Notes Ck'd by	Survey of LA Co. PRECISE LEVEL NET
Map. No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F. B. 2844 PG.

BOOK INDEX

F.B. 2844 - PAGE

LINE 109, DESCRIPTIONS, 1961 — 5 THRU 34

LINE 109, 1972 RELEVELING, DIFF IN ELEV, 39 - 176

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Map No.	JN 0301.02 Tape Std °F	
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Date	Indexed H. E. Ott 1 61	

J.N.0301.02

L.A.Co.Precise Level Net

Line No. 109

Bench Mark Descriptions

BM 109-1 to BM 109-24

USBMs 1975;1976;1979;1954;1955

Pg. 6 to Pg. 34

See F.B. 2845 pg. 5 to pg. for differences of elevation

SEE F.B. 3715-187 TO 280 FOR ADDITIONAL DESC.

A.C.Guizado F.E.Brooks
A.L.Gobel D.LeGault
A.R.Barilotti
R.D.Glidden R.R.Rodriguez
G.P.Alwin G.R.Esquer

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F. B. 2844 PG. 6

N

170th ST.E

BM 109-16 pg 22

BM109-17 pg 23

S USBM 1954 pg 34

BM 109-18 pg 24

BMs 109-19; 109-19A pg 25

AVE. T

BM 109-20 pg 26

AVE. T8 4 USBM

BMs 109-21; 109-21A pg 27

BMs 109-23; 109-23A pg 29

BM 109-24 pg 30

BMs 109-15

165th ST.E

109-15A pg 20

BM 109-22 pg 28

AVE.

BMs 109-14

109-14A pg 20

R

Bms 109-13;109-13A;109-13B pg 19

BM 109-12 pg 18

USBM 1979 pg 33

150th ST.E

BLVD

AVE.

BMs 109-11;109-11A pg 17

BMs 109-10;109-10A pg 16

140th ST.E

BMs 109-9;109-9A pg15

130th ST.E

BMs 109-8;109-8A pg 14

BMs 109-7;109-7A pg 13

USBM 1976 pg 32

120th ST.E

PALMDALE

BMs 109-6;109-6A pg 12

BMs 109-5;109-5A pg 11

BMs 109-4;109-4A;109-4B pg 10

USBM 1975 pg 31

110th ST.E

BMs 109-3;109-3A pg 9

Q

105th ST.E

BMs 109-2 pg 8

100th ST.E

BMs 109-1;109-1A pg 7

AVE.

95th ST.E

BMs 107-9;107-9A FB 2840

90th ST.E

PEARBLOSSOM AVE.

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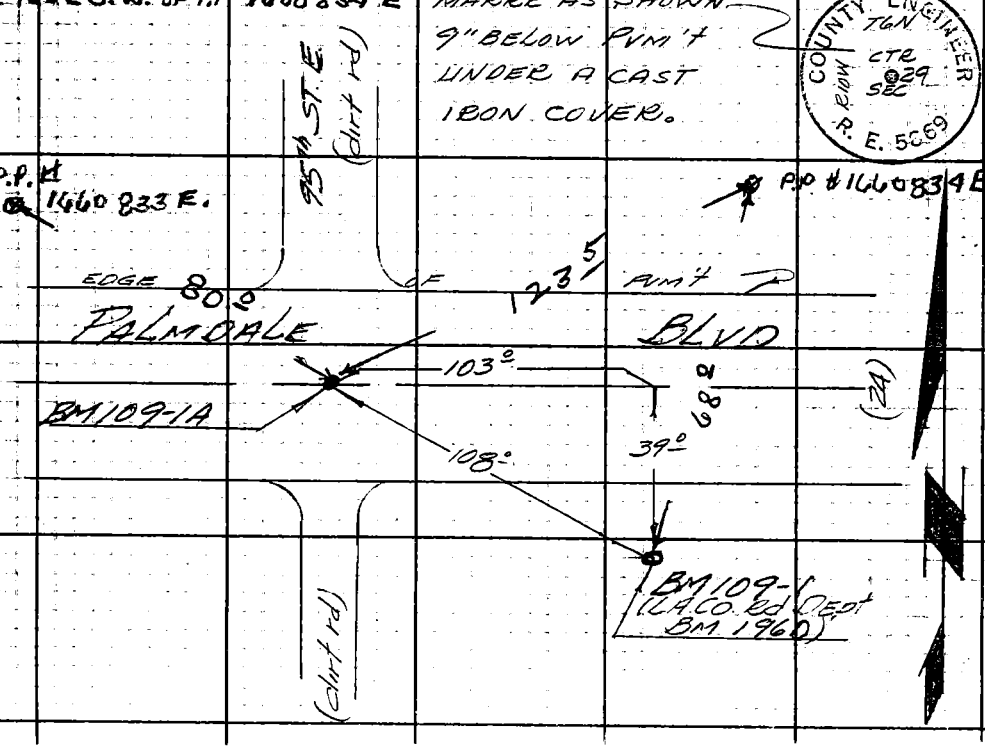
Checked	Notes ACG Date 3/20/61	
Date	Indexed H. E. [illegible] MAY 12 '61	

BM 109-1 (LA CO RD DEPT BM 1960)
PALMDALE BLVD & 95th ST. E (a dirt rd)
SE COR, 108° SE OF ℄ INT, 39°
SO OF ℄ PALMDALE BLVD & 103° E ALONG
℄ FROM ℄ INT. Fd A PRECAST RD DEPT 2"
BM MK'D "LA CO RD DEPT BM 1960" 10"
BELOW SURFACE UNDER CAST IRON COVER
SET 2" MARKER PIPE 2' NORTH R.D. ANDERSON
68° S.W. OF P.P. #1660834 E 10-3-66

BM 109-1A (CENTER OF SECTION 29 T6N R10W)
PALMDALE BLVD & 95th ST. E (a dirt rd) AT ℄
INT, Fd A STD CO ENGR 2 1/4" PRECAST MON
TIES: 80° S.E. OF P.P. #1660833 E.
& 123.5 S.W. OF P.P. #1660834 E
MARKE AS SHOWN
9" BELOW PVM'T
UNDER A CAST
IRON COVER.

COUNTY ENGINEER T6N CTR 29 SEC R10W R. E. 5869



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76F309S S&E #247 11-58

F. B. 2844 PG. 8

BM 109-2

PALMDALE BLVD & 100TH ST E

SE COR, SET A STD CO ENGR BM BRASS
2¼" CAP & IRON PIPE MON MKD "BM 109-2
RE5869 1961" IN A 12" CONC POST ON
A NORTH PROD OF EAST SIDE OF HSE
#10010, 154° EAST ALONG ℄ FROM
℄ INT, 49° SO. OF ℄ & 21° SO. OF
PP# 647245 H

NOTE: FD. 2" MARKER PIPE 2°' No. OF BM.

R. D. ANDERSON
10-3-63

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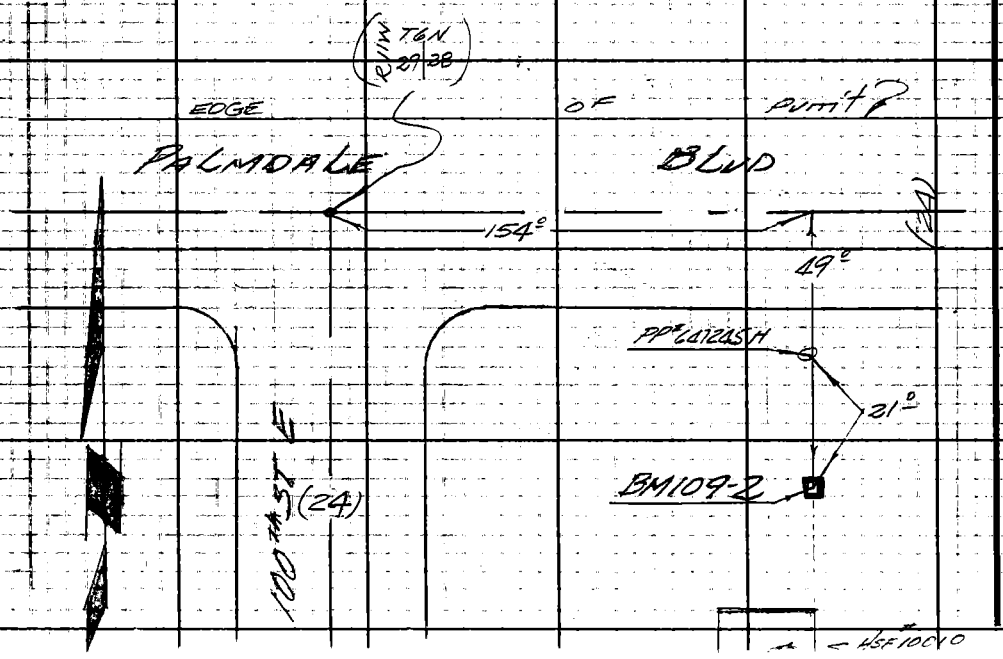

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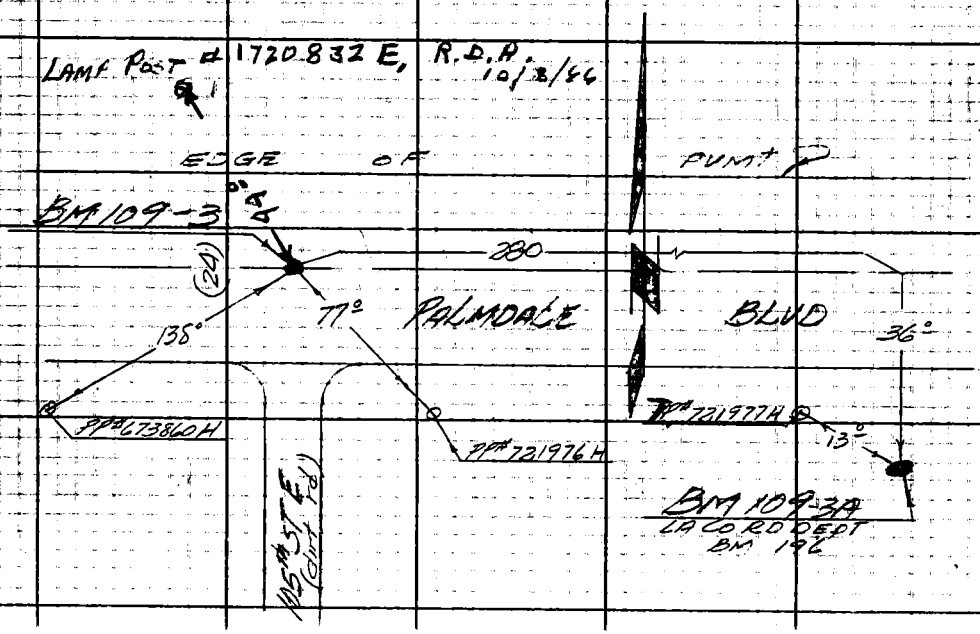
Survey of A. CO. PRECISE LEVEL NET B. 2844 PG. 9
JN 0301-02 Tape Std °F
Surveyed by A.C. GUIZADO
Notes ACG Date 3/16/61
Indexed H. E. OTT

BM 109-3 (CTR SECTION 28 T6N R10W)
PALMDALE BLVD & 105TH ST E (a dirt rd)
@ ℄ INT, FD A STO CO ENGR PRECAST MON
MK'D AS SHOWN — NEW TIE: 44° S.E. OF LAMP POST #1720832E
10" BELOW PVMT
UNDER CAST IRON
COVER

COUNTY ENGINEER
T6N
CTR
28
SEC
R10W
R. E. 5869

BM 109-3A (LA CO RD DEPT 196 BM)
PALMDALE BLVD & 105TH ST E (a dirt rd)
FD A RD DEPT PRECAST 3" BM MK'D "LA CO
RD DEPT BM 196", 10" BELOW SURFACE
UNDER A CAST IRON COVER, 280° E
ALONG ℄ FROM ℄ INT & 36° SO. OF ℄



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76F3099 S&E #247 11-58

F. B. 2844 PG. 10

BM 109-4

PALMDALE BLVD & 110TH ST. E (a dirt rd)

SE COR, SET A STD CO ENGR BM 2 1/4" BRASS CAP MON MKD "BM 109-4 1961 RE5869" IN A 12" CONC POST, 91° E. ALONG ℄ FROM E INT, 38' S. OF ℄, 64' SW OF PP# 721990H & 91' SSE FROM PP# 222

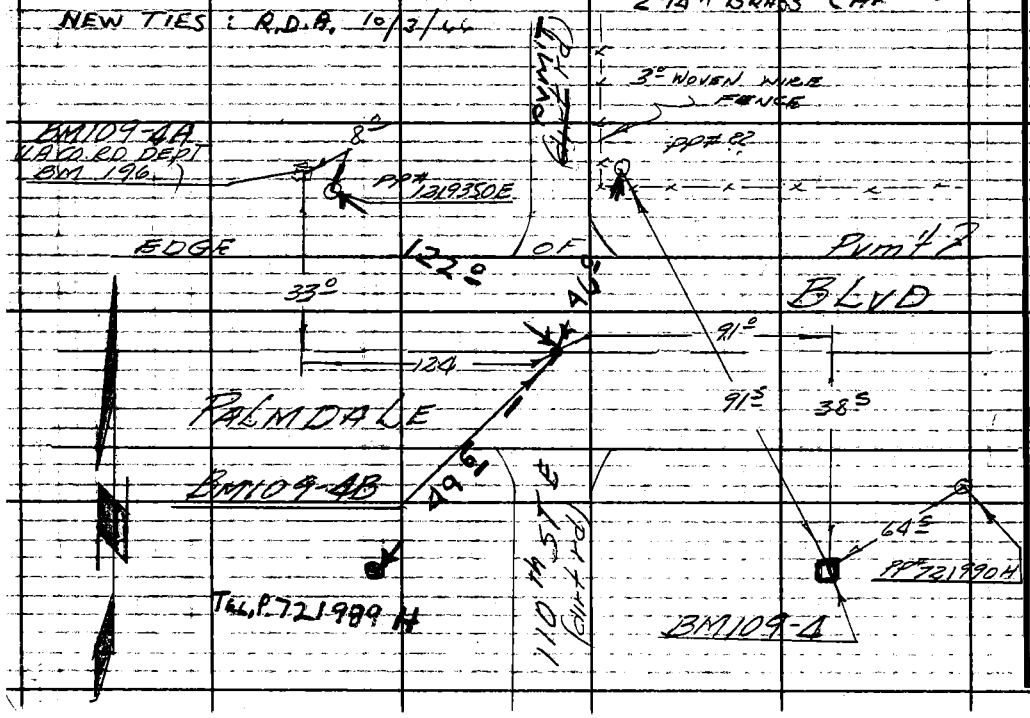
NOTE: FD. 2" MARKER PIPE 1' N. OF B.M.

BM 109-4A (LA CO RD DEPT 196 BM)

PALMDALE BLVD & 110TH ST E (a dirt rd) NW COR, FD A RD DEPT 2" BM MKD "LA CO RD DEPT BM 196", ON 10" BELOW SURFACE, 124° W ALONG ℄ FROM ℄ INT & 33° N. OF ℄ & 8° NW OF PP# 721935OE

BM 109-4B (1/4 SEC COR 28/27 T6N R10W) 2 1/4" BRASS CAP

NEW TIES: R.D.B. 10/3/64



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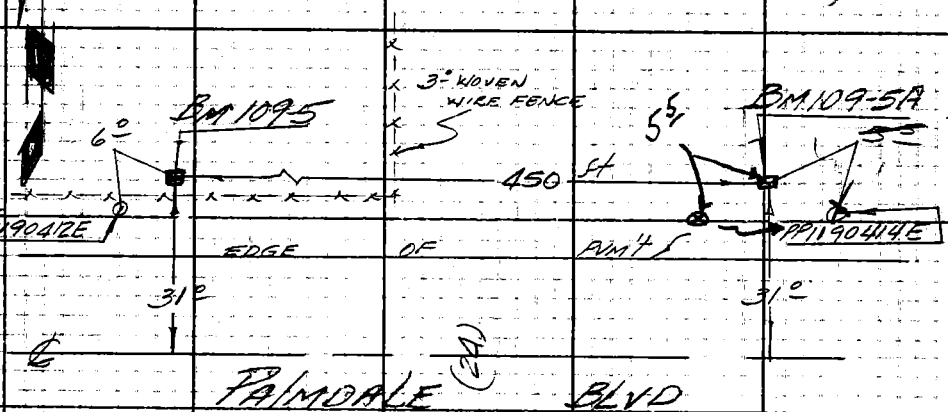
Date	Indexed H. E. OTT

BM 109-5 (L.A. CO. RD DEPT 1960 BM)
PALMDALE BLVD & 115TH ST. E. NO. SIDE FD A RD. DEPT 2" PRECAST MON MK'D "LA CO. RD DEPT BM 1960" 2° N. OF A WOVEN WIRE FENCE, 6° NE OF PP# 1190412E, 31° NO OF ℄ OF Rd & 450 ft± W. OF BM 109-5A, UNDER CAST IRON COVER.

BM 109-5A (L.A. CO. RD DEPT 1960 BM)
PALMDALE BLVD & 115TH ST. E NO. SIDE FD A Rd. Dept 2" PRECAST MON MK'D "L.A. CO. Rd DEPT BM 1960" 450 ft± E OF BM 109-5, 31° N OF ℄ OF Rd & 5° ~~NW~~ N.E. OF PP# 1190414E, UNDER CAST IRON COVER.

R.D.A. 10/3/66



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76F309S S&E #247 11-58

F. B. 2844 PG 12

BM 109-6 SET

PALMDALE BLVD & 120th ST E

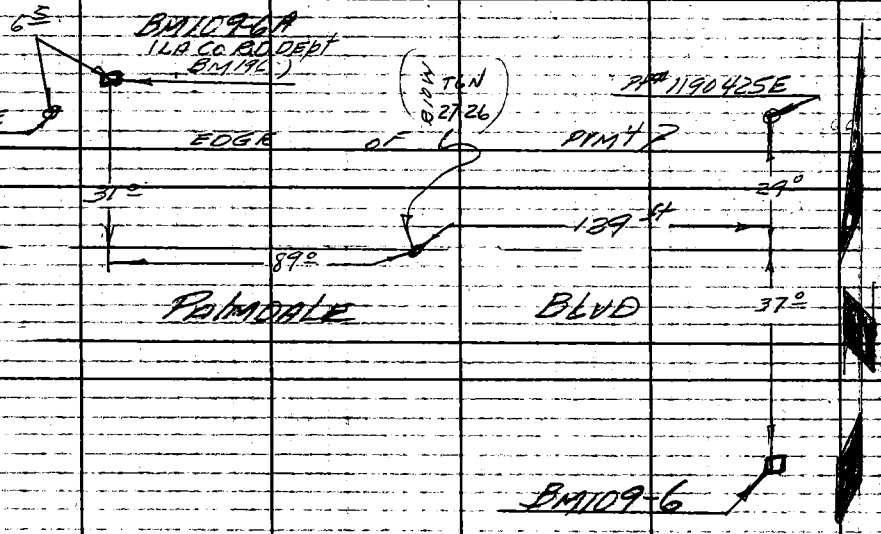
SO. SIDE OF Rd. SET A STD CO ENGR BM 2¼" BRASS CAP & IRON PIPE MON MK'D "BM 109-6 RE5869 1961" IN A 12" CONC POST, 66± SO. OF PP# 1190425E, 129± ft ALONG ℄ FROM 1/4 COR 27/26 & 37± SO. OF ℄ OF Rd.

NOTE: FD. 2" MARKER PIPE 2' NO. OF B.M.

R.D.A. 10/3/66

BM 109-6A (LA Rd Dept 196 BM)

PALMDALE BLVD & 120th ST E ON NO. SIDE OF Rd, FD A Rd DEPT 2" PRECAST MON MK'D "LA CO RD DEPT BM 196" UNDER A CAST IRON COVER, 89± W ALONG ℄ FROM 1/4 COR 27/26, 31± NO. OF ℄ OF Rd & 6± NE OF PP# 1190424E



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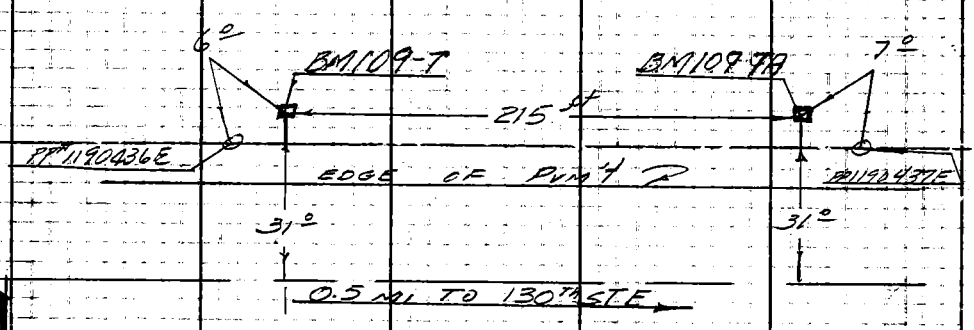
Date	Indexed H. E. OTT

BM 109-7 (L.A. Co. RD. DEPT 1960 BM)
PALMDALE BLVD & 125TH ST E NO.
SIDE OF RD, Fd A RD DEPT PRECAST 2" BRASS
DISK MON MK'D "L.A. CO RD DEPT BM 1960"
UNDER A CAST IRON COVER, 31° NO OF
℄ OF Rd, 215 ft± W OF BM 109-7A & 6°
NE OF PP# 1190436E

BM 109-7A (L.A. Co. RD. DEPT 196 BM)
PALMDALE BLVD & 125TH ST E NO
SIDE OF Rd, Fd A RD DEPT PRECAST 2" BRASS
DISK MON MK'D "L.A. CO. RD DEPT BM 196?"
UNDER A CAST IRON COVER, 215 ft±
E OF BM 109-7, 31° NO OF ℄ OF
Rd & 7° NW OF PP# 1190437E

R.D.A. 10/3/61



PALMDALE BLVD

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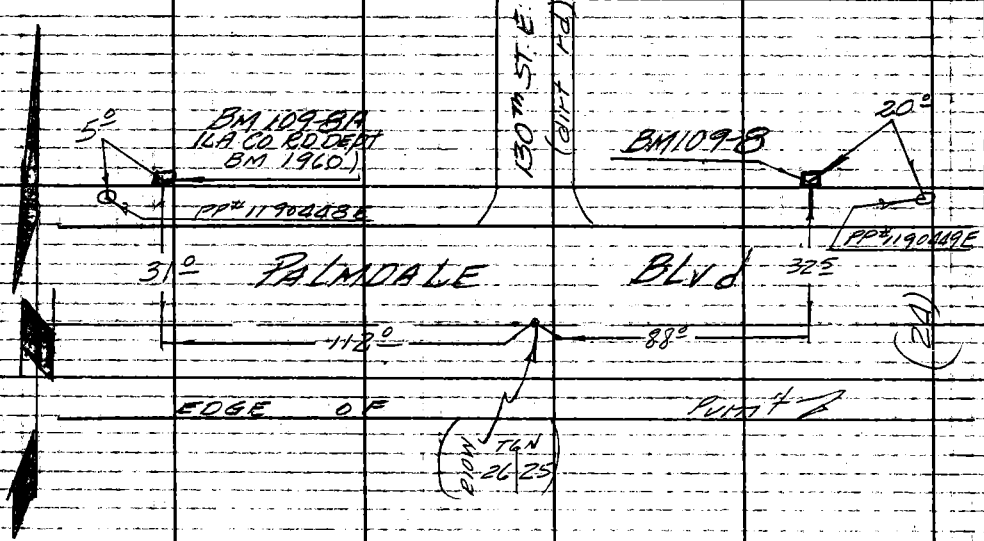
76F309S S&E #247 11-58

F. B. 2844 PG 14

BM 109-8

PALMDALE BLVD & 130TH ST E (adirt rd)
88° ALONG ℄, E FROM 1/4 COR 26/25,
32± NO. OF ℄ OF RD & 20° WSW OF
PP# 1190449E, SET A STD CO. ENGR BM
2 1/4" BRASS CAP & IRON PIPE MON MK'D
"BM 109-8 RE 5869 1961" IN A 12"
CONC POST.
NOTE: SET 1" MARKER PIPE 2' SOUTH OF B.M.
R.D.A. 10/3/64

BM 109-8A (LA CO RD DEPT 1960 BM)
PALMDALE BLVD & 130TH ST E (adirt rd)
112° W ALONG ℄ FROM 1/4 COR 26/25, 31°
NO. OF ℄ OF RD & 5° NE OF PP# 1190448E,
2" BR. DISK IN A RD DEPT MON MK'D "L.A. CO. RD.
DEPT BM 1960" UNDER A CAST IRON
COVER



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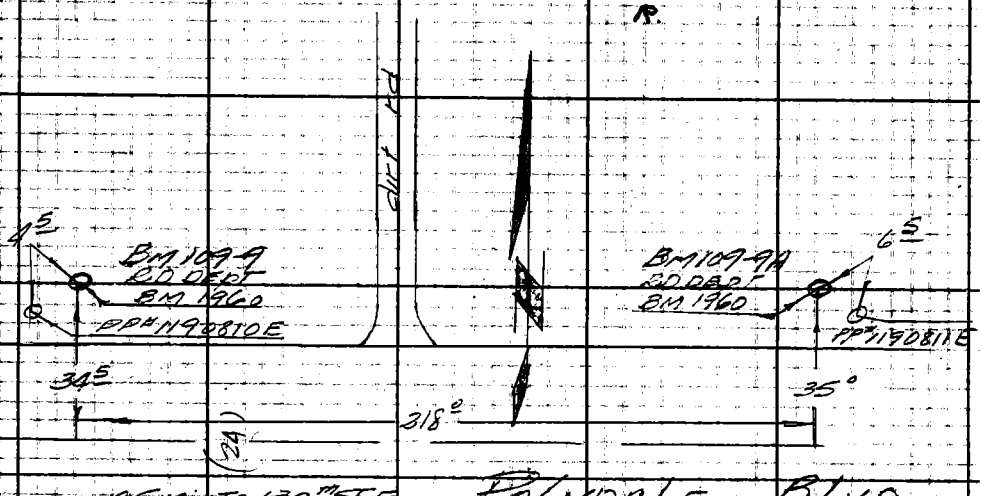
Date	Indexed H. E. OTT

BM 109-9 (LA CO RD DEPT 1960 BM)
PALMDALE BLVD & 135th ST E
2" Br. Disk Fd A RD DEPT MON MK'D "LA CO R.D DEPT BM 1960" UNDER A CAST IRON COVER, 34.5 No. OF ℄ OF ROAD, 4.5' NE OF PP# 1190810 E & 218 ft± W ALONG ℄ FROM BM 109-9A

BM 109-9A (LA CO RD DEPT 1960 BM)
PALMDALE BLVD & 135th ST E NO SIDE
Fd A RD DEPT BM 2" BRASS DISK MK'D "LA CO RD DEPT BM 1960" UNDER A CAST IRON COVER, 35° No. OF ℄ OF Rd, 6.5 NW OF PP# 1190811 E & 218 ft± E ALONG ℄ FROM BM 109-9



.05 MI TO 130th ST E PALMDALE BLVD

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F.B. 2840 PG. 16 SET

BM 109-10

PALMDALE BLVD & 140TH ST E (2 1/4" dirt rd)

NW COR; SET A STD CO. ENGR. BM BRASS CAP & IRON PIPE MON MK'D "BM 109-10 RE 5869 1961" IN A 12" CONC POST, 35° No. OF ℄ OF Road, 59° NW OF ℄ INT & 66° NNW OF PP# 585861E

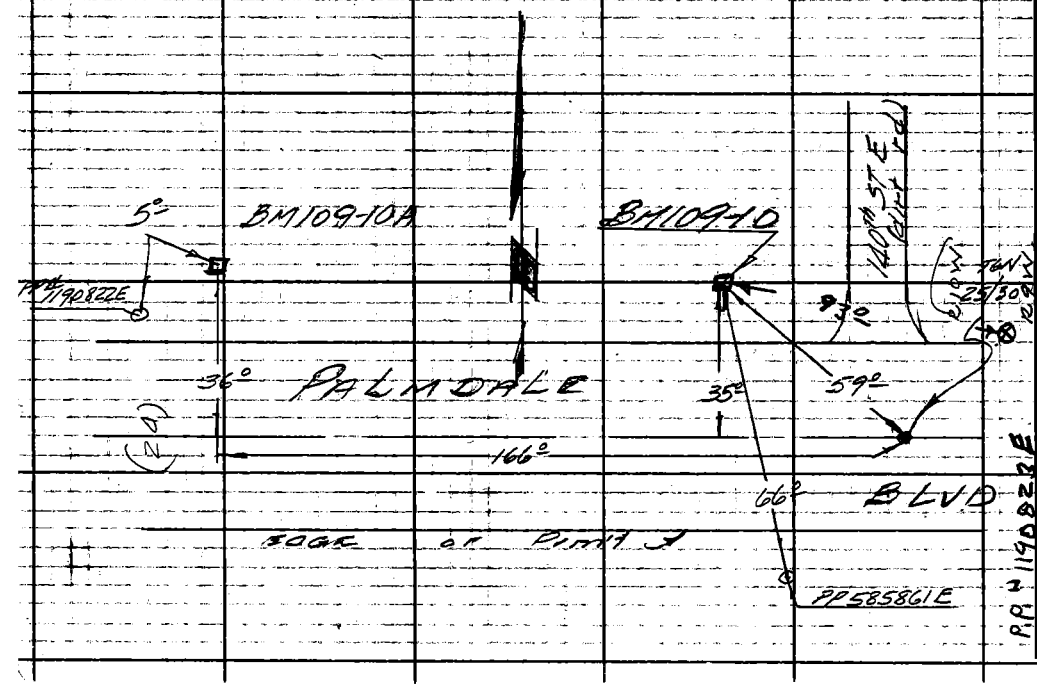
NOTE: SET 2" MARKER PIPE 2' SOUTH OF B.M.

NEW TIE: 93° N.W. OF P.P.# 1190823E R.D.A. 10/3/64

BM 109-10A (L.A. CO. RD DEPT 1960 BM)

PALMDALE BLVD & 140TH ST E (2 1/4" dirt rd)

ON NO SIDE, FD A RD DEPT MON MK'D "LA CO. RD DEPT BM 1960", 36° No. OF ℄, 5° NE OF PP# 1190822E & 166° W, ALONG ℄, FROM 1/4 COR at ℄ INT.



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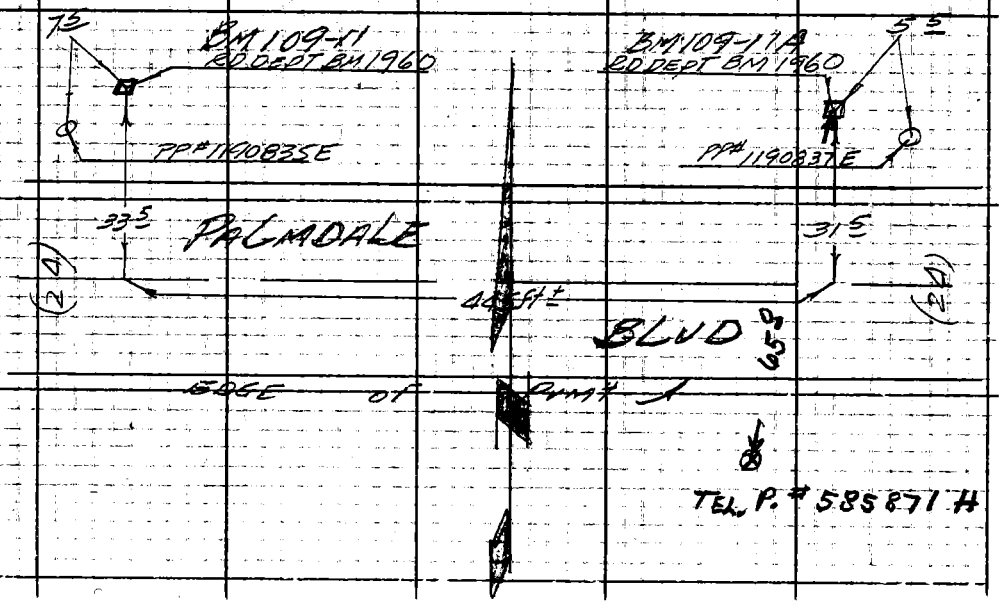
Date	Indexed H. E. OTT

L.A. CO. PRECISE LEVEL NET F. B. 2844 PG. 17

BM 109-11A (LA CO RD DEPT 1960 BM)
PALMDALE BLVD & 145th ST E ON NO SIDE, FD A RD DEPT MON 2" BRASS DISK MK'D "L.A. CO RD DEPT BM 1960" UNDER A CAST IRON COVER, 33± NO OF ℄ OF RD, 1± NE OF PP# 1190835E, & 445 FT± W. ALONG ℄ FROM BM 109-11A

BM 109-11A (LA CO RD DEPT 1960 BM)
PALMDALE BLVD & 145th ST E ON NO SIDE, FD A RD DEPT MON 2" BRASS DISK MK'D "L.A. CO. RD DEPT BM 1960" UNDER A CAST IRON COVER, 31± NO OF ℄ OF ROAD, 5± NW OF PP# 1190837E & 445 FT± E ALONG ℄ FROM BM 109-11A
NEW TIE: 650' N.E. OF TEL. P. # 585871 H
R.D.A. 10/3/66



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F. B. 3844 PG 18

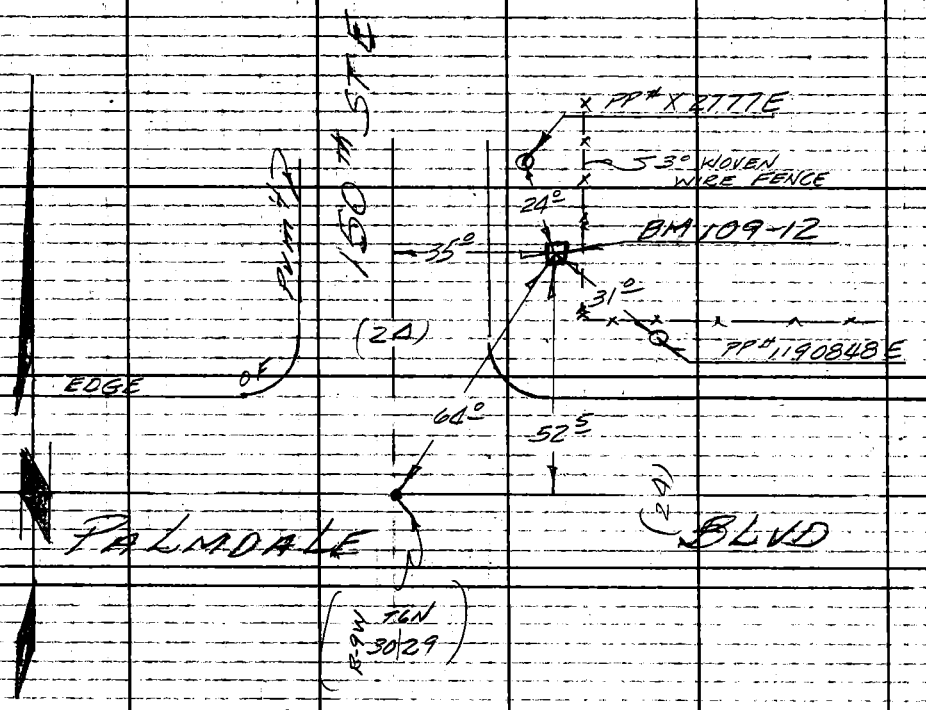
Set

BM 109-12

PALMDALE BLVD & 150TH ST. E, NE COR., SET A STD CO. ENGR. BM 2 1/2" BRASS CAP & IRON PIPE MON MK'D "BM 109-12 RE 5869 1961" IN A 12 CONC POST, 35° E OF ℄ 150TH ST E, 52° N. OF ℄ PALMDALE BLVD, 64° NE OF ℄ INT, 24° SE OF PP# X 2777 E & 31° NW OF PP# 1190848 E, 2° E OF A FENCE

NOTE: FD. 2" MARKER PIPE 1° E. OF B.M.

R.D.A. 10/3/64



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Office Work	Surveyed by ACGuizado
Checked	Notes ACG Date 3/20/61
Date	Indexed H. E. Ott

SET

BM 109-13

PALMDALE BLVD & 0.45 MI E OF 150TH ST. E. SO SIDE OF Rd & FENCE, SET A STD CO ENGR. BM 2 1/4" BRASS CAP & IRON PIPE MON MKD "BM 109-13 RE 5867 1961" IN A 12" CONC POST, 31° SO. OF ℄ OF Rd, 70.8 SW OF PP# 1190860E, 31° W OF TP 585888H, 98° E OF BM 109-13A. NOTE: FD. 2" MARKER PIPE 2' SO. OF B.M.

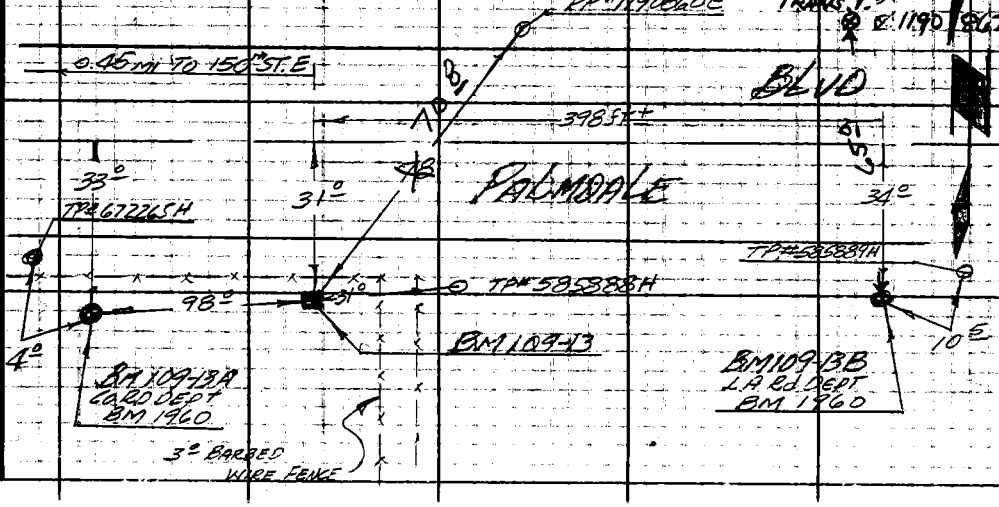
R.D.A. 10/3/66

BM 109-13A (LA CO RD DEPT 1960 BM)

PALMDALE BLVD & 0.45 MI E OF 150TH ST. E., SO SIDE OF Rd & FENCE, Fd A RD DEPT 2" BRASS DISK MON MKD "LA CO RD DEPT BM 1960" UNDER A CAST IRON COVER, 33° SO OF ℄ OF Road, 4° SE OF TP# 672265H & 98° W. OF BM 109-13

BM 109-13B (LA CO RD DEPT 1960 BM)

PALMDALE BLVD & 0.45 MI E OF 150TH ST. E SO SIDE, Fd A RD DEPT 2" BRASS DISK MON MKD "LA CO RD DEPT 1960 BM" UNDER A CAST IRON COVER, 34° SO. OF ℄ OF Rd, 10.5 SW OF TP# 585889H & 398 ft ± E ALONG ℄ FROM BM 109-13. NEW TIE: 65° S.E. TRANS. P.# 1190862 E. R.D.A. 10/3/66



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76F309S S&E #247 11-58

F.B. 2844 PG 20

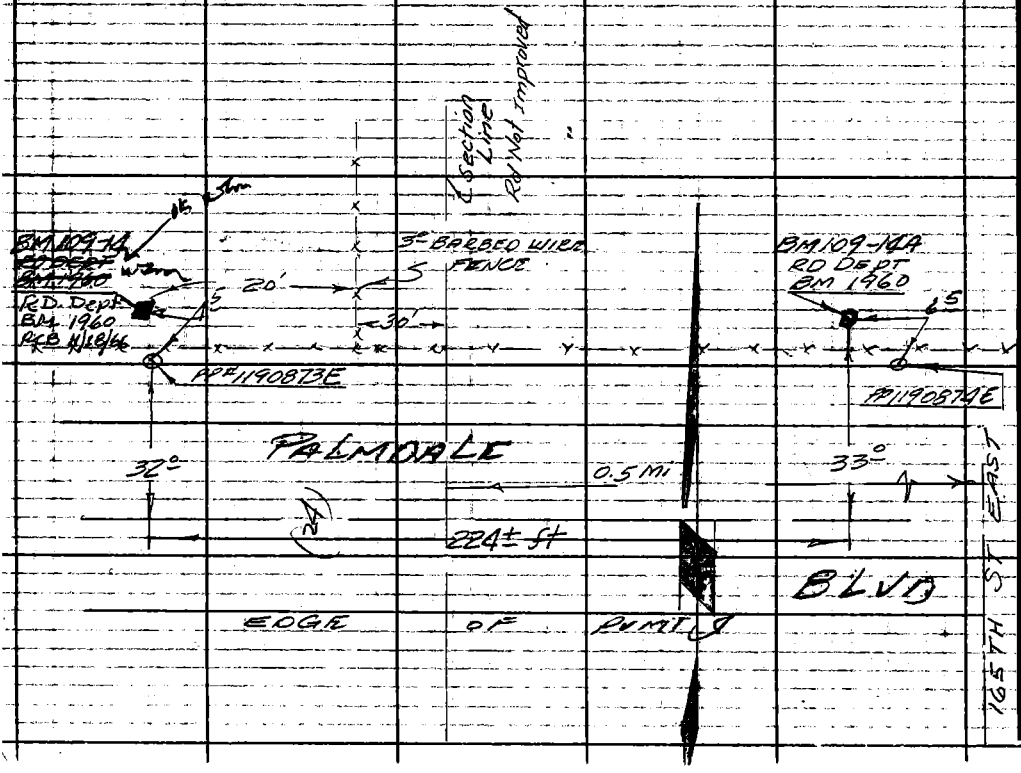
BM109-14

PALMDALE BLVD & 160TH ST E. ON NO. SIDE, ~~SET A STD CO ENGR BM~~ FD RD. DEPT BRASS CAP & IRON PIPE MON MKD "BM 109-14 RE5869 1961" IN A 12" CONC. POST, 33° NO. OF ℄ OF Rd, 6.5 NW OF PP#1190873E & 224 ft± E, ALONG ℄, FROM BM 109-14A.

Fd. a L.A. Co. Rd. Dept. B.M. at this location 11/18/66 RC Bowers Diff. of Elev. checked with 1961 Adj. Elev. O.K.

BM109-14A (LA CO RD DEPT 1960 BM)

PALMDALE BLVD & 160TH ST E, ON NO SIDE, Fd A Rd. DEPT MON MKD "LA CO Rd Dept BM 1960" UNDER A CAST IRON COVER, 33° NO. OF ℄ OF Rd, 6.5 NW OF PP1190874E & 224 ft± W, ALONG ℄ FROM BM 109-14



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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 3/20/61
Date	Indexed H. E. OTT

F. B. 2844 PG. 21

Set

BM 109-15

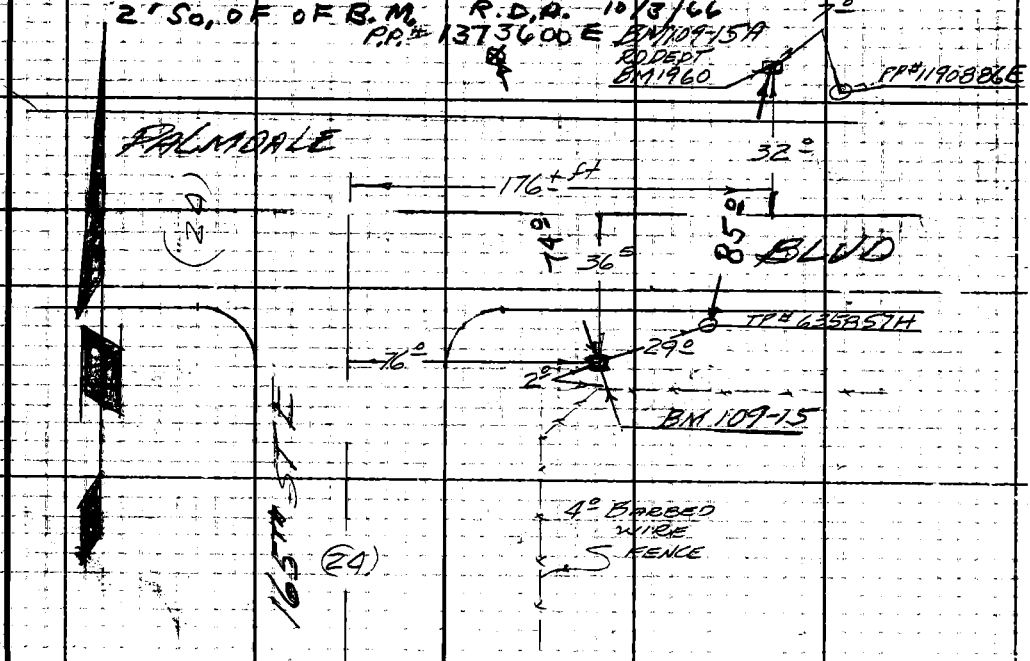
PALMDALE BLVD & 165TH ST E. SE COR SET A STD CO. ENGR BM 2 1/4" BRASS CAP & IRON PIPE MKD "BM 109-15 RES 869 1961" IN A 12" CONC POST, 36° SO. OF PALMDALE BLVD, 76° E OF 165TH ST E, 29° WSW OF TP# 635857H, & 2° N. OF A FENCE 74° S.E. OF P.P. # 1373600 E.

NOTE: FD. 2" MARKER PIPE 2' NORTH OF B.M.

R.D.A. 10/3/66

BM 109-15A (L.A. CO. RD DEPT. 1960 BM)

PALMDALE BLVD & 165TH ST E, NO SIDE, FD A RD DEPT 2" BRASS DISK BM MKD L.A. CO. RD DEPT BM 1960" UNDER A CAST IRON COVER, 32° NO OF PALMDALE BLVD ℄, 176± FT E, ALONG ℄ FROM 165TH ST E & 7° NW OF PP# 1190886 E 85° N.E. OF T.P. # 635857 H SET 2" MARKER PIPE 2' SO. OF OF B.M. R.D.A. 10/3/66



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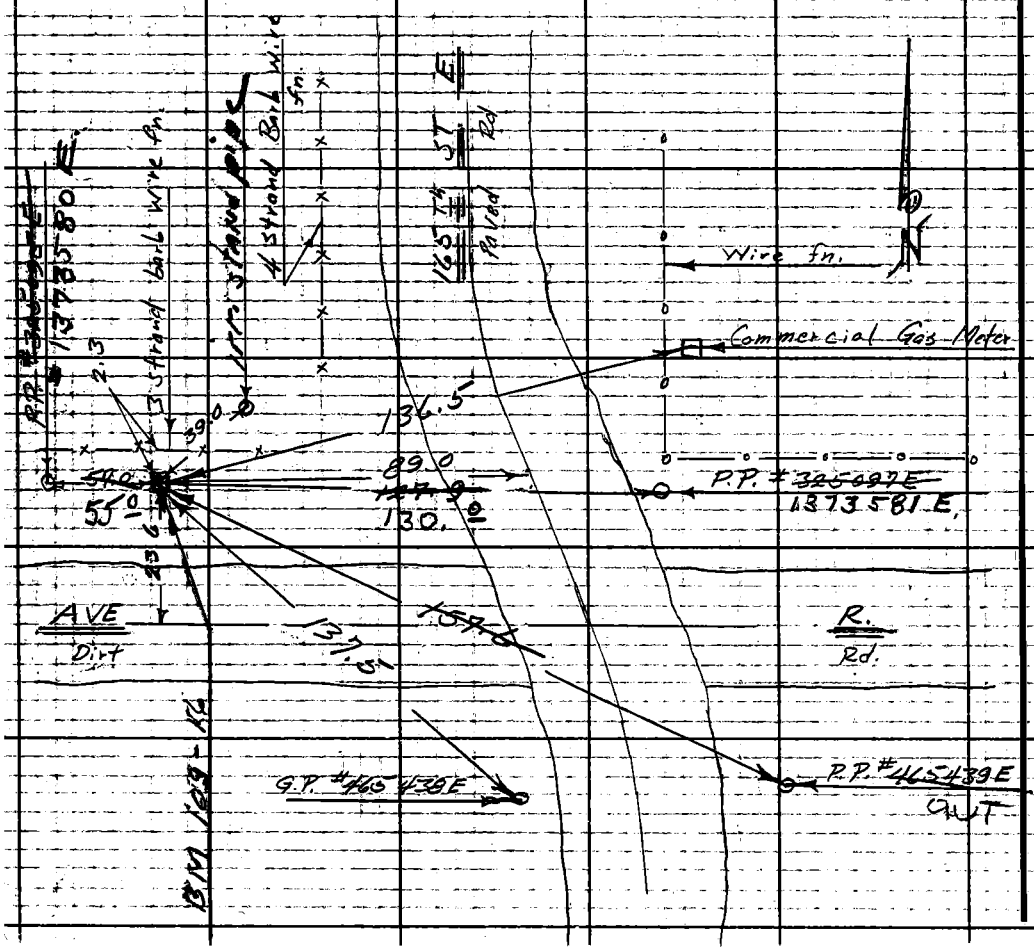
76F309S S&E #247 11-58

F. B. 2844 PG 22

B.M. 109-16

This mark is 15.5 miles E. of Palmdale, Calif. and ½ mile S. of Palmdale Blvd. on 165th St. E. at Ave. R. The mark is 89 ft. W. of the white line of 165th St. E.--23.5 ft. N. of the aprox. center of Ave. R --2.3 ft S. of a 3 strand barb wire fn.--39 ft. SW of 3' dia 7' high conc. irrigation stand pipe--136.5 ft. SW of a commercial gas meter--127.9 ft. W of PP # 325097E--157.6 ft. NW of PP # 465439E--137.5 ft. NW of GP # 465438E--57 ft. E of PP # 325095E. The mark is a L.A.Co.Engr.B.M. Brass Cap set in a 12"X12" conc. pad 6" above the ground. The mark is stamped B.M. 109-16 R.E.5869 1961



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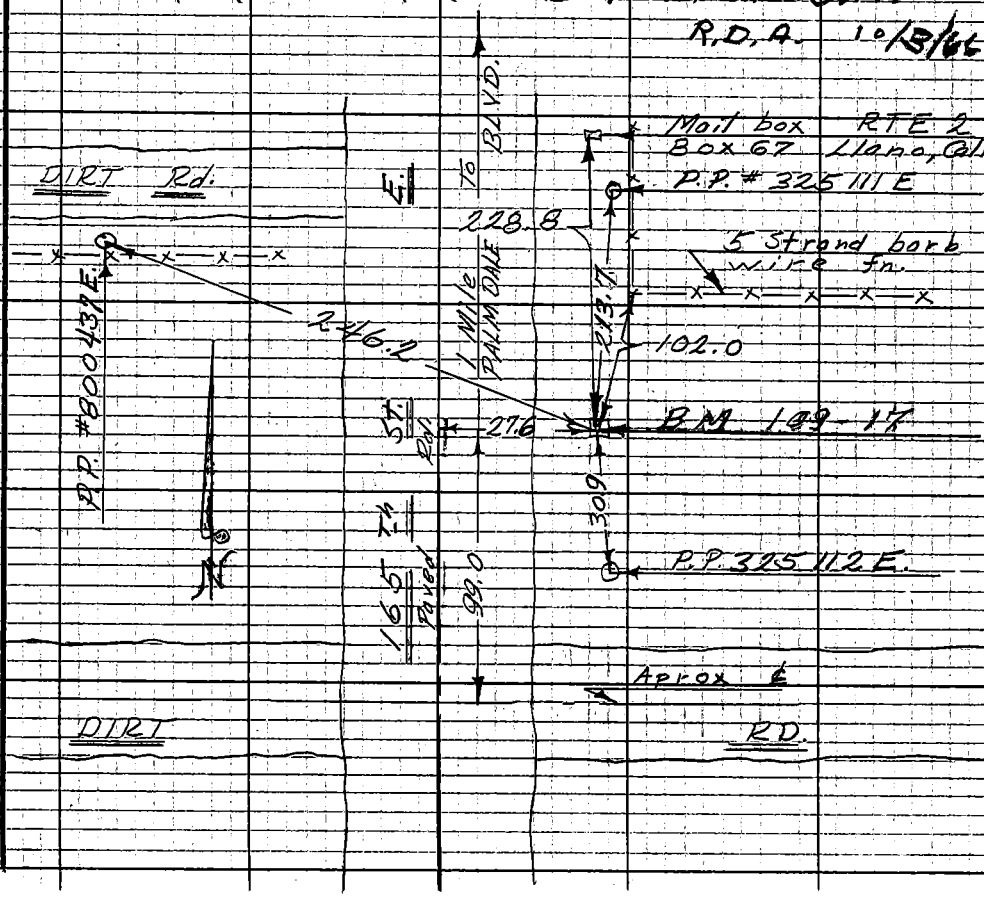
Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2844 Pg. 23
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date Mar 1961	
Date	Indexed H. E. Ott	

B.M. 109-17

This mark is 15.5 miles E. of Palmdale and 1 mile S. of Palmdale Blvd. on 165th St. E. The mark is 99 ft. N. of a Dirt Rd.- 27.6 ft. E. of painted white line of 165th St. E.- 246.2 ft. S.E. of PP# 800437E- 228.8 ft. S. of mail box RTE 2 Box 67 LLANO, CALIF.-213.7 ft. S. of PP # 325111E- 102 ft. S. of a 5 strand barb wire fn.- 309 ft N. of PP # 325112E. The mark is a L.A.Co.Engr.B.M.Brass Cap set in a 12" by 12" conc. pad 6" above the ground. The mark is stamped B.M. 109-17 R.E.5869 1961

NOTE: Fd. 2" MARKER PIPE 1' E. OF B.M.

R.D.A. 10/13/66



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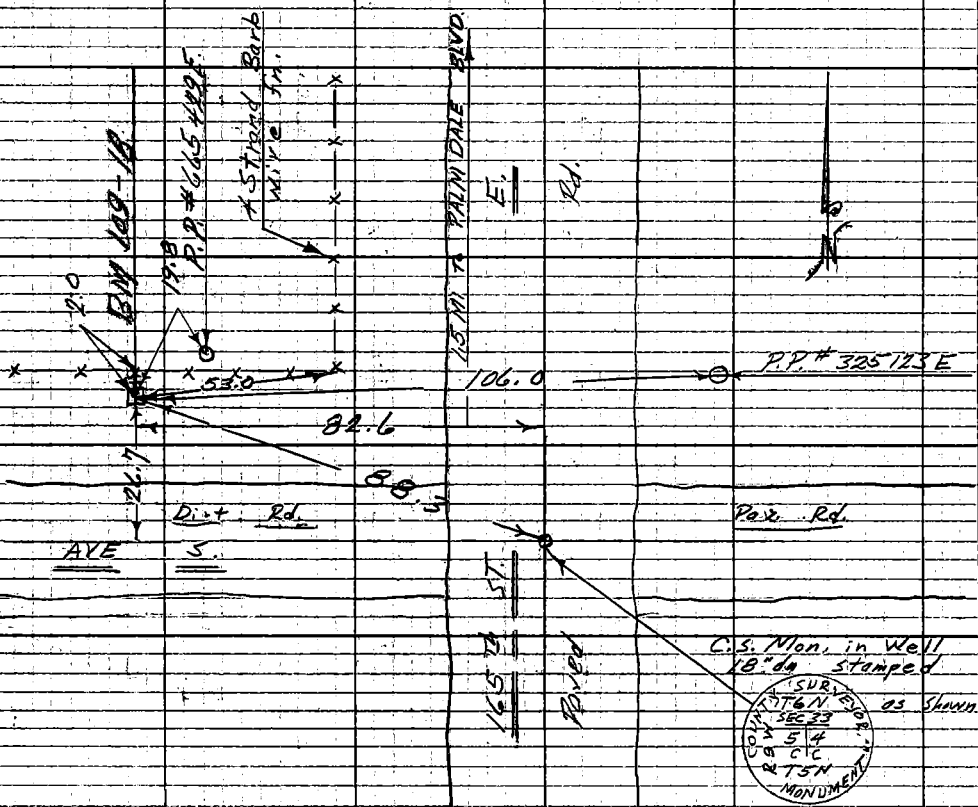
76F309S CE #247 3-57

F.B. 2844 PG. 24

B.M. 109-18

This mark is 15.5 miles E. of Palmdale, Calif. and 1.5 miles S. of Palmdale Blvd. on 165th St. E. at Ave. S. The mark is 26.7 ft. N. of Ave. S. - 82.6 ft. W. of painted white line of 165th St. E. 19.8 ft. S.W. of PP #665429 E - 53 ft S.W. of the S.E. cor. of a 4 strand barb wire fn. - 106 ft W. of PP #325123E - 88.3 ft N.W. of C.S. Mon. in a well. Mon. is a C.C. between Sec 33 T6N & Sec 4 & 5 T5N R9W. The mark is a L.A.Co.Engr. B.M. Brass Cap set in a 12"X12" conc pad 6" above the ground The mark is stamped B.M. 109-18 R.E. 5869 1961

(LEANS SLIGHTLY S.W. 1-6-72 G.E.O.)



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Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date Mar 61
Date	Indexed E. E. on

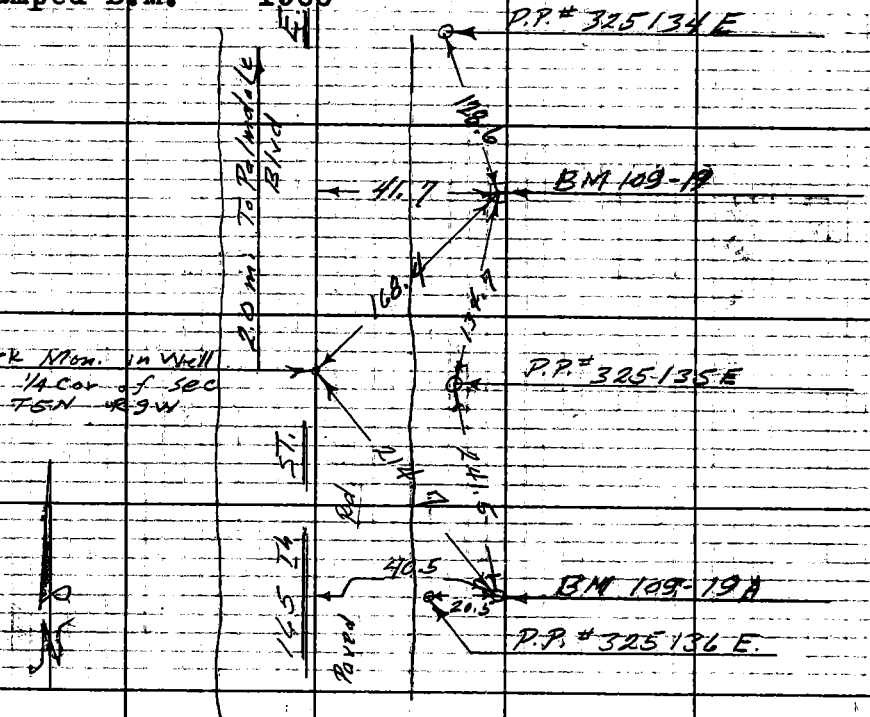
F. B. 2847 PG. 25

B.M. 109-19

This mark is 15.5 miles E. of Palmdale, Calif. and 2 miles S. of Palmdale Blvd. on 165th St. E. The mark is 41.7 ft E of white line of 165th St. E--128.6 ft SE of PP # 325134E--134.7 ft NE of PP # 325135E--168.4 ft NE of a ¼ cor. mon. (The ¼ cor. mon. is a ct spk in conc. 18" dn. in a well. It is the ¼ cor of sec 4&5 T5N R9W). The Mark is a L.A.Co. Engr BM Brass Disc set in a 12"X12" conc pad 6" high. The mark is stamped B.M.109-19 R.E.5869 1961

B.M. 109-19A

This mark is a L.A.Co.Rd.Dept.precast 2" mon. set in a well 8" dn. The mark is 40.5 ft. E of white line of 165th St. E--20.5 ft E of PP # 325136E--241.5 ft SE of PP # 325135E--214.7 ft SE of ¼ cor. mon. The mark is stamped B.M. 1960



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76F309S S&E #242 11-58

F. B. 2844 PG. 26

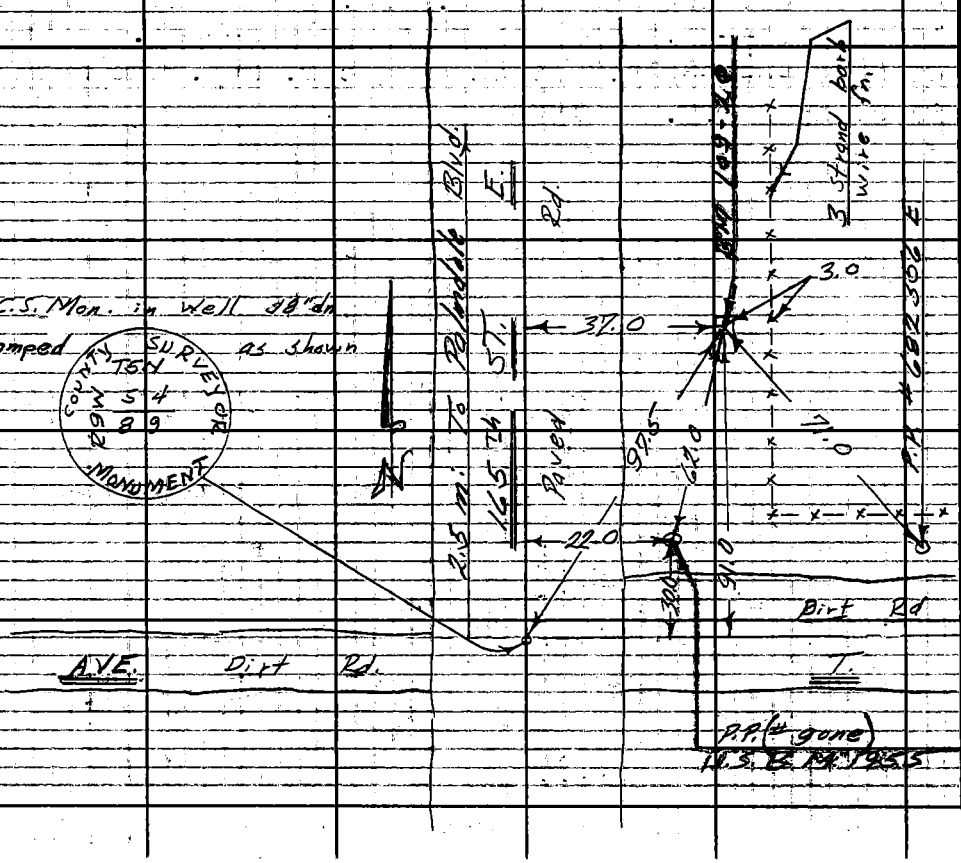
B.M. 109-20

This mark is 15,5 miles E. of Palmdale, Calif. and 2.5 miles S. of Palmdale Blvd. on 165th St.E at Ave T. The mark is 91 ft N of Ave.T--37 ft E of the white line of 165th St.E--3 ft W. of a 3 strand barb wire fn--71 ft NW of PP # 682356E--62 ft NE of PP # gone--97.5 ft NE of CS mon. in a well.(The CS mon is the sec cor of sec 4-5-8-9 T5N R9W). The mark is a L.A.Co.Engr.B.M.Brass Cap set in a 12"X12" conc. pad 6" above the ground. The mark is stamped B.M. 109-20 R.E.5869 1961

BM 109-20A

U.S.B.M. 1955

This mark is 22 ft E of the white line of 165th ST. E--30 ft N of Ave.T--62 ft SW of B.M. 109-20. The mark is a RR spk in the E side of a PP (# gone.)



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Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date Mar 61
Date	Indexed H. E. OH

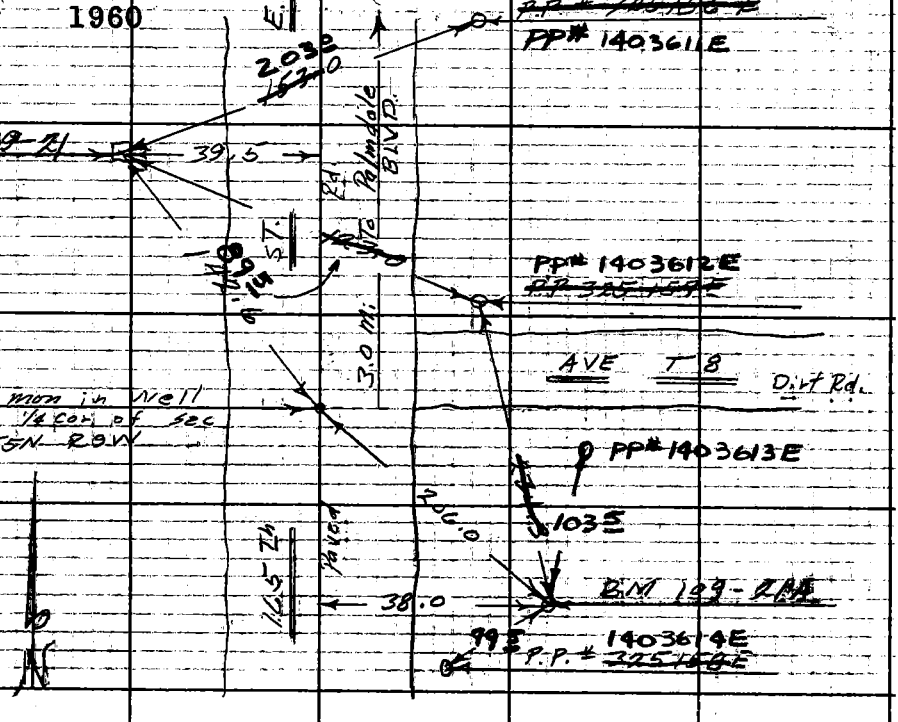
F. B. 2844 PG. 27

B.M. 109-21

This mark is 15.5 miles E. of Palmdale, Calif. and 3 miles S. of Palmdale Blvd. on 165th St.E at Ave. T8. The mark is 39.5 ft W of the white line of 165th St.E ~~158~~ 2032 ft SW of PP # ~~325156E~~ 1403611E -- ~~1237~~ 893 ft NW of PP # ~~325157E~~ 1403612E -- 142.6 ft NW of a ¼ cor.mon.(The ¼ cor. mon. is a ct.spk in conc., 18" dn in a well. It is the ¼ cor of sec 8&9 T5N R9W).The mark is a L.A.Co.Engr. 2¼" B.M.Brass ~~Disc~~ cap set in a 12"X12" conc pad 6" above the ground. The mark is stamped B.M. 109-21
R.E. 5869 1961

B.M. 109-21A

This mark is a L.A.Co.Rd.Dept.2"precast mon. set in a well 8" dn. It is 38 ft E of the white line of 165th St.E -- ~~17.5~~ 99 ft NE of PP # ~~325158E~~ 1403614E -- ~~234.0~~ 103 ft SE of PP # ~~325157E~~ 1403613E -- 206 ft SE of ¼ cor mon. The mark is stamped B.M. 1960



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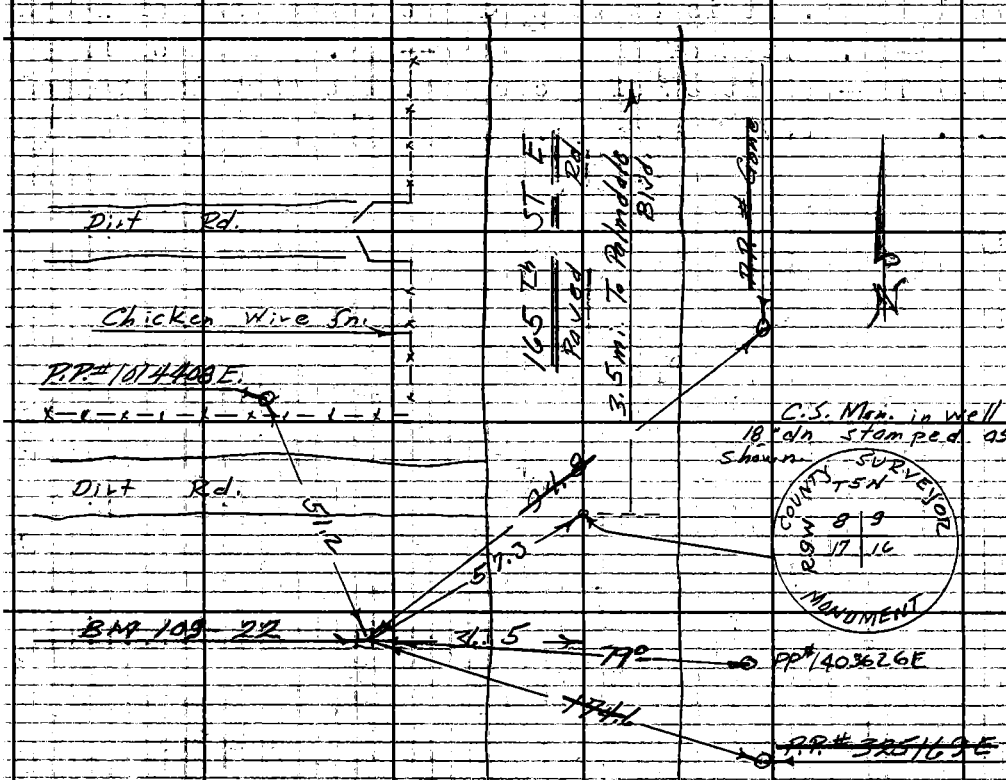
76F309S S&E #247 11-58

F.B. 2844 PG. 28

B.M. 109-22

This mark is 15.5 miles E. of Palmdale, Calif. and 3.5 miles S. of Palmdale Blvd. on 165th St.E. The mark is 36.5 ft W of white line of 165th St.E--. ~~174.6 ft NW of PP # 325169E--94.8 ft SW of PP # gone~~ 51.2 ft SE of PP # 1014408E--57.3 ft SW of a CS mon. in a well.(The CS mon. is the sec. cor of sec 8-9-17-16 T5N R9W). The mark is a L.A.Co.Engr. 24" B.M. Brass Capcset in a 12"X12" conc pad 6" above the ground. The mark is stamped B.M. 109-22 R.E. 5869 1961

New Tie: W. of P.P.# 1403626E, 79° ft.



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Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2844 PG. 29
Map No.	JN 0301.02 Temp Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes E. E. Brooks Date Mar. 61	
Date	Indexed E. E. Ott	

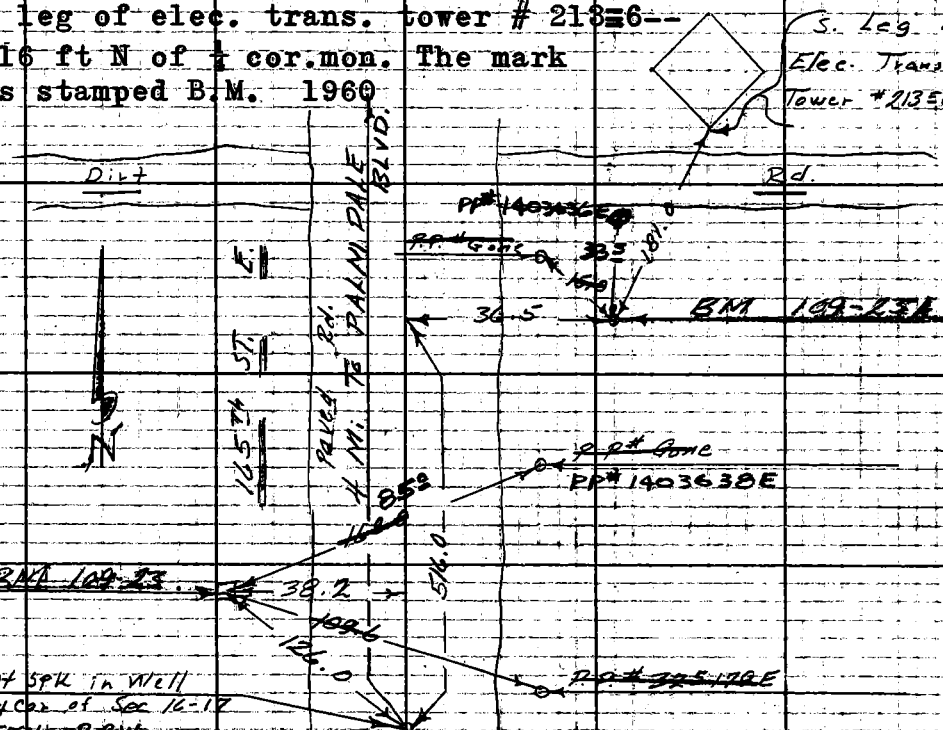
B.M.

B.M. 109-23

This mark is 15.5 miles E. of Palmdale, Calif. and 4 miles S. of Palmdale Blvd. on 165th St.E. The mark is 38.2 ft W of the white line of 165th St.E-- ~~168~~ 85 ft SW of PP ~~# gone 100.6 ft NW of PP #325170E~~ 1403638E --126 ft NW of a ¼ cor.mon.(The ¼ cor.mon. is a ct spk in conc. 18" dn in a well. It is the ¼ cor. of sec 16-17 T5N R9W).The mark is a L.A.Co. Engr.B.M. Brass Cap set in a 12"X12" conc.pad 6" above the ground. The mark is stamped B.M. 109-23 R.E. 5869 1961

B.M. 109-23A

This mark is a L.A.Co.Rd.Dept.2" precast mon. set in a well 8" dn. It is 36.5 ft E of the white line of 165th St.E-- ~~15 ft SE of PP # gone~~ --181 ft SW of the S leg of elec. trans. tower # 213E6-- 516 ft N of ¼ cor.mon. The mark is stamped B.M. 1960



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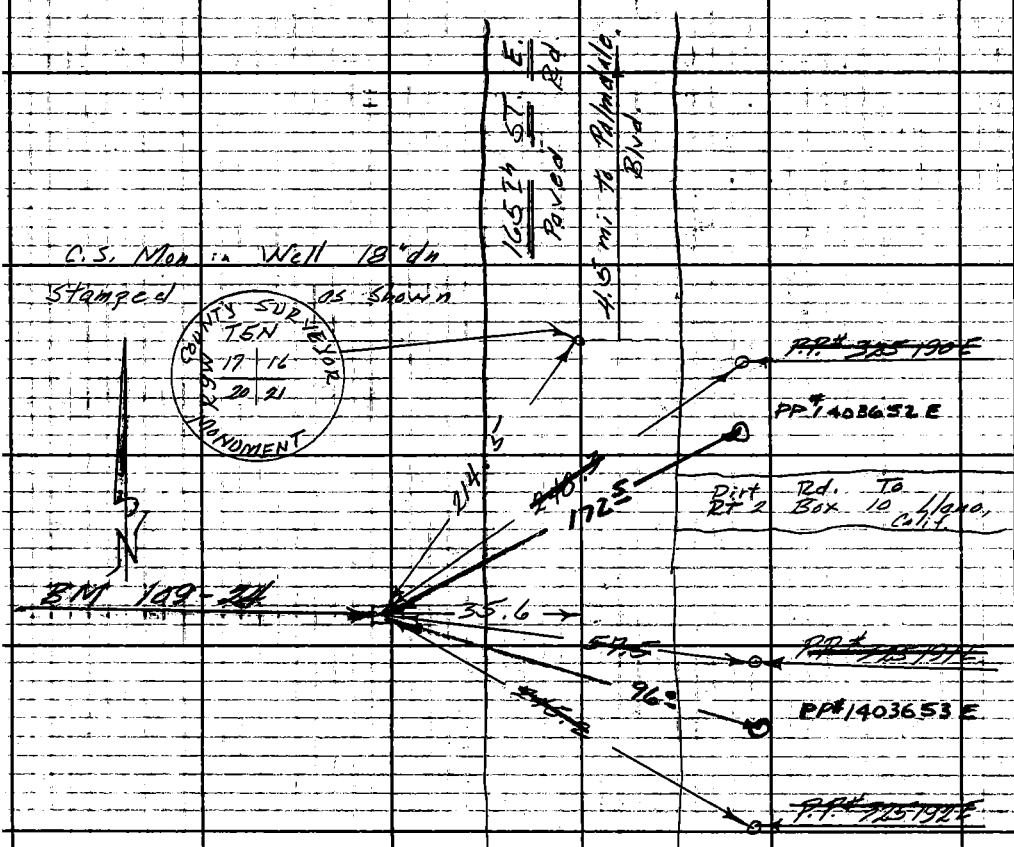
76F309S S&E #247 11-58

F.B. 2814 PG. 30

B.M. 109-24

This mark is 15.5 miles E. of Palmdale, Calif. and 4.5 miles S. of Palmdale Blvd. on 165th St.E.--The mark is 35.6 ft W of the white line of 165th St.E.-- ~~245.2 ft NW of PP # 325192E--57.5 ft. W of PP # 325191E--248.3 ft SW of PP # 325190E--~~214.5 ft SW of a CS mon. in a well.(CS mon. is the sec. cor. of sec. 16-17-20-21 T5N R9W). The mark is a L.A.Co. Engr. Brass Cap set in a 12"X12" conc. pad 6" above the ground. The mark is stamped B.M. 109-24 R.E. 5869. 1961

New Ties: 172± SW of PP#1403652E
96± N.W. of PP#1403653E



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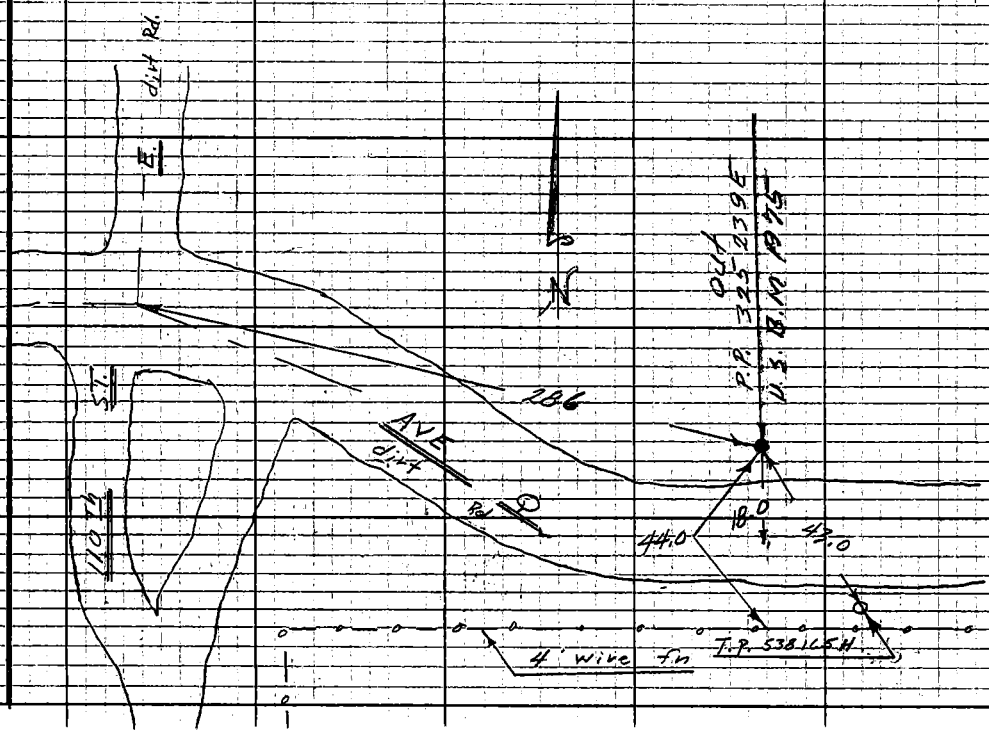
Map No.	JN 0301-02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date Mar 1961	
Date	Indexed H. E. Ott	

BM 109-4C
U.S.B.M. 1975

This mark is 10 miles E. of Palmdale, Calif. and ½ mile N. of Palmdale Blvd. on 110th St.E. at at Ave. Q. The mark is 286 ft SE of the aprox. intersection of 110th St. E. and Ave. Q--18 ft. N. of the aprox. center of Ave. Q--44 ft N. of a 4 ft. wire fn.--43 ft. NW of TP # 538165H. The mark is a RR spk driven into the N.side of PP #325239E.

THE POWER POLE IS GONE B.M. DESTROYED.

9-22-75 E.E. LINA



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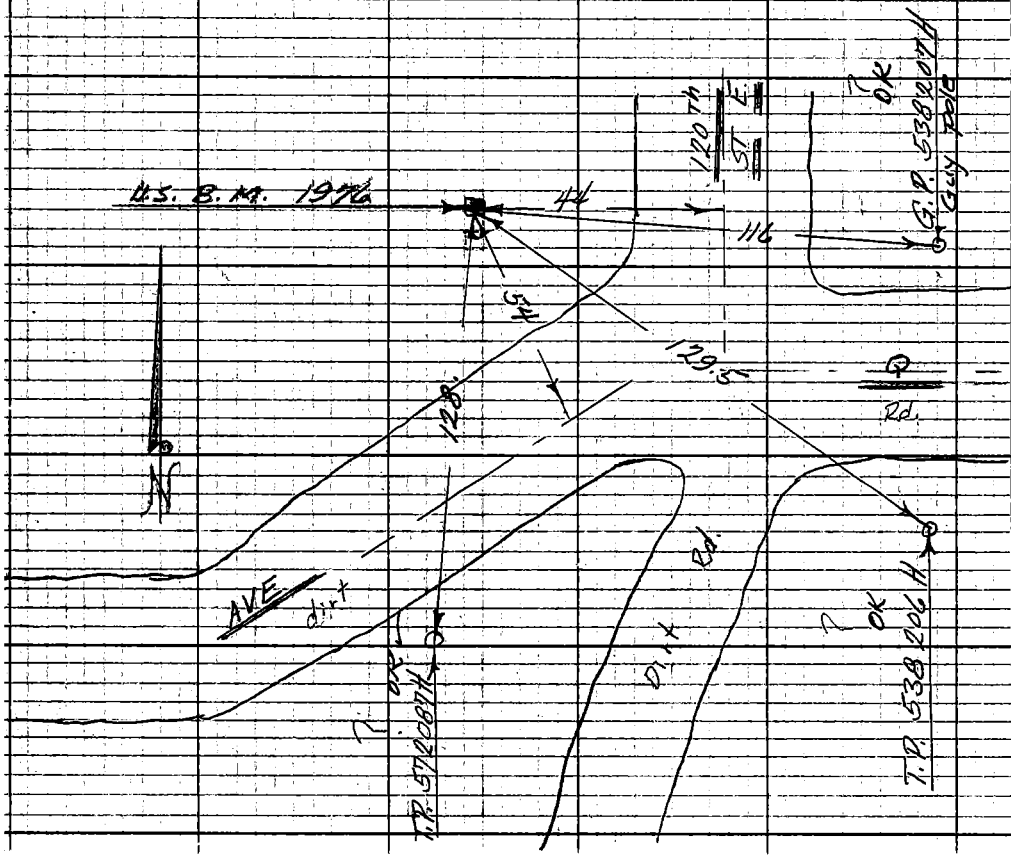
76F309S CE #247—3-57

F.B. 2844 PG. 32

U.S.B.M. 1976 B.M. 109-6B

This mark is 11 miles E. of Palmdale, Calif. and ½ mile N. of Palmdale Blvd. on 120th St.E. at Ave. Q. The mark is 44 ft. W. of the aprox. center of 120th St.E.--54 ft. NW of the aprox. center of Ave. Q--128 ft. NE of TP # 572087H--129.5 ft. NW of TP # 538207H--116 ft. W of GP # 538207H. The mark is a U.S.G.S.Brass Disc set in a 6"X6" conc. post 8" above the ground. The Mark is stamped L.S. 31 1929



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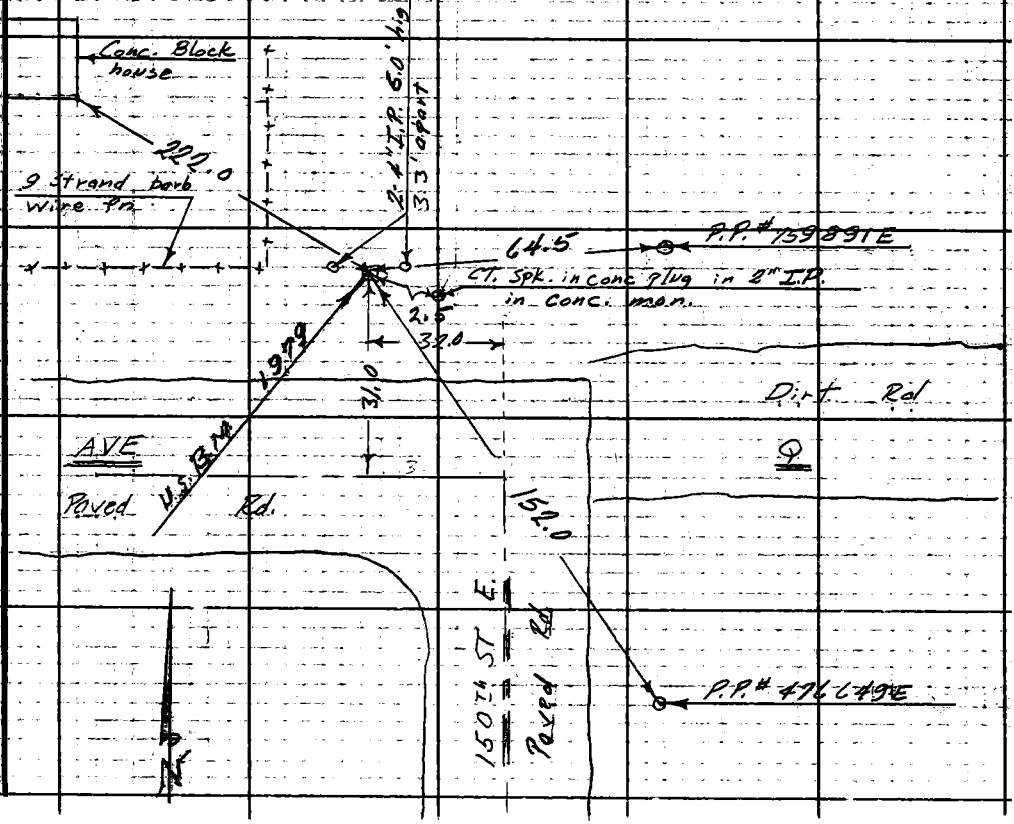
Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2844 PG. 33
Map No.	JN 030102 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date Mar 1961	
Date	Indexed H. E. Ott	

U.S.B.M. 1979 is Co.B.M. 115-1

This mark is 14 miles E. of Palmdale, Calif. and ½ mile N. of Palmdale Blvd. on 150th St. E. at Ave. Q. The mark is between 2 4"IPs that are 6' high and 3.3 ft. apart, and it is 31 ft. N of the aprox. center of Ave. Q--32ft W of the aprox. center of 150th St. E--152 ft. NW of PP # 476649E-64.5 ft. W of PP # 759891E--2.5 ft. NW of Ct spk in conc. plug in 2" IP in conc. mon.--222 ft. SE of SE cor. of a conc. block house. The mark is a U.S.G.S. Brass Disc set in a 6"X6" conc. post 8" above the ground. The mark is stamped L.S. 32 1929



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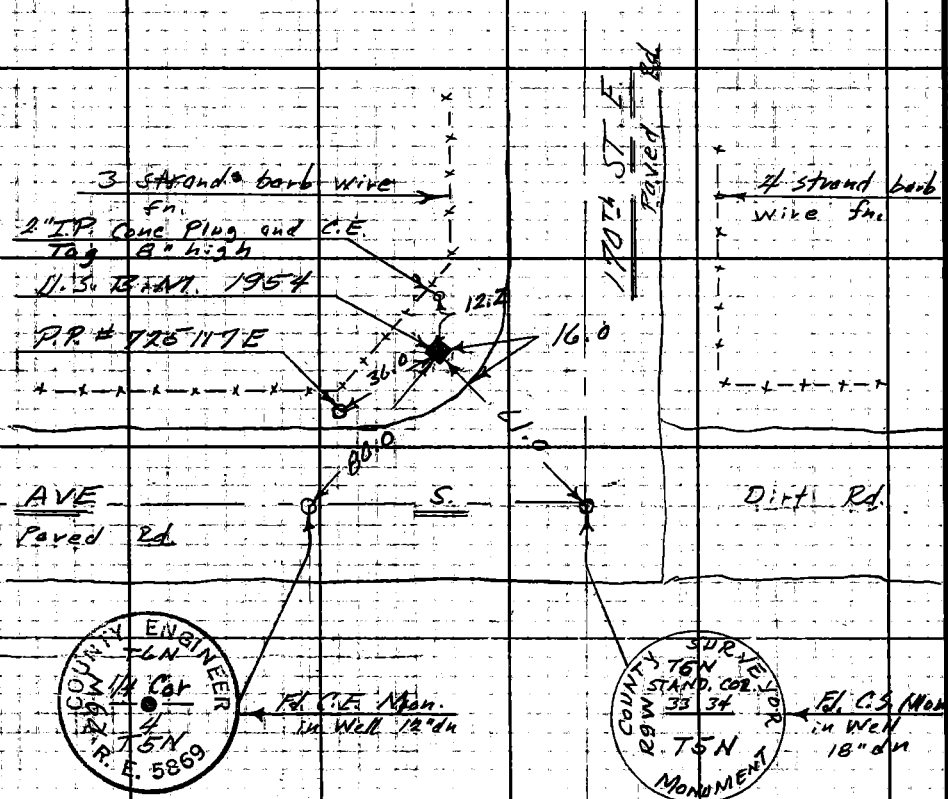
76F309S S&E #247 11-58

F. B. 2044 Pg. 34

U.S.B.M. 1954 B.M. 109-18B
This mark is 16 miles E. of Palmdale, Calif. a and 1.5 miles S. of Palmdale Blvd. on 170th St. E. at Ave. S. The mark is 12.2 ft. SE of a 2" IP conc. plug Co. Engr. tag-- 36 ft. NE of PP # 725117E--16 ft. NW of edge of pavement--61 ft NW of C.S.Mon. in a well (stand. cor. sec. 33-34 T6N R9W)--80 ft. NE of C.E.Mon. in a well ($\frac{1}{4}$ cor. sec. 4 T5N R9W). The mark is a U.S.G.S. Brass Disc set in a 6"X6" conc. post 8" above the ground. The mark is stamped L.S. 20 1929

~~OK~~ 9-22-76 CKL (MONUMENT IS LEANING NORTH EASTERLY.)



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Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET	F. B. 2844 Pg. 39
Map No.	JN 030102 Tape Std °F	
Office Work	Surveyed by G. E. DREIER	
Checked	Notes Date JAN. 1972	
Date	Indexed C. J. GALLI JAN 26 72	

JOB NO. 030102

L.A. CO. PRECISE LEVEL NET

LINE NO. 109, JAN. 1972 RELEVELING

DESCRIPTION REFERENCES:-
F.B. 2844-5 TO 34
F.B. 3715-187 TO 280

DREIER
MALDONADO
SIEMANN
MCKNIGHT
OHASHI

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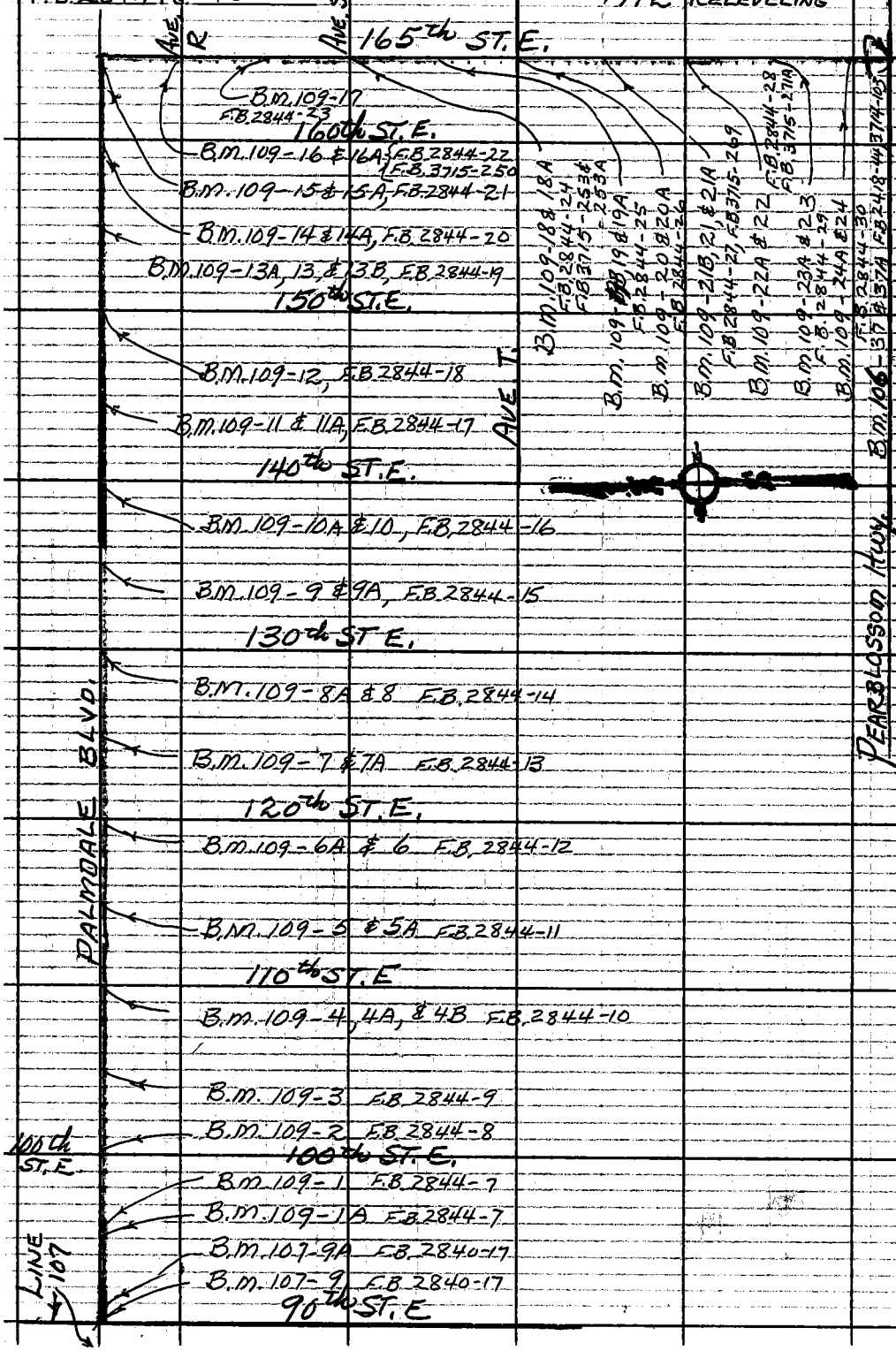
76F3095 CE # 310 3-61

ROUTE SKETCH, LINE 109

F.B. 2844 Pg. 40

1972 RELEVELING



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76P526B CE # 308 8/68

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	137	649	438 5	139 135 4	138	962	439 5	165 111 54	54M- 4 M= 50 M-0.20 mm
2	131	100	432 5	133 129 4	129	763	430 5	156 102 54	54M- 4 M= 50 M=0.20 mm
	268	749		8	268	735		108	
	268	685				0.40 mm			
	+	0.64 mm			-0.	mm		-8	Curvature Corr.=0.40 mm
					268	685		100	
					-				R. ANDERSON
	+	0.001		mm= "C"					
	100 /	0.64							
								mm= "C"	

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 33° LT. BR.
SURVEY BY G.E. DREIER WEATHER CLEAR
NOTES BY G.E. DREIER DATE 12-30-71 TIME 10:55 INST. NO 96716
INDEXED C. J. GALLI DATE 26 NOTES CHKD ROD NO 95896 DATE

F.B. 2844 PG. 41

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 T-520
SURVEY BY G.E. DREIER WEATHER WINDY INST. NO. 96716
NOTES BY SIEMANN DATE 1-3-72 TIME 10:00 TO 10:10 ROD NO. 95396
INDEXED C. J. GALLI DATE JAN 26 72 NOTES CHKD. DATE
F.B. 2844 PG. 43

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	142	936	443 5	144 140 4	115 ~~88~~	862 ~~115~~	416 5	142 88 54	54 M- 4 M= 50 M=0.20mm
2	151	981	452 5	153 147 4	179	142	480 5	207 151 54	54 M- 4 M= 50 M=0.20mm
	294	917			295	004		108	
						040			
	+			8	-0.	mm		8	Curvature Corr.=0.40mm
					294	964		100	
					294	917			
					-	047			
				mm= "C"					
						-	005	mm= "C"	
					100	047			

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 37°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 1-4-72
INDEXED G. J. GALLI DATE JAN 26 72
WEATHER LT. WIND CLEAR TIME 11:05
NOTES CHKD DATE
INST. NO. 26716 ROD NO. 25896
F.B. 2844 PG. 45

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	151	572	4525	153 / 149 4	171	845	4725	198 / 144 54	54M- 4M= 50M-0.20 mm
2	149	296	4505	151 / 147 4	129	262	4305	156 / 102 54	54M- 4M= 50M=0.20 mm
	300	868		8	301	107		108	
	-					0.40 mm			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					301	067		100	
					300	868			
					-	1.99 mm			J. MALDONADO
				mm= "C"					
	1								
									(INSTRUMENT NOT ADJ.)
						-0.020	mm= "C"		
					100/	1.99			

76P526B CE # 308 8/68

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 37°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 1-4-72 WEATHER LT. WIND CLEAR
INDEXED C. J. GALLY DATE JAN 26 '72 TIME 11:15 INST. NO. 96716
NOTES CHKD DATE ROD NO. 95896
F.B. 2844 PG. 47

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	149	267	450 5	151 147 4	129	217	430 5	156 102 54	54 M- 4 M= 50 M-0.20 mm
2	148	499	449 5	150 146 4	168	800	469 5	195 141 54	54 M- 4 M= 50 M=0.20 mm
	297	766		8	298	017		108	
						0.40 mm			
	+				-0.	mm		-8	Curvature Corr.=0.40 mm
					297	977		100	
					297	766			
					-	2.11 mm.			
				mm= "C"					
									(INST. NOT READ.)
						-0.021		mm= "C"	
					100	2.11 mm.			

76P526B CE # 308 8/68

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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 ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	160	752	461 5	162 / 158 4	185	889	486 5	212 / 158 54	54M- 4 M= 50M-0.20 mm
2	155	960	456 5	157 / 153 4	131	000	432 5	158 / 104 54	54M- 4 M= 50 M=0.20 mm
	316	712		8	316	889		108	
						0.40 mm			
	+				-0.	mm		-8	Curvature Corr.=0.40 mm
					316	849		100	
					316	712			
					-	137			R. SIEMANN
				mm= "C"					
					-0.014			mm= "C"	
					100/137				

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 1-5-72
INDEXED C. J. GALLI DATE JAN 26 72
WEATHER CLEAR
TIME 10:10
NOTES CHKD
INST. NO 96716
ROD NO. 95896
DATE
40°
F.B. 2844 PG. 49

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=60°
SURVEY BY G. E. DREIER
NOTES BY T. CHASKI DATE 1-6-73 WEATHER CLEAR INST. NO. 967V6
INDEXED C. J. GALLI DATE JAN 26 72 TIME 11:45 - 11:50 ROD NO. 1713A
NOTES CHKD DATE
F.B. 2844 PG 51

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	157	100	458 5	159 155 4	115	246	416 5	142 88 54	54 M- 4 M= 50 M-0.20 mm
2	164	570	465 5	166 162 4	206	559	507 5	233 179 54	54 M- 4 M= 50 M=0.20 mm
	321	670		8	321	805		108	
					0	0.40 mm		-8	
	+				~~-0.765 mm~~			~~100~~	Curvature Corr.=0.40 mm
					321	765		100	
					321	670			
					-	0.95 mm			
				mm= "C"					
					-0.010			mm= "C"	
					100 / 0.950				

76P526B CE # 308 8/68

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=52°
SURVEY BY G.E. DREIER WEATHER CLOUDY INST. NO. 96716
NOTES BY SIEMANN DATE 1-7-72 TIME 10:20 TO 10:25 ROD NO. 1713AB
INDEXED C. J. GALLI DATE JAN 26 '72 NOTES CHKD DATE
F.B. 2844 PG. 53

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	154	697	455 5	156 152 4	208	551	509 5	235 181 54	54 M- 4 M= 50 M-0.20mm
2	144	542	445 5	146 142 4	90	822	391 5	117 63 54	54 M- 4 M= 50 M=0.20mm
	299	239			299	373		108	
				8		040			
	+				-0.	mm		8	Curvature Corr.=0.40mm
						333		100	
						239			
					-	094 mm			
				mm= "C"					
	/								
					-	.009 mm= "C"			
					100/	0.94 mm			

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T= 60°

F.B. 2844 PG. 55

SURVEY BY G. E. DREIER — WEATHER Sunny & Calm — INST. NO. 96716

NOTES BY T. OHASHI — DATE 1-10-72 — TIME 10:20 — 10:30 — ROD NO. 1713A&B

INDEXED C. J. GALLI — DATE JAN 26 72 — NOTES CHKD — DATE

76P526B CE # 308 8/68

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

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 ___
			DETERMINATION OF "C"										
		NEAR ROD						FAR ROD					
1	140	203	441	5	142 / 138	4	6	007	307	5	[illegible]	54	54 M- 4 M= 50 M-0.20 mm
2	158	873	459	5	160 / 156	4	293	228	594	5	[illegible]	54	54 M- 4 M= 50 M=0.20 mm
	299	076				8	299	235				108	
							~~299~~	~~076~~					
	+						-0.~~20~~	mm				8	Curvature Corr.=0.40 mm
								0.40 mm				100	
							299	195					
							299	076					
								1.19 mm					

/ ________ mm= "C"

$\frac{1.19}{1601}$ = 0.0007 mm= "C"

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=48°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 1-11-72
INDEXED C. J. GALLI DATE JAN 26 '72
WEATHER SUNNY, CLEAR INST. NO. 96716
TIME 10:05 TO 10:15 ROD NO. 1713 AND
NOTES CHKD. DATE
F.B. 2844 PG. 57

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	155	740	456 5	157 153 4	219	291	520 5	246 192 54	54 M- 4 M= 50 M-0.20 mm
2	140	578	441 5	142 138 4	77	123	378 5	104 50 54	54 M- 4 M= 50 M=0.20 mm
	296	318			296	414		108	
				8		0.40 mm			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					296	374		100	
					296	318			
					-	0.56 mm			

mm= "C"

100/ -0.006 mm= "C"
0.56 mm

76P526B CE # 308 8/68

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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 55°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 1-12-71 WEATHER SCAT. CLOUDS INST. NO 96716
INDEXED C. J. GALLY DATE JAN 26 '72 TIME 10:00 ROD NO 1713A
NOTES CHKD DATE
F.B. 2844 PG. 59

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	147	102	448 5	149 / 145 4	123	871	424 5	150 / 96 54	54M- 4 M= 50 M-0.20 mm
2	153	520	454 5	155 / 151 4	176	852	477 5	203 / 149	54M- 4 M= 50M=0.20 mm
	300	622		8	300	723		108	
						0.40 mm			
	+				-0.	mm		-8	Curvature Corr.=0.40 mm
					300	683		100	
					300	622			
					-	0.61 mm			
	/			mm= "C"					
					100/	-0.006 / 0.61		mm= "C"	

76P526B CE # 308 8/68

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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 T-560
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 1-13-72 WEATHER SUNNY, CLEAR INST. NO 96716
INDEXED C.J. GALLI DATE JAN 26 '72 TIME 9:55 TO 10:05 ROD NO 71348
NOTES CHKD DATE
F.B. 2844 PG. 61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
											FROM ____ TO ____
			DETERMINATION OF "C"								
		NEAR ROD					FAR ROD				
1	150	069	451	5	132 148	4	174	732	475	5	201 142 54 54 M- 4 M= 50 M-0.20 mm
2	147	902	448	5	149 145	4	123	327	424	5	150 96 54 54 M- 4 M= 50 M=0.20 mm
	297	971					298	059			108
						8		040 mm			
	+						-0.	mm			8 Curvature Corr.=0.40 mm
							298	019			100
							297	971			
							-	048 mm			
					mm= "C"						
	/										
								- 0.0005 mm= "C"			
							100/	0.48			

76P526B CE # 308 8/68

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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 1-14-72 WEATHER Sunny & Calm INST. NO. 96716
INDEXED C. J. GALLI DATE JAN 26 '72 TIME 9:50 ROD NO. 1713A & B
NOTES CHKD DATE
F.B. 2844 PG. 63
T= 50°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
				159				177	
1	157	650	458 5	155 4	150	500	451 5	123 54	54 M- 4 M= 50 M-0.20 mm
				163				195	
2	161	000	462 5	159 4	168	211	469 5	141 54	54 M- 4 M=50 M=0.20 mm
	318	650		8	318	711		108	
						0.40 mm		8	
	+				~~-0. mm~~				Curvature Corr.=0.40 mm
					318	671		100	
					318	650			
					-	0.21 mm			
				mm= "C"					
						-0.002		mm= "C"	
					100	0.210			

76P526B CE # 308 8/68

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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 1-19-72
INDEXED C. J. GALLI DATE JAN 26 72
WEATHER Sunny & Calm
TIME 9:45
NOTES CHKD
DATE
INST. NO. 9671C
ROD NO. 79 BAL
F.B. 2844 PG. 65
T-60°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
				160				172	
1	158	059	459 5	156 4	145	550	446 5	118 54	54 M- 4 M=50 M-0.20 mm
				167				200	
2	160	721	461 5	158 4	173	351	474 5	146 54	54 M- 4 M=50 M=0.20 mm
	318	780		8	318	901		108	
						040 mm		~~100~~	
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					318	861		100	
					318	780			
					-	0.81 mm			
				mm= "C"					
						-0.008	mm= "C"		
					100	0.810			

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 32°
SURVEY BY G.E. DREIER DATE 12-30-71 WEATHER CLEAR INST. NO 96716
NOTES BY G.E. DREIER TIME 11:10 TO 11:20 ROD NO 95896
INDEXED G.J. GALLI DATE JAN 26 72 NOTES CHKD BLANCHARD DATE JAN 31 72
F.B. 2844 PG. 67

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M 107-9 TO B.M 107-9A
B.M. 107-9					141						149		B.M. 107-9 N.W. cor
1	135	772	436	5	129	12	143	961	444	5	137	12	PALMDALE BLVD. & 90th ST. E.
							135	772				12	SEE F.B. 2840-17
												24	
							- 8	189					
B.M. 107-9A													B.M. 107-9A
													PALMDALE BLVD. & 90th ST. E &
													SEE F.B. 2840-17

PLEASE RETURN TO

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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. 2844 PG. 68 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. SIEMANN 1-3-72

INDEXED B. J. CALL DATE

T = 48°

WEATHER WINDY INST. NO. 96716

TIME 10:40 TO 10:45 ROD NO. 9584

NOTES CHKD BLANCHARD DATE MAY 31 '72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.107-9A TO B.M.107-9
B.M.107-9A													B.M.107-9A
													PALMDALE BLVD. & 90th ST. E. ℄
1	156	052	457	5	162 150	12	147	771	448	5	153 141	12	SEE F.B. 2840-17
												12	~~T = MALDONADO~~
	147	771										24	
B.M.107-9	+ 8	281											B.M.107-9
													PALMDALE BLVD. & 90th ST. E. N.W.C.
													SEE F.B. 2840-17

76P526B CE.# 308 8/68

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

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. 107-9A TO B.M. 109-1A
B.M. 109-9A													B.M. 107-9A
1	205	322	506	5	270 140	130	104	180	405	5	168 40	128	PALMDALE BLD. & 90th ST.E., &
													SEE F.B. 2840-17
2	134	463	435	5	171 97	74	102	445	403	5	143 61	82	
						204						280	
3	160	539	461	5	199 121	78	128	455	429	5	169 87	82	↑ R. ANDERSON
						282						292	
4	180	470	481	5	220 140	80	113	038	414	5	150 76	74	
						362						366	
5	142	432	443	5	164 120	44	119	805	420	5	139 99	40	
						406						406	
B.M. 109-1A												406	B.M. 109-1A
	823	226					567	923				812	PALMDALE BLVD & 95th ST.E., (CTR. SEC
	567	923											SEE F.B. 2840-17
	+255	303											

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

SURVEY BY S.E. DREIER

NOTES BY S.E. DREIER DATE 12-30-71 WEATHER 33°

INDEXED C.J. GALLI DATE JAN 26 TIME 11:20 TO 11:55 INST. NO. 96716

NOTES CHKD BLANCHARD DATE 31 ROD NO. 95 89

F.B. 2844 PG. 69

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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. 2844 PG. 70

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DEFIER NOTES SIEMANN 1-3-72

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

T-52°

WEATHER WINDY INST. NO. 96716

TIME 10:15 TO 10:35 ROD NO. 2559

NOTES CHKD BLANCHARD DATE 1-3-72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 109-1A TO B.M. 107-9A
B.M. 109-1A													B.M. 109-1A
1	119	822	420	5	166 72	94	186	389	487	5	231 141	90	PALMDALE BLVD. & 95TH ST. & INT
													SEE F.B. 2840-17
2	101	198	412	5	157 65	92	160	337	461	5	209 111	98	
						186						188	
3	103	851	404	5	148 58	90	144	386	445	5	188 100	88	
						276						276	T = MALDONADO
4	119	342	420	5	157 81	76	149	372	450	5	188 110	78	
						352						354	
5	140	066	441	5	169 111	58	209	068	510	5	237 181	56	
						410						410	
B.M. 107-9A												410	B.M. 107-9A
	594	279					849	552				820	PALMDALE BLVD. & 90TH ST. E. &
							594	279					SEE F.B. 2840-17
							255	273					

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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.109-1A TO B.M.109-1
B.M.109-1A													B.M.109-1A (CTR. SEC. 29)
													PALMDALE BLVD. & 95th ST. E.
1	142	704	443	5	151 133	18	144	668	445	5	153 135	18	SEE F.B. 2844-7
							142	704				18	
												36	
							- 1	964					
B.M.109-1													B.M.109-1 (RD DEPT. BL 1017)
													PALMDALE BLVD & 95th
													SEE F.B. 2844-7

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 12-30

INDEXED G.J. GALLI DATE JAN 26 72

WEATHER CLEAR 34°

TIME 11:25 TO 12:05

NOTES CHKD BLANCHARD DATE JAN 31 72

INST. NO. 96716

ROD. NO. 25294

F.B. 2844 PG. 71

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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.109-1 TO B.M.109-1A
B.M.109-1													B.M.109-1 (RD DEPT BL 1017)
													PALMDALE BLVD. & 95th ST.E. (S.E. COR.)
1	153	068	454	5	162 144	18	151	087	452	5	160 142	18	SEE F.B. 2844-7
												18	~~T = MALDONADO~~
	151	087										36	
B.M.109-1A	+1	981											B.M.109-1A (CTR SEC. 29)
													PALMDALE BLVD. & 95th ST.E.
													SEE F.B. 2844-7

T = 52°

WEATHER Windy INST. NO. 9674

TIME 10:10 TO 10:15 ROD NO. 9589

NOTES CHKD BLANCHARD DATE 91 72

F.B. 2844 PG. 72 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-3-72

INDEXED C. J. GALLI 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.

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

SURVEY BY G. E. DREIER DATE 12-30-71 WEATHER CLEAR INST. NO 96716

NOTES BY C. J. GALLI DATE JAN 26 72 TIME 1:00 TO 1:50 ROD NO 95 & 96

INDEXED DATE NOTES CHKD BLANCHARD DATE JAN 31 72

39°

F.B. 2844 PG. 73

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 109-1 TO B.M. 109-2
B.M. 109-1									B.M. 109-1 (RD DEPT BL 1017)
1	213	932	514 5	252 / 174 78	112	267	413 5	150 / 74 76	PALMDALE BLVD. & 95th ST. E. (S.E. COR)
									SEE F.B. 2844-7
2	197	210	498 5	238 / 156 82	84	723	385 5	125 / 43 82	
				160				158	T.C. PETERSON
3	199	954	500 5	239 / 159 80	86	270	387 5	127 / 45 82	
				240				240	
4	189	233	490 5	230 / 148 82	120	120	421 5	160 / 80 80	
				322				320	
5	180	858	481 5	213 / 147 66	128	492	429 5	161 / 95 66	
				388				386	
6	148	652	449 5	164 / 132 32	133	207	434 5	149 / 117 32	
				420				418	
M. 109-2								420	B.M. 109-2
	1129	839			665	079		838	PALMDALE BLVD. & 100th ST. E. (S.E. COR)
	665	079							SEE F.B. 2844-8
	+464	760							
M. 109-1			RERUN	1-13-72	2:15	102:40			T=66° SUNNY, CLEAR
1	221	587	522 5	269 / 173 96	88	984	389 5	136 / 40 96	
2	205	512	506 5	245 / 165 80	99	438	400 5	138 / 60 78	RERUN
				176				174	
3	205	312	506 5	248 / 162 86	91	509	392 5	134 / 48 86	1129.712
				262				260	
4	186	118 / 084	487 5	230 / 142 88	114	711	415 5	158 / 70 88	664.916
				350				348	+464.796
5	165	691	466 5	200 / 130 70	135	783	436 5	170 / 100 70	
				420				418	
6	145	492	446 5	148 / 142 6	134	491	435 5	137 / 131 6	
				426				424	
								426	
B.M. 109-2	1129	712			664	916		850	

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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
B.M. 109-2													FROM B.M. 109-2 TO B.M. 109-1
					141						181		B.M. 109-2
1	141	074	442	5	124 1/2	34	163	522	464	5	145	36	PALMDALE BLVD. & 100TH. ST.
					168						224	86	F.B. 2844-8 S.E. COR.
2	126	870	427	5	84	84	181	148	482	5	138	~~94~~ ~~86~~	
					147	118					237	122	
3	108	598	409	5	69	78	197	682	498	5	157	80	⊼ = PETERSON
					140	196	200				236	202	
4	100	212	401	5	60	80	~~201~~	968	501	5	164	72	
					123	276					235	274	
5	84	838	385	5	45	78	196	170	497	5	157	78	
					140	354					228	352	
6	106	940	407	5	72	68	194	086	495	5	160	68	
						422						420	
B.M. 109-1												422	B.M. 109-1 (RD. DEPT. BL 1017)
	668	532					1133	576				842	PALMDALE BLVD. & 95TH. ST. E.
							668	532					F.B. 2844-7 S.E. COR.
							465	044					
B.M. 109-2		RERUN			1-13-72		1:45 TO 2:15				SUNNY		CLEAR T = 66°
1	134	022	435	5	140 128	12	147	800	448	5	153 141	12	
~~2~~	~~129~~	~~423~~	~~430~~	~~5~~	172 86	86 98	~~176~~	~~278~~	~~477~~	~~5~~	219 133	86 98	RERUN
3	133	373	434	5	170 96	74	192	639	493	5	228 156	72	
~~4~~	~~96~~	~~879~~	~~397~~	~~5~~	134 58	172 76	~~190~~	~~293~~	~~491~~	~~5~~	227 153	170 74	1144.683
					131	248					252	244	680.095
5	92	547	393	5	53	78	211	199	512	5	170	82	464.588
6	93	851	394	5	141 45	326				5		326	
~~7~~				5		96	226	474	527	5	274 178	76	
						422						422	
B.M. 109-1	680	095					1144	683				422	044

T = 46°

WEATHER CLEAR & WINDY INST. NO. 96716

TIME 14:15 ROD NO. 95892

NOTES CHKD BLANCHARD DATE 11-71

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES ANDERSON DATE: 31-DEC.'71

INDEXED C. J. GALLI DATE

F.B. 2844 PG. 74

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY G.E. DREIER WEATHER CLEAR 40°

NOTES BY G.E. DREIER DATE 12-30-71 TIME 1:50 TO 2:35 INST. NO 96716

INDEXED C. J. GALE DATE JAN 26 '72 NOTES CHKD BLANCHARD DATE JAN 31 '72 ROD NO 95 & 92

F.B. 2844 PG. 75

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM.109-2 TO BM.109-3
B.M.109-2													B.M.109-2
1	138	915	439	5	149 127	22	135	103	436	5	147 123	24	PALMDALE BLVD. & 100th ST. E. (S.E. COR)
													SEE F.B. 2844-8
2	172	407	473	5	211 133	78	119	512	420	5	158 80	78	
						100						102	π T.C. PETERSON
3	157	588	458	5	195 119	76	122	958	423	5	159 85	74	
						176						176	
4	156	213	457	5	193 119	74	133	898	434	5	171 95	76	
						250						252	
5	173	918	474	5	212 134	78	112	084	413	5	150 74	76	
						328						328	
6	187	081	488	5	216 158	58	125	598	426	5	154 96	58	
						386						386	
B.M.109-3												386	B.M.109-3
	986	122					749	153				772	PALMDALE BLVD. & 105th ST
	749	153											SEE F.B. 2844-9
	236	969											

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.109-3 TO B.M.109-2
B.M.109-3					159						224		B.M.109-3 (CTR. SEC. 28)
1	117	696	418	5	75	84	184	358	485	5	144	80	PALMDALE BLVD. & 105th ST.E.
					145						204		SEE F.B.2844-9
2	106	106 (NOTE)	407	5	67	78	163	845	464	5	122	82	
					174	162					213	162	
3	135	477	436	5	96	78	174	822	475	5	135	78	
					177	240	179				220	240	
4	135	260	436	5	93	84	~~18~~	954	480	5	138	82	⊼ = PETERSON
					146	324					174	322	
5	113	187	414	5	80	66	141	753	442	5	108	66	
						390						388	
B.M.109-2	607	726					844	732				390	B.M. 109-2
							607	726				778	PALMDALE BLVD. & 100TH. ST.E.
							237	006					F.B.2844-8 S.E.COR.

T = 44°

F.B. 2844 PG. 76 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES ANDERSON DATE 31 DEC. '71

INDEXED C. J. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 96716

TIME 13:40 ROD NO. 95[illegible]

NOTES CHKD BLANCHARD DATE JUL 31 '71

76P526B CE # 308 8/68

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

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 109-3 TO B.M. 109-3A
B.M. 109-3													B.M. 109-3 (CTR. SEC. 28)
					183						109		PALMDALE BLVD & 105th ST. E.
1	161	442	462	5	139	44	87	728	388	5	65	44	SEE F.B. 2844-9
	87	728										44	
	+ 73	714										88	
B.M. 109-3A													B.M. 109-3A (RD DEPT BL 1021)
													PALMDALE BLVD. & 105th ST. E. (S.E. COR.)
													SEE F.B. 2844-9

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 48

SURVEY BY G.E. DREIER

NOTES BY DREIER DATE 12-30-71 WEATHER CLEAR

INDEXED G.J. GALLI DATE JAN 26 72 TIME 2:35 PM NOTES CHKD BLANCHARD DATE JAN 31 72

INST. NO. 96716 ROD NO. 95896

F.B. 2844 PG. 77

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.109-3A TO B.M.109-3
B.M.109-3A													B.M.109-3A (RD.DEPT BL 1021)
													PALMDALE BLVD. & 105TH. ST.E. S.E.Co.
					100						183		F.B. 2844-9
1	86	793	387	5	64	44	160	240	461	5	137	46	π = PETERSON
												44	
B.M.109-3							86	793				90	B.M.109-3
							-73	447					PALMDALE BLVD. & 105TH. ST. E.
													F.B. 2844-9 (STR. SEC. 28)
					Re-Run								
	1-13-72		1:25		to			T-62°	Sunny				
BM 109-3A					160-1						231		BM 109-3A
1	136	680	437	5	136	48	210	370	511	5	189	42	
							136	680				48	
							-73	690				90	

T = 49°

WEATHER CLEAR, $0 A.L. INST. NO. 92 [illegible]

TIME 13:20 ROD NO. 25 [illegible]

NOTES CHKD BLANCHARD DATE JAN 31 [illegible]

F.B. 2844 PG. 78

JOB NO. 0701.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES ANDERSON DATE: 31-DEC. 17

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-52°
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 1-3-72
INDEXED C. J. GALLI DATE JAN 26 72
WEATHER Sunny & Windy
TIME 11:05 to 11:25
NOTES CHKD BLANCHARD DATE JAN 31 72
ROD NO. 95 & 96
F.B. 2844 PG. 79

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 109-3A TO BM 109-4A
BM 109-3A					209						170		BM 109-3A (Rd. Dept. BL 1021)
1	157	191	458	5	105	104	118	094	419	5	66	104	Palmdale Blvd. & 105th St. E
					257						180		See F.B. 2844-9
2	206	389	507	5	155	102	129	361	430	5	78	102	
					249	206					160	206	
3	199	068	500	5	149	100	111	337	412	5	62	98	π-Siemann
					218	306					199	304	
4	196	719	497	5	174	44	177	410	478	5	155	44	
						350						348	BM 109-4A (L.A. Co. Rd. Dept. 196)
												350	Palmdale Blvd. & 110th St. E
	759	367					536	202				698	See F.B. 2844-10 N.W. Cor.
	536	202											
BM 109-4A	223	165											
						Re-Run							
BM 109-3A	1-14-72		9:55		to 10:10			T: 52°	Sunny & Calm				BM 109-3A
					244						203		
1	194	650	495	5	144	100	153	120	454	5	103	100	
					252						170		
2	200	493	501	5	148	104	119	305	420	5	68	102	π-Siemann
					243	204					156	202	
3	192	844	493	5	141	102	104	549	405	5	52	104	
					211	306					200	306	
4	190	470	491	5	169	42	178	748	479	5	156	44	
						144						350	
						348						348	
	778	457					555	722				698	
	555	722											
BM 109-4A	222	735											BM 109-4A

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F.B. 2844 PG. 80

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 1-13-72

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

T-62°

WEATHER Sunny Calm INST. NO. 9671

TIME 1:20 To 3:25 ROD NO. 9556

NOTES CHKD BLANCHARD DATE 1-31-72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 109-4A TO B.M. 109-3A
B.M. 109-4A					193						261		B.M. 109-4A
1	149	341	450	5	105	88	218	538	519	5	175	86	PALMDALE BLVD. & 110th ST. E
					181						237		SEE F.B 2844-10
2	137	061	438	5	93	88	191	930	492	5	145	92	
					172	176					241	178	T-Siemann
3	128	700	429	5	84	88	198	550	499	5	155	86	
					200	264					228	264	
4	158	248	459	5	116	84	187	010	488	5	146	82	
						348	/					346	BM 109-3A (L.A.C.R.D. BL 1021)
												348	Palmdale Blvd. & 105th St. E.
	573	350	/				796	028	/			694	See F.B. 2844-9
BM 109-3A							573	350					
							222	678	/				

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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 109-4A TO BM 109-4B
BM 109-4A													BM 109-4A (L.A. Co. Rd. BM 1960)
					218						191		Palmdale Blvd. & 110th St. E.
1	207	361	508	5	196	22	180	971	481	5	169	22	See F.B. 2844-10 N.W. Cor.
	180	971										22	
	+26	390										44	T. Siemann
													BM 109-4B (1/4 Sec. Cor. 27, 28 T6N R10W)
													Palmdale Blvd. & 110th St. E.
BM 109-4B													See F.B. 2844-10 ℄ Int.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-52

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 1-3-72

INDEXED C. J. GALLI DATE JAN 26 72

WEATHER Sunny & Windy INST. NO. 96716

TIME 11:25 to 11:30 ROD NO. 85596

NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 81

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM109-4B TO BM109-4A
BM 109-4B					140						169		BM 109-4B (1/4 Sec. Co.R.)
1	131	650	432	5	122	18	158	010	459	5	147	22	Palmdale Blvd & 110th St E
							131	650				18	See F.B. 2844-10 ℄ Int
							26	360				40	
													π-Siemann
B.M. 109-4A													BM 109-4A (L.A.C.R.D. BM 1960)
													Palmdale Blvd & 110th St E. NW.
													See F.B. 2844-10

T-62°

WEATHER Sunny & Calm INST. NO. 9671

TIME 1:10 to 1:15 ROD NO. 1713 A&B

NOTES CHKD BLANCHARD DATE JAN 91

F.B. 2844 PG. 82 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 1-13-72

INDEXED C. J. GALLI 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 1-3-72
INDEXED E. J. GALL DATE JAN 26 72
WEATHER WINDY 52°
TIME 1:30 PM 3:35
NOTES CHKD. BLANCHARD DATE JAN 31 72
ROD NO 25896
INST. NO 96716
F.B. 2844 PG. 83

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 109-4B TO B.M. 109-4
B.M. 109-4B													B.M. 109-4B (¼ SEC COR 27, 28)
													PALMDALE BLVD. & 110th ST. E.
1	153	470	454	5	162 144	18	113	598	414	5	120 106	14	SEE F.B. 2844-10
	113	598										18 32	~~A. R. SIEMANN~~
	+39	872	1										
B.M. 109-4													B.M. 109-4
													PALMDALE BLVD. & 110th ST. E. S.E. COR
													SEE F.B. 2844-10

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2844 PG. 84 JOB NO 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 1-13-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO 96716

TIME 1:05 TO 1:10 ROD NO 173A-E

NOTES CHKD BLANCHARD DATE 11 72

60°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 109-4 TO B.M. 109-4B.
B.M. 109-4													B.M. 109-4
													PALMDALE BLVD. & 110th ST. E. S.E COR
1	112	824	413	5	120 104	16	152	738	453	5	160 144	16	SEE F.B. 2844-10
							112	824				16	
												32	T R. SIEMANN
							-39	914					
B.M. 109-4B													B.M. 109-4B (¼ SEC. COR 27, 28)
													PALMDALE BLVD. & 110th ST. E. & INT.
													SEE F.B. 2844-10

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 T-52°

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 1-3-72

INDEXED C. J. GALLI DATE JAN 26 '72

WEATHER Sunny & Windy INST. NO. 96716

TIME 1:35 to 11:55 ROD NO. 95896

NOTES CHKD BLANCHARD DATE JAN 31 '72

F.B. 2844 PG. 85

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 109-4 TO BM 109-5
BM 109-4				238				166	BM 109-4
1	187	821	488 5	136 102	117	249	418 5	68 98	Palmdale Blvd. & 110th St. E
				213				197	See F.B. 2844-10 S.E. Cor.
2	163	980	464 5	113 100	148	210	449 5	99 98	
				251 202				183 196	
3	201	570	502 5	151 100	133	775	434 5	83 100	π-Siemann
				228 302				194 296	
4	196	854	497 5	164 64	160	901	461 5	126 68	
				366				364	BM 109-5 (L.A. Co. Rd. Dept. BM 1960)
								366	Palmdale Blvd. & 115th St. E
	750	225			560	135		730	& P.P. #1190412E
BM 109-5	560	135							See F.B. 2844-11
	190	090							
				Re-Run					
	1-14-72		10:20 to 10:40		T-54°		Sunny & Calm		
BM 109-4				263				177	BM 109-4
1	208	074	509 5	153 110	123	962	423 5	67 110	
				202				186	
2	151	569	452 5	100 102	137	943	438 5	88 98	π-Siemann
				251 212				168 208	
3	200	661	501 5	149 102	117	237	418 5	66 102	
				195 314				191 310	
4	172	399	473 5	149 46	164	819	465 5	137 54	
				358				364	
				360				360	
	732	703			542	961		724	
	542	961							
	189	742							
BM 109-5									BM 109-5

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 109-5 TO BM 109-4
BM 109-5				202				253	BM 109-5 (L.A.C.R.D. BM 1960)
1	157	892	458 5	112 90	208	150	509 5	163 90	Palmdale Blvd & 115th St. E.
				184				247	& P.P. # 1190412 E.
2	137	492	438 5	90 94	200	841	501 5	153 94	See F.B. 2844-11
				205 184				222 184	
3	160	941	461 5	115 90	178	144	479 5	134 88	K-Siemann
				187 274				247 272	
4	143	599	444 5	99 88	202	068	503 5	157 90	
				362				362	BM 109-4
								362	Palmdale Blvd. & 110th St. E.
	599	924			789	203		724	See F.B. 2844-10
BM 109-4					599	924			
					189	279			
BM 109-5	1-14-72	10:45 to 11:05		Re-Run			1-52	Sunny & Breezy	BM 109-5
				200				244	
1	155	290	456 5	110 90	196	711	497 5	148 96	
				175				244	
2	125	292	426 5	75 100	195	986	496 5	146 98	K-Siemann
				212 190				235 194	
3	161	780	462 5	110 102	181	640	482 5	127 108	
				174 292				232 302	
4	140	649	441 5	106 68	198	901	499 5	164 68	
				360				370	
								360	
	583	011			773	238		730	
					583	013			
					190	225			
						7			
BM 109-4									BM 109-4

T-60°

WEATHER Sunny & Calm INST. NO. 96711

TIME 11:25 to 11:45 ROD NO. 1713 & 1

NOTES CHKD. BLANCHARD DATE JUL 91 72

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 1-14-72

INDEXED C. J. GALLI DATE

F.B. 2844 PG. 86

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.109-5 TO B.M.109-4
B.M.109-5													B.M.109-5
1	153	869	454	5	203 153	100	199	642	500	5	248 150	98	PALMDALE BLVD. & 115th ST. E
													SEE F.B. 2844-11
2	125	171	426	5	177 73	104	192	440	493	5	244 140	104	
3	165	256	466	5	218 112	204 106	198	421	499	5	252 144	202 108	2nd RERUN
						310						310	T R. SIEMANN
4	144	898	445	5	171 117	54	188	690	489	5	215 161	54	
						364						364	
B.M.109-4												364	
	589	194	/				779	193	/			728	B.M.109-4
							589	194					PALMDALE BLVD. & 110th ST. E.
							189	999					SEE F.B. 2844-10

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

SURVEY BY G. E. DREIER WEATHER LT WIND 60°

NOTES BY G. E. DREIER DATE 1-14-72 TIME 2:15 TO 2:40 INST. NO 96716

INDEXED C. J. GALLI DATE JAN 26 72 NOTES CHKD. BLANCHARD DATE JAN 31 72 ROD NO 1734-B

F.B. 2844 PG. 87

76P526B CE # 308 8/68

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

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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 1-3-72 WEATHER Sunny & Windy INST. NO. 96716

NOTES BY Maldonado TIME 1:10 to 1:15 ROD NO. 25 & 98

INDEXED C.J. GALLI DATE JAN 26 '72 NOTES CHKD BLANCHARD DATE JAN 31 '72

T-46°

F.B. 2844 PG 89

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From BM 109-5 To BM 109-5A
BM 109-5				281				233	BM 109-5 (LA.Co.Rd.Dept. B.M. 1960)
1	246	021	547 5	211 70	198	260	499 5	163 70	Palmdale Blvd. & 115th St. E. &
	198	260						70	P.P. # 1190412 E
	47	761						140	See F.B. 2844-11
									T-Siemann
BM 109-5A									BM 109-5A (LA.Co.Rd.Dept. BM 1960)
									Palmdale Blvd. & 115th St. E.
									See F.B. 2844-11

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 109-5A TO BM 109-5
BM 109-5A					231						279		BM 109-5A (L.A.C.R.D. BM. 1960)
1	196	821	497	5	161	70	244	635	545	5	209	70	Palmdale Blvd. & 115th St. E.
							196	821				70	See F.B. 2844-11
							47	814				140	
													BM 109-5 (L.A.C.R.D. BM 1960)
BM 109-5													Palmdale Blvd. & 115th St. E. &
													P.P. 1190412E.
													See F.B. 2844-11

T-60°

WEATHER Sunny & Calm INST. NO. 9671

TIME 11:20 to 11:25 ROD NO. 7/3 A

NOTES CHKD BLANCHARD DATE 1-13-72

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 1-13-72

INDEXED C. J. GALLI DATE

F.B. 2844 PG. 90

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 BM109-5A TO BM109-6A
BM 109-5A	4			295				177	BM 109-5A (L.A.Co. Rd. Dept. BM 1960)
1	245	916	545 5	193 102	125	869	426 5	73 104	Palmdale Blvd. & 115th St. E.
				263				171	See F.B. 2844-11
2	212	532	513 5	161 102	122	040	423 5	73 98	
				260 204				171 202	T-Siemann
3	210	669	511 5	160 100	122	509	423 5	73 98	
				210 304				202 300	
4	190	639	491 5	170 40	179	582	480 5	156 46	
				344				346	
								344	BM 109-6A (L.A.C.R.D. BM 1960)
	858	756			550	000		690	Palmdale Blvd. & 120th St. E. by
	550	000							P.P. # 1190424E
M 109-6A									See F.B. 2844-12
	+308	756							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-46°

SURVEY BY G.E. Dreier WEATHER Sunny & Wind INST. NO. 96716

NOTES BY Maldonado DATE 1-3-72 TIME 1:15 to 1:35 ROD NO. 95 & 96

INDEXED C. J. GALLI DATE JAN 26 72 NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 91

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 109-6A TO BM 109-5A
BM 109-6					202						254		BM 109-6A (L.A.C.R.D. BM 196)
1	157	212	458	5	112	90	211	921	512	5	168	86	Palmdale Blvd. & 120th St. E.
					182						250		by P.P. 1190424E
2	138	330	439	5	94	88	206	182	507	5	167	88	See F.B. 2844-12
					166	178					250	174	
3	121	589	422	5	76	90	204	528	505	5	158	92	
					176	268					240	266	X-Seminn
4	131	640	432	5	86	90	194	810	495	5	148	92	
					176	358					216	358	
5	169	517	470	5	162	14	209	541	510	5	202	14	
						372						344	BM 109-5A (L.A.C.D. BM 1960)
												72	
												372	Palmdale Blvd. & 115th St. E.
BM 109-5A	718	288					1026	982				744	See F.B. 2844-11
							718	288					
							308	694					

T-58°

WEATHER Sunny & Calm INST. NO. 96716

TIME 11:00 to 11:20 ROD NO. 19/3A

NOTES CHKD BLANCHARD DATE 1-31-72

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 1-13-72

INDEXED C. J. GALLI DATE

F.B. 2844 PG. 92

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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.109-6A TO B.M.109-6
BM.109-6A													B.M.109-6A
1	239 ~~20~~	961	540	5	257 221	36	119	041	420	5	137	36	PALMDALE BLVD. & 120TH. ST. E.
	119	041										36	SEE F.B. 2844-12
	+120	920										72	⊼ J. MALDONADO
BM.109-6													B.M. 109-6
													PALMDALE BLVD. & 120TH. ST. E.
													SEE F.B. 2844-12

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

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 1-3-72

INDEXED C. J. GALLI DATE JAN 26 '72

WEATHER SUNNY-WINDY T=46°

TIME 1:35 - 1:40

NOTES CHKD BLANCHARD DATE JAN 31 '72

INST. NO. 96-116

ROD NO. 95-96

F.B. 2844 PG. 93

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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.109-6 TO BM.109-6A
B.M.109-6													B.M.109-6
1	112	268	413	5	130 94	36	233	161	534	5	250 216	34	PALMDALE BLVD. & 120th ST. E.
							112	268				36	SEE F.B. 2844-12
							120	893				70	A. J. MALDONADO
B.M.109-6A													B.M.109-6A
													PALMDALE BLVD. & 120TH ST. E.
													SEE F.B. 2844-12

F.B. 2844 PG. 94

JOB NO. 0301.02

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

SURVEY BY G.E. DREIER NOTES T. OHASHI 1-13-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR-SUNNY INST. NO. 96716

TIME 10:50 - 10:55 ROD NO. 1713A-1

NOTES CHKD. B. MALDONADO DATE JAN 31 '72

T = 58°

76P526B CE # 308 8/68

PLEASE RETURN TO
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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 T. OHASHI DATE 1-3-72
INDEXED C. J. GALLI DATE JAN 26 72
WEATHER SUNNY & WINDY INST. NO. 96716
TIME 1:40 - 2:25 ROD NO. 95-96
NOTES CHKD BLANCHARD DATE JAN 31 72
F.B. 2844 PG. 95

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 109-6 TO BM. 109-7
B.M. 109-6													BM. 109-6
1.	162	125	463	5	208 / 116	92	138	812	439	5	183 / 93	90	PALMDALE BLVD & 120TH ST. E.
													SEE F.B. 2844-12
2.	184	784	485	5	233 / 135	98	119	323	420	5	167 / 71	96	
						190						186	
3.	177	380	478	5	221 / 133	88	44	210	345	5	88 / 8	88	⊼ J. MALDONADO
						278						274	
4.	194	087	495	5	233 / 155	78	129	252	430	5	168 / 90	78	
						356						352	
5.	173	560	474	5	184 / 162	22	213	~~01~~ 103	514	5	226 / 200	26	
						378						378	
												378	
B.M. 109-7	891	936					644	700				756	B.M. 109-7
	644	700											PALMDALE BLVD. & 125TH ST. E.
													SEE F.B. 2844-13
	+247	236											
B.M. 109-6			RERUN 1-14-72 TEMP 60° WINDY, CLEAR 11:20-11:40										
1	160	972	461	5	197 / 123	74	145	151	446	5	183 / 107	76	
2	173	473	474	5	208 / 138	70 / 144	129	473	430	5	163 / 95	68 / 144	⊼ J. MALDON
3	181	322	482	5	220 / 142	78 / 222	136	775	437	5	174 / 98	76 / 220	
4	245	057	546	5	284 / 206	78 / 300	106	616	407	5	144 / 68	76 / 296	
5.	197	653	498	5	238 / 156	82 / 382	193	261	494	5	235 / 151	84 / 380	
												382	
B.M. 109-7	958	477					711	276				762	
	711	276											
+	247	201											

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. 109-7 TO B.M. 109-6
B.M. 109-7													B.M. 109-7
1	191	312	492	5	236 / 146	90	208	876	509	5	252 / 164	88	PALMDALE BLVD. & 125th ST. E
													SEE F.B. 2844-13
2.	85	353	386	5	129 / 41	88	208	787	509	5	253 / 163	90	
						178						178	⊼ J MALDONADO
3.	118	459	419	5	161 / 75	86	187	212	488	5	229 / 145	84	
						264						262	
4.	132	584	433	5	176 / 88	88	169	327	470	5	213 / 125	88	
						352						350	
5.	153	310	454	5	168 / 138	30	153	773	454	5	169 / 137	32	
~~B.M. 109-6~~						382						382	
												382	
BM. 109-6	681	018					927	975				764	B.M. 109-6
							681	018					PALMDALE BLVD & 120th ST. E
													SEE F.B. 2844-12
							246	957					
BM. 109-7			RERUN		1-14-72		TEMP 60°		WINDY		CLEAR		1:45 — 2:05
1.	189	799	490	5	233 / 145	88	199	052	500	5	243 / 155	88	
2.	071	947	372	5	117 / 25	92 / 180	199	078	500	5	244 / 154	90 / 178	
3.	213	981	414	5	153 / 73	80 / 260	178	279	479	5	218 / 138	80 / 258	
4.	125	443	426	5	165 / 85	80 / 340	160	182	461	5	199 / 121	78 / 336	
5.	146	933	447	5	166 / 126	40	158	711	459	5	180 / 136	44	
						380						380	
BM. 109-6	~~848~~	~~103~~					895	302				380	
	848	103					848	103				760	
							247	199					

F.B. 2844 PG. 96

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OWASHI 1-13-72

INDEXED C. J. GALLI DATE

T = 58°

WEATHER SUNNY - CLEAR INST. NO. 96716

TIME 10:25 - 10:50 ROD NO. 1713A-1

NOTES CHKD BLANCHARD DATE 31 [illegible]

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

F.B. 2894 PG. 97

SURVEY BY G.E. DREIER

WEATHER T=46° SUNNY & WINDY INST. NO. 96716

NOTES BY T. OHASHI DATE 1-3-72 TIME 225 - 2:30 ROD NO. 95-96

INDEXED C. J. GALLI DATE JAN 26 72 NOTES CHKD. BLANCHARD DATE JAN 31 72

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. 109-7 TO B.M. 109-7A
BM. 109-7									B.M. 109-7
1	234	519	535 5	252 216 36	198	581	499 5	215 181 34	PALMDALE BLVD & 125TH ST. E.
	198	581						36	SEE F.B. 2844-13
	+35	938							
								70	⊼ J. MALDONADO
BM. 109-7A									B.M. 109-7A
									PALMDALE BLVD & 125TH ST. E.
									SEE F.B. 2844-13

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. 109-7A TO B.M. 109-7
BM. 109-7A													BM 109-7A
1.	163	493	464	5	180 / 196	34	199	410	500	5	215 / 183	32	PALMDALE BLVD. & 125TH ST. E
												34	SEE F.B. 2844-13
							163	493					
												66	
							35	917					⊼ J. MALDONADO
BM 109-7													BM. 109-7
													PALMDALE BLVD. & 125TH ST. E
													SEE F.B. 2844-13

T = 58°

WEATHER SUNNY - CLEAR INST. NO. 96716

TIME 10:20 - 10:25 ROD NO. 1713A-B

NOTES CHKD BRANCHARD DATE JAN 31 72

JOB NO. 0301

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 1-13-72

INDEXED C. J. GALLI DATE

F.B. 2844 PG. 98

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. DREYER

NOTES BY T. OHASHI DATE 1-3-72

INDEXED C. J. GALLI DATE JAN 26 72

WEATHER SUNNY-WINDY T = 46°

TIME 2:30 - 3:00

NOTES CHKD BLANCHARD DATE JAN 31 72

INST. NO. 96716

ROD NO. 95-96

F.B. 2844 PG. 29

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 109-7A TO B.M. 109-8A
BM. 109-7A													BM. 109-7A
1	260	453	561	5	306 / 214	92	102	802	403	5	149 / 55	94	PALMDALE BLVD. & 125TH ST. E.
													SEE F.B. 2844-13
2	226	549	527	5	270 / 182	88	146	142	447	5	187 / 105	82	
						180						176	
3.	104	481	405	5	145 / 63	82	163	578	464	5	204 / 122	82	⊼ J. MALDONADO
						262						258	
4.	187	160	488	5	226 / 148	78	~~114~~ 113	930	414	5	153 / 73	80	
						340						338	
5.	176	240	477	5	198 / 154	44	183	713	484	5	205 / 161	44	
						384						382	
												384	
BM. 109-8A	954	883					710	165				766	B.M. 109-8A
	710	165											PALMDALE BLVD & 130TH. ST. E.
													SEE F.B. 2844-14
	+244	718											
B.M. 109-7A			RERUN		1-14-72		TEMP = 60°		WINDY-CLEAR			11:45 - 12:05	
1	257	886	558	5	297 / 217	80	110	651	411	5	150 / 70	80	
2	212	086	513	5	253 / 171	82 / 162	113	060	414	5	154 / 72	82 / 162	
3	135	076	436	5	178 / 92	86 / 248	191	571	492	5	233 / 149	84 / 246	
4	169	103	470	5	212 / 126	86 / 334	104	820	405	5	146 / 62	84 / 330	
5	172	562	473	5	196 / 148	48 / 382	181	967	482	5	207 / 155	52 / 382	
BM. 109-8A												382	
	946	713					702	069				764	
	702	069											
	+244	644											

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. 2844 PG. 100 JOB NO. 031102

SURVEY OF LA. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-13-72

INDEXED C. J. GALLI DATE

T=58°

WEATHER SUNNY, CLEAR INST. NO. 9676

TIME 10:25 TO 10:20 ROD NO. 723 A&B

NOTES CHKD BLANCHARD DATE 31 T

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.109-8A TO B.M.109-7A
B.M.109-8A													B.M.109-8A
1	161	369	462	5	200 122	78	181	960	482	5	212 150	62	PALMDALE BLVD. & 130th ST.E.
													SEE F.B. 2844-14
2	115	648	416	5	152 78	74	155	752	456	5	201 109	92	
						152						154	
3	211	320	512	5	256 166	90	171	425	472	5	217 125	92	J. MALDONADO
						242						246	
4	84	093	385	5	132 36	96	210	223	511	5	258 162	96	
						338						342	
5	92	326	393	5	114 70	44	189	601	490	5	209 169	40	
						382						382	
												382	
BM. 109-7A	664	756					908	961				764	B.M. 109-7A
							664	756					PALMDALE BLVD. & 125th ST. E.
													SEE F.B. 2844-13
						-	244	205					
BM. 109-8A		RERUN 1-14-72				TEMP 60°		WINDY-CLEAR.			1:20-	1:45	
1	166	487	467	5	202 130	72	185	926	486	5	222 148	74	
2	105	724	406	5	149 61	88	145	694	446	5	189 101	88	
						160						162	
3	213	271	514	5	255 171	84	168	666	469	5	210 126	84	
						244						246	
4	91	458	392	5	135 47	88	212	452	513	5	256 168	88	
						332						334	
5	126	788 738	427	5	151 101	50	235	538	536	5	258 212	46	
						382						380	
	703	728					948	276				382	
BM. 109-7A							703	728				762	
						-	244	548					

76P626B 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.109-8A TO B.M.109-8
B.M.109-8A													B.M.109-8A (RD.DEPT BL 1030)
					227						150		PALMDALE BLVD. & 130th ST. E. N.W.COR.
1	212	507	513	5	197	30	134	551	435	5	118	32	SEE F.B. 2844-14
	134	551										30	
													↑ J. MALDONADO
B.M.109-8	+77	956										62	B.M.109-8
													PALMDALE BLVD. & 130th ST. E., N.E.COR.
													SEE F.B. 2844-14

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 37°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 1-4-72 WEATHER WIND - CLEAR

INDEXED C. J. GALLE DATE JAN 26 '72 TIME 11:25 INST. NO. 96716

NOTES CHKD. BLANCHARD DATE JAN 31 '72 ROD NO. 95 & 96

F.B. 2844 PG. 101

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.109-8 TO B.M.109-8A
B.M.109-8													B.M.109-8
													PALMDALE BLVD. & 130th ST. E.
1	124	271	425	5	141 107	34	202	237	503	5	219 187	32	SEE F.B. 2844-14
													~~T = MALDONADO~~
							124	271				34	
B.M.109-8A							77	966				66	B.M.109-8 A
													PALMDALE BLVD. & 130th ST. E.
													SEE F.B. 2844-14

T = 56°

WEATHER PTLY CLOUDY INST. NO. 96716

TIME 2:25 TO 2:35 ROD NO. 71348

NOTES CHKD. BLANCHARD DATE JAN 31 '72

F.B. 2844 PG. 102 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREER NOTES SIEMANN 1-12-72

INDEXED C. J. GALLI 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 370
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 1-4-72 WEATHER WIND-CLEAR INST. NO 96716
INDEXED C. J. GALLI DATE JAN 26 '72 TIME 11:30 TO 11:55 ROD NO 25896
NOTES CHKD BLANCHARD DATE JAN 31 '72
F.B. 2844 PG. 103

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 109-8 TO B.M. 109-9
B.M. 109-8													B.M. 109-8
1	122	793	423	5	166 78	88	80	911	381	5	125 35	90	PALMDALE BLVD & 130th ST. E, N.E. COR.
													SEE F.B. 2844-14
2	218	541	519	5	260 176	84	100	938	401	5	143 57	86	
						172						176	π J. MALDONADO
3	184	199	485	5	225 143	82	151	538	452	5	191 111	80	
						254						256	
4	158	021	459	5	201 115	86	122	759	423	5	165 79	86	
						340						342	
5	190	789	491	5	212 168	44	123	593	424	5	144 102	42	
						384						384	
B.M. 109-9												384	B.M. 109-9 (RD. DEPT BL 1032)
	874	343					579	739				768	PALMDALE BLVD. & 135th ST. E
	579	739											SEE F.B. 2844-15
	+294	604											

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. 109-9 TO B.M. 109-8
B.M. 109-9													B.M. 109-9
1	84	586	385	5	134 34	100	169	803	470	5	219 119	100	PALMDALE BLVD. & 135th ST. E.
													SEE F.B. 2844-15
2	129	228	430	5	181 77	104	179	189	480	5	230 128	102	
						204						202	
3	84	352	385	5	133 35	98	211	212	512	5	260 162	98	⊼ MALDONADO
						302						300	
4	90	327	391	5	130 50	80	122	723	423	5	163 81	82	
						382						382	
B.M. 109-8												382	B.M. 109-8 N.E. COR.
	388	493					682	927				764	PALMDALE BLVD. & 130TH ST. E.
							388	493					SEE F.B. 2844-14
						-	294	434					

T = 56°

WEATHER PTLY CLOUDY INST. NO. 96716

TIME 2:05 TO 2:20 ROD NO. 1713A-3

NOTES CHKD BLANCHARD DATE JAN 31 72

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-12-72

INDEXED C. J. GALLI DATE

F.B. 2844 PG. 104

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 37D

F.B. 2844 PG. 105

SURVEY BY G.E. DREIER WEATHER WIND - CLEAR INST. NO. 26716

NOTES BY G.E. DREIER DATE 1-4-72 TIME 11:65 TO 12:00 ROD NO. 95 & 96

INDEXED G. J. GALLI DATE JAN 26 '72 NOTES CHKD BLANCHARD DATE JAN 31 '72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 109-9 TO B.M. 109-9A
B.M. 109-9													B.M. 109-9 (RD. DEPT BL 1032)
					240						195		PALMDALE BLVD. & 135th ST. E.
1	223	571	524	5	206	34	178	259	479	5	161	34	SEE F.B. 2844-15
	178	259										34	
												68	
B.M. 109-9A	+ 45	312											B.M. 109-9A (RD. DEPT. BL 1033)
													PALMDALE BLVD. & 135th ST. E.
													SEE F.B. 2844-15

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. 109-9A TO B.M. 109-9
B.M. 109-9A					207						252		B.M. 109-9A (RD. DEPT. BL 1033)
1	190	605	491	5	173	34	235	938	536	5	218	34	PALMDALE BLVD. & 135th ST. E.
							190	605				34	SEE F.B. 2844-15
							45	333				68	T. Siemann
B.M. 109-9													B.M. 109-9 (RD. DEPT. BL 1032
													PALMDALE BLVD. & 135th ST. E.
													SEE F.B. 2844-15

T-58°

WEATHER Overcast INST. NO. 96716

TIME 2:05 to 2:10 ROD NO. 2713A-1

NOTES CHKD BLANCHARD DATE 31 72

F.B. 2844 PG. 106 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVELNET

SURVEY BY DREIER NOTES Maldonado 1-12-72

INDEXED C. J. GALLI 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. 109-9A TO B.M. 109-10A
B.M. 109-9A									B.M. 109-9A (RD DEPT. BL. 1033
1	237	640	538 5	287 187 100	145	350	446 5	196 94 102	PALMDALE BLVD. & 135th ST. E.
									SEE F.B. 2844-15
2	172	580	473 5	222 122 100	84	380	385 5	133 35 98	
				200				200	⊼ R. SIEMANN
3	195	809	496 5	245 145 100	101	906	402 5	151 51 100	
				300				300	
4	240	280	541 5	274 206 68	140	649	441 5	174 106 68	
				368				368	
B.M. 109-10A								368	B.M. 109-10A (RD. DEPT BL 1034)
	846	309			472	285		736	PALMDALE BLVD. & 140th ST. E.
	472	285							SEE F.B. 2844-16
+	374	024							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 38°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 1-4-72 WEATHER LT WIND CLEAR INST. NO. 96716
INDEXED C. J. GALLI DATE JAN 26 '72 TIME 1:00 1:20 ROD NO. 25896
NOTES CHKD BLANCHARD DATE JAN 31 '72

F.B. 2844 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.

F.B. 2844 PG. 108 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 1-12-72

INDEXED C. J. GALLI DATE

T-58°

WEATHER OVERCAST INST. NO. 96716

TIME 1:45 to 2:05 ROD NO. 173A

NOTES CHKD. BLANK DATE JAN 31 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 109-10A TO B.M. 109-9A
B.M. 109-10A					161		61				261		B.M. 109-10A (L.A.C.R.D. BL 1034)
1	110	451	411	5	159	102	216	620	562	5	210	100	PALMDALE BLVD. & 140th STE.
					192						281		SEE F.B. 2844-16
2	142	220	443	5	92	100	231	741	532	5	181	100	
					180	202					233	200	X-Siemann
3	129	072	430	5	78	102	181	390	482	5	181	104	
					181	304					262	304	
4	150	605	451	5	119	62	231	429	532	5	200	62	BM 109-9A (L.A.C.R.D. BL 1033)
						366						366	Palmdale Blvd. & 135th St.
												366	See F.B. 2844-15
	532	348					806	180				732	
BM 109-9A							538	348					
							398	837					
							73						

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. 109-10A TO B.M. 109-10
B.M. 109-10A													B.M. 109-10A (RD. DEPT. BL 1034)
													PALMDALE BLVD. & 140th ST. E
1	192	769	493	5	204 180	24	191	880	492	5	202 180	22	SEE F.B. 2844-16
	191	880										24	
												46	✓ R. SIEMANN
B.M. 109-10	+ 0	889											B.M. 109-10
													PALMDALE BLVD. & 140th ST. E,
													SEE F.B. 2844-16

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 1-4-72

INDEXED C. J. GALLI DATE JAN 26 '72

38° LT. WIND, CLEAR

WEATHER

TIME 1:20 TO 125

NOTES CHKD BLANCHARD DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 2844 PG. 109

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. 109-10 TO B.M. 109-10A
B.M. 109-10													B.M. 109-10 ~~[illegible]~~
					137						138		PALMDALE BLVD. & 140th ST. E.
1	128	589	429	5	119	18	129	455	430	5	120	18	SEE F.B. 2844-16
							128	589				18	* Siemann
							0	866				36	
B.M. 109-10A													B.M. 109-10A (RD DEPT BL 1034)
													PALMDALE BLVD. & 140th ST. E.
													SEE F.B. 2844-16

T-58°

WEATHER Overcast INST. NO. 96716

TIME 1:40 to 1:45 ROD NO. [illegible]

NOTES CHKD. BLANCHARD DATE

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Dreier NOTES Maldonado 1-12-72

INDEXED C. J. GALLI DATE

F.B. 2844 PG. 110

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

NOTES BY G.E. DREIER DATE 1-4-72

INDEXED C.J. GALLI DATE JAN 26 72

NOTES CHKD BLANCHARD DATE JAN 31 72

WEATHER LT. WIND CLEAR INST. NO 86716

TIME 1:30 TO 1:55 ROD NO 95829

38°

F.B. 2844 PG. 111

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 109-10 TO B.M. 109-11
B.M. 109-10													B.M. 109-10
1	207	202	508	5	258 156	102	125	549	426	5	176 74	102	PALMDALE BLVD & 140th STE.
													SEE F.B. 2844-16
2	158	336	459	5	208 108	100	108	042	409	5	159 59	98	
						202							
3	166	790	467	5	217 115	102	116	730	417	5	166 66	200 100	T. R. SIEMANN
						304						300	
4	246	071	547	5	301 191	110	140	001	441	5	196 84	112	
						414						412	
B.M. 109-11												414	B.M. 109-11
	778	399					490	322				826	PALMDALE BLVD.
	490	322											
	+288	077											
	Sunny & Calm				T=60°		Re-Run		1-19-72		9:50 to 10:15		
BM 109-10													BM 109-10
1	215	122	516	5	274 156	118	118	920	419	5	177 59	118	
2	175	629	476	5	226 124	102	116	220	417	5	166 66	100	
						220						218	
3	193	000	494	5	243 143	100	99	729	400	5	150 48	102	T. Siemann
						320						320	
4	200	847	501	5	231 149	102	125	727	426	5	175 75	100	
5	162	969	463	5	165 156	422 12	199	500	500	5	206 192	420 14	
						434						434	
												434	
	947	567					650	096				868	
	650	096					6						
BM 109-11	297	471											BM 109-11

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. 2844 PG. 112 JOB NO 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 1-12-72

INDEXED C. J. GALLI DATE

WEATHER Cloudy & Calm INST. NO 96716

TIME 1:15 to 2:35 ROD NO 0713A-5

NOTES CHKD. BLANCHARD DATE JAN 31 '72

T-58°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.109-11 TO B.M.109-10
B.M.109-11					211						255		B.M.109-11 (L.A.C.R.D BL 1036)
1	161	690	462	5	161½	100	205	130	506	5	155	100	PALMDALE BLVD. & 145th ST.E.
					1321/2						219		SEE F.B. 2844-17
2	82	849	383	5	82	100	170	082	471	5	121	98	
					163	200					233	198	π Siemann
3	113	489	414	5	63	100	182	121	483	5	131	102	
					181	300					269	300	
4	124	301	425	5	67	114	212	516	513	5	155	114	
						414						414	
												414	BM 109-10
	482	329					769	849				828	Palmdale Blvd. & 140th St. E.
							482	329					See F.B. 2844-16
BM 109-10							287	520					

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. 109-11 TO B.M. 109-11A
B.M. 109-11													B.M. 109-11
													PALMDALE BLVD. & 145th ST. E.
					223						178		
1	188	729	489	5	153	70	143	931	444	5	108	70	SEE F.B. 2844-17
	143	931										70	
												140	
B.M. 109-11A	444	798											B.M. 109-11A
													PALMDALE BLVD & 145th ST. E.
													SEE F.B. 2844-17

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

SURVEY BY G.E. DREIER DATE 1-4-72 WEATHER 39° INST. NO. 96716

NOTES BY TIME 2:00 TO 2:05 ROD NO. 95 & 96

INDEXED C. J. GALLI DATE JAN 26 72 NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 13

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.109-11A TO B.M.109-11
B.M.109-11A					178						224		B.M.109-11A (L.A.C.R.D. BM 1960)
1	144	326	445	5	110	68	189	070	490	5	154	70	PALMDALE BLVD & 145th ST.E.
							144	326				68	SEE F.B. 2844-17
							44	744				138	~~R. SIEMAN~~
B.M.109-11													B.M.109-11 (L.A.C.R.D BL 1036)
													PALMDALE BLVD. & 145th ST.E.
													SEE F.B. 2844-17

F.B. 2844 PG. 114 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 1-12-72

INDEXED C. J. GALLI DATE

T_59°

WEATHER Cloudy & Calm INST. NO. 96716

TIME 11:55 to 12:00 ROD NO. 173A-1

NOTES CHKD [illegible] DATE 31 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 39
SURVEY BY G.E. DREIER WEATHER WINDY, CLEAR INST. NO 96716
NOTES BY G.E. DREIER DATE 1-4-72 TIME 2:05 ROD NO 85 & 91
INDEXED G.J. GALLI DATE JAN 26 '72 NOTES CHKD BLANCHARD DATE JAN 31 '72
F.B. 2844 PG. 115

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 109-11A TO B.M. 109-12
B.M. 109-11A													B.M. 109-11A (L.A.C.R.D. BM 1960)
1	188	322	489	5	240 137	103	117	409	418	5	769 65	104	PALMDALE BLVD. & 145th ST.
													SEE F.B. 2844-17
2	185	969	486	5	236 134	102	54	060	355	5	707 1	106	
						205						210	R. SIEMANN
3	236	799	537	5	289 183	106	119	362	420	5	773 65	108	
						311						318	
4	143	930	444	5	179 108	71	171	550	472	5	203 139	64	
						382						382	
B.M. 109-12												382	B.M. 109-12
	755	020					482	381				764	PALMDALE BLVD. & 150th ST. E.
	462	381											SEE F.B. 2844-18
	+ 292	639											
					Re-Run								
BM 109-11A		1-19-72			10:20 to 10:		Sunny & Calm		T-60°				BM 109-11A
1	215	268	516	5	266 164	102	140	300	441	5	191 89	102	
					263						129		
2	212	760	513	5	161	102	77	170	378	5	25	104	R. Siemann
3	241	053	542	5	292 190	204 102	125	077	426	5	177 73	206 104	
4	172	752	473	5	210 134	306 76	207	070	508	5	242 172	310 70	
						382						80	
												382	
	841	833					549	617				762	
	549	617											
BM 109-12	292	216											BM 109-12

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.

F.B. 2844 PG. 116 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 1-12-72

INDEXED C. J. GALLI DATE

59° LT. BREEZE

WEATHER THIN CLOUDS INST. NO. 26716

TIME 11:30 TO 11:55 ROD NO. 1713A-E

NOTES CHKD BLANCHARD DATE JAN 31 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 109-12 TO B.M. 109-11A
B.M. 109-12					257						249		B.M. 109-12
1	115	969	516	5	173	84	206	396	507	5	163	86	PALMDALE BLVD. & 150th ST. E.
					189						259.4		SEE F.B. 2844-18
2	139	152	440	5	89	100	259	851	560	5	210	98	
					148	184					267	184	R. SIEMANN
3	97	563	398	5	46	102	217	941	518	5	167	100	
					201	286					264	284	
4	154	613	455	5	107	94	215	110	516	5	166	98	
						380						382	
												380	BM 109-11A (L.A.C.R.D. BM 1960)
	607	297					899	298				762	Palmdale Blvd. & 145th St. E.
BM 109-11A							607	297					See F.B. 2844-17
							292	001					

76P526B CE # 308 8/68

PLEASE RETURN TO
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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

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.109-12 TO B.M.109-13A
B.M.109-12									B.M.109-12
1	177	512	478 5	213 141 72	138	136	439 5	173 103 70	PALMDALE BLVD. & 150TH ST. E.
									SEE F.B. 2844-18
2	166	162	467 5	210 122 88	138	641	439 5	181 95 86	
				160				156	
3	164	023	465 5	207 121 86	120	703	421 5	165 75 90	T = MALDONADO
				246				246	
4	187	914	488 5	226 148 78	113	881	414 5	152 74 78	
				324				324	
5	181	130	492 5	222 166 62	154	955	455 5	186 ½ 154 64	
				386				388	
B.M.109-13A								386	B.M.109-13A (L.A.C.R.D. B.L. 1040)
	886	741			666	316		774	PALMDALE BLVD. & 155TH ST. E. S.W. COR.
	666	316							SEE F.B. 2844-19
	+ 220	425							

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 1-5-72

INDEXED G. F. GALLI DATE JAN 26 72

WEATHER CALM - CLEAR INST. NO. 96716

TIME 11:10 TO 11:40 ROD. NO. 956

NOTES CHKD BLANCHARD DATE JAN 31 72

T = 40°

F.B. 2844 PG. 117

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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. 109-13A TO B.M. 109-12
B.M. 109-13A													B.M. 109-13A (L.A.C.R.D. B.L. 1040
1	153	699	454	5	190 116	74	195	943	496	5	233 157	76	PALMDALE BLVD. 0.45 MI. E. OF
													150TH ST. E. SEE F.B. 2844-19
2	86	331	387	5	134 38	96	186	088	487	5	234 138	96	
						170						172	⊼ J. MALDONADO
3	142	499	443	5	189 95	94	174	251	475	5	221 127	94	
						264						266	
4	145	893	446	5	192 98	94	167	162	468	5	214 120	94	
						358						360	
5	140	062	441	5	157 123	34	165	282	466	5	181 149	32	
						392						392	
B.M. 109-12												392	B.M. 109-12
	668	484					888	726				784	PALMDALE BLVD. & 150th ST. E.
							668	484					SEE F.B. 2844-18
							220	242					

56°

WEATHER THIN SCAT. CLOUDS INST. NO. 96716

TIME 11:05 TO 11:30 ROD NO. 9522

NOTES CHKD. BLANCHARD DATE JAN 31 1972

F.B. 2844 PG. 118

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 1-12-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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.109-13A TO B.M.109-13
M.109-13A													B.M.109-13A (L.A.C.R.D. B.L.1040)
													PALMDALE BLVD. & 155TH ST.E.
1	166	609	467	5	174 158	16	127	863	428	5	133 117	18	SEE F.B. 2844-19
												16	~~T - MALDONADO~~
	127	863											
M.109-13	+ 38	746										34	B.M.109-13 (L.A.C.R.D. B.L.2720)
													PALMDALE BLVD. & 155TH ST.E. S.W.COR
													SEE F.B. 2844-19

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 40°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 1-5-72

INDEXED C. J. GALLI DATE JAN 26 '72

WEATHER CALM & CLEAR INST. NO 96716

TIME 11:40 TO 11:45 ROD NO. 95829

NOTES CHKD BLANCHARD DATE JAN 31 '72

F.B. 2844 PG. 119

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 109-13 TO B.M. 109-13A
B.M. 109-13													B.M. 109-13 (L.A.C. RD. B.L. 2720)
1	122	103	423	5	130 114	16	160	872	461	5	167 153	14	PALMDALE BLVD. & 155TH ST. E. S.W. COR
												16	SEE F.B. 2844-19
							122	103				30	
							-38	769					A = J. MALDONADO
B.M. 109-13A													B.M. 109-13A (L.A.CO. RD. B.L. 1040)
													PALMDALE BLVD. & 155TH ST. E.
													SEE F.B. 2844-19

56°

WEATHER SCAT. THIN CLOUDS INST. NO. 96716

TIME 11:00 TO 11:05 ROD NO. 1713A-1

NOTES CHKD. BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 120 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 1-12-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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.109-13 TO B.M.109-13B
.M.109-13													B.M. 109-13 (L.A.C.R.D. B.L. 2720)
1	114	591	415	5	147 81	66	107	931	408	5	140 74	66	PALMDALE BLVD & 155TH ST. E.
												66	SEE F.B. 2844-19
	107	931											
	+ 6	660										132	~~π = MALDONHD-0~~
.M.109-13B													B.M.109-13B (L.A.C.R.D. B.L.1041)
													PALMDALE BLVD. & 155TH ST. E.
													400'± E. OF INT.
													SEE F.B. 2844-19

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 42°

SURVEY BY G.E. DAEIER WEATHER CALM CLEAR INST. NO. 9671

NOTES BY SIEMANN DATE 1-5-72 TIME 11:55 TO 12:00 ROD NO. 9589

INDEXED C. J. GALLI DATE JAN 26 72 NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 121

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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. 109-13B TO B.M. 109-13
B.M. 109-13B													B.M. 109-13B (L.A.C.R.D. B.L. 1041)
1	108	320	409	5	141 75	66	114	940	415	5	146 82	64	PALMDALE BLVD. E. OF 155TH ST. E
							108	320				66	SEE F.B. 2844-19
							-6	620				130	π =
B.M. 109-13													B.M. 109-13 (L.A.C.R.D. B.L. 2720)
													PALMDALE BLVD. & 155TH ST. E.
													SEE F.B. 2844-19

F.B. 2844 PG. 122

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 1-12-72

INDEXED C. J. GALLI DATE

WEATHER SCAT. CLOUDS INST. NO. 96716

TIME 10:55 TO 11:00 ROD NO. 95 [illegible]

NOTES CHKD BLANCHARD DATE [illegible]

56°

76P526B CE # 308 8/68

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

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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. DREYER
NOTES BY SIEMANN DATE 1-5-72
INDEXED C. J. GALLI DATE JAN 26 72
NOTES CHKD BLANCHARD DATE JAN 31 72
WEATHER CALM & CLEAR INST. NO 96716
TIME 1:15 TO 1:30 ROD NO. 95896
F.B. 2844 PG. 123
T = 42°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 109-13B TO B.M. 109-14
B.M. 109-13B									B.M. 109-13B (L.A.C.R.D. B.L. 1041)
1	171	502	472 5	212 130 82	128	430	429 5	170 86 84	PALMDALE BLVD. & E. OF 155TH ST. E.
									SEE F.B. 2844-19
2	164	277	465 5	209 119 90	148	961	449 5	192 104 88	
				172				172	
3	165	729	466 5	208 122 86	150	748	451 5	192 108 84	π = MALDONADO
				258				256	
4	152	602	453 5	195 109 86	170	681	471 5	214 170 88	
				344				344	
B.M. 109-14								344	B.M. 109-14 (L.A.C.R.D. B.L. 1042)
	654	110			598	820		688	PALMDALE BLVD. & 160TH ST. E. N.W. COR
	598	820							SEE F.B. 2844-20
	+ 55	290							
B.M. 109-13B		RERUN 1-19-72			TEMP. = 60° SUNNY-CALM.			10:45 - 11:05	
1	171	878	472 5	213 129 84	123	229	424 5	166 80 86	
2	159	640	460 5	202 116 86	139	262	440 5	181 97 84	
				170				170	
3	154	804	455 5	198 110 88	144	416	445 5	188 100 88	
				258				258	
4	144	686	445 5	187 101 86	168	708	469 5	211 125 86	
				344				344	
B.M. 109-14	631	008			575	615		344	
	575	615						688	
	+ 55	393							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2844 PG. 124

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 1-12-72

INDEXED C. J. GALLI DATE

JOB NO 0301.02

T-55°

WEATHER SEAT CLOUDS INST. NO 96716

TIME 10:35 TO 10:55 ROD NO. 90 E 52

NOTES CHKD. BLANCHARD DATE JAN 1972

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 109-14 TO B.M. 109-13B
B.M. 109-14													B.M. 109-14 (L.A.C.R.D. B.L. 1042)
1	155	288	456	5	204 / 155	98	133	687	434	5	184 / 82	102	PALMDALE BLVD. & 160TH ST. E.
													SEE F.B. 2844-20
2	130	501	431	5	180 / 80	100	148	199	449	5	192 / 104	88	
												190	T J. MALDONADO
3	126	450	427	5	169 / 83	198 / 86	161	872	462	5	208 / 114	94	
						284						284	
4	128	421	429	5	158 / 98	60	151	913	452	5	181 / 121	60	
						344						344	
B.M. 109-13B												344	B.M. 109-13B
	540	660					595	671				688	PALMDALE BLVD. & 155th ST. E.
							540	660					SEE F.B. 2844-19
							-55	011					
BM. 109-14		RERUN		1-19-72		TEMP. = 68° SUNNY - CALM.						11:05 — 11:30	
1	167	678	468	5	219 / 121	86	143	621	444	5	186 / 100	86	
2	143	954	444	5	181 / 105	76	163	472	464	5	201 / 125	76	
						162						162	
3	148	382	449	5	189 / 107	82	168	249	469	5	209 / 127	82	
						244						244	
4	135	803	436	5	174 / 96	78	186	451	487	5	225 / 147	78	
						322						322	
5	144	470	445	5	154 / 134	20	133	887	434	5	143 / 123	20	
						342						342	
BM. 109-13B	740	287					795	680				342	
							740	287				684	
							55	393					

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. 109-14 TO B.M. 109-14A
B.M. 109-14													B.M. 109-14 (L.A.C.R.D. B.L. 1042)
													PALMDALE BLVD. & 160TH ST. E. N.W. COR
1	180	150	481	5	200 160	40	197	518	4985		215 179	36	SEE F.B. 2844-20
												40	~~T = MALDONADO~~
							180	150				76	
B.M. 109-14A							1	368					B.M. 109-14A (L.A.C.R.D. B.L. 1043)
1													PALMDALE BLVD. & 160TH ST. E. N.E. COR
													SEE F.B. 2844-20

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 420

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

NOTES BY SIEMANN DATE 1-5-72 TIME 1:35 TO 1:40 ROD NO. 85092

INDEXED C.J. GALLI DATE JAN 26 72 NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 125

PLEASE RETURN TO

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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.

55°

WEATHER SCAT. CLOUDS INST. NO. 96716

TIME 10:30 TO 10:35 ROD NO. 7134-2

NOTES CHKD BLANCHARD DATE JAN 31 72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 109-14A TO B.M. 109-14
B.M. 109-14A													B.M. 109-14A (L.A.C.R.D. B.L. 1043)
1	182	789	483	5	201 163	38	165	479	466	5	182 148	34	PALMDALE BLVD. & 160TH ST. E
	165	479										38	SEE F.B. 2844 - 20
												72	~~A - MALDONADO~~
	+17	310											
B.M. 109-14													B.M. 109-14 (L.A.C.R.D. B.L. 1042)
													PALMDALE BLVD. & 160TH ST. E.
													SEE F.B. 2844 - 20

F.B. 2844 PG. 126

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 1-12-72

INDEXED C. J. GALLI 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=420

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 1-5-72

INDEXED C. J. GALLI DATE JAN 26 72

WEATHER CALM CLEAR

TIME 1:45 TO

NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 127

INST. NO. 96766

ROD NO. 95896

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 109-14A TO B.M. 109-15
B.M. 109-14A									B.M. 109-14A (L.A.C.R.D. B.L. 1043)
1	240	593	541 5	284 196 88	137	354	438 5	181 93 88	PALMDALE BLVD. & 160TH ST. E. N.E. COR.
									SEE F.B. 2844-20
2	170	531	471 5	209 131 78	158	507	459 5	196 120 76	
				166				164	
3	155	113	456 5	192 118 74	151	184	452 5	188 114 74	π = MALDONADO
				240				238	
4	187	673	488 5	228 146 82	140	612	441 5	187 99 82	
				322				320	
5	125	527	426 5	156 94 62	137	684	438 5	169 105 64	
				384				384	
B.M. 109-15								384	B.M. 109-15 (LACRD BL 2721)
	879	437			725	341		768	PALMDALE BLVD. & 165TH ST. E. S.E. COR.
	725	341							SEE F.B. 2844-21
	+ 154	096							

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

Do not extend notes this side of this line.

F.B. 2844 PG. 128 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES E.E. DREIER 1-12-72

INDEXED C. J. GALLI DATE

WEATHER SCAT. CLOUDS 55° INST. NO. 96716

TIME 1015 TO 1130 ROD NO. 17138

NOTES CHKD BLANCHARD DATE JAN 31 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.109-15 TO B.M.109-14A
B.M.109-15													B.M.109-15 (L.A.CO. BL 2721)
1	154	778	455	5	206 102	104	158	968	459	5	215 101	114	PALMDALE BLVD. & 165TH ST.E.
													SEE F.B. 2844-41
2	116	432	417	5	168 64	104	144	390	445	5	192 96	96	
						208						210	
3	141	290	442	5	193 89	104	162	471	463	5	213 111	102	R. J. MALDONADO
						312						312	
4	120	157	421	5	156 84	72	220	740	521	5	257 183	74	
						384						386	
B.M.109-14A												384	B.M.109-14A
	532	957					686	569				770	PALMDALE BLVD. & 160TH ST.E.
							532	957					SEE F.B. 2844-20
							-153	912					

76P526B CE # 308 8/68

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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. 109-15 TO B.M. 109-15A
B.M. 109-15									B.M. 109-15
					7				PALMDALE BLVD. & 165th ST. E.
1	108	517	409	118 / 98 20	148	158	448 5	157 / 137 20	SEE F.B. 2844-41
								20	
					108	517			
								40	
B.M. 109-15A					-38	641			B.M. 109-15A
									PALMDALE BLVD. & 165th ST. E.
									SEE F.B. 2844-41

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 42°

SURVEY BY G. E. DREIER

NOTES BY G. E. DREIER DATE 1-5-72

INDEXED C. J. GALLI DATE JAN 26 72

WEATHER CLEAR

TIME 2:05 TO 207

NOTES CHKD BLANCHARD DATE JAN 31 72

INST. NO. 96716

ROD NO. 9589

F.B. 2844 PG 129

PLEASE RETURN TO

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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. 109-15A TO BM. 109-15
B.M. 109-15A													B.M. 109-15A
1.	144	169	445	5	154 134	20	105	538	406	5	115 95	20	156TH ST. E & PALMDALE BLVD
	105	538										20	SEE F.B. 2844-21
												40	
	+38	631											⊼ J. MALDONADO
B.M. 109-15													B.M. 109-15
													156TH. ST. E & PALMDALE BLVD
													SEE F.B. 2844-21

F.B. 2844 PG. 130 JOB NO. 030162

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

SURVEY BY G. E. DREHER NOTES T. OHASHI 1-11-72

INDEXED C. J. GALLI DATE

WEATHER CALM - CLEAR INST. NO. 96-716

TIME 2:30 - 2:35 ROD NO. 1713A-8

NOTES CHKD BLANCHARD DATE 31 72

T = 63°

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 BM. 109-15A TO BM. 109-16
B.M. 109-15A													B.M. 109-15A
1.	223	950	524	5	266 / 180	86	92	190	393	5	134 / 50	84	PALMDALE BLVD. & 165TH ST. E.
													SEE F.B. 2844-21
2	273	171	574	5	1273 / 2224	98	96 / ~~97~~	689	397	5	145 / 47	98	
						184						182	
3.	254	233	555	5	303 / 205	98	89	065	390	5	138 / 40	98	⊼ R. SIEMANN
						282						280	
4.	234	649	535	5	282 / 186	96	77	880	378	5	124 / 30	94	
						378						374	
5.	196	575	497	5	217 / 175	42	124	221	425	5	147 / 101	46	
						420						420	
												420	
B.M. 109-16	1182	578					480	045				840	B.M. 109-16
	480	045											165TH ST. E. & AVE "R"
													SEE F.B. 2844-22
	+702	533											

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

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 1-5-72

INDEXED C. J. GALLI DATE JAN 26 '72

WEATHER Tx 42° BALM-CLEAR INST. NO. 96716

TIME 2:15 - 2:30 ROD NO. 95-96

NOTES CHKD BLANCHARD DATE JAN 31 '72

F.B. 2844 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.

F.B. 2844 PG. 132 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net.

SURVEY BY G.E. Dreier NOTES T. Ohashi 1-11-72

INDEXED C. J. GALLI DATE

WEATHER Clear - Calm INST. NO. 96716

TIME 2:05 - ROD NO. 1113A-1

NOTES CHKD BLANCHARD DATE JAN 31 72

T=63°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From BM. 109-16 To B.M. 109-15A
BM. 109-16													BM. 109-16
1	94	336	395	5	138 50	88	253	028	554	5	298 208	90	156th St. E. & Ave. R
													See F.B. 2844-22
2	101	309	402	5	144 58	86	226	262	527	5	272 180	92	
						174						182	
3	70	788	371	5	116 24	92	225	541	526	5	264 182	82	⊼ R. Siemann
						266						264	
4	98	909	399	5	137 59	78	253	174	554	5	292 216	78	
						344						342	
5	105	191	406	5	143 67	76	215	130	516	5	252 178	74	
						420						416	
												420	
BM. 109-15A	470	533					1173	135				836	B.M. 109-15A
							470	533					156th St. E. & Palmdale Blvd.
													See F.B. 2844-21
							702	602					

76P526B CE # 308 8/68

PLEASE RETURN TO

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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. 109-16 TO B.M. 109-16A
B.M. 109-16													B.M. 109-16
1.	136	302	437		144 128	16	188	189	489	5	196 180	16	165TH ST. E. & AVE "R"
							136	302				16	SEE F.B. 2844-22
												32	
							51	887					
													R. SIEMANN
B.M. 109-16A													BM. 109-16A
													165TH. ST. E. & AVE "R"
													SEE F.B. 3715-250

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 42°

SURVEY BY G.E. DREIER WEATHER CLEAR & CALM INST. NO. 96706

NOTES BY T. OHASHI DATE 1-5-72 TIME 2:30 - 2:35 ROD NO. 95-96

INDEXED C. J. GALLI DATE JAN 26 72 NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 133

PLEASE RETURN TO

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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. 109-16A TO BM. 109-16
BM. 109-16A													BM. 109-16A
1	185	351	486	5	193 / 177	16	133	452	434	5	141 / 125	16	156TH ST. E. & AVE "R"
	133	452										16	SEE F.B. ~~2844-2011~~ 3715-250
												32	
	+51	899											T. R. SIEMANN
BM. 109-16													BM. 109-16
													156TH ST. E. & AVE "R"
													SEE F.B. 2844-22

WEATHER CLEAR - COLM. INST. NO. 96716

TIME 2:00 - 2:05 ROD NO. 17134-6

NOTES CHKD. BLANCHARD DATE JAN 31

T=63°

F.B. 2844 PG. 134

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

SURVEY BY G.E. DREES NOTES C. OWSHA 1-11-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

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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. 109-16A TO BM 109-17
BM.109-16A													BM.109-16A
1	288	628	589	5	1/288 2/243	90	78	569	379	5	120 36	84	165TH ST. E & AVE "R"
													SEE F.B. ~~2844-22~~ 3715-250
2	238	479	539	5	228 198	80	106 ~~107~~	933	407	5	147 65	82	
						170						166	
3	247	229	548	5	288 206	82	79	131	380	5	122 36	86	R. SIEMANN
						252						252	
4	228	835	529	5	269 187	82	87	410	388	5	128 46	82	
						334						334	
5	212	379	513	5	242 182	60	101	172	402	5	134 68	66	
						394						400	
6	211	373	512	5	236 186	50	89	000	390	5	110 68	42	
						444						442	
												444	
BM.109-17	1426	923					542	215				886	B.M.109-17
	-542	215											165TH ST. E. 1 MI. SO. PALMDALE BLVD.
	+884	708											SEE F.B. 2844-23

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

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 1-6-72

INDEXED C. J. GALLI DATE JAN 26 72

WEATHER CLEAR & CALM T=60°

TIME 11:50 - 12:15

NOTES CHKD BLANCHARD DATE JAN 31 72

INST. NO. 96716

ROD NO. 1713A

F.B. 2844 PG. 135

PLEASE RETURN TO

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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. 109-17 TO BM. 109-16A
B.M. 109-17													B.M. 109-17
1.	52	549	353	5	95 9	86	239	500	540	5	282 196	86	156TH ST. E & ABOUT 1 MI. S. PALMDALE BLVD
													SEE F.B. 2844-23
2.	86	103	387	5	130 42	88	247	951	548	5	292 202	90	
						174						176	
3	78	952	379	5	123 33	90	242	741	543	5	286 198	88	⊼ R. SIEMANN
						264						264	
4	86	046	387	5	132 40	92	250	279 ~~379~~	551	5	295 205	90	
						356						354	
5	68	005	369	5	112 24	88	275	660	576	5	1/2 275 232	86	
						444						440	/
												444	
B.M. 109-16A	371	655					1256	131	/			884	B.M. 109-16A
							371	655					156TH ST. E & AVE "R"
													SEE F.B. ~~2844-22~~ 3715-250
							-884	476	/				

F.B. 2844 PG. 126

JOB NO. 0301.02

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

SURVEY BY G.E. DREIER NOTES T. OHASHI 1-11-72

INDEXED C. J. GALLI DATE

WEATHER CALM - CLEAR INST. NO. 96716

TIME 1:35 - 2:00 ROD NO. 1713 A-1

NOTES CHKD. BLANCHARD DATE 31 72

T = 65°

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

NOTES BY T. OHASHI DATE 1-6-72

INDEXED C. J. GALLI DATE JAN 26 72

WEATHER T=60° COLM-CLEAR INST. NO. 86716

TIME 1:20-1:45 ROD NO. 1713A

NOTES CHKD. BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 137

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 109-17 TO B.M. 109-18
B.M. 109-17													B.M. 109-17
1.	217	301	518	5	258 / 176	82	98	372	399	5	140 / 56	84	165TH ST. E. ABOUT 1 MI. SO. PALMDALE BLVD.
													SEE F.B. 2844-23
2.	242	500	543	5	282 / 202	80	101	881	402	5	142 / 60	82	
						162						166	⊼ R. SIEMANN
3.	255	~~810~~ 759	556	5	295 / 215	80	94	405	395	5	131 / 57	74	
						242						240	
4.	245	430	546	5	285 / 205	80	~~95~~ 94	839	395	5	133 / 55	78	
						322						318	
5.	216	591	517	5	240 / 192	48	76	301	377	5	102 / 50	52	
						370						370	
												370	
B.M. 109-18	1177	581					465	798				740	B.M. 109-18
	465	798											165TH ST. E. & AVE. "S"
													SEE F.B. 3715-253
	+711	783											
B.M. 109-17	"RERUN" 1-19-72					TEMP = 66°	SUNNY-HAZE				11:40	-	
1.	255	691	556	5	255 / 193	124	65	399	366	5	124 / 6	118	
2.	267	359	568	5	267 / 217	100	70	515	371	5	122 / 18	104	
						224						222	
3.	262	992	563	5	262 / 212	100	60	677	361	5	112 / 8	104	
4.	198	850	499	5	221 / 175	324 / 46	76	470	377	5	98 / 54	326 / 44	
						370						370	
												370	
B.M. 109-18	984	892					273	061				740	
	273	061											
	+711	831											

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. 109-18 TO B.M. 109-17
BM 109-18													B.M. 109-18
1	64	669	365	5	102 / 26	76	255	230	556	5	296 / 214	82	156TH ST. E & AVE "S"
													SEE F.B. 3715-253
2.	84	640	385	5	129 / 39	90	254	750	555	5	299 / 209	90	
						166						172	
3.	74	362	375	5	120 / 28	92	256	659	557	5	302 / 210	92	⊼ R. SIEMANN
						258						264	
4.	95 / ~~94~~	059	396	5	140 / 50	90	250	823	551	5	294 / 206	88	
						348						352	
5.	145	710	446	5	156 / 134	22	159	034	460	5	169 / 149	20	
						370						372	
												370	
BM. 109-17	464	440					1176	496				742	BM 109-17
							464	440					156TH ST. E & 1 MI. SO. PALMDALE BLVD
													SEE F.B. 2844-23
							712	056					

F.B. 2844 PG. 138

JOB NO. 0301.02

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

SURVEY BY G.E. DREIER NOTES T. OHASHI 1-11-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR - CALM T=63° INST. NO. 96716

TIME 1:15 - 1:35 ROD NO. 1713A-E

NOTES CHK'D BLANCHARD DATE JAN 31 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 109-18 TO 109-18A
M.109-18									B.M 109-18 (L.A.C.RD. BL.2724)
1	160	430	461 5	182 138 44	88	314	389 5	110 66 44	165TH ST.E. & AVE.S N.W. COR.
									SEE F.B. 3715-253
	88	314							~~π = MALDONADO~~
	+72	116						44	
M.109-18A								88	B.M. 109-18A (L.A.C.RD. BL 1127)
									165TH ST. E. & AVE.S S.E. COR.
									SEE F.B. 3715253 A

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=58°

SURVEY BY GE. DREIER WEATHER CALM & CLEAR INST. NO. 96716

NOTES BY SIEMANN DATE 1-6-72 TIME 1:50 TO 1:55 ROD NO. 1713A

INDEXED C. J. GALLI DATE JAN 26 '72 NOTES CHKD BLANCHARD DATE JAN 31 '72

F.B. 2844 PG. 139

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.109-18A TO B.M.109-18
B.M.109-18A													B.M.109-18A (L.A.C.R.D. B.L. 1127)
													165TH ST. E & AVE. S. S.E. COR.
1	84	180	385	5	106 62	44	156	357	457	5	178 134	44	SEE F.B. #3715-253A
													T - MALDONADO
							84	180				44	
B.M.109-18							72	177				88	B.M.109-18 (L.A.C.R.D. BL 2724)
													165TH ST. E & AVE. S. N.W. COR.
													SEE F.B. 3715-253

T = 50°

WEATHER SUNNY CLEAR INST. NO. 9671

TIME 11:50 TO 12:00 ROD NO. 1713A

NOTES CHKD. BLANCHARD DATE 31

F.B. 2844 PG. 140

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-11-72

INDEXED C. J. GALLI 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. 109-18A TO B.M. 109-19B
B.M. 109-18A									B.M. 109-18A (L.A.C.R.D. B.L. 1127)
1	199	495	500 5	238 160 78	76	770	377 5	118 34 84	165TH ST. E. & AVE. S S.E. COR.
									SEE F.B. 3715 - 253A
2	234	380	535 5	271 197 74	86	841	387 5	122 50 72	
				152				156	
3	236	088	537 5	276 196 80	85	248	386 5	124 46 78	π = MALDONADO
				232				234	
4	254	452	555 5	297 211 86	75	572	376 5	118 32 86	
				318				320	
5	240	260	541 5	286 194 92	81	330	382 5	126 36 90	
				410				410	
6	136	851	437 5	150 122 28	156	220	457 5	170 142 28	
				438				438	
B.M. 109-19B								438	B.M. 109-19B (LACRD BL 1128)
	1301	526			561	981		876	165TH ST.E. 0.5 MI. S. OF AVE. S.
	561	981							SEE F.B. 3715-259
	+739	545							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 58°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 1-6-72

INDEXED C. J. GALLI DATE JAN 26 72

WEATHER CALM CLEAR INST. NO. 96716

TIME 2:00 TO 2:25 ROD NO. 1713 AB

NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 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.

F.B. 2844 PG. 142

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-11-72

INDEXED C. J. GALLI DATE

JOB NO 0301.02

T = 50°

WEATHER SUNNY, CLEAR INST. NO 96716

TIME 11:25 TO 11:50 ROD NO 71348

NOTES CHKD. BLANCHARD DATE MY 31 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 109-19B TO B.M. 109-18A
B.M. 109-19B													B.M. 109-19B (LACRD BL 1128)
1	58	750	359	5	499 258	82	238	017	539	5	276 200	76	165TH ST. E. 0.5 MI. S. OF AVE. S.
													SEE F.B. 3715-259
2	91	658	392	5	130 52	78	248	823	549	5	290 206	84	
						160						160	
3	91	072	392	5	130 52	78	243	880	544	5	280 206	74	T = MALDONADO
						238						234	
4	92	562	393	5	131 53	78	249	922	550	5	288 210	78	
						316						~~56~~	
5	91	588	392	5	128 54	74	240	027	541	5	279 201	312 78	
						390						390	
6	157	677	458	5	162 152	10	102	537	403	5	107 97	10	
						400						400	
B.M. 109-18A												400	B.M. 109-18A (L.A.C.R.D. BL 1127)
	583	307					323	206				800	165TH ST. E. & AVE. S. S.E. COR.
							583	307					SEE F.B. 3715-253A
							739	899					

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. 109-18A TO B.M. 109-19B
M.109-18A									B.M. 109-18A (L.A.C.R.D. BL 1127)
1	201	417	502 5	240 162 78	76	492	377 5	115 37 78	165TH ST. E. & AVE. S. S.E. COR.
									SEE F.B. 3715-253A
2	234	949	535 5	275 193 82	71	161	372 5	111 31 80	
				160				158	
3	235	860	536 5	275 195 80	78	908	379 5	118 38 80	
				240				238	π = MALDONADO
4	238	581	539 5	277 199 78	76	407	377 5	115 37 78	
				318				316	RERUN
5	199	072	500 5	230 168 62	67	275	368 5	99 35 64	
				380				380	
M.109-19B								380	B.M. 109-19B (L.A.C.R.D. BL 1128)
	1109	879			370	243		760	165TH ST. E. & 0.5 MI. S. OF AVE. S.
	370	243							SEE F.B. 3715-259
	+739	636							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=72°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 1-18-72

INDEXED C. J. GALLI DATE JAN 26 72

WEATHER HAZY SUN INST. NO 9671A

TIME 1:15 TO 1:35 ROD NO 1713A

NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 PG 143

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. 109-19B TO B.M. 109-18A
B.M. 109-19B													B.M. 109-19B (L.A.C.R.D. BL 1128)
1	48	466	349	5	92 48	88	233	411	534	5	278 188	90	165TH ST. E. & 0.5 MI. S. OF AVE. S.
													SEE F.B. 3715-259
2	72	040	373	5	112 32	80	232	160	533	5	272 192	80	
						168						170	
3	69	453	370	5	110 28	82	232	140	533	5	272 192	80	π = MALDONADO
						250						250	
4	84	440	385	5	120 48	72	230	764	531	5	264 196	68	RERUN
						322						318	
5	99	426	400	5	129 69	60	185	107	486	5	217 153	64	
						382						382	
B.M. 109-18A												382	B.M. 109-18A (L.A.C.R.D. BL. 1127)
	373	825					1113	582				764	165TH ST. E. & AVE. S. S.E. COR.
							373	825					SEE F.B. 3715-253A
							-739	757					

F.B. 2844 PG. 144

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-18-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 96716

TIME 1:35 TO 1:55 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE JAN 31 72

T = 74°

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. 109-19B TO B.M. 109-19
B.M. 109-19B													B.M. 109-19B (LACRD BL 1128)
													165TH ST. E. & 0.5 MI. S. OF AVE. S
1	180	638	481	5	190 170	20	118	956	419	5	128 108	20	SEE F.B. 3715-259
													~~π = MALDONADO~~
	118	956										20	
B.M. 109-19	+61	682										40	B.M. 109-19 (
													165TH ST. 0.5 MI. S. OF AVE. S
													SEE F.B. 2844-25

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=58°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 1-6-72
INDEXED C. J. GAIL DATE JAN 26 72
WEATHER CALM CLEAR INST. NO 96716
TIME 2:25 TO 2:30 ROD NO 1713AB
NOTES CHKD BLANCHARD DATE JAN 31 72
F.B. 2844 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						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 109-19 TO B.M. 109-19B
B.M. 109-19													B.M. 109-19 (LACRD BL 2746)
													165TH ST. E. & 0.5 MI. S. OF AVE. S
1	120	228	421	5	130 110	20	181	918	482	5	191 171	20	SEE F.B. 2844-25
													~~π MALDONADO~~
							120	228				20	
B.M. 109-19B						-	61	690				40	B.M. 109-19B (LACRD BL 1128)
													165TH ST. E 0.5 MI. S. OF AVE S.
													SEE F.B. 3715-259

T = 50°

WEATHER SUNNY, CLEAR ANST. NO. 86716

TIME H: 20 TO 11:25 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 146 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-11-72

INDEXED C. J. GALLI 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						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 109-19 TO B.M. 109-19A
M.109-19													B.M. 109-19 (LACRD BL 2746
													165TH ST. E. 0.5 MI. S. OF AVE. S.
1	202	302	503	5	230 174	56	110	772	411	5	138 82	56	SEE F.B. 2844-25
													~~π = MALDONADO~~
	110	772										56	
M.109-19A	+91	530										112	B.M. 109-19A (
													165TH ST. E. 0.5 M. S. OF AVE. S
													SEE F.B. 2844-25

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=58°

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

NOTES BY SIEMANN DATE 1-6-72 TIME 2:30 TO 2:35 ROD NO 1713 AB

INDEXED C. J. GALLI DATE JAN 26 72 NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 149

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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. 109-19A TO B.M. 109-19
B.M. 109-19A													B.M. 109-19A (LACRD. B.L. 1129)
													165TH ST. E. 0.5 MI. S. OF AVE S.
1	115	199	416	5	144 86	58	206	730	507	5	235 177	58	SEE F.B. 2844-25
													~~π = MALDONADO~~
							115	199				58	
B.M. 109-19						-	91	531				116	B.M. 109-19 (LACRD BL 2746)
													165TH ST. E. 0.5 MI. S. OF AVE S.
													SEE F.B. 2844-25

T = 50°

WEATHER SUNNY, CLEAR INST. NO. 9676

TIME 11:15 TO 11:20 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE JAN 31 '72

F.B. 2844 PG. 148

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-11-72

INDEXED C. J. GALLI 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.109-19A TO B.M.109-20
B.M.109-19A									B.M.109-19A (LACRD BL 1129)
1	223	330	524 5	268 178 90	58	707	359 5	103 13 90	165TH ST.E. 0.5 MI. S. OF AVE. S.
									SEE F.B. 2844-24
2	255	774	556 5	301 209 92	60	800	361 5	106 14 92	
				182				182	
3	245	751	546 5	288 202 86	52	598	353 5	96 8 88	T = MALDONADO
				268				270	
4	259	303	560 5	299 219 80	75	221	376 5	115 35 80	
				348				350	
5	165	353	466 5	172 158 14	94	413	395 5	161 87 14	
				362				364	
B.M.109-20								362	B.M.109-20 (LACRD BL 2745)
	1149	571			341	739		726	165TH ST.E. & AVE T. N.E. COR.
	341	739							SEE F.B. 2844-26
	807	772							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T: 52°

SURVEY BY G.E. DREIER WEATHER CLOUDY INST. NO. 9C716

NOTES BY SIEMANN DATE 1-7-72 TIME 10:30 TO 10:50 ROD NO. 1713AB

INDEXED C. J. GALLI DATE JAN 26 72 NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 149

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. 109-20 TO B.M. 109-19A
B.M. 109-20													B.M. 109-20 (LACRD. BL 2745)
1	34	438	335	5	½ 72 34	76	210	532	511	5	248 172	76	165TH ST. E. & AVE. T. N.E. COR.
													SEE F.B. 2844-26
2	22	689	323	5	½ 63 22	82	258	900	559	5	298 218	80	
						158						156	
3	75	069	376	5	118 32	86	253	982	554	5	297 209	88	
						244						244	π = MALDONADO
4	79	601	380	5	120 38	82	254	581	555	5	293 215	78	
						326						322	
5	125	909	426	5	144 106	38	167	277	468	5	188 146	42	
						364						364	
B.M. 109-19A												364	B.M. 109-19A (LACRD BL 1129)
	337	706					1145	272				728	165TH ST. E. 0.5 MI. S. OF AVE. S.
							337	706					SEE F.B. 2844-25
							807	566					

T = 50°

WEATHER SUNNY, CLEAR INST. NO 96716

TIME 10:55 TO 11:10 ROD NO 1713A

NOTES CHKD BLANCHARD DATE 3-1-72

JOB NO. 0301.02

SURVEY OF L.A.C.D. ~~LS~~ PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-11-72

INDEXED C. J. GALLI DATE

F.B. 2844 PG. 150

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. 109-20 TO B.M. 109-20A
B.M. 109-20													B.M. 109-20 (LACRD. BL2745)
1	142	619	443	5	147 137	10	124	660	425	5	129 119	10	165TH ST. E. & AVE. T. N.E. COR.
													SEE F.B. 2844-26
	124	660										10	~~X = MALDONADO~~
	+19	959										20	
B.M. 109-20A													B.M. 109-20A (U.S. 1955)
													165TH ST. & AVE T. N.E. COR.
													SEE F.B. 2844-26

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-52°

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

NOTES BY SIEMANN DATE 1-7-72 TIME 10:50 TO 10:55 ROD NO. 17134

INDEXED C. J. GALLI DATE JAN 26 72 NOTES CHKD. BLANCHARD DATE JAN 31 72

F.B. 2844 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 109-20A TO B.M. 109-20
BM. 109-20A													B.M. 109-20A (US 1955)
													165TH ST. E. & AVE. T. N.E. COR.
1	122	966	423	5	127 117	10	140	940	441	5	145 135	10	SEE F.B. 2844-26
													π = MALDONADO
							122	966				10	
B.M. 109-20							17	974				20	B.M. 109-20 (LACRD BL 2745)
													165TH ST. E & AVE. T.
													SEE F.B. 2844-26

T = 50°

WEATHER SUNNY, CLEAR INST. NO 96716

TIME 10:45 TO 10:50 ROD NO 17 BAR

NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 PG. 152 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-11-72

INDEXED C. J. GALLI 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. 109-20A TO B.M. 109-21B
B.M. 109-20A									B.M. 109-20A (US 1955)
1	211	231	512 5	256 166 90	37	749	338 5	183 37 92	165TH ST. E. & AVE. T. N.E. COR.
									SEE F.B. 2844-26
2	300	160	601 5	300 254 92	32	511	333 5	82 32 100	
				182				192	
3	255	621	556 5	296 214 82	55	356	356 5	72 18 74	π = MALDONADO
				264				266	
4	285	028	586 5	285 244 82	31	911	332 5	73 31 84	
				346				350	
~~109-5~~ 21B	183	331	484 5	195 171 24	99	206	400 5	109 89 20	
				370				370	
B.M. 109-21B								370	B.M. 109-21B (BL 1132)
	1235	371			256	733		740	165TH ST. E. & AVE. T-8
	256	733							SEE F.B. 3715-269
+	978	638							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=52°

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

NOTES BY SOEMANN DATE 1-7-72 TIME 11:00 TO 11:25 ROD NO 1713AB

INDEXED C. J. GALLI DATE JAN 26 72 NOTES CHKD BLANCHARD DATE JAN 31 72

F.B. 2844 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. 2844 PG. 154 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-11-72

INDEXED C. J. GALLI DATE

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 10:35 TO ROD NO. 17B4

NOTES CHKD. BLANCHARD DATE JAN 31 '72

T = 48°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 109-21B TO B.M. 109-20A
B.M. 109-21B											B.M. 109-21B (LACRD BL 1132)
1	43	792	344	5	L 77 43 68	247	382	548	5	281 213 68	165TH ST. E. & AVE. T-8 N.E. COR.
											SEE F.B. 3715-269
2	6	842	307	5	L 49 6 86 154	269	012	570	5	269 226 86 154	
3	62	162	363	5	202 18 88 242	259	712	560	5	301 217 84 238	
4	26	033	327	5	68 26 84 326	293	039	594	5	293 251 84 322	T = MALDONADO
5	119	888	420	5	140 98 42 368	168	393	469	5	191 145 46 368	
B.M. 109-20A										368 736	B.M. 109-20A (US 1955)
	258	717				237	538				165TH ST. & AVE. T. N.E. COR.
						258	717				SEE F.B. 2844-26
						978	821				

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 109-21B TO B.M. 109-21
B.M.109-21B													B.M. 109-21B (LACRD. BL 1132
													165TH ST. E. & AVE. T-8 N.E.
1	170	352	471	5	~~182~~ 158	24	69	960	370	5	~~82~~ 56	26	SEE F.B. 3715-269
													~~X = MALDONADO~~
	69	960	✓									24 ✓	
B.M.109-21H	100	392										50	B.M. 109-21 (LACRD BL 2744)
													165TH ST. E. & AVE. T-8 N.W.
													SEE 2844-27

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

SURVEY BY G.E. DEELER

NOTES BY SIEMANN DATE 1-7-72 TIME 11:30 TO 11:35 WEATHER CLOUDY INST. NO 96716

INDEXED G.J. GALLI DATE JAN 26 72 NOTES CHKD BLANCHARD DATE JAN 31 72 ROD NO 17048

T = 52°

F.B. 2844 PG. 155

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. 109-21 TO B.M. 109-21B
B.M. 109-21													B.M. 109-21 (L.A.C.RD. BL 2744)
													165TH ST. E. & AVE. T-8. N.W. COR.
1	75	361	376	5	88 62	26	175	783	476	5	188 162	26	SEE F.B. 2844-27
													~~T = MALDONADO~~
							75	361				26	
B.M. 109-21B							100	422				52	B.M. 109-21B (L.A.C.RD. BL 1132)
													165TH ST. E. & AVE. T-8 N.E. COR.
													SEE F.B. 3715-269

T2 48°

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 10:30 TO 10:35 ROD NO. 1713 A&B

NOTES CHKD BLANCHARD DATE 11-11-72

F.B. 2844 PG. 156 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-11-72

INDEXED C. J. GALLI DATE

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T=52°

F.B. 2844 PG. 157

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

NOTES BY SIEMANN DATE 1-7-72 TIME 11:35 TO 11:40 ROD NO. 17BAB

INDEXED C. J. GALLT DATE JAN 26 '72 NOTES CHKD. BLANCHARD DATE 31 '72

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. 109-21 TO B.M. 109-21A
B.M. 109-21									B.M. 109-21 (LACRD BL 2744)
									165TH ST. E. & AVE. T-8 N.W.
1	207	902	508	234 180 54	66	770	367 5	73 39 54	SEE F.B. 2844-27
									~~T=MALDONADO~~
	66	770						54	
B.M. 109-21A	141	132						108	B.M. 109-21A (LACRD BL 1133)
+	141	132							165TH ST. E. & AVE. T-8 S.E. COR.
									SEE F.B. 2844-27

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.109-21A TO B.M.109-21
B.M.109-21A													B.M.109-21A (LACRD BL 1133)
													165TH ST. E. & AVE. T-8 S.E. COR
1	63	802	364	5	89 37	52	204	882	505	5	230 178	52	SEE F.B. 2844-27
													~~A = MALDONADO~~
							63	802				52	
B.M.109-21						—	141	080				104	B.M.109-21 (LACRD BL 2744)
													165TH ST. E. & AVE. T-8 N.W. COR
													SEE F.B. 2844-27

T = 48°

WEATHER SUNNY, CLEAR INST. NO 26716

TIME 10:20 TO 10:30 ROD NO 1713A

NOTES CHKD BLANCHARD DATE 31 72

F.B. 2844 PG. 158

JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-11-72

INDEXED C. J. GALLI 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. 109-21A TO B.M. 109-22A
B.M. 109-21A									B.M. 109-21A (LACRD BL 1133)
1	253	823	554 5	289 217 72	53	032	354 5	95 11 84	165TH ST. E. & AVE. T-8 S.E. COR.
									SEE F.B. 2844-27
2	268	388	569 5	308 230 78	72	744	373 5	104 40 64	
				150				148	
3	283	653	584 5	283 244 78	15	044	316 5	154 15 78	π = MALDONADO
				228				226	
4	297	951	598 5	297 276 42	49	977	350 5	71 27 44	
				270				270	
5	258	634	559 5	292 224 68	96	589	397 5	128 64 64	
				338				334	
B.M. 109-22A								338	B.M. 109-22A (LACRD BL 1134)
	362	449			287	386		672	165TH ST. E. 1.5 MI. N. OF PEARBLOSSOM HWY
	287	386							SEE F.B. 3715-271A
+	1075	063							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=52°

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

NOTES BY SIEMANN DATE 1-7-72 TIME 11:40 TO 12:00 ROD NO 17134B

INDEXED C. J. GALLI DATE JAN 26 72 NOTES CHKD BLANCHARD DATE JAN 31

F.B. 2844 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. 2844 PG. 160

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREELEE NOTES SIEMANN 1-10-72

INDEXED C. J. GALLI DATE

JOB NO. 8301.02

T=64°

WEATHER HAZY, SUNNY INST. NO. 96716

TIME 2:10 TO 2:30 ROD NO. 7134

NOTES CHKD. BLANCHARD DATE JAN 31 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 109-22A TO B.M. 109-21A
B.M. 109-22A													B.M. 109-22A (L.A.C.R.D. BL 1134)
1	84	883	385	5	118 50	68	261	498	562	5	294 228	66	165TH ST. E. & 1.5 MI. N. OF PEARBLOSSOM HWY
													SEE F.B. 3715-271A
2	14	328	315	5	144 14	60	301	097	602	5	301 273	56	
						128						122	
3	36	379	337	5	66 6	60	246	862	547	5	275 217	58	T = MALDONADO
					111	188						180	
4	80	374	381	5	49	62	257	952	558	5	292 222	70	
						250						250	
5	57	440	358	5	73 21	72	271	412	572	5	306 235	71	
						322						321	
6	116	091	417	5	121 111	10	125	587	426	5	131 120	11	
						332						332	
B.M. 109-21A												332	B.M. 109-21A (L.A.C.R.D. BL 1133)
	389	495					1464	408				664	165TH ST. E. & AVE. T-8 S.E. COR.
							389	495					SEE F.B. 2844-27
							~~853~~	~~903~~					
							1074	913					

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 BM10922A TO BM 109-~~23A~~ 22
BM 109-22A					~~280~~			~~163~~			~~56~~		BM 109-22-A
1	255	520	556	5	230	50	31	~~147~~	332	5	6	50	165th St. E. & 1.5 mi. N. of Pear-
	31	163										50	blossom Hwy.
	+224	357										100	See F.B. 3715-271A
~~22~~ M109-~~23A~~													
													π-Siemann
													BM 109-~~23A~~ 22
													165th St. E. & 1.5 mi. N. of Pearblossom Hwy.
													See F.B. 2844-29

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-52°

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 1-7-12

INDEXED G. J. GALLI DATE JAN 26 '72

WEATHER Overcast

TIME 1:10 to 1:15

NOTES CHKD BLANCHARD DATE JAN 31 '72

INST. NO. 96716

ROD NO. 95896

F.B. 2844 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						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM109-22 TO BM109-22A
BM109-22					54						279		BM109-22
1	29	699	330	5	4	50	254	120	555	5	229	50	165th St. E. & 1.5 mi. N. of
							29	699				50	Pearblossom Hwy
							224	421				100	See F.B. 2844-29
													T-Siemann
BM109-22A													BM109-22A

T-640

WEATHER Sunny & Calm INST. NO. 9671A

TIME 1:45 to 2:05 ROD NO. 713A

NOTES CHKD BLANCHARD DATE JAN 31 '72

F.B. 2844 PG. 162 JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 1-X10-71

INDEXED C. J. GALLI 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 BM 109-~~23A~~ 22 TO BM 109-23A
BM109-~~23A~~ 22					302						86		BM 109-~~23A~~ 22
1	259	170	560	5	216	86	43	299	344	5	0	86	165th St. E & 1.5 mi. N. of Pear-
					298 1/2						77		blossom Hwy & ~~Trans~~ Mtr. Tower
2	298	941	599	5	261	74	42	308	343	5	7	70	See F.B. 2844-29
					306	160					96	156	
3	281	009	582	5	256	150	71	170	372	5	46	50	⊼-Siemann
					305	210					113	206	
4	278	300	579	5	251	54	86	210	387	5	59	54	
~~5~~	~~281~~	~~942~~	~~582~~	~~5~~	309	264	~~51~~	~~620~~	~~352~~	~~5~~	81	260	
					253	56					21	60	
						320						320	BM109-23A (6 A.C.R.D. BM 1460)
												320	165 St. E & 1.00 mi. N. of Pear blossom
M109-23A	1399	362					294	607				640	See F.B. 2844-29 Hwy.
	294	607											
	1104	753											

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-52°

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 1-7-72

INDEXED C. J. GALLI DATE JAN 26 72

WEATHER overcast

TIME 1:20 to 1:40

NOTES CHKD. BLANCHARD DATE JAN 31 72

INST. NO. 896716

ROD NO. 95 & 9

F.B. 2844 PG. 163

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 BM109-22 TO BM109-23A
BM109-22					65 1/2						276 1/2		BM109-22
1	32	301	333	5	32	66	276	183	577	5	243	66	165th St. E. 1.5 mi. N. of Pear-
					76						287 1/2		blossom Hwy.
2	44	375	345	5	12	64	287	169	588	5	255	64	See F.B. 2844-29
					42 1/2	130					293 1/2	130	
3	8	180	309	5	8	68	293	582	594	5	258	70	π-Siemann
					77	198					292	200	
4	43	752	344	5	9	68	259	111	560	5	226	66	
					122	266					239	266	
5	95	323	396	5	68	54	212	440	513	5	185	54	
						320						320	
												320	BM109-23A (L.A.C.R.D. BM 1960)
	223	931					1328	485				640	165th St. E. & 1.0 mi. N. of
BM109-23A							223	931					Pearblossom Hwy.
							1104	554					See F.B. 2844-29

F.B. 2844 PG. 164

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 1-10-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 9671

TIME 1:45 to 2:05 ROD NO. 37

NOTES CHKD BLANCHARD DATE JAN 31 72

T=64°

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 BM 109-23A TO BM 109-23
BM 109-23A					278						38 1/2		109-23A (L.A.C.R.D. BM 1960)
1	278	767	579	5	247 1/2	62	7	661	308	5	7 1/2	62	165th St. E. & 1.0 mi. N. of Pear-
	7	661										62	blossom Hwy.
	271	106											See F.B. 2844-29
												124	
BM 109-23													BM 109-23
													165th St. E. & 1.0 mi. N. of Pearblossom
													See F.B. 2844-29 Hwy.

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 1-7-72

INDEXED C. J. GALLI DATE JAN 26 72

WEATHER Overcast INST. NO. 9671

TIME 1:40 to 1:45 ROD NO. 95296

NOTES CHKD BLANCHARD DATE JAN 31

T-54°

F.B. 2844 PG. 165

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 109-23 TO BM 109-23A
BM 109-23					40 1/2						280 1/2		BM 109-23
1	9	013	310	5	9 1/2	62	280	159	581	5	249 1/2	62	165th St. E. & 1.0 mi. N. of Pear
							9	013				62	blossom Hwy.
							271	146				174	See F.B. 2844-29
													T. Siemann
													BM 109-23A (L.A.C.R.D. BM 196
BM 109-23A													165th St. E. & 1.0 mi. N. of Pear
													blossom Hwy.
													See F.B. 2844-29

F.B. 2864 PG. 166 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 1-10-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & TIME 1:40 to 1:45 NOTES CHKD BLANCHARD

INST. NO. 96716 ROD NO. 1713A-2 DATE JAN 31 72

T-64°

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	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
RPT													FROM BM 109-23 TO BM 109-24A
BM 109-23					306						62 1/2		BM 109-23
1	266	988	567	5	226	80	22	530	323	5	22	80	165th St. E. & 1.0 mi. N. of Pearblossom
					281 1/2						56 1/2		See F.B. 2844-29 Hwy.
2	281	340	582	5	247	68	23	950	324	5	23	66	
					290 1/2	148					96	146	
3	290	001	591	5	263	54	69	800	370	5	42	54	π-Siemann
					287 1/2	202					69	200	
4	287	345	588	5	258	58	40	110	341	5	11	58	
					295 1/2	260					60	258	
5	295	256	596	5	266	58	31	635	332	5	2	58	
					301 1/2	318					79	316	
6	301	899	602	5	270	62	47	747	348	5	15	64	
					153	380					136	380	
7	151	299	452	5	149	4	134	811	435	5	132	4	
						384						384	
												384	
	1874	128					370	583				768	BM 109-24A (L.A.C.R.D. BM 1960)
BM 109-24A	370	583											165th St. E. & 0.5 mi. N. of Pearblossom
+	1503	545											See F.B. 3715-279 Hwy.

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

SURVEY BY G. E. Dreier DATE 1-7-72 WEATHER Overcast INST. NO. 96744

NOTES BY Maldonado TIME 1:55 to 2:25 ROD NO. [illegible]

INDEXED C. J. GAIL DATE JAN 26 72 NOTES CHKD BLANCHARD DATE JAN 31 72

T-54

F.B. 2844 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 BM 109-24A TO BM 109-23
BM 109-24A		23							BM 109-24A (L.A.C.R.D. B.M. 1960)
1	55	669	356 5	84 1/2 55 58	301	002	602 5	301 1/2 272 58	165th St. E. & 0.5 mi. N. of Pearblossom Hwy
									See F.B. 3715-279
2	26	759	327 5	56 1/2 26 60	293	500	594 5	293 1/2 263 60	
				53 1/2 118				304 118	
3	23	109	324 5	23 60	274	263	575 5	244 60	X-Siemann
				68 178				178	
4	38	800	339 5	8 60	301	161	602 5	301 1/2 272 58	
				70 238				236	
5	41	800	342 5	12 58	260	899	561 5	290 230 60	
				82 296				304 296	
6	52	008	353 5	22 60	275	456	576 5	246 58	
				128 356				165 354	
	115	590	416 5	102 26	151	169	452 5	137 28	
				382				382	
								382	
	353	735			1857	450		764	
					353	735			BM 109-23
					1503	715			165th St. E. & 1.0 mi N. of Pear-
BM. 109-23									blossom Hwy.
									See F.B 2844-29

T-64°

WEATHER Sunny & Calm INST. NO. 9671

TIME 1:10 to 1:40 ROD NO. 713A-

NOTES CHKD BLANCHARD DATE JAN 31 72

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 1-10-72

INDEXED C. J. GALLI DATE

F.B. 2844 PG. 168

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 BM 109-24A TO BM 109-24
BM 109-24A													BM 109-24A (L.A.C.R.D. BM 1960)
1	300	014	601	5	½ 300 ½ 267	66	6	070	307	5	½ 39 ½ 6	66	165th St. E. & 0.5 mi. N. of
													Pearblossom Hwy.
2	171	913	422	5	126 166	10	53	301	354	5	58 88	10	See F.B. 3715-279
	471	927				76	59	371				76	
	59	371										76	~~T. Stemmann~~ J. MALDONADO
												152	
BM 109-24	+442	556											BM 109-24
													165th St. E. & 0.5 mi. N. of Pearblossom Hwy
													See F.B. 2844-30

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 7-68

SURVEY BY G.E. Dreier to 1-7-72

NOTES BY Maldonado DATE 1-7-72

INDEXED G. J. GALLI DATE JAN 26 72

NOTES CHKD DATE JAN 31 72

WEATHER Clear-Cool TIME 10:30 - 1:00 PM

INST. NO. 26714 ROD NO. 77-3249

F.B. 2844 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						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 109-24A TO BM 109-24A
BM. 109-24													BM. 109-24
1	26	452	327	5	45 7	38	257	739	558	5	225 239	36	165TH. ST. E & 0.5 MI. N. PEARBLOSSM HWY
													SEE F.B. 2844-30
2	68	312	369	5	88 88	40	249	629	550	5	269 229	40	
						78						76	
												78	J. MALDONADO
	94	764					507	368				154	
BM. 109-24A							94	764					BM. 109-24A
							412	604					165TH. ST. E & 0.5 MI. N. PEARBLOSSM HWY
													SEE F.B.

F.B. 2844 PG. 170 JOB NO. 030102

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

SURVEY BY G.E. DREHER NOTES T. OHASHI 1-10-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR-CALM INST. NO. 96716

TIME 11:50-12:05 ROD NO. 1713A&B

NOTES CHKD F. BLANCHA DATE JAN 31 72

T = 70°

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. DREUER

NOTES BY T. DUGGSH

DATE 1-10-72

INDEXED G.J. GALLI

DATE JAN 26 72

NOTES CHK BLANCHARD

DATE JAN 31 72

WEATHER CLEAR-CALM

TIME 10:40 - 11:15

INST. NO. 96766

ROD NO. 7143 & 41

TC 64°

F.B. 2844 PG. 171

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 109-24 TO B.M. ~~109~~ 106-37
BM. 109-24													B.M. 109-24
1.	259	299	560	5	293 / 225	68	31	473	332	5	64 / 2	68	165TH ST. E. & 0.5 MI. N. PEARBLOSSOM HWY.
													SEE F.B. 2844-30
2.	301	790	602	5	½ 301 / 244	54	15	438	316	5	½ 44 / 15	58	
						122						126	
3.	293	611	594	5	½ 293 / 266	54	33	849	334	5	58 / 8	50	J. MALDONADO
						176						176	
4.	290	891	591	5	½ 290 / 262	56	50	263	351	5	78 / 22	56	
						232						232	
5.	264	300	565	5	294 / 234	60	33	608	334	5	63 / 5	58	
						292						290	
6.	285	947	586	5	½ 285 / 262	46	13	887	314	5	½ 37 / 13	48	
						338						338	
7.	288	090	589	5	½ 288 / 266	44	57	209	358	5	79 / 36	42	
						382						380	
8.	211	458	512		213 / 249	4	155	545	456	5	157 / 153	4	
						386						384	B.M. 106-37
B.M. 106-37												386	165TH ST. E. & PEARBLOSSOM HWY. S.E. COR.
	2195386						391272					770	SEE F.B. 2418-44
	-391272												
	+1804114												

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. 106-37 TO B.M. 109-24
B.M. 106-37													BM. 106-37
1.	35	658	336	5	50 20	30	262	379	563	5	227 247	30	165TH ST. E. & PEARBLOSSM Hwy S.E. Co
													SEE F.B. 2418-44
2.	15	525	316	5	½ 41 15	52	299	719	600	5	½ 299 272	54	
		492				82						84	
3.	29	~~492~~	330	5	54 4	50	253	300	554	5	278 228	50	⊼ J. MALDONADO
						132						134	
4.	61	407	362	5	89 33	56	285	419	586	5	285 256	58	
						188						192	
5.	17	550	318	5	½ 47 17	60	282	470	583	5	282 254	56	
						248						248	
6	7	929	308	5	½ 37 7	60	300	101	601	5	½ 300 272	56	
						308						304	
7	21	937	322	5	½ 52 21	62	286	340	587	5	½ 286 255	62	
						370						366	
8	126	801	427	5	133 119	14	150	~~756~~ 766	451	5	159 141	18	
						384						384	
												384	
BM 109-24	316	299					2120	494				768	B.M. 109-24
							316	299					156TH ST. E. 0.5 MI. N. PEARBLOSSM. Hwy.
													SEE F.B. 2844-30
							1804	195					

F.B. 2844 PG. 172

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES 1-10-72 T. OKASHI

INDEXED C. J. GALLI DATE

WEATHER CLEAR - CALM INST. NO. 96716

TIME 11:25 - 11:50 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE 31 7

T = 64°

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. 106-37 TO BM. 106-37A
B.M. 106-37													B.M. 106-37
1	143	024	444	5	146 140	6	109	542	410	5	113 105	8	165TH ST. E. & PEARBLOSSM HWY. S.E. COR
	109	542										6	SEE F.B. 2418-44
												14	
	+33	482											
													T J. MALDONADO
B.M. 106-37A													
													B.M. 106-37A
													165TH ST. E. & PEARBLOSSM HWY. S.E. COR.
													SEE F.B. 3714-103

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=60°
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 1-10-72
INDEXED C. J. GALLI DATE JAN 26 72
WEATHER CLEAR-COLM INST. NO. 96716
TIME 11:15 - 11:20 ROD NO. 1713A & B
NOTES CHKD BLANCHARD DATE JAN 31 72
F.B. 2844 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 106-37A TO B.M. 106-37
B.M. 106-37A													B.M. 106-37A
1	113	220	414	5	117 / 109	8	146	709	447	5	149 / 143	6	156TH. ST. E. & PEARBLOSSM HWY S.E.C.
							113	220				8	SEE F.B. 3714-103
							-33	489				14	
													⊼ J. MALDONADO
B.M. 106-37													
													BM. 106-37
													156TH ST. E. & PEARBLOSSM HWY. S.E. COR.
													SEE. F.B. ~~3714~~ 2418-44

F.B. 2844 PG. 174

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. CHASH 1-10-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR - CALM. INST. NO. 96716

TIME 11:20 - 11:25 ROD NO. 1713A-E

NOTES CHKD BLANCHARD DATE 11 72

T-64

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. 106-37 TO B.M. 106-38
B.M. 106-37									B.M. 106-37 (U.S.G.S. L.S. 21)
1	136	025	437 5	170 102 68	94	150	395 5	130 58 72	PEARBLOSSOM HWY & 165TH ST. E.
									SEE F.B. 2418-44
2	195	495	496 5	239 151 88	133	416	434 5	175 91 84	
				156				156	
3	188	922	489 5	226 150 76	65	113	366 5	103 27 76	π = DREIER
				232				232	
4	214	588	515 5	258 170 88	38	958	339 5	182 38 88	
				320				320	
5	205	461	506 5	234 176 58	121	273	422 5	149 93 56	
				378				376	
B.M. 106-38								378	B.M. 106-38 (LACRD. BL 956)
	940	491			452	910		754	HWY. 138 0.5 MI. E. OF 165TH ST. E.
	452	910							SEE F.B. 2418-45
+	487	581							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 72°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 1-18-72

INDEXED C. J. GALLI DATE JAN 26 '72

WEATHER HAZY SUN

TIME 2:10 TO 2:20

NOTES CHKD BLANCHARD DATE

INST. NO 96716

ROD NO 1713AB

F.B. 2844 PG. 175

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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. 106-38 TO B.M. 106-37
B.M. 106-38									B.M. 106-38 (L.A.C.R.D BL 956)
1	111	110	412 5	147 75 72	251	614	552 5	292 210 82	HWY. #138 0.5 MI. E. OF 165TH ST. E.
									SEE F.B. 2418-45
2	61	590	362 5	101 21 80	222	910	523 5	262 182 80	
				152				162	
3	71	154	372 5	106 36 70	163	348	464 5	196 130 66	
				222				228	T = DREIER
4	144	561	445 5	185 103 82	199	693	500 5	237 161 76	
				304				304	
5	85	080	386 5	121 49 72	123	616	424 5	159 87 72	
				376				376	
B.M. 106-37								376	B.M. 106-37 (U.S.G.S. L.S. 21)
	473	495			961	181		752	HWY. # 138 & 165TH ST. E.
					473	495			SEE F.B. 2418-44
				-	487	686			

T = 72°

WEATHER HAZY SUN INST. NO. 96716

TIME 2:25 TO 2:40 ROD NO. 17BAL

NOTES CHKD BLANCHARD DATE

F.B. 2844 PG. 176 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 1-18-72

INDEXED C. J. GALLI DATE