST. NO. 96716

TIME 11:00 to 11:30 ROD NO. 1713 A&B

NOTES CHKD DATE 22 NOV 72

T-68°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 111-23 TO BM 111-22
BM 111-23			188			74	BM 111-23
1	166 220	467 5	144 44	53 470	354 5	32 42	Elizabeth Lake Rd., 97 Ft. E. of Culvert No. 12.48, 2.1 mi. W'ly. of 90th St. W.
			114			299	
2	84 677	385 5	54 60	299 755	600 5	274 50	
			102 104			259 92	See F.B. 2437-35
3	80 178	381 5	58 44	232 469	533 5	205 54	
			51 148			214 146	
4	33 523	334 5	15 36	195 280	496 5	176 38	X-Siemann
			67 184			143 184	
5	32 919	333 5	32½ 70	108 651	409 5	73 70	
			206 254			245 254	
6	171 880	472 5	136 70	210 270	511 5	175 70	
			126 324			265 324	
7	98 260	399 5	70 56	237 152	538 5	209 56	
			37 380			249 380	
8	26 611	327 5	15 ~~22~~	238 905	539 5	227 ~~22~~	
			402			402	
	694 248					804	
	6			1575 952			
				694 248			
				881 ~~704~~			
				684			
BM 111-22							BM 111-22
							Elizabeth Lake Rd. ½± 75 Ft. S.E'ly of Mail Box #91 D. Rt 2
							See F.B. 2437-34

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Re-Run				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 111-22 TO BM 111-23
BM 111-22									BM 111-22
1	300	119	601 5	300 1/2 / 285 30	36	439	337 5	53 / 19 34	Elizabeth Lake Rd. & ± 75 Ft. S.E.'ly. of Mail Box # 91D Rt. 2
2	243	270	544 5	278 / 208 70	113	440	414 5	148 / 78 70	See F.B. 2437-34
3	184	040	485 5	219 100 / 149 70	225	558	526 5	261 104 / 189 72	
4	210	871	511 5	240 170 / 180 60	56	925	357 5	85 176 / 27 58	T-Siemann
5	299	160	600 5	299 1/2 230 / 269 2 60	71	930	372 5	101 234 / 41 60	~~Re Run~~
6	246	349	547 5	269 290 / 223 46	29	195	330 5	52 294 / 6 46	RERUN
7	195	020	496 5	220 336 / 170 50	286	301	587 5	286 1/2 340 / 262 2 48	
8	147	791	448 5	156 386 / 138 18	125	249	426 5	134 1/2 388 / 125 2 18	
				404				406 / 404	
	1826	620			945	037		810	
	945	037							
BM 111-23	+881	583							BM 111-23
									Elizabeth Lake Rd., 97 Ft. E. of Culvert No. 12.48
									See F.B. 2437-35

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 9-21-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER Sunny & Br. INST. NO. 96716

TIME 10:55 to 11:25 ROD NO. 1713A&B

NOTES CHKD T.R.M. DATE 22 NOV '72

T-86°

F.B. 2437 PG. 159

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 160 — JOB NO. 0301.02 — T-86'

SURVEY OF L.A. Co. Precise Level Net — INSTR. NO. 96716

SURVEY BY Drexler — NOTES Malamado 9-21-72 — ROD NO. 1713A&B

INDEXED O. BAILEY — DATE — DATE 12 [illegible] 72

WEATHER Sunny & Calm — TIME 1:40 PM — NOTES CHKD.

Re-Run

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 111-23 TO BM 111-22
BM 111-23			210			93	BM 111-23
1	182 206	483 5	154 56	66 098	367 5	39 54	Elizabeth Lake Rd., 97 Ft. ± SE'ly. ~~of Mail Box # 91D, Rt. 2~~ of Culvert No. 12,48
2	12 280	313 5	381, 122 52	263 016	564 5	290 236 54	See F.B. 2437-34
3	91 155	392 5	116 108 66 50	269 550	570 5	294 108 244 50	
4	49 709	350 5	74 158 24 50	243 413	544 5	268 158 218 50	T. Siemann
5	125 291	426 5	150 208 100 50	96 201	397 5	121 208 71 50	Re-Run
6	182 099	483 5	207 258 157 50	196 529	497 5	221 258 171 50	
7	116 801	417 5	141 308 91 50	228 082	529 5	252 308 202 50	
8	88 781	389 5	108 358 68 40	300 313	601 5	300½ 358 280½ 40	
9	123 568	424 5	127 398 119 8	190 062	491 5	194 398 186 8	
			406			406	
						406	
	871 890			1853 264		812	
				871 890			
				881 374			
BM 111-22				881 374			BM 111-22 Elizabeth Lake Rd. 75 Ft. ± SE'ly. of Mail Box 91D, Rt. 2 See F.B. 2437-34

76P52[illegible] CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM 111-23 TO BM 111-24
BM 111-23									BM 111-23
1	206	961	507 5	238 174 64	94	430	395 5	127 61 66	Elizabeth Lake Rd., 2.6 Ft. mi. W'ly. of 90th St. W., 97 Ft. E. of
2	186	915	487 5	216 156 60	14	810	315 5	44½ 14½ 60	Culvert No. 12,48.
3	296	269	597 5	296½ 281½ 124 30	37	512	338 5	52 22 126 30	See F.B. 2437-35
4	299	581	600 5	299½ 284½ 154 30	9	751	310 5	24½ 9½ 156 30	T-Siemann
5	281	859	582 5	296 266 184 30	25	980	326 5	40 10 186 30	
6	280	642	581 5	305 255 214 50	8	848	309 5	32½ 8½ 216 48	
7	281	399	582 5	306 256 264 50	18	542	319 5	41½ 18½ 264 46	
8	276	862	577 5	306 246 314 60	93	062	394 5	124 62 310 62	
9	237	140	538 5	258 216 374 42	17	477	318 5	38 17½ 372 42	
10	197	222	498 5	204 190 416 14	105	188	406 5	113 97 414 16	
				430				430	
								430	
	2544	850			425	600		860	
	425	600							
BM 111-24	+2119	250							BM 111-24 Elizabeth Lake Rd., 3.1 mi. W'ly. of 90th St. W., 87.4 Ft. S.E'ly. of P.P. #767645E. See F.B. 2437-36

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-82°

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 9-12-72 WEATHER Sunny & Br. INST. NO. 96716

INDEXED G.D. BAILEY DATE NOV 1 1972 TIME 1:50 to 2:30 ROD NO. 1713A&B

NOTES CHKD L.R.M. DATE 22 NOV 72

F.B. 2437 PG. 161

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-24 TO BM 111-23
BM 111-24									BM 111-24
1	5	628	306 5	22 1/2 5 34	248	249	549 5	264 232 32	Elizabeth Lake Rd. 3.1 mi. w'ly. of 90th St. W., 87.4 Ft. SE'ly of P.P.
2	46	846	347 5	81 11 70	268	450	569 5	303 233 70	#767645 E.
3	6	222	307 5	33 6 1/2 104 54	277	110	578 5	303 251 102 52	See F.B. 2437-36
4	5	209	306 5	29 5 1/2 158 48	284	627	585 5	284 258 1/2 154 52	π-Siemann
5	13	588	314 5	31 13 1/2 206 36	280	538	581 5	297 263 206 34	
6	17	438	318 5	30 4 242 26	295	578	596 5	295 281 1/2 240 28	
7	21	830	322 5	36 6 268 30	256	221	557 5	271 241 268 30	
8	12	342	313 5	37 12 1/2 298 50	224	001	525 5	250 198 298 52	
9	115	689	416 5	154 76 348 78	229	610	530 5	268 190 350 78	
				446				428	
								446	
	244	792			2364	384		854	
					244	792			
					2119	592			
BM 111-23									BM 111-23
									Elizabeth Lake Rd., 97 Ft. E. of Culvert No. 12.48
									See F.B. 2437-35

T-72°

F.B. 2437 PG. 162

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-19-72

INDEXED G.D. BAILEY DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 10:20 to 11:00 ROD NO. 1713 A&B

NOTES CHKD. DATE 22 NOV 72

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM 111-23 TO BM 111-24
BM 111-23				235				138	BM 111-23
1	209	618	510 5	183 52	112	791	413 5	86 52	Elizabeth Lake Rd., & Culvert
				197				123	No. 12.48
2	172	630	473 5	147 50	98	590	399 5	73 50	See F.B. 2437-35
				281 102				38 102	
3	261	261	562 5	241 40	17	230	318 5	17½ 42	
				295 142				24 144	
4	295	318	596 5	280½ 30	9	306	310 5	9½ 28	T-Siemann
		88		304 172				66 172	
5	292	881	593 5	280 24	54	000	355 5	42 24	Re-Run
				293 196				59 196	
6	293	540	594 5	270½ 46	36	685	337 5	13 46	
				291 242				32 242	
7	291	550	592 5	268½ 46	9	716	310 5	9½ 46	
				301 288				80 288	
8	301	516	602 5	276½ 50	54	281	355 5	28 52	
				235 338				98 340	
9	210	822	511 5	185 50	73	610	374 5	48 50	
				288 388				31 390	
10	269	838	570 5	250 38	13	142	314 5	13½ 36	
				426				426	
								426	
BM 111-24	259	897			479	351		852	BM 111-24
	479	351						852	Elizabeth Lake Rd., near Mail Box
	+211	962							No. 11780, C.A. Freeman.
									See F.B. 2437-36

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. Drexler

NOTES BY Maldonado DATE 9-21-72

INDEXED G. D. BAILEY DATE NOV 1 1972

WEATHER Sunny & Br. INST. NO. 96716

TIME 11:25 to ROD NO. 1713A&B

NOTES CHKD. T. R. M. DATE 22 NOV 72

T-88°

F.B. 2437 PG. 163

F.B. 2437 PG. 164

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES

INDEXED DATE

WEATHER INST. NO. 96716

TIME ROD NO. 1713 A&B

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 9-12-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER T=78° CLEAR ~~[illegible]~~
TIME 2:30
NOTES CHKD L.R.M. DATE 22 NOV '72
INST. NO. 96716
ROD NO. 1713 A&B
F.B. 2437 PG. 165

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM 111-24 TO B.M. 111-25
BM 111-24									BM. 111-24
1	158	892	459 5	191 / 125 66	67	783	368 5	98 / 36 62	ELIZABETH LAKE RD. 3.1 MI. WESTERLY OF 90TH. ST. W. HOUSE #11780
2	261	761	562 5	292 / 230 62	4	734	305 5	½ 33 / 4 58	SEE F.B. 2437-36
				128				120	
3	280	233	581 5	298 / 262 36	52	823	353 5	74 / 30 44	⊼ J. MALDONADO
				164				164	
4.	264	821	565 5	279 / 249 30	39	788	340 5	53 / 25 28	
				194				192	
5	276	159	577 5	302 / 250 52	64	257	365 5	89 / 39 50	
				246				242	
6.	174	627	475 5	193 / 155 38	221	458	522 5	240 / 202 38	
				284				280	
7.	32	148	333 5	49 / 15 34	204	128	505 5	223 / 185 38	
	~~170~~	~~234~~	~~471 5~~	~~195 / 145~~ 318				318	
8	170	234	471 5	195 / 145 50	7	091	308 5	½ 31 / 7 48	
				368				366	
9.	299	382	600 5	½ 399 / 280 38	21	631	322 5	39 / 3 36	
				406				402	
10.	283	569	584 5	302 / 264 38	76	062	377 5	97 / 55 42	
				444				444	
11.	170	651	471 5	174 / 166 8	118	940	419 5	122 / 114 8	
				452				452	
BM. 111-25								452	B.M. 111-25
	2372	477			878	695		904	ELIZABETH LAKE RD 0.15 MI. WEST OF CULVERT #13.40
	878	695							SEE F.B. 2437-37
	+1493	782							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM. 111-25 TO B.M. 111-24
BM. 111-25													B.M. 111-25
1	41	111	342	5	62 / 20	42	245	011	546	5	266 / 224	42	ELIZABETH LAKE RD. 0.15 MI. WEST OF CULVERT #13.40
2	9	645	310	5	½ 29 / 9	40	294	798	595	5	½ 294 / 274	40	SEE F.B. 2437-37
						82						82	
3	29	800	330	5	44 / 14	30	224	878	525	5	239 / 209	30	
						112						112	⊼ J. MALDONADO
4	138	891	439	5	163 / 113	50	46	012	347	5	72 / 20	52	
						162						164	
5	263	491	564	5	282 / 244	38	122	912	423	5	141 / 103	38	
						200						202	
6	46	182	347	5	72 / 20	52	266	598	567	5	292 / 240	52	
						252						254	
7.	23	442	324	5	41 / 5	36	253	045	554	5	270 / 236	34	
						288						288	
8	5	914	306	5	½ 32 / 5	54	296	893	597	5	296 / 271	50	
						342						338	
9.	6	741	307	5	½ 34 / 6	56	244	689	545	5	274 / 214	60	
						398						398	
10.	95	673	396	5	121 / 69	52	159	971	460	5	186 / 132	54	
						450						452	
B.M. 111-24												450	B.M. 111-24
	660	890					2154	807				902	ELIZABETH LAKE RD. ~~100~~ WEST OF HOUSE #11780 SE
							660	890					
							1493	917					

F.B. 2437 PG. 166 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 9-18-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR-WINDY INST. NO. 96716

TIME 2:10 - 2:55 ROD NO. 1713A&B

NOTES CHKD. DATE 22 NOV 72

T = 76°

76P52[illegible] CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-25 TO BM-111-26
B.M. 111-25									B.M. 111-25
1	30	528	331 5	35 25 10	249	127	550 5	255 243 12	ELIZABETH LAKE RD. 0.15 MI WEST OF CULVERT # 13.40
2	52	867	353 5	73 31 42	296	263	597 5	1/2 296 274 44	SEE F.B. 2437-37
3	68	806	369 5	94 42 52 52	109	872	410 5	135 83 56 52	
4.	29 6/5	046	597 5	1/2 296 272 104 48	111	018	412 5	135 87 108 48	⊼ J. MALDONADO
5.	239	061	540 5	264 214 152 50	176	081	477 5	199 153 156 46	
6.	34	498	335 5	47 21 202 26	276	176	577 5	289 263 202 26	
7.	25	641	326 5	39 11 228 28	243	739	544 5	262 224 228 38	
8.	141	287	442 5	176 106 256 70	98	829	399 5	129 67 266 62	
9	224	181	525 5	248 200 326 48	79	292	380 5	101 57 328 44	
B.M. 111-26				374				372 374	B.M. 111-26
	1112	915			1640	397		746	ELIZABETH LAKE RD. 1.4 MI. EESTERLY OF SAN FRANCISQUITO CYN. RD
					1112	915			SEE F.B. 2437-38
					527	482			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 9-13-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER CLEAR

TIME 10:20 - 11:05

NOTES CHKD. E.R.M. DATE 22 NOV '72

INST. NO. 96716

ROD NO. 1713 [illegible]

T = 84°

F.B. 2437 PG. 167

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-26 TO B.M. 111-25
B.M. 111-26									B.M. 111-26
1.	90	226	391 5	114 / 66 48	244	969	545 5	266 / 222 44	ELIZABETH LAKE RD. 1.4 MI. EASTERLY OF SAN FRANCISQUITO CYN RD
2.	102	810	403 5	134 / 70 64	153	771	454 5	184 / 122 62	SEE F.B. 2437-38
				112				106	
3.	205	866	506 5	220 / 190 30	7	749	308 5	24 / 1/2 7 34	
				142				140	⊼ J. MALDONADO
4.	292	712	593 5	308 / 278 30	22	927	323 5	36 / 8 28	
				172				168	
5	143	398	444 5	170 / 116 54	188	154	489 5	215 / 161 54	
				226				222	
6.	56	498	357 5	79 / 33 46	271	767	572 5	296 / 246 50	
				272				272	
7.	138	061	439 5	162 / 114 48	76	831	377 5	101 / 51 50	
				320				322	
8.	284	881	585 5	303 / 265 38	61	872	362 5	79 / 43 36	
				358				358	
9.	285	343	586 5	291 / 279 12	44	323	345 5	50 / 38 12	
				370				370	
B.M. 111-25								370	B.M. 111-25
	1599	795			1072	363		740	ELIZABETH LAKE RD. 0.15 MI. WEST OF CULVERT # 13.40
	1072	363							SEE F.B. 2437-37
	+ 527	432							

F.B. 2437 PG. 168

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET.

SURVEY BY G.E. DREIER NOTES T. OHASHI 9-18-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR-WINDY INST. NO. 96716

TIME 1:25 - 2:10 ROD NO. 1713A & B

NOTES CHKD. DATE 22 NOV 72

T=74°

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-26 TO B.M. 111-27
BM.111-26									B.M. 111-26
1	294	108	595 5	½ 294/263 62	23	273	324 5	½ 54/23 62	ELIZABETH LAKE RD. 1.4 MI. EASTERLY OF SAN FRANCISQUITO CY'N RD.
2	190	491	491 5	224/156 68	74	774	375 5	107/41 66	SEE F.B. 2437-38
				130				128	
3	294	349	595 5	½ 294/272 44	24	139	325 5	45/3 42	
				174				170	⊼ J. MALDONADO
4	296	052	597 5	½ 296/270 52	12	678	313 5	½ 36/12 48	
				226				218	
5	267	943	568 5	298/236 62	14	055	315 5	½ 49/14 70	
				288				288	
6	247	072	548 5	280/214 66	104	926	405 5	138/78 68	
				354				356	
7	162	922	463 5	182/142 40	135	946	436 5	153/117 36	
				394				392	
B.M. 111-27								394	B.M. 111-27
	1752	937			389	791		786	ELIZABETH LAKE RD. 0.9 MI. EAST OF SAN FRANCISQUITO CY'N RD
	389	791							SEE F.B. 2437-39
+	1363	146							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 9-13-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER T=82° CLEAR-BREEZE INST. NO. 96716

TIME 11:05-11:30 ROD NO. 7113A

NOTES CHKD L.R.M. DATE 22 NOV 72

F.B. 2437 PG. 169

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-27 TO B.M. 111-26
B.M. 111-27									B.M. 111-27
1	117	589	418 5	152 82 70	188	832	489 5	223 153 70	ELIZABETH LAKE RD. 0.9 MI. EAST OF SAN FRANCISQUITO CYN RD.
2	63	870	364 5	96 30 66	290	100	591 5	290 258 64	SEE F.B. 2437-39
				136				134	
3	63	251	364 5	94 32 62	294	066	595 5	294 267 54	
				198				188	⊼ J. MALDONADO
4	5	172	306 5	28 25 46	291	673	592 5	291 265 52	
				244				240	
5.	16	873	317 5	38 16 44	232	973	533 5	259 205 54	
				288				294	
6	110	229	411 5	136 84 52	205	053	506 5	228 182 46	
				340				340	
7	40	819	341 5	66 14 52	278	130	579 5	304 252 52	
				392				392	
B.M. 111-26								392	B.M. 111-26
	417	803			1780	827		784	ELIZABETH LAKE RD. 1.4 MI. EASTERLY OF SAN FRANCISQUITO CYN. RD.
					417	803			SEE F.B. 2437-38
					1363	024			

F.B. 2437 PG. 170

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 9-18-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR ~~BREEZY~~ WINDY INST. NO. 96716

TIME 11:40 ROD NO. 1713 A&B

NOTES CHKD DATE 22 NOV 72

T = 78°

76P523 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-27 TO B.M. 111-28
B.M. 111 27							B.M. 111-27
1	127890	428 5	158 96 62	20728	321 5	1/2 51 20 62	ELISABETH LAKE RD. NEAR CULVERT
							= 14.49 SEE F.B. 2437-39
2	288405	589 5	301 275 26	45155	346 5	58 32 26	
			88			88	
3	293168	594 5	1/2 293 267 52	82477	383 5	106 58 48	
			140			136	
4	51433	352 5	80 22 58	223570	524 5	251 195 56	
			198			192	
5	100422	401 5	133 67 66	118290	419 5	151 85 66	
			264			258	
6	212336	513 5	241 183 58	7720	308 5	40 7 66	π = OHASHI, TORU
			322			324	
7	231430	532 5	255 207 48	216599	517 5	239 193 46	
			370			390	
8	13831	314 5	1/2 28 13 30	293210	594 5	1/2 293 279 28	
			400			398	
9	12884	313 5	23 1 22	225884	526 5	238 212 26	
			422			424	
10	59893	360 5	68 50 18	224408	525 5	234 214 20	
			440			444	
B.M. 111-28						440	B.M. 111-28
	~~202~~ 692			1458041		884	ELISABETH LAKE RD. 0.35 MI. E. OF
	1391			1391 ~~202~~ 692			SAN FRANCISQUITO CN. RD.
				66			SEE F.B. 2437-40
				~~1255~~ 349			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 9-13-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER LT. WIND INST. NO 96716

TIME 2:15 TO ROD NO 1713A13

NOTES CHKD. I R M DATE 22 NOV 72

T = 88°

F.B. 2437 PG. 171

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-28 TO B.M. 111-27
B.M. 111-28									B.M. 111-28
1	281	038	582 5	294 268 26	51	142	352 5	64 38 26	ELIZABETH LAKE RD. 0.35 MI. E OF SAN FRANCISQUITO CN. RD.
2	277	505	578 5	290 264 26	12	769	313 5	1/2 25 12 26	SEE F.B. 2437-40
3	295	070	596 5	1/2 295 272 52 46	50	823	351 5	72 28 52 44	
4	19	311	320 5	1/2 42 19 98 46	261	055	562 5	284 238 96 46	
5	88	697	389 5	121 55 144 66	173	702	474 5	204 142 142 62	π = TORU OHASHI
6	156	339	457 5	191 121 210 70	19	411	320 5	1/2 53 19 204 69	
7	196	758	497 5	228 164 280 64	288	919	589 5	1/2 288 252 272 72	
8	25	190	326 5	41 9 344 32	287	339	588 5	303 271 344 32	
9	7	380	308 5	1/2 37 7 376 60	135	750	436 5	166 104 376 62	
				436				438	
B.M. 111-27								436	B.M. 111-27
	1347	288			1280	910		874	ELISABETH LAKE RD. NEAR CULVERT #14.49 SEE F.B. 2437-39
	1280	910							
+	66	378							

F.B. 2437 PG. 172

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Dreier NOTES SIEMANN 9-18-72

INDEXED G.D. BAILEY DATE

WEATHER LT. BREEZE INST. NO. 96716

TIME 10:40 TO 11:30 ROD NO. 1713 A-B

NOTES CHKD. DATE 22 NOV 72

T = 78°

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-28 TO BM 111-29
BM 111-28									~~BM 111-28~~
	67	879	368 5	80 54 26	289	090	590 5	301 277 24	Elizabeth Lake Rd., 0.35 mi. E. of San Francisquito Rd.
									See F.B. 2437-40
2	15	254	316 5	25 5 20	288	960	589 5	298 278 20	
3	14	478	315 5	23 5 46 18	252	329	553 5	262 242 44 20	
									π-Siemann
4	54	795	355 5	82 26 64 56	228	481	529 5	256 200 64 56	
5	106	341	407 5	136 76 120 60	239	820	540 5	269 209 120 60	
6	4	000	305 5	20 4½ 180 32	269	100	570 5	287 251 180 36	
7	95	503	396 5	124 66 212 58	213	917	514 5	241 185 216 56	
				270				272	
								270	
	358	250			1781	697		542	
					358	250			
					1423	447			
BM 111-29									BM 111-29 (U.S.G.S. 3403 LA. RES et Sept. 1939) Elizabeth Lake Rd. & San Francisquito Cyn. Rd. See F.B. 2437-41

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 9-14-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER Sunny Calm INST. NO. 96716

TIME 10:20 to 10:50 ROD NO. 173 [illegible]

NOTES CHKD L.R.M. DATE 22 NOV 72

T-84°

F.B. 2437 PG. 173

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-15-74

INDEXED G. D. BAILEY DATE

T-940

WEATHER Sunny Cal TIME 1:10 to 1:35 NOTES CHKD

INST. NO. 76716 ROD NO. 713 DATE 22 NOV 76

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM 111-29 TO BM 111-28
BM 111-29				239					124		BM 111-29 (U.S.G.S. 3403 L.A. RESET)
1	211	690	512 5	183	56	95	658	396 5	66	58	Elizabeth Lake Rd. & San Francisquito Cyn. Rd.
				296 1/2					29 1/2		
2	296	092	597 5	271	50	9	888	399 5	9	40	See F.B. 2437-41
				253	106				153	98	
3	234	422	535 5	215	38	128	095	429 5	103	50	
				252	144				107	148	
4	221	452	522 5	190	62	77	988	378 5	47	60	T-Dreier
				254	206				40	208	
5	244	165	545 5	234	20	30	399	331 5	20	20	
				303	226				181 1/2	228	
6	292	121	593 5	281	22	7	489	308 5	7	22	
				277	248				69	250	
7	268	238	569 5	259	18	60	195	361 5	51	18	
				204	266				139	268	
8	199	900	500 5	194	10	135	748	436 5	131	8	
					276					276	
										276	
										552	
BM 111-28	1968	580				545	460				BM 111-28
	545	460									Elizabeth Lake Rd. & 0.35 mi. E. of San Francisquito Rd.
	+ 1423	120									See F.B. 2437-40

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. DUASHI DATE 10-5-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER CLEAR-BREEZY INST. NO. 9674

TIME 9:45-10:20 ROD NO. 1713A&B

NOTES CHKD L.R.M. DATE 22 NOV 72

F.B. 2437 PG. 175

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 111-29 TO B.M. 111-28
B.M. 111-29													B.M. 111-29 (U.S.G.S. 3403 L.A. RESET SEPT. 1939)
1	199	725	500	5	222 / 176	46	101	581	402	5	126 / 76	50	ELIZABETH LAKE RD & SAN FRANCIS QUITO CN RD.
2	258	511	559	5	278 / 238	40 / 86	29	162	330	5	48 / 10	38 / 88	SEE F.B. 2437-41
3	298	060	599	5	½ 298 / 278	40 / 126	128	839	429	5	148 / 108	40 / 128	
4	202	002	503	5	228 / 176	52 / 178	76	908	377	5	101 / 51	50 / 178	R. SIEMANN
5	247	560	548	5	267 / 227	40 / 218	39	442	340	5	59 / 19	40 / 218	RERUN
6	291	079	592	5	303 / 279	24 / 242	36	439	337	5	48 / 24	24 / 242	
7	291	999	592	5	302 / 280	22 / 264	17	599	318	5	29 / 5	24 / 266	
8	198	928	499	5	203 / 193	10 / 274	134	644	435	5	138 / 138	8 / 274	
												274 / 548	
	1987	864					564	614					
	564	614											
B.M. 111-28	1423	250											B.M. 111-28 ELIZABETH LAKE RD. 0.35 MI. E. OF SAN FRANCISQUITO CN. RD, SEE F.B. 2437-40

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 111-28 TO BM. 111-29
BM. 111-28									B.M. 111-28
1	26	223	327 5	1/2 40 26 28	284	222	585 5	298 270 28	ELIZABETH LAKE RD 0.35 MI. E. SAN FRANCISQUITO CYN RD.
2	6	308	307 5	1/2 16 6 20	292	547	593 5	306 228 28	SEE F.B 2437-40
				48				56	
3	5	422	306 5	1/2 26 5 42	256	838	557 5	277 235 42	
				90				98	⊼ G.E. DREIER - RE-RUN
4	68	239	369 5	93 43 50	190	432	491 5	210 170 40	
				140				138	
5	104	065	405 5	134 74 60	298	810	599 5	298 224 48	
				200				186	
6.	3	171	304 5	1/2 26 3 46	259	570	560 5	289 229 60	
				246				246	
7	139	130	440 5	155 123 32	193	391	494 5	209 177 32	
				278				278	
B.M. 111-29								278	B.M. 111-29
	352	558			1775	810		556	ELIZABETH LAKE RD & SAN FRANCISQUITO CY'N RD.
					352	558			
					1423	252			

F.B. 2437 PG. 176

JOB NO. 030102

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OWASH 9-21-72

INDEXED G.D. BAILEY DATE

WEATHER T = 90° CLEAR CALM INST. NO. 96716

TIME 2:26 — ROD NO. 1713 A&B

NOTES CHKD. DATE 22 NOV 72

76P526 CE # 308 3-61

PLEASE RETURN TO
L ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR ED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 9-18-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER Sunny & Calm TIME 10:55 AM
NOTES CHKD L.R.M. DATE
ROD NO. 77/3 & 22 INST. NO. 36716
T-84°
F.B. 2437 Pg. 177

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia
BM 111-29				73				275
1	56590		3575	39 34	258335		5595	241 34
2	168389		4695	197 139 58	171413		4725	201 141 60
3	14951		3155	28 0 92 28	270930		5715	284 94 256 28
4	14212		3155	26 2 120 24	291709		5925	306 122 276 30
5	82831		3835	116 48 144 68	171430		4725	204 152 138 66
6	4630		3055	21 4 1/2 212 34	256460		5575	272 218 240 32
7	6614		3075	21 1/2 6 1/2 246 30	293614		5945	306 250 280 26
8	42750		3435	57 27 276 30	231440		532	246 270 216 30
9	33192		3345	57 9 306 48	224630		5255	247 306 201 46
10	36082		3375	53 19 354 34	283497		5845	301 356 265 36
11	73351		3745	104 42 388 62	260772		5615	291 388 229 62
12	80494		3815	114 46 450 68	208920		5095	242 458 174 68
13	90690		3915	120 ~~80~~ 518 60	233308		5345	264 518 202 62
14	160622		461	190 130 578 60	14839		3155	44 1/2 580 14 1/2 60
15	222655		523	227 217 638 10	105362		4065	109 640 101 8
BM 111-30	1088053			658	3276659			648 648

From BM 111-29 To BM 111-30

BM 111-29 (L.A. RESET Sept. 1939) (U.S.G.S. 3403)
Elizabeth Lake Rd. & San Francisquito Cyn. Rd.
See F.B. 2437-41

T-Siemann

-3276.659
+1088.053
-2188.606

BM 111-30 (U.S.F.R. BOUNDARY Post No. 83)
Elizabeth Lake Rd. & Johnson Rd.
See F.B. 2437-42

1296

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-30 TO BM 111-29
BM 111-30									BM 111-30 (U.S.F. RESERVE Bdry. Post No. 83)
1	6	059	307 5	17½ 6 22	242	038	543 5	254 230 24	Elizabeth Lake Rd. & Johnson Rd. See F.B. 2437-42
2	108	626	409 5	139 77 62	93	520	394 5	124 62 62	
3	217	665	518 5	245 189 84 56	107	701	408 5	135 79 86 56	
4	230	405	531 5	265 195 140 70	64	577	365 5	98 30 142 68	T-Dreier
5	232	290	533 5	261 203 210 58	29	040	330 5	58 0 210 58	
6	285	120	586 5	300 270 268 30	72	871	373 5	87 57 268 30	
7	238	130	539 5	259 217 298 42	88	174	389 5	113 63 298 50	
8	291	291	592 5	291½ 272½ 340 38	11	730	312 5	28½ 11½ 348 34	
9	293	283	594 5	293½ 278½ 378 30	18	690	319 5	31 5 382 26	
10	296	494	597 5	296½ 275½ 408 42	91	658	392 5	113 69 408 44	
11	175	803	476 5	202 148 450 54	39	209	340 5	64 14 452 50	
12	254	320	555 5	263 245 504 18	4 32	511	343 5	51 33 502 18	
13	283	888	584 5	302 264 522 38	5	282	306 5	23½ 5½ 520 36	
14	168	849	469 5	191 145 560 46	187	919	488 5	211 163 556 48	
15	238	714	539 5	254 222 606 32	36	881	337 5	54 18 604 36	
				638				640	
								638	BM 111-29 (U.S.G.S. 3403 L.A. RESET Sept. 1939)
	3320	937			1131	801		1278	Elizabeth Lake Rd. & San Francisquito Cyn Rd. See F.B. 2437-41
	1131	801							
BM 111-29	+2189	136							

F.B. 2437 Pg. 178

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-15-72

INDEXED G.D. BAILEY DATE

JOB NO. 0301.02

WEATHER Sunny & Calm INST. NO. 96716

TIME 12:15 to 1:05 ROD NO. 1713 A&B

NOTES CHKD DATE 22 NOV 72

T-94°

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 111-29 TO BM 111-30
BM 111-29									BM 111-29 (U.S.G.S. 3403 LA RESET Sept. 1939)
1	33	138	334 5	55 1/2 33 2 / 221 44	232	775	533 5	254 210 44	
2	189	855	490 5	157 64	294	600	595 5	294 1/2 263 2 / 298 1/2 106	Elizabeth Lake Rd. & San Francisquito Cyn. Rd
3	4 5	039	346 5	55 108 35 20 / 15 128	298	125	599 5	287 1/2 22 / 251 128	See F.B. 2437-41
4	3	951	304 5	3 1/2 24	238	700	539 5	225 26	
5	98	423	399 5	130 152 98 1/2 64	154	607	455 5	182 154 126 56	T-Dreier
6	77	497	378 5	92 216 62 30	299	823	600 5	299 1/2 210 284 1/2 30	Re-Run
7	43	352	344 5	54 246 32 22	283	720	584 5	294 240 272 22	
8	12	311	313 5	29 1/2 268 12 1/2 34	248	939	549 5	265 262 231 34	
9	77	432	378 5	96 302 58 38	240	950	541 5	261 296 219 42	
10	6	999	307 5	32 1/2 340 6 1/2 52	300	785	601 5	300 1/2 338 270 1/2 60	
11	57	378	358 5	86 392 28 58	252	340	553 5	280 398 224 56	
12	81	819	382 5	114 450 48 66	202	631	503 5	234 454 170 64	
13	77	813	378 5	111 516 43 68	225	154	526 5	258 518 192 66	
14	180	134	481 5	206 584 154 52	6	270	307 5	31 1/2 584 6 1/2 50	
15	212	171	513 5	216 636 208 8	107	000	408	112 634 102 10	BM 111-30 (U.S.F.R. BOUNDARY POST No. 83)
	1195 7	312		644	3386	419		644	Elizabeth Lake Rd. & Johnson Rd.
					1195 7	312		644	See F.B. 2437-42
					2189	107		1288	
BM 111-30									

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. Dreier DATE 9-25-72

NOTES BY Maldonado DATE NOV 1 1972

INDEXED G. D. BAILEY DATE

WEATHER Sunny & Windy

TIME 10:00 to 11:05

NOTES CHKD L. R. M. DATE

T-68°

F.B. 2437 PG. 179

ST. NO. 96716

ROD NO. 1713 A&B

22 NOV '72

F.B. 2437 PG. 180

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES

INDEXED DATE

WEATHER INST. NO 96716

TIME ROD NO 1713A&B

NOTES CHKD DATE 22 NOV 72

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes 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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T-84°

F.B. 2437 PG. 181

SURVEY BY G. E. Dreier WEATHER INST. NO. 96716

NOTES BY Maldonado DATE 9-14-72 TIME 1:00 to 1:05 ROD NO. 1713AEB

INDEXED G. D. BAILEY DATE NOV 1 1972 NOTES CHKD. L. R. M. DATE 22 NOV '72

PLEASE RETURN TO

L. ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR ...LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 111-30 TO BM 111-30A
BM 111-30									BM 111-30 (U.S.F.R. Boundary Post 83)
	171	618	472 5	177				89	Elizabeth Lake Rd. & Johnson
	83	971		165 12	83	971	384 5	77 12	Rd. See F.B. 2437-42
	+87	647						12	
								24	π-Dreier
BM 111-30A									BM 111-30A
									Elizabeth Lake Rd. & Johnson Rd.
									See F.B. 1847-70

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 182 JOB NO. 0301.02 T-94°

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-15-72

INDEXED G.D. BAILEY DATE

WEATHER Sunny/Calm INST. NO. 96716

TIME 11:05-70 11:10 ROD NO. 17134 & B

NOTES CHKD. L.R.M. DATE 22 NOV 72

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 111-30A TO BM 111-30
BM 111-30A				86 1/2				180	BM 111-30A
1	86	870	387	5 80 1/2 12	174	520	475	168 12	Elizabeth Lake Rd. & Johnson Rd. See F.B. 1847-70
					86	870		1/2	
					-87	650		24	
									K-Dreier
BM 111-30									BM 111-30 (U.S.F.R. Boundary Post No. 83) Elizabeth Lake Rd. & Johnson Rd. See F.B. 2437-42

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 9-14-72
INDEXED G. D. BAILEY DATE NOV 1 1972
WEATHER Sunny & Calm INST. NO. 96716
TIME 1:05 to 1:45 ROD NO. 1713A/B
NOTES CHKD L. R. M. DATE 22 NOV 72
T-84°
F.B. 2437 PG. 183

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM BM 111-30A TO BM 111-31
BM 111-30A											BM 111-30A
1	25	685	326 5	43 7	36	211	324	512 5	229 193	36	Elizabeth Lake Rd. & Johnson Rd.
2	5	667	306 5	33 1/2 5	56	200	248	501 5	228 172	56	See F.B. 1847-70
3	56	780	357 5	81 31	92 50	245	508	546 5	269 221	92 48	T-Dreier
4	107	290	408 5	136 78	142 58	177	950	478 5	205 149	140 56	
5	24	850	325 5	49 -1	200 50	289	850	590 5	289 1/2 266	196 46	
6	75	192	376 5	100 50	250 50	155	931	456 5	185 125	242 60	
7	143	312	444 5	172 114	300 58	213	332	514 5	243 183	302 60	
8	74	085	375 5	101 47	358 54	218	100	519 5	246 190	362 56	
9	53	385	354 5	85 21	412 64	257	780	558 5	285 229	418 56	
					476					474	
										476	
	566	246				1970	023			950	
						566	246				
						1403	777				
BM 111-31											BM 111-31
											Elizabeth Lake Rd. & Ranch Club Rd
											See F.B. 2437-43

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-31 TO BM 111-30A
BM 111-31									BM 111-31
1	254	307	555 5	284 224 60	45	675	346 5	77 13 64	Elizabeth Lake Rd. & Ranch Club Rd.
									See F.B. 2437-43
2	223	947	524 5	251 195 56	73	860	374 5	102 44 58	
3	205	105	506 5	234 176 58 116	130	918	431 5	160 100 60 122	T-Dreier
4	153	317	454 5	183 123 60 174	60	913	361 5	90 30 60 182	
5	261	640	562 5	274 248 26 234	62	346	363 5	75 49 26 242	
6	224	452	525 5	248 200 48 260	170	718	471 5	190 150 40 268	
7	212	337	513 5	238 186 52 308	45	221	346 5	72 18 54 308	
8	245	734	546 5	274 216 58 360	71	638	372 5	100 42 58 362	
9	275	330	576 5	299 251 48 418	52	341	353 5	75 29 46 420	
10	223 ~~173~~	918 ~~885~~	524 5 ~~474 5~~	227 ~~177~~ ~~169~~ 219 466 8 474	162	641	463 5	165 159 466 6 472	
BM 111-30A								474 946	BM 111-30A
	2280	087			876	271			Elizabeth Lake Rd. & Johnson Rd.
	876	271							See F.B. 1847-70
	+1403	816							

T-94°

F.B. 2437 PG. 184 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-15-72

INDEXED G.D. BAILEY DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 10:25 to 11:05 ROD NO. 1713A&B

NOTES CHKD L. R. M. DATE 22 NOV '72

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 111-31 TO BM 111-31A
BM 111-31			111			236	BM 111-31
1	79 849	380 5	47 64	206 333	507 5	176 60	Elizabeth Lake Rd. & Ranch Club Rd
			133			229	See F.B. 2437-43
2	119 204	420 5	105 28	213 138	514 5	197 32	
			92			92	T- Dreier
						92	
	199 053			419 471		184	B.M. 111-31A (P.C. 23)
				199 053			Elizabeth Lake Rd. & Poekaboo Rd.
BM 111-31A				220 418			See F.B. 1847-73

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 9-14-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER Sunny & Br. INST. NO. 96716

TIME 1:45 to 2:50 ROD NO. 1713A&B

NOTES CHKD L.R.M. DATE 22 NOV 72

T- 84°

F.B. 2437 PG. 185

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 111-31A TO BM 111-31
BM 111-31A									BM 111-31A (P.C. 23)
1	261	455	562 5	289 233 56	125	090 ~~135~~	426 5	153 97 56	Elizabeth Rd. & Peekaboo Rd. see F.B. 1847-73
~~2~~	~~239~~	~~786~~	~~540 5~~	~~271 207 64~~					
									π-Dreier
2	182	951	483 5	201 ~~120~~ 163 38	98	999	399 5	116 80 36	
				94				92 ~~94~~	
	444	406			224	089		186	BM 111-31
	224	089							Elizabeth Lake Rd. &
BM 111-31	+220	317							Ranch Club Rd.
									see F.B. 2437-43

F.B. 2437 PG. 186 JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-15-72

INDEXED G.D. BAILEY DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 10:15 to 10:25 ROD NO. 1713A&B

NOTES CHKD L. R. M. DATE 22 NOV 72

T-94°

76P526 CE # 308 3-61

PLEASE RETURN TO
L. ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELLED 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 L.A. CO. PRECISE LEVEL NET.
SURVEY BY G.E. DREIER DATE 9-14-72 WEATHER 82° & BREEZE
NOTES BY G.E. DREIER TIME 1145 SKY: CLOUDS INST. NO. 96716
INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD L.R.M. DATE 22 NOV 72 ROD NO. 17134-8
F.B. 2437 PG. 187

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 111-31A TO B.M. 111-32
B.M. 111-31A							B.M. 111-31A (P.C.23)
1	270191	571 5	294 / 246 48	172 792	473 5	195 / 149 46	ELIZABETH LAKE RD. & PEEKABOO RD. SEE F.B. 1847-73
2	210 202	511 5	237 / 183 54	108 097	409 5	126 / 90 36	
3	258 157	559 5	280 / 236 102 / 44	90 877	391 5	121 / 59 82 / 62	T J. MALDONADO
4	242 827	543 5	267 / 217 146 / 50	95 349	396 5	121 / 69 144 / 52	
5	68468	369 5	101 / 35 196 / 66	234 478	535 5	266 / 202 196 / 64	
6	21 167	322 5	42 / 0 262 / 42	249 630	550 5	269 / 229 260 / 40	
7	202 035	503 5	236 / 168 304 / 68	10 575	311 5	45 / 10 300 / 70	
8	140 202	441 5	162 / 118 372 / 44	140 866	441 5	162 / 118 370 / 44	
9	257 328	558 5	264 / 250 416 / 14	41 248	342 5	49 / 41 414 / 16	
			430			430	
						430	
	1676577			1143912		860	
B.M. 111-32	1143912						B.M. 111-32
	+ 526665						ELIZABETH LAKE RD. & MUNZ RANCH RD SEE F.B. 2437-44

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 188 JOB NO. 030102

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 9-15-72

INDEXED G.D. BAILEY DATE

WEATHER CALM-CLEAR 86° INST. NO. 96716

TIME 9:40 TO 10:15 ROD NO. 173A-B

NOTES CHKD. L.R.M. DATE 22 NOV 72

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 111-32 TO B.M. 111-31A
B.M. 111-32							B.M. 111-32
1	40 372	341 5	1/2 48 40 16	260 721	561 5	268 252 16	ELIZABETH LAKE RD. & MUNZ RANCH RD.
							SEE F.B. 2437-44
2	158 771	459 5	185 131 54	152 844	453 5	179 125 54	
3	18 300	319 5	48 70 1/2 18 60	195 777	496 5	225 165 70 60	T J. MALDONADO
4	282 902	583 5	1/2 282 2253 130 58	12 184	313 5	1/2 42 12 130 60	
5	212 962	513 5	240 184 188 56	103 049	404 5	132 74 190 58	
6	42 051	343 5	72 12 244 60	221 416	522 5	249 193 248 56	
7	43 421	344 5	76 10 304 66	236 957	537 5	270 202 304 68	
8	144 968	445 5	176 112 370 64	287 361	588 5	1/2 287 261 372 52	
			434			424	
						434	
	943 747			1870 309		858	
				943 747			
B.M. 111-31A				926 562			B.M. 111-31A (P.C. 23)
							ELIZABETH LAKE RD. & PEEKABOO RD.
							SEE F.B. 1847-73

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER 72° CLEAR, LTBR. INST. NO 96716

NOTES BY G.E. DREIER DATE 9-15-72 TIME 8:25 ROD NO 17134-8

INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD L.R.M. DATE 22 NOV 72

F.B. 2437 PG. 189

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 111-32 TO B.M. 111-32A
B.M. 111-32							B.M. 111-32
1	132 938	4335	145 119 26	268 036	5695	282 254 28	ELIZABETH LAKE RD. & MUNZ RANCH RD. SEE F.B. 2437-44
2	76 273	3775	107 45 62	70 572	3715	101 39 62	
3	195 178	4965	207 88 183 24 112	64 913	3655	76 90 52 24 114	π J. MALDONADO
						112 226	
B.M. 111-32A	404389			403521			B.M. 111-32A (U.S.C & C.& G.S. U-975 1964) ELIZABETH LAKE RD. W. OF MUNZ RA. RD. SEE F.B. 3723-97
	403 521						
	+ 0868						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.111-32A TO B.M.111-32
B.M.111-32A									B.M.111-32A (U.S.C.&G.S. 4975 1964)
1	64	275	365 5	76 52 24	186	044	487 5	197 175 22	ELIZABETH LAKE RD., W. OF MUNZ RANCH RD. SEE F.B. 3723-97
2	66	871	367 5	99 33 66	52	372	353 5	85 19 66	
				90				88	⊼ J. MALDONADO
3	293	547	594 5	304 282 22	187	213	488 5	200 174 26	
				112				114	
								112	
	424	693			425	629		226	
B.M.111-32					424	693			B.M.111-32 ELIZABETH LAKE RD. & MUNZ RANCH RD. SEE F.B. 2437-44
					- 0	936			

F.B. 2437 PG. 190

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-15-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR - CALM INST. NO. 96716

TIME 9:25 TO 9:40 ROD NO. 1713A-B

NOTES CHKD L.R.M. DATE 22 NOV 72

86°

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G. DREIER DATE 9-15-72 WEATHER CLEAR-CALM INST. NO. 96716
INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD L.R.M. DATE 22 NOV 72 TIME 8:45 TO 9:05 ROD NO. 1731A-B
78°
F.B. 2437 Pg. 191

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 111-32A TO B.M. 111-33
B.M. 111-32A									B.M. 111-32A (U.S.C.&G.S. W 975 1964)
1	152	167	453	5 152 / 134 36	123	851	424	5 141 / 105 36	ELIZABETH LAKE RD, W. OF MUNZ RCH. RD.
									SEE F.B. 3723-97
2	199	743	500	5 233 / 165 68 / 104	72	762	373	5 106 / 38 68 / 104	↑ J. MALDONADO
3	247	835	548	5 283 / 211 72 / 176	101	266	402	5 136 / 66 70 / 174	
4	154	411	455	5 183 / 125 58 / 234	129	318	430	5 156 / 102 54 / 228	
5	156	219	457	5 168 / 144 24 / 258	223	181	524	5 236 / 210 26 / 254	
								258	B.M. 111-33
B.M. 111-33	910	375			650	378		512	ELIZABETH LAKE RD. 0.5 MI. W. OF MUNZ RANCH RD. 25± FT. W. OF CULVERT
	650	378							17.81
	+259	997							SEE F.B. 2437-45

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 111-33 TO B.M. 111-32A
B.M. 111-33									B.M. 111-33
1	218	719	518 5	250 186 64	174	391	475 5	207 141 66	ELIZABETH LAKE RD., 0.5 M. W. OF ELIZABETH LAKE RD., 25± FT. W. OF CULVERT 17.81
2	127	952	428 5	160 94 66	207	398	508 5	239 175 64	SEE F.B. 2437-45
3	47	960	348 5	82 12 130 70	219	318	520 5	253 185 130 68	
4	117	247	418 5	142 92 200 50	196	740	497 5	220 172 198 48	↑ J. MALDONADO
5	136	123	437 5	140 132 250 8	110	258	411 5	116 104 246 12	
				258				258	258
	648	001			908	105		258	
B.M. 111-32A					648	001		516	B.M. 111-32A
					260	104			ELIZABETH LAKE RD., ~~0.5 MI.~~ 300 FT. W. OF MUNZ RANCH RD., ~~25± FT. W. OF CULVERT 17.~~

F.B. 2437 PG. 192

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-15-72

INDEXED G. D. BAILEY DATE

WEATHER CLEAR-CALM INST. NO. 96716

TIME 9:05 TO 9:25 ROD NO. 1713A-8

NOTES CHKD. I. R. M. DATE 22 NOV 72

80°

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 111-33 TO BM 111-33B
BM 111-33									BM 111-33
1	274	360	575 5	274 1 / 242 2 64	117	348	418 5	149 / 85 64	ELIZABETH LAKE ROAD & 0.5 MI W. OF MUNTZ RANCH ROAD
2	57	000	358 5	88 / 26 62 / 126	203	650	504 5	233 / 173 60 / 124	SEE F.B 2437-45
3	58	563	359 5	90 / 26 64 / 190	158	392	459 5	187 / 129 58 / 182	
4	188	910	489 5	222 / 154 68 / 258	79	230	380 5	117 / 41 76 / 258	T. T. OHASHI
	578	833			558	620		258 / 516	
BM 111-33B	558	620							BM 111-33B
	+20	213							ELIZABETH LAKE ROAD AT ENTRANCE TO ELIZABETH LAKE CAMP GROUNDS
									SEE FB 3723-102

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DR EIER

NOTES BY A. L. GOBLE DATE 9-22-72

INDEXED G. D. BAILEY DATE NOV 1 1972

WEATHER ~~SUNNY~~ OVERCAST INST. NO. 86716

TIME 10:00 To 10:40 ROD NO. 713A&B

NOTES CHKD L. R. M. DATE 22 NOV 72

T: 80°

F.B. 2437 PG. 193

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-33B TO BM 111-33
BM 111-33B									BM 111-33B
1	83	020	384 5	116 50 66	179	518	480 5	213 145 68	ELIBABETH LAKE RD AT ENTRANCE TO ELIZABETH LAKE CAMPGROUND
2	159	942	460 5	192 126 66 132	73	263	374 5	106 40 66 134	SEE F.B. 3723-102
3	234	491	535 5	268 200 68 200	141	167	442 5	174 108 66 200	
4	159	138	460 5	188 130 58 258	263	072	564 5	293 233 60 260	⊼ = TORU OHASHI
B.M. 111-33								258	B.M. 111-33
	636	591			657	020		518	ELISABETH LAKE RD. & CULVERT 17.81
					636	591			SEE F.B. 2437.45
					20	429			

T = 70°

WEATHER WINDY INST. NO. 96716

TIME 2:20 TO 2:40 ROD NO. 1713A-B

NOTES CHKD. L. R. M. DATE 22 NOV '72

F.B. 2437 PG. 194 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-4-72

INDEXED G. D. BAILEY DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 13 P-33B TO BM 111-34
BM 111-33 B	192			228				137	BM 111-33B
1	[illegible]	353	493 5	156 72	101	672	402 5	65 72	ELIZABETH LAKE ROAD AT (CULVERT 18.B)
									EVT. TO ELIZABETH LAKE CAMPGROUNDS
2	207	529	502 5	238 164 74	147	992	448 5	185 109 76	SEE F.B 3723-102
				146				148	
3	31	209	332 5	43 19 24	290	923	591 5	301 279 22	
				170				170	
4	49	911	350 5	53 45 8	246	870	547 5	250 242 8	π - T. OHASHI
				178				178	
								178	
	475	002			787	457		356	
BM 111-34					475	002			BM 111-34 (K-19) USGS 1929)
					312	455			ELIZABETH LAKE ROAD AND 1.0 MI W. OF MUNTZ RANCH ROAD
									SEE F.B 2437-46 (CULVERT 18.36)

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY A. GOBLE DATE 9-22-72

INDEXED G. D. BAILEY DATE NOV 1 1972

WEATHER OVERCAST INST. NO. 96714

TIME 10.40 TO 11.05 ROD NO. 1713A69

NOTES CHKD L. R. M. DATE 22 NOV 72

T = 80°

F.B. 2437 PG. 195

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 196

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY D. BEIER NOTES SIEMANN 10-4-72

INDEXED G. D. BAILEY DATE

JOB NO. 0301.02

T = 70°

WEATHER WINDY INST. NO. 96716

TIME 2:00 TO 2:40 ROD NO. 1713A-B

NOTES CHKD L. R. M. DATE 22 NOV 72

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 111-34 TO B.M. 111-33B
B.M. 111-34									B.M. 111-34 (U.S.G.S. K-19)
1	283 738		584 5	290 276 14	13 990		314 5	22 4 18	OLD ELISABETH LAKE RD. & CULVERT #18.36
2	285100		586 5	305 265 40	101 000		402 5	119 83 36 54	SEE F.B. 2437-46
3	124 665		425 5	158 54 90 68	203 160		504 5	237 169 68	
4	105941		406 5	132 122 78 54 176	168 750		469 5	195 122 141 54 176	T = OHASHI
B.M. 111-33B								176 352	B.M. 111-33B ELISABETH LAKE RD. AT ENT. TO ELISABETH LAKE CAMPGROUND. SEE F.B. 3723-102
	799444				486 900				
	486900								
	+ 312544								

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-34 TO BM 111-35
BM 111-34									BM 111-34 (K-19) USGS
1	279	955	580 5	286 272 14	12	881	313 5	22 2 20	ELIZABETH LAKE RD & 1.0 MI
2	224	502 ~~20~~	525 5	255 ~~[illegible]~~ 193 62 76	219	425	520 5	248 190 58 78	W. OF MUNTZ RANCH ROAD SEE F.B. 2437-46
3	47	595	348 5	84 10 74 150	273	743	574 5	273 237 1/2 72 150	
4	83	462	384 5	115 51 64 214	211	210	512 5	243 179 64 214	
5	93	413	394 5	126 60 66 280	178	009	479 5	211 145 66 280	π T. OHASHI
6	124	505	425 5	156 92 64 344	193	585	494 5	226 160 66 346	
7	93	324	394 5	121 65 56 400	104	140	405 5	130 78 52 398 400	
BM 111-35	946	756			1192	993		798	BM 111-35 (CULVERT 18.65)
					946	756			ELIZABETH LAKE RD & 1.5 MI
					246	236			W. OF MUNZ RANCH ROAD SEE F.B 2437-47

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DR EIER

NOTES BY A. GOBLE DATE 9-22-72

INDEXED G. D. BAILEY DATE NOV 1 1972

WEATHER OVER CAST

TIME 11.05 TO 11.35

NOTES CHKD L. R. M.

INST. NO 96716

ROD NO 713 A&B

DATE 22 NOV 72

T = 84°

F.B. 2437 PG. 197

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-~~34~~35 TO BM. 111-34
B.M. 111-34									B.M. 111-35 (~~U.S.G.S. K-19 1929~~)
1	117	420	418 5	143 91 52	117	444	418 5	141 91 50	ELIZABETH LAKE RD & CULVERT 18.85
									SEE F.B. 2437-46
2	178	659	479 5	210 146 64	100	377	401 5	131 69 62	
				116				112	
3	162	655	463 5	195 129 66	90	080	391 5	121 59 62	
				182				174	
4	208	528	509 5	241 175 66	77	501	378 5	109 45 64	$\bar{X}$ = OHASHI
				248				238	
5	248	832	549 5	276 220 56	42	883	343 5	76 8 68	
				304				306	
6	226	741	527 5	258 194 64	97	093	398 5	127 67 60	
				368				366	
7	33	585	334 5	46 20 24	273	830	574 5	288 258 30	
				392				396	
8	55	061	356 5	59 51 8	186	288	487 5	188 184 4	
				400				400	
B.M. 111-34								400	B.M. 111-34 (U.S.G.S. K-19)
	231	481			985	496		800	OLD ELISABETH LAKE RD. &
	985	496							CULVERT # 18.85
	+ 245	985							SEE F.B. 2437-46

T = 78°

WEATHER WINDY INST. NO. 96716

TIME 1:10 TO 2:00 ROD NO. 1713A-B

NOTES CHKD. L. R. M. DATE 22 NOV '72

F.B. 2437 PG. 198 JOB NO. 6301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-4-72

INDEXED G. D. BAILEY DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-35 TO BM 111-35A
BM 111-35									BM 111-35 (CULVEET 18.85)
1	46	093	347 5	70 22 48	125	323	426 5	151 99 52	ELIZABETH LAKE ROAD & 1.5 MI W. OF MUNTZ RANCH ROAD
2	163	039	464 5	198 128 70	128	587	429 5	161 95 66	SEE F.B 2437-47
3	95	382	396 5	128 62 118 66	258	359	559 5	291 225 118 66	
4	201	220	502 5	213 189 184 24	48	509	349 5	60 36 184 24	⊼ MALDONADO
5	197	658	498 5	200 194 208 6	81	791	382 5	84 78 208 6	
				214				214	
								214	
BM 111-35A	703392				~~632~~ 642 569			429	BM 111-35A (S 975)
	~~637 569~~								ELIZABETH LAKE ROAD & ENT HUGHES-ELIZABETH LAKE SCHOOL
	~~+ 45822~~								SEE FB 3723-109
	642 569								
	+ 60823								

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY A. GOBLE DATE 9-22-72

INDEXED G. D. BAILEY DATE NOV 1 1972

WEATHER OVER CAST

TIME 11.35 TO 11.55

NOTES CHKD L. R. M.

INST. NO. 96716

ROD NO. 713 A&B

DATE 22 NOV 72

F.B. 2437 PG. 199

T = 84

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 200 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-4-72

INDEXED G.D. BAILEY DATE

T = 68°

WEATHER CLOUDY INST. NO. 96716

TIME 11:20 TO 11:50 ROD NO. 17343

NOTES CHKD. L.R.M. DATE 22 NOV 72

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 111-35A TO B.M. 111-35
B.M. 111-35A									B.M. 111-35A (U.S.C.&G.S. S-975)
1	16	560	317	5 23 9 14	185	230	486	5 193 177 16	~~PINE CAN.R.~~
									ELISABETH LAKE RD. AT. ENT.
2	213	091	514	5 247 179 68	163	583	464	5 197 129 68	TO HUGHES-ELIS. LAKE SCHOOL.
				82				204 84	SEE F.B. 3723-109
3	127	628	428	5 160 94 66	170	053	471	5 136 68	
				148				152	
4	151	985	452	5 162 140 22	51	343	352	5 60 42 18	T = MALDONADO
				170				170	
B.M. 111-35								170	B.M. 111-35
	509	264			570	209		340	ELISABETH LAKE RD.
					509	264			CULVERT # 18.85
					60	945			SEE F.B. 2437-47

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. CHASH DATE 9-22-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER Clear - Sunny INST. NO. 96716

TIME 1:10 ROD NO. 1715 [illegible]

NOTES CHKD. R.M. DATE 22 NOV 72

T = 86°

F.B. 2437 PG. 201

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM. 111-35A TO BM. 111-36
BM. 111-35A													B.M. 111-35A
1	~~9~~ 10	011	311	5	17 / 3	14	249	198	550	5	256 / 242	14	ELIZABETH LAKE RD. BY ENTRANCE TO HUGHES ELIZABETH LAKE SCH.
2	53	852	354	5	79 / 27	52	278	503	579	5	306 / 252	54	SEE F.B. 3723-109
3	8	132	309	5	½ 42 / 8	66 / 68	255	632	556	5	291 / 219	68 / 72	
4	98	948	399	5	132 / 64	134 / 68	155	010	456	5	184 / 126	140 / 58	⊼ J. MALDONADO
5	112	763	413	5	145 / 79	202 / 66	279	658	580	5	½ 279 / 245	198 / 68	
6	33	740	334	5	66 / 0	268 / 66	204	289	505	5	237 / 171	266 / 66	
7	202	156	503	5	216 / 188	334 / 28	8	083	309	5	½ 22 / 8	332 / 28	
8	286	286	587	5	292 / 280	362 / 12	3	257	304	5	½ 10 / 3	360 / 14	
9	291	139	592	5	301 / 281	374 / 20	4	637	305	5	½ 14 / 4	374 / 20	
10	155	782	456	5	162 / 148	394 / 14	157	505	458	5	164 / 150	394 / 14	
						408						408	
BM. 111-36												408	B.M. 111-36 (23, 24, 26, 25 SEC. COR)
	1252	809					159~~4~~ 5	772				816	ELIZABETH LAKE RD. BY L.A. COUNTY FIRE STATION.
							1252	809					SEE F.B. 2437-48
							342	963					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 Pg. 202 JOB NO. 030102

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY G.E. DOBLER NOTES T. OHASHI 10-4-72

INDEXED G.D. BAILEY DATE

T-7

WEATHER CLEAR INST. NO. 96716

TIME 10:50 - 11:25 ROD NO. 1713 A&B

NOTES CHKD L.R.M. DATE 22 NOV 72

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM. III-36 TO BM III-35A
BM. III-36											B.M. III-36 (SEC. COR.)
1	114	892	415	5	121 / 107 14	268	929	569	5	275 / 261 14	ELIZABETH LAKE RD. AT L.A. COUNTY FIRE STATION #78
2	34	378	335	5	42 / 26 16	292	338	593	5	299 / 285 14	SEE F.B. 2437-48
					30					28	
3.	9	996	310	5	14 / 4 10	271	006	572	5	276 / 266 10	
					40					38	
4.	69	229	370	5	97 / 41 56	104	362	405	5	131 / 77 54	⊼ J. MALDONADO
					96					92	
5.	274	152	575	5	308 / 242 66	36	632	337	5	68 / 4 64	
					162					156	
6	192	966	493	5	223 / 161 62	148 ~~146~~	403	449	5	182 / 114 68	
					224					224	
7	211	392	512	5	246 / 176 70	48	638	349	5	84 / 12 72	
					294					296	
8	296	561	597	5	½ 296 / 228 68	11	51 ~~561~~	312	5	½ 45 / 211 68	
					362					364	
9	229	399	530	5	244 / 214 30	10	671	311	5	½ 24 / 10 28	
					392					392	
10	188	328	489	5	190 / 186 4	85	966	386	5	87 / 83 4	
					396					396	
BM. III-35A										396	B.M. III-35A
	1621	293				1278	496			792	ELIZABETH LAKE RD. BY ENTRANCE TO HUGHES-ELIZABETH LAKE SCH.
	1278	496									SEE F.B. 3723-109
	342	797									

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM. 111-36 TO B.M. 111-37A
BM. 111-36									B.M. 111-36 (SEC COR)
1	117	202	418 5	135 99 36	294	010	595 5	294 276 36	ELIZABETH LAKE RD BY L.A. COUNTY FIRE STATION. #78
2.	5	035	306 5	11 -1 12	296	032	597 5	302 290 12	SEE F.B. 2437-48
	~~13~~			48				48	
3.	13	213	314 5	18 8 10	215	847	516 5	220 210 10	
				58				58	
4.	35	457	336 5	69 1 68	271	648	572 5	307 237 70	⊼ J. MALDONADO
				126				128	
5.	70	934	371 5	104 36 68	181	652	482 5	216 146 70	
				194				198	
6.	138	~~955~~ 847	439 5	173 103 70	174	222	475 5	210 138 72	
				264				270	
7.	128	051	429 5	164 92 72	161	679	462 5	196 126 70	
				336				340	
8	122	131	423 5	162 82 80	197	612	498 5	234 160 74	
				416				414	
BM. 111-37A								416	BM. 111-37A
	630	870			~~1872~~	~~887~~		830	ELIZ'BETH LAKE RD. & MT VIEW RD.
					1792	702			SEE F.B. 2437-49
					630	870			
					1161	832			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY T. OKASHI DATE 9-22-72

INDEXED G. D. BAILEY DATE NOV 1 1972

WEATHER CALM - CLEAR INST. NO. 96716

TIME 2:00 - 2:25 ROD NO. 1703 A48

NOTES CHKD L. R. M. DATE 22 NOV 72

T=90°

F.B. 2437 PG. 203

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-37A TO BM 111-36
B.M. 111-37A									B.M. 111-37A (USC&GS. R-975)
1.	167	209	468 5	192 / 142 50	115	692	416 5	140 / 90 50	ELIZABETH LAKE RD. & MT. VIEW RD.
									SEE F.B. 2437-49
2.	173	388	474 5	208 / 138 70	135	231	436 5	169 / 101 68	
				120				118	
3.	174	332	475 5	209 / 139 70	128	213	429 5	163 / 93 70	⊼ J. MALDONADO
				190				188	
4.	152	548	453 5	187 / 117 70	123	331	424 5	158 / 88 70	
				260				258	
5	237	667	538 5	269 / 205 64	33	111	334 5	64 / 2 62	
				324				320	
6	215	029	516 5	236 / 194 42	6	710	307 5	29 / 6 46	
				366				366	
7	270	999	571 5	274 / 266 8	9	677	310 5	14 / 4 10	
				374				376	
8	299	008	600 5	306 / 292 14	96 / ~~16~~	759	397 5	104 / 88 16	
				388				392	
9.	273	402	574 5	288 / 258 30	253	060	454 5	166 / 140 26	
				418				418	
B.M. 111-36								418	B.M. 111-36 (SEC. COR)
	1963	582			801	784		836	ELIZABETH LAKE RD. BY L.A. COUNTY
	801	784							FIRE STATION #78
	1161	798							SEE F.B. 2437-48

F.B. 2437 PG. 204

SURVEY OF L.A. Co. PRECISE LEVEL NET JOB NO. 030602

SURVEY BY G. E. DREKER NOTES T. OYASHI 10-4-72

INDEXED G. D. BAILEY DATE

WEATHER CLEAR T=70° INST. NO. 96716

TIME 10:05 - 10:50 ROD NO. 1713 A&B

NOTES CHKD L. R. M. DATE 22 NOV 72

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 9-25-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER Clear TIME 11:35 - 2:05
NOTES CHKD L.R.M. DATE 22 NOV 72
ROD NO 7113 & 76
INST. NO 72-716
T = 74°
F.B. 2437 Pg. 205

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 111-37A TO B.M. 111-38
B.M. 111-37A							B.M. 111-37A (U.S.C.&G.S R-975)
1	83 122	384 5	160 / 56 54	291 129	592 5	½ 241 / 269 44	ELIZABETH LAKE RD & MT. VIEW RD.
							SEE F.B 2437-49
2	278 860	328 5	45 / 9 36	297 770	598 5	½ 297 / 274 46	
			90			90	
3	172 770	413 5	292 / 232 60	13 001	314 5	½ 36 / 13 46	R. SIEMANN
			150			136	
4	289 260	589 5	½ 288 / 289 58	173 040	424 5	210 / 136 74	
			208			210	
5	9 601	310 5	½ 27 / 9 36	246 850	547 5	264 / 228 36	
			244			240	
6.	134 999	435 5	154 / 114 40	191 198	492 5	210 / 172 38	
			284			284	
7.	104 098	405 5	129 / 79 50	15 139	316 5	½ 38 / 15 46	
8	280 130	581 5	290 / 290 334 / 20	18 470	319 5	28 / 8 330 / 20	
			354			350	
9	284 649	585 5	297 / 271 26 / 380	110 480	411 5	123 / 97 26 / 376	
10	225 179	526 5	256 / 194 62 / 442	122 250	423 5	155 / 89 66 / 442	
			46			44	
11	223 069	524 5	246 / 200 46 / 488	47 611	348 5	69 / 25 486	
						52	
12	205 000	506 5	230 / 180 50 / 538	214 340	515 5	239 / 159 536	
			34			36	
13.	13 485	314 5	½ 38 / 13 572	278 509	579 5	295 / 261 570	
			62			64	
14	104 082	405 5	135 / 73 634	107 039	408 5	139 / 75 634	
						18	
15	165 961	466 5	173 / 157 16 / 650	57 672	358 5	66 / 28 652	B.M. 111-38 (U.S.G.S. R-23)
16	219 455	520 5	221 / 217 4 / 654	83 000	384 5	84 / 52 652	ELIZABETH LAKE RD. & LAKE HUGHES RD.
						2 / 654	SEE F.B. 2437-50
	2441 720			2267 498		1308	
B.M. 111-38	5						

+2441.720
−2267.498
+174.222

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 111-38 TO BM. 111-37A
B.M. 111-38									B.M. 111-38 (USC&GS R-23
1	33	343	334 5	36 30 6	229	320	530 5	233 225 8	PINE CYN. RD. (~~ELIZABETH LAKE RD~~)
									& LAKE HUGHES RD.
2	56	661	357 5	½ 86 56 60	159	220	460 5	189 129 60	SEE F.B. 2437-50
				66				68	
3	236	006	537 5	252 220 32	28	251	329 5	45 11 34	
				98				102	⊼ R. SIEMANN
4	274	511	575 5	287 261 26	46	872	347 5	59 33 26	
5	132	720	433 5	158 106 124 52	300	453	601 5	½ 300 276 128 48	
				176				176	
6	36	780	337 5	68 4 64	184	559	485 5	216 152 64	
				240				240	
7	85	748	386 5	111 59 52	295	880	596 5	½ 295 270 50	
				292				290	
8	41	700	342 5	51 31 20	288	863	589 5	298 278 20	
				312				310	
9.	6	172	307 5	½ 24 6 36	194	545	495 5	212 176 36	
				348				346	
10	267	435	568 5	288 246 42	135	318	436 5	156 114 42	
				390				388	
11	201	661	502 5	228 174 54	12	951	313 5	½ 34 12 44	+ 2485,150
				444				432	− 2759,258
12.	276	934	577 5	296 256 40	296	977	497 5	219 173 46	− 274,108
				484				478	
13	57	195	358 5	74 40 34	271	310	572 5	287 255 32	
				518				510	
14	21	146	322 5	½ 46 21 50	103	303	404 5	132 74 58	
				568				568	
15	270	322	571 5	287 253 34	26	660	327 5	44 8 36	B.M. 111-37A (U.S.C.&G.S. R-975)
				602				604	ELIZABETH LAKE RD. & MT VIEW RD
16	300	264	601 5	½ 300 276 48	120	711	421 5	144 96 48	SEE F.B. 2437-49
				650				652	
17	186	552	487 5	188 184 4	164	065	465 5	166 162 4	
				654				656	
BM. 111-37A	2485	150			2759	258		654	
								1310	

F.B. 2437 PG. 206 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET.

SURVEY BY G.E. DREIER NOTES T. OWASHI 10-3-72

INDEXED G.D. BAILEY DATE

WEATHER Scat. Clouds INST. NO. 96216

TIME 1:35 - 2:50 ROD NO. 1713 A&B

NOTES CHKD I.R.M. DATE 22 NOV 72

T = 74°

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS FROM B.M. 111-38 TO B.M. 111-39
B.M. 111-38													B.M. 111-38 (USC&GS R-23)
1	13	330	314	5	17 / 9	8	188	899	489	5	292 / 184	8	~~[illegible]~~ PINE CYN. RD. & LAKE HUGHES RD. SEE F.B. 2437-50
2	272	691	573	5	302 / 242	60 / 68	46	510	347	5	77 / 15	62 / 70	
3	195	849	496	5	215 / 175	40 / 108	11	973	312	5	½ 32 / 11	42 / 112	R. SIEMANN
4	291	949	592	5	½ 291 / 272	38	37	900	338	5	55 / 19	36	
5	28 4	318 ~~284~~	585	5	½ 284 / 266	146 / 194	95	833	396	5	118 / 72	148 / 46 / 194	
6	209	495	510	5	239 / 179	60 / 254	96	501	397	5	125 / 67	58 / 252	
7	133	830	434	5	166 / 100	66 / 320	115	050	416	5	148 / 82	66 / 318	
8	290	578	591	5	½ 290 / 284	52 / 372	45	987	346	5	71 / 19	52 / 370	
9	298	489	599	5	½ 298 / 272	52 / 424	42	220	343	5	68 / 16	52 / 422	
10	291	341	592	5	½ 291 / 271	40 / 464	49	630	350	5	68 / 30	38 / 460	
11	224	277	525	5	233 / 215	18 / 482	92	245	393	5	102 / 82	20 / 480	
B.M. 111-39												482	B.M. 111-39
	2506	147					822	748				962	~~[illegible]~~ PINE CYN. RD. 0.6 MI. WESTERLY OF LAKE HUGHES RD. SEE F.B. 2437-51
	822	748											
	+ 1683	399											

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 9-25-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER CLEAR-BREEZY T=78° INST. NO. 96716

TIME 2:05 - 2:45 ROD NO. 1713 A&B

NOTES CHKD L.R.M. DATE 22 NOV 72

F.B. 2437 PG. 207

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM.111-39 TO BM 111-38
B.M. 111-39									BM. 111-39
1	81	392	382 5	100 62 38	247	822	548 5	267 227 40	~~ELIZABETH LAKE~~ PINE CYN. RD. 0.6 MI WESTERLY OF LAKE HUGHES RD.
2	19	960	320 5	½ 41 19 44	298	469	599 5	½ 298 276 44	SEE F.B 2437-51
				82				84	
3	11	229	312 5	½ 36 11 50	287	888	588 5	½ 287 262 50	
				132				134	⊼ R. SIEMANN
4	39	162	340 5	64 14 50	234	752	535 5	258 210 48	
				182				182	
5	147	959	448 5	178 116 62	182	670	483 5	212 152 60	
				244				242	
6	73	339	374 5	100 46 54	147	612	448 5	174 120 54	
				298				296	
7	16	427	317 5	½ 39 16 46	225	413	526 5	249 201 48	
				344				344	
8	25	418	326 5	43 7 36	275	928	576 5	292 258 34	
				380				378	
9	25	631	326 5	47 3 44	293	449	594 5	½ 293 270 46	
				424				424	
10.	143	467	444 5	172 114 58	73	699	374 5	101 45 56	
				482				480	
BM. 111-38								482	B.M. 111-38 (USC&GS. R-23)
	583	984			2267	702		962	PINE CYN RD & LAKE HUGHES RD.
					583	984			SEE F.B. 2437-50
					-1683	718			

F.B. 2437 PG. 208

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. PREIER NOTES T. OHASHI 10-3-72

INDEXED G.D. BAILEY DATE

JOB NO. 030102

WEATHER SEAT. CLOUDS INST. NO. 96716

TIME 1:00 - 1:35 ROD NO. 1713 A&B

NOTES CHKD L. R. M. DATE 22 NOV 72

T= 70°

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR CH[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM. 111-38 TO B.M. 111-39
BM 111-38									B.M. 111-38 (US.C&G.S R-23)
	87	189	388 5	119 / 55 64	43	348	344 5	76 / 10 66	PINE CYN. RD. & LAKE HUGHES SEE F.B. 2437-50
2.	237	775	538 5	264 / 210 54	63	761	364 5	89 / 37 52	
				118				118	
3.	263	910	564 5	277 / 249 28	44	469	345 5	58 / 30 28	⊼ R. SIEMANN RE-RUN
				146				146	
4	279	980	580 5	292 / 266 26	97	512	398 5	109 / 85 24	
				172				170	
5	231	929	532 5	256 / 206 50	120	100	421 5	145 / 95 50	
				222				220	
6	229	872	530 5	259 / 199 60	168	590	469 5	197 / 139 58	
				282				278	
7	156	982	457 5	181 / 131 50	58	191	359 5	85 / 31 54	
				332				332	
8.	259	035	560 5	281 / 237 44	44	141	345 5	68 / 20 48	
				376				380	
9.	292	755	593 5	½ 292 / 268 48	50	708	351 5	75 / 25 50	
				424				430	
10	277	670	578 5	283 / 271 12	130	046	431 5	135 / 125 10	
				436				440	
11.	277	440	578 5	299 / 255 44	90	359	391 5	111 / 69 42	
				480				482	
B.M. 111-39								480	B.M. 111-39
	2594	537			911	225		962	PINE CYN RD 0.6 MI. WESTERLY OF LAKE HUGHES RD. SEE F.B. 2437-51
	911	225							
	+1683	312							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 10-5-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER T=78° CLEAR-BREEZY INST. NO. 96716

TIME 10:40 - 11:20 ROD NO. 1713A&B

NOTES CHKD. L.R.M. DATE 22 NOV 72

F.B. 2437 PG. 209

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 210 | JOB NO. 0301.02 | SURVEY OF L.A. Co. PRECISE LEVEL NET | SURVEY BY G.E. DREER NOTES T. OHASHI 10-5-72 | INDEXED D. BAILEY DATE

WEATHER CLEAR-BREEZY INST. NO. 98716 | TIME 11:20 - 12:00 ROD 29 | NOTES CHKD L.R. Mc DATE 22 | T = 70°

STATION	BACKSIGHT Right Mic.	Left.	Stadia	FORESIGHT Right Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From B.M. 111-39 To B.M. 111-38
BM. 111-39							B.M. 111-39
1	41 530	342 5	67/15 52	271 759	572 5	297/245 52	PINE CYN RD 0.6 MI. WESTERLY OF LAKE HUGHES RD.
2	14 459	315 5	32/212 36 88	274 910	575 5	293/255 38 90	SEE F.B. 2437-51
3	13 760	314 5	38/213 50 138	268 728	569 5	292/244 48 138	⊼ R. SIEMANN RE-RUN
4	34 398	335 5	59/9 50 188	213 894	514 5	238/188 50 188	
5	188 015	489 5	221/155 66 254	249 433	550 5	282/216 66 254	
6	140 548	441 5	170/110 60 314	226 000	527 5	256/196 60 314	
7.	10 691	311 5	33/210 46 360	274 518	575 5	297/251 46 360	
8.	19 330	320 5	39/-1 40 400	299 122	600 5	299/299 40 400	
9.	82 271	383 5	111/53 58 458	247 270	548 5	277/217 60 460	
10.	245 784	546 5	258/232 26 484	148 870	449 5	160/136 24 484	
BM. 111-38							484 B.M. 111-38 (U.S.C.&G.S. R-23)
	790 786			2474504			968 PINE CYN RD & LAKE HUGHES RD.
				790 786			SEE F.B. 2437-50
				1683718			

76P526 CE # 306 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Waldo Field DATE 10-5-72 WEATHER Sunny
INDEXED G.D. BAILEY DATE NOV 1 1972 TIME 1:00 to 1:33 INST. NO. 96716
NOTES CHKD L.R. Wu DATE 22 NOV 72 ROD NO. 173 & 175

F.B. 2437 PG. 211

T-8x

Re-Run

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 111-38 TO BM 111-39
BM 111-			70			117	BM 111-38 (U.S.G.S. R-23 1929)
1	50949	3515	30 40	97818	3985	77 40	Pine Cyn. Rd. & Lake Hughes Rd.
2	284420	5855	284½ 248½ 72	42030	3055	37½ 4½ 66	See F.B. 2437-50
3	276772	5775	292 112 260 32	25075	3275	45 7 106 38	
4	223185	5245	241 144 105 36	70588	3715	88 52 144 36	T. Dreier
5	246063	5475	280 180 212 68	100069	4015	135 65 180 70	
6	164330	4655	198 248 130 68	145852	4465	179 111 250 68	2nd Re-Run
7	255816	5565	280 316 230 50	30075	3315	56 4 318 52	
8	276275	5775	300 366 252 48	36245	3375	59 13 370 46	
9	291100	5925	291½ 414 272½ 38	7314	3085	25½ 7½ 416 36	
10	244467	5455	260 452 228 32	111882	4125	128 94 452 34	
			484			486	
						484	
						970	
	2313377			630121			
	630121						
	+1683256						
							BM 111-39
							Pine Cyn. Rd. & Ho. # 18649
							See F.B. 2437-51
BM 111-39							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-39 TO BM 111-38
BM 111-39									BM 111-39
1	68	072	369 5	93 43 50	295	100	596 5	295 1/2 270 50	Pine Cyn. Rd. @ Ho. 18649
									See F.B. 2437-51
2	3	125	304 5	25 1/2 3 44	295	315	596 5	295 1/2 272 46	
3	9	384	310 5	34 1/2 9 98 48	252	330	553 5	276 228 96 48	π- Dreier
4	11	221	312 5	46 1/2 11 146 70	123	468	424 5	160 86 144 74	2nd Re-Run
5	94	645	395 5	128 60 216 68	206	671	507 5	240 172 218 68	
6	87	521	388 5	109 65 284 44	260	433	561 5	281 239 286 42	
	271	968			1433	317			
7	40	092	341 5	65 15 328 50	289	351	590 5	289 1/2 267 328 44	
8	3	851	304 5	23 1/2 3 378 40	221	635	522 5	244 198 372 46	
9	70	150	371 5	92 48 418 44	221	320	522 5	242 200 418 42	
10	245	688	546 5	258 232 462 26	151	688	452 5	165 137 460 28	
				488 4				488 484	
	633	749			-2317	311		972	
					633	749			
					-1685 3	562			BM 111-38 (U.S.G.S. ~~38~~ R23 1929)
BM 111-38									Pine Cyn. Rd. & Lake Hughes Rd.
									See F.B. 2437-50

T-84°

F.B. 2437 PG. 212

JOB NO. 0901.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-5-72

INDEXED G.D. BAILEY DATE

WEATHER Sunny & Br. INST. NO. 96716

TIME 1:35 to 2:15 ROD NO. 1713 A&B

NOTES CHKD L.R.M. DATE 22 NOV 72

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET 62°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 9-26-76 WEATHER CL

INDEXED G.D. BAILEY DATE NOV 1 1972 TIME 9:40 TO 10:40 INST. NO. 96716

NOTES CHKD L.R.M. DATE 22 NOV 72 ROD NO. 17BA-8

F.B. 2437 PG. 213

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-39 TO B.M. 111-40
BM. 111-39									B.M. 111-39
1	264	607	565 5	285 / 243 42	40	497	341 5	60 / 20 40	PINE CANYON RD. AT Ho.# 18649
									SEE F.B. 2437-51
2	272	235	573 5	291 / 253 38 / 80	25	862	326 5	44 / 6 38 / 78	
3	285	765	586 5	285 / 265 40 / 120	13	348	314 5	33 / 13 40 / 118	T. OHASHI
4	292	680	593 5	292 / 272 40 / 160	24	020	325 5	44 / 4 40 / 158	
5	285	095	586 5	305 / 265 40 / 200	14	823	315 5	34 / 14 40 / 198	
6	287	893	588 5	287 / 263 48 / 248	29	670	330 5	52 / 6 46 / 244	
7	237	792	538 5	253 / 221 32 / 280	20	190	321 5	37 / 3 34 / 278	
8	292	763	593 5	292 / 275 34 / 314	16	313	317 5	34 / 16 36 / 314	
9	295	800	596 5	295 / 275 40 / 354	35	720	336 5	56 / 14 42 / 356	
10	277	118	578 5	298 / 256 42 / 396	23	232	324 5	44 / 2 42 / 398	
11	208	202	509 5	218 / 198 20 / 416	128	420	429 5	136 / 120 16 / 414 / 416	
	2999	950			372	095		830	
B.M. 111-40	372	095							B.M. 111-40 19023
	+2628	855							PINE CANYON RD. 440 FT. W. OF Ho.#
									SEE F.B. 2437-52

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-40 TO BM 111-39
BM. 111-40									BM 111-40
1	96	760	397 5	108 84 24	241	822	542 5	254 228 26	Pine Cyn. Rd., 440 Ft. W. of Ho. #19023
2	18	804	319 5	42 18½ 48 72	297	827	598 5	297 274½ 46 72	see F.B. 2437-52
3	26	278	327 5	47 5 42 114	290	910	591 5	290 271½ 38 110	
4	30	462	331 5	46 14 32	285	722	586 5	301 269 32	T- Ohashi
5	7	790	308 5	31 7½ 146 48	281	445	582 5	281 258½ 142 46	
6	18	875	319 5	42 18½ 194 48	295	401	596 5	295 274½ 188 42	
7	43	570	344 5	57 29 242 28	264	622	565 5	284 244 230 40	
8	27	797	328 5	43 11 270 32	254	723	555 5	269 239 270 30	
9	7	720	308 5	27 7½ 302 40	278	184	579 5	297 259 300 38	
10	43	248	344 5	60 26 342 34	260	249	561 5	277 243 338 34	
11	51	420	352 5	68 34 376 34	249	668	550 5	269 229 372 40	
				410				412	
								410	
	362	724			3000	573		822	
					362	724			
					-2637	849			
BM 111-39									BM 111-39
									Pine Cyn. Rd. @ Ho. #18649
									see F.B. 2437-51

T-61°

F.B. 2437 Pg. 214

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-3-72

INDEXED G.D. BAILEY DATE

WEATHER Cloudy INST. NO. 96716

TIME 11:00 to 11:55 ROD NO. 1713 A&B

NOTES CHKD. I.R.M. DATE 22 NOV 72

76P526 CE # 308 3-61

PLEASE RETURN TO
L. ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHANGED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY Maldonado DATE 9-26-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER CLEAR LT. WIND TIME 10:40 to 11:45
NOTES CHKD L.R.M. DATE
INST. NO. 86716
ROD NO. 17134-8
F.B. 2437 PG. 215

T-68°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM. 111-40 TO BM. 111-41
BM. 111-40			306			39	BM. 111-40 19023
1	286 558	587 5	266 40	18 380	319 5	218 42	PINE CANYON RD. & 440 FT. W. of Ho. #
			287			79	SEE F.B. ~~2437~~-52
2	266 465	567 5	245 42	58 081	359 5	37 42	2437
			298 82			56 84	
3	273 341	574 5	248 50	32 640	333 5	8 48	↑ T. OHASHI
			300 132			43 132	
4	300 595	601 5	268 64	14 780	315 5	14½ 58	
			196			190	
5	281 820	582 5	301 261 40	3 470 ~~22 462~~	324 5	47 23½ 48	
			285 236			50 238	
6	285 910	586 5	264½ 42	29 379	330 5	8 42	
			275 278			67 280	
7	260 279	561 5	245 30	52 269	353 5	37 30	
			297 308			22 310	
8	283 110	584 5	269 28	8 801	309 5	8½ 28	
			299 336			27 338	
9	289 985	590 5	279 20	17 755	318 5	7 20	
			299 356			16 358	
10	299 407	600 5	288½ 22	5 820	306 5	5½ 22	
			289 378			36 380	
11	281 353	582 5	273 16	27 120	328 5	18 18	
			297 394			37 398	
12	287 810	588 5	277 20	27 412	328 5	17 20	
			290 414			38 418	
13	279 400	580 5	268 22	27 913	328 5	16 22	
			299 436			32 440	
14	288 524	589 5	277 22	20 948	321 5	8 24	
			207 458			79 464	
15	201 080	502 5	195 12	76 986	377 5	73 6	BM 111-41
	4165 638		470	441 754		470	Pine Canyon Rd., 255 Ft. E'ly of
	441 754					470	Ho. # 19700.
						940	See F.B. 2437-53
BM 111-41	3723883						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 216 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-2-72

INDEXED D. D. BAILEY DATE

T. 68°

WEATHER Sunny & Br. INST. NO. 96716

TIME 2:25 to ROD NO. 17343B

NOTES CHKD. L. R. M. DATE 22 NW 72

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS From BM 111-41 To BM 111-40
BM 111-41			35			238	BM 111-41
1	27 618	328 5	19 16	230 104	531 5	222 16	Pine Canyon Rd., 255 Ft. E'ly of Ho. #19700
2	23 845	324 5	33 18 20	273 500	574 5	284 262 22	See F.B. 2437-53
3	33 396	334 5	43 23 20 36	264 853	565 5	274 38 254 20	
4	18 322	319 5	28 8 20 56	297 542	598 5	297½ 58 287½ 20	
5	19 670	320 5	29 9 20 76	290 135	591 5	300 78 280 20	T-Ohashi
6	24 847	325 5	33 15 18 96	271 768	572 5	280 98 262 18	
7	19 306	320 5	29 9 20 114	281 694	582 5	291 116 271 20	
8	20 550	321 5	31 9 22 134	259 729	560 5	270 136 248 22	
9	97 832	398 5	105 89 16 156	197 940	498 5	205 158 189 16	
10	28 167	329 5	46 10 36 172	268 120	569 5	287 174 249 38	
11	13 817	314 5	36½ 13½ 46 208	243 410	544 5	266 212 220 46	
12	16 635	317 5	39½ 16½ 46 254	277 679	578 5	299 258 255 258	
13	38 270	339 5	60 16 44 300	271 775	572 5	294 44 302 248 46	
14	25 848	326 5	50 0 50 344	274 803	575 5	299 348 249 50	
15	37 218	338 5	61 13 48 394	294½ 970	592 5	291½ 398 267½ 48	
16	56 476	357 5	70 42 28 442	230 770	531 5	240 446 220 20	BM 111-40
			470			466 470 936	Pine Cyn. Rd. & 440 Ft. W. of Ho. #19023 See F.B. 2437-52
	501 817			4225 792 501 817			
BM 111-40				-3723 975			

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-41 TO B.M. 111-42
B.M. 111-41									B.M. 111-41
1	264	550	565 5	287 / 241 46	23	309	324 5	47 / -1 48	PINE CN. RD. NEAR HO. # 19700
2	280	222	581 5	301 / 259 42 / 88	28	159	329 5	49 / 9 40 / 88	SEE F.B. 2437-53
3	211	464	512 5	234 / 188 46 / 134	141	930	442 5	165 / 117 48 / 136	
4	53	388	354 5	66 / 40 26 / 160	297	013	598 5	1/2 297 / 284 26 / 162	
5	16	726	317 5	28 / 4 24 / 184	270	500	571 5	282 / 258 24 / 186	
6	10	044	311 5	1/2 30 / 10 40 / 224	167	542	468 5	188 / 146 42 / 228	π = MALDONADO
7	225	208	526 5	249 / 201 48 / 272	30	107	331 5	54 / 6 48 / 276	
8	300	281	601 5	1/2 300 / 278 44 / 316	7	568	308 5	1/2 27 / 7 40 / 316	
9	299	778	600 5	1/2 299 / 281 36 / 352	6	500	307 5	1/2 23 / 6 34 / 350	
10	209	150	510 5	216 / 202 14 / 366	47	451	348 5	55 / 39 16 / 366	
B.M. 111-42								366	B.M. 111-42
	1870811				1020079			732	PINE CN. RD. NEAR HO. # 20052
	1020079								SEE F.B. 2437-54
	+850732								

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 9-26-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER LT. WIND INST. NO. 96716

TIME 1:00 TO 1:45 ROD NO. 1713AB

NOTES CHKD L.R.M. DATE 22 NOV 72

T = 72°

F.B. 2437 PG. 217

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 Pg. 218 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-2-72

INDEXED G. D. BAILEY DATE

T = 64°

WEATHER WINDY

TIME 1:50 TO 2:30

NOTES CHKD L.R.M.

INST. NO 96716

ROD NO 71348

DATE 22 NOV

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 111-42 TO B.M. 111-41
B.M. 111-42							B.M. 111-42
1	17131	318 5	34 / 0 / 34	281122	582 5	296 / 266 / 30	PINE CN. RD. NEAR HO # 20052.
2	11062	312 5	½ 26 / 11 / 30 / 48 / 64	275851	576 5	289 / 261 / 28 / 58	SEE F.B. 2437-54
3	30790	331 5	12 / 36 / 100	252260	553 5	269 / 235 / 34 / 92	
4	72081	373 5	89 / 55 / 34 / 134	231452	532 5	250 / 212 / 38 / 130	
5	100189	401 5	122 / 78 / 44 / 178	33411	334 5	56 / 10 / 46 / 176	
6	275357	576 5	288 / 262 / 26 / 204	3581	304 5	½ 16 / 3 / 26 / 202	
7	301213	602 5	½ 301 / 288 / 26 / 230	51199	352 5	64 / 38 / 26 / 228	T = MALDONADO
8	179751	480 5	209 / 149 / 60 / 290	193872	494 5	223 / 163 / 60 / 288	
9	14756	315 5	½ 36 / 14 / 44 / 334	283110	584 5	306 / 262 / 44 / 332	
10	5731	306 5	½ 24 / 5 / 38 / 372	294643	595 5	½ 294 / 274 / 40 / 372	
11	133787	434 5	135 / 131 / 4 / 376	92172	393 5	94 / 90 / 4 / 376	
B.M. 111-41						376 / 752	B.M. 111-41
	1141848			1992673			PINE CN. RD. NEAR HO. # 19700
				1141848			SEE F.B. 2437-53
				850825			

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR LED 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 L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER DATE 7-26-72 WEATHER LT. WIND INST. NO. 96716

NOTES BY SIEMANN TIME 1:45 TO ROD NO. 71348

INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD L.R.M. DATE 22 NOV 72

F.B. 2437 PG. 219

T = 78°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 111-42 TO B.M. 111-43
B.M. 111-42							B.M. 111-42
1	151 893	452 5	184 118 66	129 168	430 5	164 94 70	PINE CN. RD. NEAR HO. # 20052.
							SEE F.B. 2437-54
2	222 647	523 5	236 208 28	9211	310 5	22 ½ 9 26	
			94			96	
3	294 372	595 5	304 284 20	55289	356 5	65 45 20	
			114			116	
4	223 843	524 5	256 190 66	75479	376 5	109 41 68	
			180			184	
5	235 549	536 5	254 216 38	7231	308 5	29 ½ 7 42	
			218			226	
6	278 932	579 5	289 267 22	92 271	393 5	98 86 12	
			240			238	T = MALDONADO
7	283 358	584 5	296 270 26	60 799	361 5	73 47 26	
			266			264	
8	291 826	592 5	291 ½ 263 56	83 071	384 5	110 56 54	
			322			318	
9	180 321	481 5	213 147 66	48 898	349 5	81 15 66	
			388			384	
10	290 121	591 5	307 273 34	10 503	311 5	32 ½ 10 44	
			422			428	
11	147 448	448 5	150 144 6	147 090	448 5	149 145 4	
			428			432	
						428	B.M. 111-43
B.M. 111-43						860	PINE CN. RD. AT HO. # 20544
	2599510			719010			SEE F.B. 2437-55
	719010						
	1880500						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-43 TO B.M. 111-42
B.M. 111-43									B.M. 111-43
1	17	053	318 5	½ 38 17 42	274	152	575 5	295 253 42	PINE CN. RD. AT. HO# 20544
									SEE F.B. 2437-55
2	✗17	460	318 5	½ 50 17 ~~33~~ 66	170	770	471 5	203 137 66	
				75				108	
3	87	676	388 5	111 63 108 48	282	228	583 5	307 258 49	
				156				157	
4	6	729	307 5	½ 28 6 44	300	982	601 5	½ 300 280 40	
				200				197	
5	8	522	309 5	½ 18 8 20	233	827	534 5	244 222 22	T = MALDONADO
				220				219	
6	4	213	305 5	½ 36 4 64	191	033	492 5	226 156 70	
				284				289	
7	103	791	404 5	122 84 38	271	869	572 5	292 250 42	
				322				331	
8	19	052	320 5	28 10 18	234	624	535 5	239 229 10	
				340				341	
9	4	530	305 5	½ 20 4 32	175	602	476 5	190 159 31	
				372				372	
10	138	812	439 5	167 109 58	153	024	454 5	183 123 60	
				430				432	
B.M. 111-42								430	B.M. 111-42
	407	838			2288	111		862	PINE CN. RD. & HO.# 20052.
					407	838			SEE F.B. 2437-54
					-1880	273			

T = 68°

WEATHER WINDY INST. NO. 96716

TIME 1:00 TO 1:45 ROD NO. 1713 AB

NOTES CHKD I. R. M. DATE 22 NOV 72

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-2-72

INDEXED G. D. BAILEY DATE

F.B. 2437 PG. 220

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M.111-43 TO B.M.111-44A
B.M.111-43							B.M.111-43
1	259 539	560 5	281 237 44	42 627	343 5	64 20 44	PINE CN. RD. AT HO.# 20544. SEE F.B. 2437-55
2	250 253	551 5	276 224 52 96	48 871	349 5	74 22 52 96	
3	229 708	530 5	242 216 26 122	34 511	335 5	47 21 26 122	
4	300 198	601 5	½ 300 287 26 148	6 269	307 5	½ 20 6 28 150	
5	275 892	576 5	290 260 30 178	64 995	365 5	79 49 30 180	π = MALDONADO
6	264 302	565 5	289 239 50 228	4 977	305 5	½ 29 4 50 230	
7	277 380	578 5	296 258 38 266	5 326	306 5	½ 25 5 40 270	
8	294 438	595 5	½ 294 280 28 294	22 638	323 5	36 8 28 298	
9	294 951	595 5	½ 294 280 28 322	4 793	305 5	½ 22 4 36 334	
10	214 098	515 5	223 205 18 340	126 228	427 5	129 123 6 340	
B.M.111-44A						340	B.M.111-44A
	2660 759			361 235		680	PINE CN. RD. & HO.# 20810 SEE F.B. ~~2437~~ 3723-130
	361 235						
	+2299 524						

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 9-26-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER LT. WIND

TIME 2:30 TO 3:15

NOTES CHKD L.R.M. DATE 22 NOV 72

INST. NO. 96716

ROD NO. 1713AB

T = 78°

F.B. 2437 PG. 221

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 222 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-2-72

INDEXED G. D. BAILEY DATE

T = 64°

WEATHER CLEAR INST. NO 96716

TIME 11:00 TO 11:45 ROD NO 7134-B

NOTES CHKD. L R M DATE 22 NOV 72

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 111-44A TO B.M. 111-43
B.M. 111-44A							B.M. 111-44A
1	32083	333 5	40 24 16	198317	499 5	206 190 16	PINE CN. RD. & HO.# 20810.
							SEE F.B. 3723-130
2	31925	332 5	43 19 24 40	243790	544 5	254 232 22 38	
3	28178	329 5	41 15 26 66	260823	561 5	272 248 24	
4	27622	328 5	44 10 34 100	264488	565 5	283 245 62 38	
5	5989	306 5	½ 27 5 44 144	250947	551 5	271 229 100 42	T = MALDONADO
6	41270	342 5	64 18 46 190	298673	599 5	½ 298 278 142 40	
7	49131	350 5	61 37 24 214	288229	589 5	303 273 182 30	
8	6882	307 5	½ 16 6 20 234	210739	511 5	220 200 212 20	
9	18456	319 5	½ 42 18 48 282	239561	540 5	262 216 232 46	
10	46603	347 5	73 19 54 336	262779	563 5	289 235 278 54	
11	98774	399 5	100 96 4 340	168019	469 5	173 163 332 10 342	
B.M. 111-43						340 682	B.M. 111-43
	386913			2686365 386913 2299452			PINE CN. RD. & HO.# 20544
							SEE F.B. 2437-55

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]ED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 9-27-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER Sunny & Calm INST. NO. 96716
TIME 10:05 to 10:55 ROD NO. 1713 A&B
NOTES CHKD L.R.M. DATE 22 NOV 72

T. 76'

F.B. 2437 PG. 223

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM BM 111-44A TO BM 111-~~45~~ 44B
BM 111-				302					23½		BM 111-44A
1	286	082	587 5	270	32	9	252	310 5	9½	28	Pine Canyon Rd., Ho. # 20810
											See F.B. 3723-130
2	295	~~596~~ 182	596 5	295½ 281½	28	14	046	315 5	29 -1	30	
					60					58	
3	293	021	594 5	293½ 275½	36	71	000	372 5	89 53	36	π-Siemann
					96					94	
4	253	208	554 5	268 238	30	17	182	318 5	33 1	32	
				306	126				25	126	
5	295	695	596 5	284	22	13	908	314 5	21	24	
				294	148				42	150	
6	282	310	583 5	270	24	31	049	332 5	20	22	
				302	172				44	172	
7	289	241	590 5	276	26	31	550	332 5	18	26	
				306	198				34	198	
8	289	170	590 5	272	34	18	681	319 5	2	32	
				290½	232				158	230	
9	290	645	591 5	266½	48	135	091	436 5	112	46	
				152	280				78	276	
10	128	151	429 5	104	48	53	009	354 5	28	50	
				292½	328				109	326	
11	292	862	593 5	276½	32	92	140	393 5	75	34	BM 111-44B (P.I. 257, L.A.Co.Mon.)
					360					360	Pine Canyon Rd, @ Pine Canyon Road
										360	Side Rest (L.A. Co.).
	2995	567				486	908			720	See F.B. 3723-129
	486	908									
BM 111-~~45~~ 44B	2508	659									~~BM 111-45~~
											~~Pine Canyon Rd. @ U.S.F.S. Guard Station (Ho. # 21256)~~
											See F.B. 2437-57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 111-~~45~~ 44B								
1	50	679	351 5	72 28 44	300	369	601 5	300, 281½ 38
2	130	104	431 5	144 116 28	185	449	486 5	203 167 36
3	185	120	486 5	212 158 72 54	290	701	591 5	290, 264½ 74 52
4	14	731	315 5	30½ 14½ 126 32	278	409	579 5	294 262 126 32
5	45	999	346 5	59 31 158 28	288	520	589 5	300 276 158 24
6	14	371	315 5	24 4 186 20	298	763	599 5	298, 284½ 182 28
7	13	740	314 5	26 0 206 26	301	482	602 5	301, 289½ 210 24
8	38	293	339 5	53 23 232 30	259	579	560 5	274 244 234 30
9	71	809	372 5	92 50 262 42	273	282	574 5	293 253 264 40
10	15	590	316 5	27 3 304 24	301	130	602 5	301, 289½ 304 24
11	34	424	335 5	46 22 328 24	267	570	568 5	278 256 328 22
12	121	200	422 5	126 116 352 10	19	480	500 5	205 193 350 12
				362				362
	736	060			24 ~~3764~~ 734			362
					736 060			724
BM 111-~~45~~ 44A					~~2428~~ 674			
					-2508			

DESCRIPTION AND REMARKS 44A

FROM BM 111-~~45~~ 44B TO BM 111-~~44A~~ 44A

BM 111-~~45~~ 44B (P.I. 257 L.A.Co. Mon) @ Pine Canyon Road - ~~U.S.F.S. Guard Sta.~~ Side Rest Area (L.A.Co.) Pine Canyon Rd. (~~Ho. # 21256~~)

See F.B. ~~2437-57~~ 3723-129

T-Siemann

BM 111-~~45~~ 44A

Pine Cyn. Rd., Ho. # 20810

See F.B. 3723-130

T-62°

F.B. 2437 Pg. 224

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-2-72

INDEXED G.D. BAILEY DATE

WEATHER Sunny & Br. INST. NO. 96716

TIME 10:05 to 10:50 ROD NO. 1713A&B

NOTES CHKD L.R.M. DATE 22 NOV 72

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-44B TO BM 111-45
BM									BM 111-44B (P.I. 257, L.A.Co. Mon.)
1	298	031	599 5	298 1/2 / 281 1/2 34	15	992	316 5	32 1/2 / 15 1/2 34	Pine Canyon Rd. @ Pine Canyon
									Roadside Rest area (L.A. Co.)
2	274	999	575 5	291 / 257 34	41	000	342 5	58 / 24 34	See F.B. 3723-129
				68				68	
3	296	889	597 5	296 1/2 / 283 1/2 26	10	159	311 5	23 1/2 / 10 1/2 26	π-Siemann
				94				94	
4	295	159	596 5	306 / 284 22	20	001	321 5	33 / 7 26	
				116				120	
5	293	851	594 5	293 1/2 / 278 1/2 30	8	730	309 5	22 1/2 / 8 1/2 28	
				146				148	
6	285	320	586 5	300 / 270 30	10	769	311 5	26 1/2 / 10 1/2 32	
				176				180	
7	218	941	519 5	221 / 215 6	89	510	390 5	92 / 86 6	
				182				186	
								182	
	1963	190			196	164		368	
	196	161							BM 111-45 (Bt. SPK. in Lead)
BM 111-45	+1767	029							Pine Cayon Rd. @ U.S.F.S. Guard
									station (Ho. # 21256)
									See F.B. 2437-57

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 9-27-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER Sunny & Calm INST. NO. 96716

TIME 11:00 to 11:25 ROD NO. 1713 A48

NOTES CHKD. L.R.M. DATE 22 NOV 72

T-80°

F.B. 2437 PG. 225

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM BM 111-45 TO BM 111-44B
BM 111-45											BM 111-45 (Bt. SPK. in Lead)
1	16	469	317 5	21 11	10	222	048	523 5	228 216	12	Pine Canyon Rd. @ U.S.F.S. Guard
2	16	008	317 5	30 2	28	290	369	591 5	304 276	28	Station (Ho. #21256)
3	16	970	317 5	27 5	38 22	253 ~~25~~	990	554 5	263 243	40 20	See F.B. 2437-57
4	64	930	365 5	75 53	60 22	275	811	576 5	286 264	60 22	π-Siemann
5	14	650	315 5	25 3	82 22	272	870	573 5	283 261	82 22	
6	43	520	344 5	55 31	104 24	225	121	526 5	238 212	104 26	
7	45	364	346 5	61 29	128 32	290	538	591 5	307 273	130 34	
8	92	695	393 5	102 82	160 20	246	747	547	256 236	164 20	
					180					184	
										180	BM 111-44B (P.I. 257, L.A.Co. Mon)
BM 111-44B											Pine Cyn. Rd. @ Pine Canyon
	310	606				2077	494			364	Roadside Rest area (L.A.Co.)
						310	606				See F.B. 3723-129
						2766	888				

T-76°

F.B. 2437 PG. 226 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-29-72

INDEXED G.D. BAILEY DATE

WEATHER Cloudy INST. NO. 96716

TIME 2:20 ROD NO. 1713 AEB

NOTES CHKD L.R.M. DATE 22 NOV 72

76P526 CE # 308 3-61

PLEASE RETURN TO
L. ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHANGED 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 L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. Dreier DATE 9-27-72 WEATHER Sunny & Calm INST. NO. 26716

NOTES BY Maldonado TIME 11:25 to 1:40 ROD NO. 17134B

INDEXED G. D. BAILEY DATE NOV 1 1972 NOTES CHKD L. R. M. DATE 22 NOV 72

T-80°

F.B. 2437 PG. 227

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS From BM 111-45 To BM 111-46
BM 111-45				32					173		BM 111-45 (Bt. SPK. in Lead)
1	26	568	327 5	20	12	167	477	468 5	161	12	Pine Canyon Rd. @ U.S.F.S. Guard
				281			382		231		Station (Ho. #21256)
2	268	141	569 5	255	26	10	~~382~~	311 5	10½	26	See F.B. 2437-57
				301	38				32	38	
3	301	620	602 5	287½	28	18	397	319 5	4	28	T-Siemann
				301	66				40	66	
4	286	125	587 5	271	30	24	700	325 5	8	32	
				285	96				94	98	
5	285	712	586 5	260½	50	69	987	370 5	44	50	
				291	146				28½	148	
6	269	540	570 5	247	44	5	940	306 5	5½	46	
				293	190				26	194	
7	282	729	583 5	271	22	16	635	317 5	6	20	
				301	212				32	214	
8	301	250	602 5	291½	24	23	082	324 5	14	18	
				302	232				54	232	
9	292	108	593 5	282	20	46	020	347 5	38	16	
				306	252				38	248	
10	298	112	599 5	290	16	30	277	331 5	22	16	
				302	268				38	264	
11	292	372	593 5	282	20	27	323	328 5	16	22	
				292	288				43	286	
12	279	620	580 5	266	26	31	780	332 5	19	24	
				300	314				15½	310	
13	290	238	591 5	280	20	4	018	305 5	4½	22	
				295½	334				121	332	
14	295	598	596 5	276½	38	101	909	402 5	81	40	
				235	372				32½	372	
15	209	738	510 5	183	52	6	544	307 5	6½	52	BM 111-46
				247	424				110	424	Pine Cyn. Rd., 0.5 mi. W'ly of U.S.F.
16	240	251	541 5	233	14	103	940	404 5	96	14	S. Guard Station
					438					438	See F.B. 2437-58
BM 111-46	4219	722				688	415			438	
										876	

+4219.722
− 688.415
+3531.307

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-46 TO BM 111-45
BM 111-46									BM 111-46
1	40	199	341 5	53 40½ 26	282	340	583 5	296 268 28	Pine Cyn Rd., 0.5 mi. of U.S.F.S.
2	25	682	326 5	61 25½ 72 98	297	388	598 5	297 262½ 70 98	Guard Station
3	3	422	304 5	12 3½ 18 116	281	019	582 5	292 270 22 120	See F.B. 2437-58
4	20	151	321 5	38 2 36 152	300	861	601 5	300 285½ 30 150	
5	9	252	310 5	20 9½ 22 174	292	902	593 5	300 284 16 166	T-Siemann
6	7	093	308 5	16 7½ 18 192	295	782	596 5	305 285 20 186	
7	19	621	320 5	26 12 14 206	298	945	599 5	298 288½ 20 206	
8	5	553	306 5	14 5½ 18 224	296	680	597 5	305 287 18 224	
9	10	986	311 5	22 -2 24 248	264	856	565 5	276 252 24 248	
10	13	595	314 5	39 13½ 52 300	246	196	547 5	270 220 50 298	
11	86	129	387 5	108 64 44 344	295	827	596 5	295 277½ 36 334	
12	25	011	326 5	39 11 28 372	296	411	597 5	296 280½ 32 366	
13	6	731	307 5	20 6½ 28 400	295	014	596 5	295½ 280½ 30 396	
14	40	910	341 5	51 29 22 422	237	529	538 5	251 223 28 424	
15	232	984	533 5	235 229 6 428	97	142	398 5	100 94 6 430 428	
	547	319			407	892		858	BM 111-45 (Bt. SPk. in Lead)
					547	319			Pine Cyn. Rd. @ U.S.F.S. Guard
BM 111-45					-353	573			Station (Ho. #21256)
									See F.B. 2437-57

T-78°

F.B. 2437 PG. 228

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado

INDEXED G.D. BAILEY DATE

WEATHER Cloudy INST. NO. 96716

TIME 1:25 to 2:15 ROD NO. 1713 A&B

NOTES CHKD L.R.M. DATE 22 NOV 78

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHANGED 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 L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER DATE 9-27-72 WEATHER CLEAR INST. NO. 26716

NOTES BY SIEMANN TIME 1:50 PM ROD NO. 47348

INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD L.R.M. DATE 22 NOV 72

F.B. 2437 PG. 229

T = 82°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 111-46 TO B.M. 111-47
B.M. 111-46							B.M. 111-46
1	152432	4535	269 135 34	73565	3745	90 56 34	PINE CN. RD. NEAR CULVERT #465.
2	296711	5975	½ 296 276 40 74	8529	3095	½ 28 8 40 74	SEE F.B. 2437-58
3	277289	5785	288 266 22 96	45366	3465	57 33 24 98	
4	297647	5985	½ 297 281 32 128	8859	3095	½ 25 8 34 132	
5	293013	5945	½ 293 278 30 158	3490	3045	½ 17 3 28 160	
6	288418	5895	301 275 26 184	16750	3175	29 3 26 186	
7	288843	5895	299 277 22 206	17526	3185	28 6 22 208	
8	264176	5655	274 254 20 226	11703	3125	½ 22 ½ 11 22 230	
9	296272	5975	306 286 20 246	9385	3105	19 9 20 250	T TORU OHASHI
10	292353	5935	301 283 18 264	17171	3185	25 9 16 266	
11	290140	5915	298 282 16 280	13622	3145	21 5 16 282	
12	279160	5805	286 272 14 294	21930	3225	29 13 16 298	
13	281250	5825	288 274 14 308	23912	3245	31 15 16 314	
14	279813	5805	288 270 18 326	22830	3235	30 14 16 330	
15	283581	5845	291 275 16 342	19260	3205	27 11 16 346	
	461098			313898			
			CONT				CONT. PG.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-46 TO B.M. 111-47
	4161	098			313	898			CONT. PG
16	276	896	577 5	284 342 / 268 16	25	918	326 5	32 346 / 18 14	
17	281	120	582 5	289 358 / 273 16	16	339	317 5	25 360 / 7 18	
18	300	513	601 5	300 374 / 288 24	30	440	331 5	42 378 / 18 24	
19	230	992	531 5	244 398 / 216 28	17	850	318 5	30 402 / 4 26	
20	269	670	570 5	274 426 / 264 10	25	833	326 5	29 428 / 21 8	
21	168	043	469 5	170 436 / 166 4	90	339	391 5	92 436 / 88 4	
				440				440	
B.M. 111-47								440	B.M. 111-47
	5688	332			520	617		880	PINE CN. RD. & SAW MILL MTN. RD.
	520	617							SEE F.B. 2437-59
	+5167	715							

T = 80°

WEATHER CLEAR INST. NO 96716

TIME 3:00 ROD NO 1713 AB

NOTES CHKD L.R.M. DATE 22 NOV 72

F.B. 2437 PG. 230

JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-27-72

INDEXED G.D. BAILEY DATE

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHANGED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY SIEMANN DATE 9-29-72 WEATHER CLOUDY INST. NO. 86716
INDEXED G. D. BAILEY DATE NOV 1 1972 TIME 10:35 TO NOTES CHKD L. R. M. DATE ROD NO. 17348 22 NOV
T = 78°
F.B. 2437 PG. 231

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 111-47 TO B.M. 111-46
B.M. 111-47							B.M. 111-47
1	22243	3235	26 / 18 8	275440	5765	279 / 271 8	PINE CN. RD. & SAWMILL MTN. RD.
							SEE F.B. 2437-59
2	17803	3185	20 / 14 6	183563	4845	186 / 179 7	
3	51439	3525	67 / 35 14 / 32	249253	5505	264 / 234 15 / 30	
4	24708	3255	33 / 15 46 / 18	284612	5855	294 / 274 45 / 20	
5	21078	3225	29 / 13 64 / 16	276868	5775	284 / 268 65 / 16	
6	10874	3115	18 / 2 80 / 16	279654	5805	287 / 271 81 / 16	
7	20295	3215	28 / 12 96 / 16	281141	5825	289 / 273 97 / 16	π = OHASHI
8	20398	3215	28 / 12 112 / 16	271792	5725	279 / 263 113 / 16	
9	5904	3065	13 / 5 128 / 16	297800	5985	305 / 289 129 / 16	
10	24310	3255	31 / 17 144 / 16	282488	5835	289 / 275 145 / 14	
11	15928	3165	23 / 7 160 / 16	277351	5785	285 / 269 159 / 16	
12	9449	3105	17 / 1 176 / 16	287704	5885	296 / 278 175 / 18	
			192				193
	244429			3247666			

CONT.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 PG. 232 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY OREIE NOTES SIEMANN 9-29-72

INDEXED G. D. BAILEY DATE

WEATHER CLOUDY INST. NO. 76716

TIME 12:00 ROD NO. 1713 A B

NOTES CHKD. L. R. M. DATE 22 M 72

T = 82°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 111-47 TO B.M. 111-46
	244 429			31 192	247 666			274 193	
13	22 700	323	5	13 18	266 663	567	5	258 16	CONT. PREV. PG.
				41 210	5			275 209	
14	32 443	333	5	23 18	266 962	566	5	255 20	
				32 228				301 229	
15	21 804	322	5	10 22	290 352	591	5	279 22	
				49 250				277 251	T = OHASHI
16	38 330	339	5	27 22	266 930	567	5	255 22	
				31 272				286 273	
17	19 602	320	5	7 24	274 061	575	5	262 24	
				40 296				294 297	
18	25 790	326	5	10 30	279 630	580	5	264 30	
				27 326				298 327	
19	11 100	312	5	11 32	298 307	599	5	282 32	
				358				293 359	
20	8 858	309	5	24 8 32	276 490	577	5	259 34	
				52 390				178 393	
21	31 913	332	5	10 42	158 609	459	5	138 40	
				432				433	
B.M. 111-46								432	B.M. 111-46
	456 969				5624670			865	PINE CN. RD. NEAR CULVERT # 4.65.
					456 969				SEE F.B. 2437 - 58
					- 5167701				

76P # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
	14	9					14	10	8				FROM B.M. 111-47 TO B.M. 111-47A
BM 111-47													B.M. 111-47
1	19	879	320	5	24 / 14	10	299	970	600	5	305 / 295	10	PINE CN. RD. & SAWMILL MTN. RD.
													SEE F.B. 2437-59
2	16	922	317	5	21 / 11	10	167	666	468	5	172 / 162	10	
3	9	377	310	5	½ 24 / 9	20 / 30 / 50	286	266	587	5	295 / 277	20 / 18 / 38	⊼ J. MALDONADO
4	~~79~~ 79	~~47~~ 475	380	5	83 / 75	08 / 58	285	763	586	5	295 / 275	20 / 58	
5	15	137	316	5	20 / 10	10 / 68	258	661	559	5	263 / 253	10 / 68	
6.	11	165	312	5	18 / 4	12 / 80	300	800	601	5	½ 300 / 292	16 / 84	
7.	12	822	313	5	19 / 5	14 / 94	295	719	596	5	303 / 287	16 / 100	
8	6	386	307	5	½ 13 / 6	14 / 108	220	873	521	5	224 / 216	8 / 108	
9	12	319	313	5	19 / 5	14 / 122	284	358	585	5	292 / 276	16 / 124	
10	10	794	311	5	17 / 3	14 / 136	288	870	589	5	295 / 281	14 / 138	
11	13	777	314	5	21 / 5	16 / 152	276	011	577	5	283 / 269	14 / 152	
12	9	997	310	5	17 / 1	16 / 168	284	216	585	5	291 / 277	14 / 166	+ 410.976
13	8	740	309	5	16 / 0	16 / 184	299	062	600	5	½ 299 / 291	16 / 182	− 5485.592
14	10	967	311	5	17 / 3	14 / 198	280	028	581	5	287 / 273	14 / 196	~~25.384~~
15	11	337	312	5	18 / 4	14 / 212	294	059	595	5	302 / 286	16 / 212	− 5074.616
16	4	557	305	5	½ 12 / 2	16 / 228	293	757	594	5	300 / 286	14 / 226	BM. 111-47A
17	13	791	314	5	21 / 5	16 / 244	282	738	583	5	290 / 274	16 / 242	PINE CYN. RD. AT. CULVERT # 5.50
18	17	962	318	5	25 / 9	16 / 260	299	622	600	5	½ 299 / 290	18 / 260	F.B. 3723-136
19	6	020	307	5	½ 15 / 6	18 / 278	260	452	561	5	268 / 252	16 / 276	
20	119	552	420	5	121 / 117	4 / 282	226	701	527	5	229 / 223	6 / 282	
BM 111-47A	410	976					5485	592				282	564

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 9-28-72

INDEXED G.D. BAILEY DATE NOV 1 1972

WEATHER Scat. Clouds-Clear

TIME 10:10 - 11:00

NOTES CHKD L.R.M. DATE 22 NOV '72

T = 72°

ROD NO. 1713A-3

INST. NO. 96716

F.B. 2437 PG. 233

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS FROM BM. 111-47A TO BM. 111-47
BM. 111-47A													B.M. 111-47A
1	298	517	599	5	306 / 290	16	4	936	305	5	13 / 4	18	PINE CYN. RD & CULVERT #5.50
2	266	633	567	5	273 / 259	14 / 30	4	257	305	5	13 / 4	18 / 36	SEE F.B 3723-136
3	301	059	602	5	301 / 292	18 / 48	36	787	337	5	42 / 30	12 / 48	
4	285	571	586	5	292 / 278	14 / 62	4	373	305	5	12 / 4	16 / 64	
5	281	018	582	5	288 / 274	14 / 76	11	700	312	5	18 / 4	14 / 78	⊼ J. MALDONADO
6	297	669	598	5	304 / 290	14 / 90	4	039	305	5	12 / 4	16 / 94	
7	266	868	567	5	272 / 260	12 / 102	25	537	326	5	32 / 18	14 / 108	
8	276	871	577	5	283 / 269	14 / 116	74	102	375	5	78 / 70	8 / 116	
9	277	218	578	5	284 / 270	14 / 130	15	111	316	5	22 / 8	14 / 130	
10	252	842	553	5	258 / 246	12 / 142	82	650	383	5	88 / 72	12 / 142	T.P. CULVERT #5.35
11	301	718	602	5	301 / 293	16 / 158	12	532	313	5	20 / 4	16 / 158	
12	269	849	570	5	276 / 262	14 / 172	21	598	322	5	28 / 14	14 / 172	
13.	287	514	588	5	294 / 280	14 / 186	7	658	308	5	18 / 8	14 / 186	
14	282	443	583	5	288 / 276	12 / 198	9	332	310	5	16 / 2	14 / 200	
15	281	158	582	5	287 / 275	12 / 210	3	072	304	5	18 / 3	14 / 214	
16	292	312	593	5	299 / 285	14 / 224	58	333	359	5	63 / 53	10 / 224	
17	274	587	575	5	281 / 267	14 / 238	39	838	340	5	46 / 32	14 / 238	
18	275	032	576	5	283 / 267	16 / 254	55	252	356	5	63 / 47	16 / 254	
19	196	276	497	5	201 / 189	12 / 266	81	600	382	5	88 / 74	14 / 268	
20	295	680	596	5	299 / 291	8 / 274	28	548	329	5	32 / 24	8 / 276	
21	287	645	488	5	189 / 185	4 / 278	92	352	393	5	94 / 90	4 / 280	
BM. 111-47												278 / 558	B.M. 111-47
	5848	480					673	607					PINE CYN RD & SAWMILL MT. RD
	673	607											SEE F.B. 2437-59
	+ 5074	873											

F.B. 2437 PG. 234

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. PRIER NOTES T. OHASHI 9-28-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR T=82° INST. NO. 96716

TIME 2:20 ROD NO. 173A&B

NOTES CHKD L.R.M. DATE 22 NOV 72

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 10-6-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER 70° LT. WIND
TIME 10:00 11:30
NOTES CHKD L.R.M. DATE 22 NOV 72
ROD NO. 7134-B
INST. NO. 96716
F.B. 2437 PG. 235

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT RERUN Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 111-47 TO B.M. 111-47A
B.M. 111-47									B.M. 111-47
1	6	807	3075	½ 12 6 12	270	979	571 5	274 266 8	~~ELIZABETH LA~~ PINE CN. RD. AT SUMMIT & SAWMILL MTN. RD.
2	12	880	313 5	16 8 8	176	832	477 5	182 170 12	SEE F.B. 2437-59
3	20	733	321 5	34 6 20 28	290	323	591 5	304 276 20 28	RERUN
4	15	509	316 5	20 10 48 10	248	242	549 5	253 243 48 10	π J. MALDONADO
5	13	232	314 5	20 6 58 14 72	297	929	598 5	304 290 58 14 72	
6	6	880	307 5	14 -2 16 88	297	903	598 5	305 289 16 88	
7	5	848	306 5	½ 12 5 14 102	295	097	596 5	302 288 14 102	
8	18	642	319 5	25 11 14 116	268	951	569 5	274 262 12 114	
9	14	773	315 5	21 7 14 130	270	380	571 5	277 263 14 128	
10	5	672	306 5	½ 12 2 5 14 144	269	948	570 5	276 262 14	
11	24	470	325 5	31 17 14 158	272	283	573 5	279 265 142 14	
12	6	600	307 5	½ 14 6 16 174	296	922	591 5	304 288 156 16	+370.223
13	16	868	317 5	23 9 14 188	274	290	575 5	281 267 172 14	-5445.038
14	10	748	311 5	17 3 14 202	293	348	594 5	300 286 186 14	-5074.815
15	3	028	304 5	½ 11 2 3 16	300	484	601 5	½ 300 292 200 16	
16	13	281	314 5	20 6 216 14	299	240	600 5	½ 299 292 216 14	
17	18	111	319 5	26 10 23 230 16	285	672	586 5	293 277 230 16	
18	15	353	316 5	7 248 16	273	238	574 5	281 265 246 16	B.M. 111-47A
19	18	974	319 5	26 10 123 262 16	274	278	575 5	282 266 90 262 16	PINE CN. RD AT CULVER 5.50
20	121	814	422 5	119 ~~276~~ 4	188	699	487 5	186 278 04	
	370223			282	5445038			282 284	564

F.B. 2437 Pg. 236 JOB NO 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes 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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier DATE 9-28-72 WEATHER Sunny & Clear INST. NO. 96716
NOTES BY Maldonado TIME 11:10 to 12:05 ROD NO. 17313 & 17314
INDEXED G.D. BAILEY DATE NOV 1 1972 NOTES CHKD L.R.M. DATE 22 NOV 72
F.B. 2437 PG. 237

T-80°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 111-47A TO BM 111-48
BM 111-47A							BM 111-47A
1	20679	3215	34 1/2 20 2 28	286907	5875	300 272 28	Pine Cyn. Rd. @ Culvert #5550
2	8196	3095	22 1/2 8 2 28	280590	5815	294 266 28	See F.B. 3723-186
3	11340	3125	20 2 18 56	290008	5915	300 280 20 56	
4	4060	3055	16 1/2 4 2 24 74	287831	5885	297 277 20 76	T-Siemann
5	24190	3255	34 14 20 98	273552	5745	283 263 20 96	
6	4005	3455	14 1/2 4 2 20 118	299290	6005	299 1/2 289 1/2 20 116	
7	27228	3285	37 17 20 138	281990	5825	291 271 20 136	
8	46819	3475	58 34 24 158	268621	5695	280 256 24 156	
9	8630	3095	22 1/2 8 2 28 182	293289	5945	304 282 22 180	
10	5031	3065	9 1 8 210	271120	5725	278 264 14 202	
11	7911	3085	15 -1 16 218	299090	6005	306 292 14 216	
12	28890	3295	37 19 18 234	252328	5535	261 243 18 230	
13	30023	3315	39 21 18 252	299677	6005	299 1/2 290 1/2 18 248	
14	15929	3165	22 8 14 270	278502	5795	285 271 14 266	
15	15140	3165	23 7 16 284	239173	5405	248 230 18 280	
16	73739	3745	85 61 24 300	275503	5765	287 263 24 298	BM 111-48 (U.S.G.S. K-22 1929)
BM 111-48			324			322 324 646	Pine Cyn. Rd. & 180 Ft. N'ly. from Int. of Dirt Rd. & Mail Box #23011, Skelton.
	331810			4477471 331810 -4145661			See F.B. 2437-60

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	9 8 6 7			7 9 7			FROM BM 111-48 TO BM 111-47A
BM 111-48							BM 111-48 (U.S.G.S. K-22 1929)
1	301 428	602 5	301½ 287½ 28	50 868	351 5	64 36 28	Pine Cyn. Rd. & 180 Ft. N'ly from
2	278 740	579 5	287 269 18	5 050	306 5	13 5½ 16	Int. of Dirt Rd. @ Mail Box # 23011,
3	294 724	595 5	302 286 46 16	23 723	324 5	30 16 44 14	See F.B. 2437-60 Skelton.
4	286 100	587 5	295 277 62 18	41 661	342 5	50 32 58 18	
5	296 439	597 5	305 287 80 18	15 831	316 5	24 6 76 18	X-Siemann
6	292 811	593 5	300 284 98 16	15 670	316 5	23 7 94 16	
7	289 978	590 5	295 283 114 12	41 131	342 5	48 34 110 14	
8	279 316	580 5	292 266 126 26	29 666	330 5	42 16 124 26	
9	272 662	573 5	284 260 152 24	32 890	333 5	44 20 150 24	
10	301 508	602 5	301½ 290½ 176 22	19 422	320 5	30 8 174 22	
11	299 620	600 5	299 289 198 20	12 999	313 5	22 2 196 20	
12	292 499	593 5	302 282 218 20	37 260	338 5	47 27 216 20	
13	295 420	596 5	295½ 283½ 238 24	12 330	313 5	24 0 236 24	
14	298 749	599 5	298½ 287½ 262 22	54 835	355 5	65 43 260 22	
15	299 378	600 5	299½ 287½ 284 24	~~40~~ 4 308	305 5	17 4½ 282 26	
16	259 334	560 5	266 252 308 14	95 501	396 5	102 88 308 14	
			322			322	BM 111-47A
	4638 706			493 145		322	Pine Cyn. Rd. @ Culvert
	493 145					644	#5.50.
BM 111-47A	4145 561						See F.B. 3723-136

T-80°

WEATHER Sunny & Calm INST. NO. 96716

TIME 1:15 to 2:20 ROD NO. 1713A & B

NOTES CHKD. L.R.M. DATE 22 NOV 72

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado

INDEXED G.D. BAILEY DATE

F.B. 2437 Pg. 238

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E.D.
NOTES BY Maldonado DATE 9-6-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER Sunny & Br. INST. NO. 96716
TIME 1200 to 1:40 ROD NO. 1713A/B
NOTES CHKD L.R.M. DATE 2 NOV 72
F.B. 2437 PG. 239

T-78°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS FROM BM111-48 TO BM111-48A
BM111-				277					45		BM111-48 (U.S.G.S. K-22 1929)
1	265	790	566 5	253	24	31	978	332 5	17	28	Pine Cyn. Rd. & 180 Ft. N'ly. from Int.
2	250	182	551 5	259 241	18	4	570	305 5	11 4½	14	of Dirt road @ Mail Box # 23011,
3	276	464	577 5	284 268	42 16	19	153	320 5	26 12	42 14	See F.B. 2437-60 Skelton.
4	293	730	594 5	302 284	58 18	39	400	340 5	48 30	56 18	
5	280	138	581 5	288 272	76 16	18	953	319 5	26 10	74 16	
6	278	230	579 5	286 270	89 92 16	34	575	335 5	41 27	90 14	T-T. Ohashi
7	269	060	570 5	280 258	108 22	187	330	488 5	199 175	104 24	
8	171	570	472 5	188 154	130 34 164	65	310	366 5	82 48	128 34 162	
9	263	405	564 5	280 246	34 198	33	260	334 5	50 16	34 196	
10	284	069	585 5	298 270	28 226	8	408	309 5	22 8½	28 224	
11	300	205	601 5	300½ 286½	28 254	9	610	310 5	24½ 9½	30 254	
										254	
	2932	843				452	547			508	
BM111-49	452	547									BM 111-~~49~~ 48A
	+2480	296									Pine Cyn. Rd. & ~~0.1 mi.~~ 400 Ft. W. of Culvert
											# 5.93 3723-138
											see F.B. ~~2437-61~~

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

F.B. 2437 Pg. 240 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-19-72

INDEXED D. BAILEY DATE

WEATHER Sunny & Br. INST. NO. 96716

TIME 1:30 to 2:30 ROD NO. 713 AEB

NOTES CHKD. L. R. M. DATE 22 NOV '72

T-62°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-48A TO BM 111-48
BM 111-48A									BM 111-48A
1	8	282	309 5	21, 8½ 26	254	900	555 5	266 242 24	Pine Cyn Rd. & 400 Ft. W. of
2	24	139	325 5	36 12 24	273	788	574 5	285 261 24	Culvert #5.93
3	28	160	329 5	44 12 50 32	247	715	548 5	262 48 232 30	See F.B. 3723-138
4	22	467	323 5	41 3 82 38	224	290	525 5	245 78 203 42	
5	17 ~~22~~	4803 ~~2290~~	475 ~~525~~ 5	191 157 120 34	298	970	599 5	298, 120 284½ 28	T- T. Ohashi
6	X 10	673	311 5	17 3 154 ~~28~~ 14	294	410	595 5	305 148 285 20	
7	12	281	313 5	21 3 168 18	251	830	552 5	259 168 243 16	
8	41	840	342 5	48 34 186 14	281	164	582 5	288 184 274 14	
9	8	703	309 5	16, 8½ 200 16	293	810	594 5	202 198 284 18	
10	9	903	310 5	19 9½ 216 20	235	012	537 5	246 216 226 20	
11	54	680	355 5	63 45 236 18	219	340	520 5	228 236 210 18	
				254				254	
								254	
	395	931			2876	229		508	
					395	931			
BM 111-48					-2480	298			BM 111-48 (U.S.G.S. K-22, 1929) Pine Cyn. Rd. & 180 Ft. N'ly, From Int. of Dirt Rd. & Mail Box #23011, Skelton. See F.B. 2437-60

76P52 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHANGED 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 L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 10-6-72 WEATHER Sunny & Br. INST. NO. 96716

INDEXED G.D. BAILEY DATE NOV 1 1972 TIME 1:40 to 2:35 ROD NO. 1713 A&B

NOTES CHKD L.R.M. DATE 22 NOV 72

T - 78°

F.B. 2437 PG. 241

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 111-48A TO BM 111-49
BM 111-48A					266						211		BM 111-48A
1	242	370	543	5	218	48	187	358	488	5	163	48	Pine Cyn. Rd. ~~1 mi.~~ 400 ft. W. of Culvert
					45						299		#5.93
2	34	637	335	5	23	22	289	974	590	5	279	20	See F.B. 3723-138
					13½	70					295	68	
3	3	408	304	5	3½	20	286	338	587	5	277	18	
					24	90					279	86	
4	16	463	317	5	8	16	271	729	572	5	263	16	
					25	106					249	102	
5	14	725	315	5	3	22	238	161	539	5	227	22	T - T. Ohashi
					114	128					32½	124	
6	86	093	387	5	58	56	4	668	305	5	4½	58	
					278	184					19½	188	
7	267	372	568	5	256	22	8	050	309	5	8½	22	
					286	206					27	208	
8	278	822	579	5	270	16	19	671	320	5	11	16	
					287	222					23	218	
9	279	232	580	5	271	16	15	981	316	5	7	16	
					301	238					31	234	
10	293	295	594	5	285	16	23	425	324	5	15	16	
					297½	254					12½	250	
11	297	985	598	5	289½	16	4	202	305	5	4½	16	
					271	270					62	266	
12	264	300	565	5	157	24	55	400	356	5	48	14	
					251	294					71	280	
13	247	860	548	5	243	8	66	320	367	5	61	10	
						292						290	
												292	
												582	
	~~512 232~~						1471	277					
	2326 632						~~512 232~~						
BM 111-49	1471 277						~~959 046~~						BM 111-49
	+855 355												Pine Cyn. Rd. & 150± E. of Culvert
													#6.43
													See F.B. 2437-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 111-49 TO BM 111-48A
BM 111-49									BM 111-49
1	13	033	314 5	18 8 10	21~~8~~2	848	513 5	218 206 12	Pine Cyn. Rd. & 150 Ft.± E. of Culvert # ~~5.93~~ 6.43
2	18	490	319 5	27 9 18	297	140	598 5	297½ 289½ 16	See F.B. 2437-61
3	7	827	308 5	15½ 7½ 28 16	293	500	594 5	301 285 28 16	
4	12	130	313 5	20 4 44 16	300	278	601 5	300½ 292½ 44 16	
5	33	331	334 5	40 26 60 14	274	088	575 5	282 266 60 16	T-Ohashi
6	18	827	319 5	26 10 74 16	273	137	574 5	281 265 76 16	
7	9	315	310 5	22½ 9½ 90 26	246	365	547 5	259 233 92 26	
8	57	810	358 5	85 29 116 56	14	855	315 5	42½ 14½ 118 56	
9	257	913	558 5	267 247 172 20	9	516	310 5	19½ 9½ 174 20	
10	290	810	591 5	298 282 192 16	25	640	326 5	33 17 194 16	
11	273	487	574 5	282 264 208 18	28	205	329 5	37 19 210 18	
12	296	524	597 5	296½ 285½ 226 22	65	855	366 5	76 54 228 22	
13	13~~5~~6	043	437 5	157 115 248 42	239	783	540 5	259 219 250 40	
				290				290	
								290	
	1425	540			2281	210		580	
					1425	540			
					855	670			BM 111-48A
									Pine Cyn. Rd. & 400 Ft. W. of Culvert # 5.93
BM 111-48A									See F.B. 3723-138

T-64°

WEATHER Sunny & Breezy INST. NO. 96716

TIME 11:20 to 1:30 ROD NO. 1713A&B

NOTES CHKD L.R.M. DATE 22 NOV 72

F.B. 2437 PG. 242 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 10-19-72

INDEXED G.D. BAILEY DATE

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET 52°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 10-20-72
INDEXED G.D. BAILEY DATE NOV 1 1972
WEATHER OVERCAST
TIME 10:40
NOTES CHKD L.R.M. DATE 22 NOV 72
INST. NO 96716
ROD NO 17134-B
F.B. 2439 PG. 243

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-48A TO B.M. 111-49
B.M. 111-48A									B.M. 111-48A
1	238	338	539 5	264 212 52	222	223	523 5	248 196 52	PINE CN. RD., W. OF CULVERT 5.93 SEE F.B. 3723-138
2	22	922	323 5	33 11 22	291	866	592 5	301 281 20	
3	8	195	309 5	18 ½ 8 74 20	294	409	595 5	303 285 72 18	RERUN
4	23	819	324 5	31 15 94 16	272	190	573 5	280 264 90 16	T. OHASHI
5	31	515	332 5	41 21 110 20	222	679	523 5	232 212 106 20	
6	132	870	433 5	163 101 130 62	~~30~~ 3	037	304 5	32 ½ 3 126 58	
7	233	642	534 5	239 227 192 12	15	791	316 5	26 4 184 22	
8	294	468	595 5	303 285 204 18	6	828	307 5	14 ½ 6 206 16	
9	290	490	591 5	298 282 222 16	7	302	308 5	15 ½ 7 222 16	
10	285	302	586 5	293 277 238 16	36	723	337 5	43 39 238 14	
11	293	483	594 5	301 285 254 16	3	562	304 5	11 ½ 3 252 16	
12	280	029	581 5	288 272 270 16	35	120	336 5	44 26 268 18	
13	167	803	468 5	169 165 286 4	35	700	336 5	38 32 286 6	B.M. 111-49
	2302	876		290	1447	430		292 290	PINE CN. RD., E. OF CULVERT 6.43
	1447	430						582	SEE F.B. 2437-61
B.M. 111-49	855	446							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM111-49 TO BM111-48A
BM 111-49									BM 111-49
1	16	323	317 5	21 11 10	213	647	514 5	219 207 12	Pine Cyn. Rd., E. of Culvert 6.43
2	7	330	308 5	16½ 7½ 18	296	580	597 5	296½ 288½ 16	See F.B. 2437-61
3	9	915	310 5	17 1 28 16	284	686	585 5	292 276 28 16	
4	16	860	317 5	24 8 44 16	293	429	594 5	301 285 44 16	
5	19	637	320 5	27 11 60 16	280	841	581 5	288 272 60 16	T- T. Ohashi
6	6	630	307 5	14½ 6½ 76 16	270	960	571 5	278 262 76 16	Re-Run
7	8	333	309 5	23½ 8½ 92 30	249	158	550 5	264 234 92 30	
8	75	733	376 5	98 52 122 46	73	012	374 5	96 50 122 46	
9	246	809	547 5	256 236 168 20	30	430	331 5	40 20 168 20	
10	285	707	586 5	293 277 188 16	22	530	323 5	30 14 188 16	
11	270	130	571 5	278 262 204 16	42	729	343 5	50 34 204 16	
12	287	299	588 5	297 277 220 20	36	247	337 5	46 26 220 20	
13	233	720	534 5	259 207 240 52	245	848	546 5	271 219 240 52	
				292				292	
								292	
	1484	426			2340	097		584	
					1484	426			
					855	671			BM 111-48A
									Pine Cyn. Rd., W. of Culvert 5.93
									See F.B. 3723-138
BM 111-48A									

T-54°

WEATHER Overcast INST. NO. 96716

TIME 1:05 to 2:00 ROD NO. 1713A&B

NOTES CHKD E.R.M. DATE 22 NOV '72

F.B. 2437 PG. 244 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado

INDEXED G.D. BAILEY DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHANGED 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 L.A. CO. PRECISE LEVEL NET T = 62°

SURVEY BY G. E. DREIER WEATHER CLOUDY INST. NO 96716

NOTES BY SIEMANN DATE 10-10-72 TIME 10:30 TO ROD NO 71248

INDEXED G. D. BAILEY DATE NOV 1 1972 NOTES CHKD L. R. M. DATE 22 NOV 72

F.B. 2437 PG. 245

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 111-49 TO B.M. 111-50
B.M. 111-49									B.M. 111-49
1	211	481	512 5	230 192 38	6169	307 5	½ 25 2 6 38		PINE CN. R.D. NEAR CULVERT #6.43
									SEE F.B. 2437 - 61
2	298	430	599 5	½ 298 286 24 62	9483	310 5	½ 23 2 9 28		
3	300	167	601 5	½ 300 295 10 72	57002	358 5	62 52 66 10 76		
4	295	108	596 5	304 286 18 90	27288	328 5	36 18 18 94		
5	283	891	584 5	292 274 18 108	27932	328 5	36 18 18 112		
6	299	061	600 5	309 289 20 128	13986	314 5	23 5 18 130		
7	301	090	602 5	½ 301 290 22 150	21027	322 5	32 10 22 152		
8	297	810	598 5	½ 297 281 32 182	38512	339 5	57 19 38 190		X MALDONADO
9	291	081	592 5	½ 291 270 42 224	3188	304 5	½ 21 3 36 226		
10	292	122	593 5	306 278 28 252	3790	304 5	½ 16 3 26 232		
1	293	349	594 5	302 284 18 270	8858	309 5	½ 18 8 20 272		
2	298	081	599 5	305 291 14 284	28209	329 5	36 20 16 288		+ 4905.650
3	289	040	590 5	298 280 18 302	20630	321 5	29 11 18 306		− 1257.272
4	286	553	587 5	296 276 20 322	22428	323 5	32 12 20 326		+ 3648.378 DIFF.
5	275	862	576 5	286 264 22 344	41168	342 5	30 34 22 348		
6	270	833	571 5	285 254 31 375	21535	322 5	34 4 30 378		516
7	104	001	405 5	122 86 36 411	291790	592 5	½ 291 273 36 414		516
8	21	409	322 5	34 4 30 441	266680	567 5	283 249 34 448		1032 STADIA
19	57	899	358 5	75 39 36 477	292062	593 5	292 274 36 484		B.M. 111-50
20	138	382	439 5	157 119 38 516	55535	356 5	71 55 32 516		PINE CN. RD. & TIMBERLINE MEADOW RESORT. SEE F.B.
B.M. 111-50	4905	650			1257	272			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M.111-50 TO B.M.111-49
B.M.111-50									B.M.111-50
1	44	872	345 5	1/2 62 44 36	125	483	426 5	144 106 38	PINE CN. RD. & TIMBERLINE
2	292	761	593 5	308 276 32 68	71	861	372 5	88 54 34 72	MEADOW RESORT.
3	274	741	575 5	293 255 38 106	5	641	306 5	1/2 25 5 40 112	SEE F.B.
4	299	277	600 5	1/2 299 278 42 148	177	529	478 5	192 156 36 148	
5	4	779	305 5	1/2 22 4 36 184	300	828	601 5	1/2 300 283 34 182	
6	9	965	310 5	20 -2 22 206	288	032	589 5	300 276 24 206	
7	20	564	321 5	30 10 20 226	282	417	583 5	292 272 20 226	
8	11	631	312 5	20 2 18 244	301	110	602 5	1/2 301 292 18 244	T = MALDONADO
9	6	653	307 5	1/2 14 6 16 260	281	288	582 5	289 273 16 260	
10	8	327	309 5	18 -2 20 280	277	401	578 5	287 267 20 280	
11	19	133	320 5	32 6 26 306	257	412	558 5	270 244 26 306	
12	8	538	309 5	1/2 30 8 44 350	274	166	575 5	294 254 40 346	
13	12	748	313 5	1/2 28 12 32 382	281	961	582 5	293 269 24 370	
14	45	893	346 5	53 37 16 398	297	526	598 5	1/2 297 285 24 394	
15	9	289	310 5	16 2 14 412	268	921	569 5	277 259 18 412	
16	6	188	307 5	1/2 18 6 24 436	298	023	599 5	1/2 298 287 22 434	
17	4	783	305 5	1/2 14 4 20 456	295	173	596 5	304 286 18 452	
18	8	849	309 5	16 0 16 472	274	502	575 5	282 266 16 468	
19	17	069	318 5	27 7 20 492	249	291	550 5	260 238 22 490	
20	54	409	355 5	69 39 30 522	200	581	501 5	216 184 32 522	
B.M.111-49	1160	469			4809	146		1044	B.M.111-49
					1160	469			PINE CN. RD. NEAR CULVERT # 6.43
					-3648	677			SEE F.B. 2437-61

T = 58°

WEATHER CLEAR, BRZE. INST. NO 96716

TIME 10:15 TO ROD NO 1713AB

NOTES CHKD T.R.M. DATE 22 NOV 72

JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 10-19-72

INDEXED G.D. BAILEY DATE

F.B. 2437 PG. 246

76P52 CE # 308 3-61

PLEASE RETURN TO
L. ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHANGED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASH DATE 10-10-72 WEATHER CLOUDY INST. NO. 96116
INDEXED G.D. BAILEY DATE NOV 1 1972 TIME 11:30 - 1:50 ROD NO. 17134-B
NOTES CHKD L.R.M. DATE 22 NOV 72
T = 58
F.B. 2437 PG. 247

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia	FORESIGHT Right	Mic.	Left	Mic.	Stadia	DESCRIPTION AND REMARKS
											FROM BM 111-50 TO B.M. 111-51
BM 111-50											B.M. 111-50
1	289	706	590	5	296 282	52	822	353	5	59 45 14	PINE CYN RD. & TIMBERLINE MEADOW
2	298	459	599	5	½ 298 ½ 289	19	588	320	5	32 6 26 40	RESORT HOUSE # 24100
					22 36						SEE F.B. 2437-62
3	294	728	595	5	294 ½ 262	4	422	305	5	½ 37 4 66 106	
4	259	839	560	5	288 230	11	839	312	5	½ 40 11 58 164	T. R. SIEMANN
					58 158						
5	55	816	356	5	71 39	251	700	552	5	268 234	
					32 190					34 198	
6	274	338	575	5	304 244	106	371	407	5	131 81	
					60 250					50 248	
7	288	612	589	5	306 270	35	925	336	5	54 16	
					36 286					38 286	
8	155	761	456	5	170 140	87	148	388	5	102 72	
					30 316					30 316	
9	280	441	581	5	293 261	25	736	326	5	38 12	
					26 342					26 342	
10	269	258	570	5	284 254	88	678	389	5	104 72	
					30 372					32 374	
11	264	638	565	5	289 239	124	746	425	5	149 99	
					50 422					50 424	
12	133	725	434	5	144 122	96	488	397	5	106 86	
					22					20	
					444					444	
B.M. 111-51										444	B.M. 111-51
	2865324					905	463			888	PINE CYN RD & 2.4 MI. EASTERLY OF INT WITH 3 PT. RD. (SUMMIT)
	905463										SEE F.B. 2437-63
	+1959858										

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 111-51 TO B.M. 111-50
B.M. 111-51									B.M. 111-51
1	113	880	414 5	136 / 90 46	188	850	489 5	212 / 164 48	PINE CYN. RD. 2.4 MI. EASTERLY OF
2	40	101	341 5	65 / 15 50 / 96	293	104	594 5	1/2 293 / 268 50 / 98	INT. WITH 3 PT. RD.
3	16	086	317 5	31 / 1 30 / 126	298	648	599 5	1/2 298 / 284 28 / 126	SEE F.B. 2437-63
4	75	128	376 5	109 / 41 68 / 194	247	671	548 5	283 / 211 72 / 198	⊼ R. SIEMANN
5	23	105	324 5	40 / 6 34 / 228	298	681	599 5	1/2 298 / 286 24 / 222	
6.	115	248	416 5	130 / 100 30 / 258	47	582	348 5	62 / 32 30 / 252	
7.	28~~6~~1	640	582 5	292 / 270 282 / 280	128	581	429 5	142 / 114 28 / 280	
8	1~~2~~3	058	314 5	1/2 37 / 13 48 / 328	288	372	589 5	1/2 288 / 264 48 / 328	
9.	46	865	347 5	69 / 23 46 / 374	206	259	507 5	230 / 182 48 / 376	
10.	26	472	327 5	48 / 4 44 / 418	296	260	597 5	1/2 296 / 227 38 / 414	
11	15	559	316 5	25 / 5 20 / 438	299	918	600 5	1/2 299 / 288 22 / 436	
12.	97	188	398 5	101 / 93 8 / 446	230	301	531 5	234 / 226 8 / 444	
B.M. 111-50								446	B.M. 111-50
	864	330			2824	227		890	PINE CYN RD. & TIMBERLINE MEADOW
					864	330			RESORT HOUSE # 24100
					1959	897			SEE F.B. 2437-62

F.B. 2437 PG. 248

SURVEY OF L.A. Co. PRECISE LEVEL NET. JOB NO. 0301.02

SURVEY BY G.E. DREIER NOTES T. OHASHI 10-18-72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR LT. WIND. INST. NO. 96716

TIME 2:45 - ROD NO. 1713 A & B

NOTES CHKD E. R. M. DATE 22 NOV 72

T=68°

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CHECKED 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 L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 10-10-72
INDEXED G. D. BAILEY DATE NOV 1 1972
WEATHER Scar. Clouds
TIME 1:50
NOTES CHKD L. R. M.
INST. NO. 96716
ROD NO. 713A4B
DATE 22 NOV 72
T=66°
F.B. 2437 PG. 249

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM B.M. 111-51 TO B.M. 111-51A
B.M. 111-51											B.M. 111-51
1	21	850	322 5	½ 36 21	30	263	790	564 5	279 247	32	PINE CYN RD. 2.4 MI. EASTERLY OF
2.	5	830	306 5	½ 15 5	20	300	953	601 5	½ 300 291	18	INT. WITH 3 PT. RD. (SUMMIT)
					50					50	SEE F.B. 2437-63
3	13	761	314 5	22 4	18	291	058	592 5	299 283	16	
					68					66	⊼ R. SIEMANN
4	30	507	331 5	39 21	18	284	138	585 5	293 275	18	
					86					84	
5.	3	359	304 5	½ 12 3	18	295	669	596 5	306 284	22	
					104					106	
6.	9	003	310 5	15 3	12	216	208	517 5	222 210	12	
					116					118	
7	5	661	306 5	½ 13 5	16	293	250	594 5	302 284	18	
					132					136	
8	4	939	305 5	½ 13 4	18	301	128	602 5	½ 301 293	16	
					150					152	
9	8	611	309 5	½ 23 8	30	268	219	569 5	282 254	28	
					180					180	
10	20	162	321 5	30 10	20	298	818	599 5	306 290	16	+ 355.877
					200					196	- 3988.511
11	17	820	318 5	25 9	16	280	458	581 5	287 273	14	- 3632.634
					216					210	
12	21	523	322 5	28 14	14	284	220	585 5	296 272	24	
13	17	281	318 5	28 6	230	294	348	595 5	305 285	234	B.M. 111-51A
14	41	057	342 5	47 35	252	160	441	461 5	165 155	254	PINE CN. RD S.E. OF CULVERT 8.04
15	134	513	435 5	135 133	264	155	813	456 5	156 154	264	
					266					266	SEE F.B. 3723-144
BM 111-51A	355	877				3988	511			532	

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

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

Do not extend notes this side of this line.

INST. NO. 96116
MOD NO. 1
DATE 12-2-96

WEATHER Sest. Clouds
TIME 2:00 - 2:45
NOTES CHKD L. B. 12-2-96

T=62°

JOB NO. 0301.02
NOTES T. Dwight 10-18-72
DATE

SURVEY OF L.A. Co. Reuse Level Net
SURVEY BY G.E. Dreier
INDEXED G. D. BAILEY

F.B. 2437 PG. 250

STATION	BACKSIGHT RIGHT	MIS.	LEFT	STADIA	FORESIGHT RIGHT	MIS.	LEFT	STADIA	DESCRIPTION AND REMARKS FROM B.M. 111-51A TO B.M. 111-51
B.M. 111-51A									B.M. 111-51A
1	260 651	561	5	268 / 252 / 16	35 285	336	5	43 / 27 / 16	PINE CYN RD. S.E. OF CULVERT #8.04
2	288 671	589	5	296 / 280 / 16 / 32	65 183	366	5	72 / 58 / 14 / 30	SEE F.B. 3723-144
3	299 171	600	5	299 / ½ 291 / 16 / 48	6 981	307	5	15 / -3 / 18 / 48	
4	299 938	600	5	307 / 291 / 16 / 64	30 313	331	5	37 / 23 / 14 / 62	⊼ R. SIEMANN
5	301 829	602	5	301 / ½ 291 / 20 / 84	42 960	343	5	54 / 30 / 24 / 86	
6	280 488	581	5	291 / 269 / 22 / 106	13 881	314	5	25 / 1 / 24 / 110	
7	274 290	575	5	285 / 263 / 22 / 128	3 640	304	5	½ 12 / 3 / 18 / 128	
8	288 117	589	5	295 / 281 / 14 / 142	5 601	306	5	½ 13 / 5 / 16 / 144	
9	299 559	600	5	307 / 291 / 16 / 158	20 362	321	5	28 / 12 / 16 / 160	
10	295 948	596	5	304 / 286 / 18 / 176	42 259	343	5	49 / 35 / 14 / 174	
11	293 931	594	5	303 / 283 / 20 / 196	30 688	331	5	40 / 20 / 20 / 194	
12	294 060	595	5	304 / 284 / 20 / 216	15 365	316	5	25 / 5 / 20 / 214	
13	298 439	599	5	298 / ½ 289 / 18 / 234	50 080	351	5	40 / 20 / 20 / 234	
14	266 059	567	5	278 / 254 / 24 / 258	45 711	346	5	56 / 34 / 22 / 256	
B.M. 111-51								258 / 514	B.M. 111-51
	4041 151				408 309				PINE CYN. RD. 2.4 MI. EASTERLY OF INT. WITH 3 PT'S RD.
	408 309								SEE F.B. 2437-63
	+3632842								

(LINE 111 CONTINUED IN F.B. 4125-101)