Notes Ck'd by	Survey of 4.A.Co Precise Levelue F. B. 2842 Pg.
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

BOOK INDEX

F.B. 2842 - PAGE

LINE NO. 108,	1961 DESCRIPTIONS,	5 TO 22
LINE NO. 108	1971 RELEVELING	23 TO 84
LINE NO. 116	1961 DESCRIPTIONS	85 TO 94
LINE NO 116	1972 RELEVELING	95 TO 124
LINE NO. 115	1961 DESCRIPTIONS	165 TO 180
LINE NO. 114	1961 DESCRIPTIONS	201 TO 210
" " "	1972 RELEVELING	211 TO 262

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76F3095 CE#310 3-68

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Checked	Notes Date MAR '61
Date	Indexed H. E. OTT MAY 1 5 '61

F. B. 2802 PG. 5

A. CO. PRECISE LEVEL NET

JN 0301.02

LINE 108

COMMENCING AT LINE 106 @ PALMDALE BLVD & 40TH ST. E., THEN PROCEEDING NORTH ALONG 40TH ST. E TO AVE "N"; THEN EAST ALONG AVE "N" TO 90TH ST. E. & TIE IN ON LINE 107

GUIZADO	AC
GOBLE	AL
COOK	GE
ALWIN	AL
GLIDDEN	RD
OHASHI	T.

ALSO SEE F.B. 3716 - 209 TO 250

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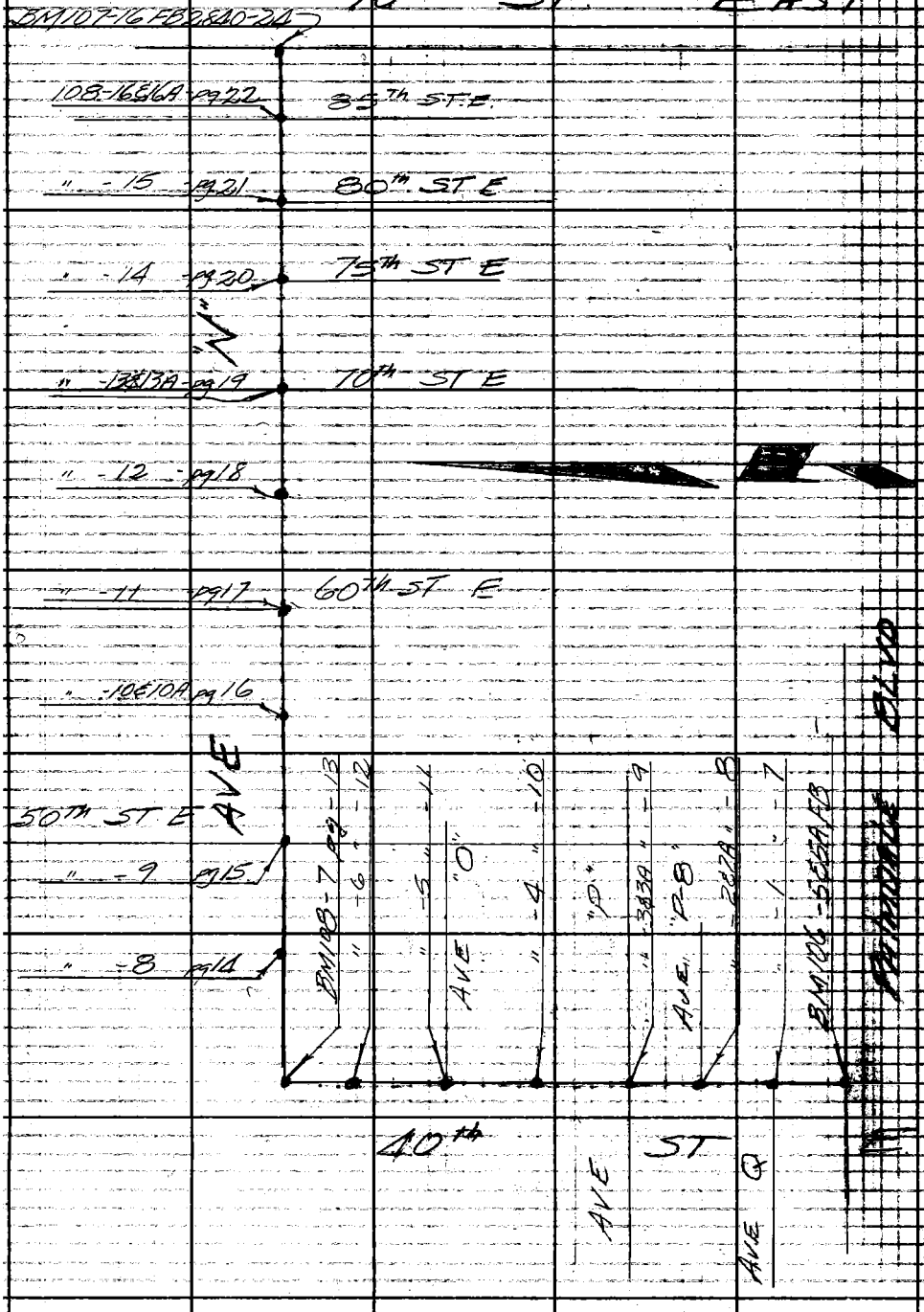
76F309S S&E #247 11-58

F.B. 2842 PG 6

INDEX



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Surveyed by A.C GUIZADO
Notes ACG Date 3/3/61
Indexed H.E.ON

F. B. 3842 Pg. 7

BM 108-1

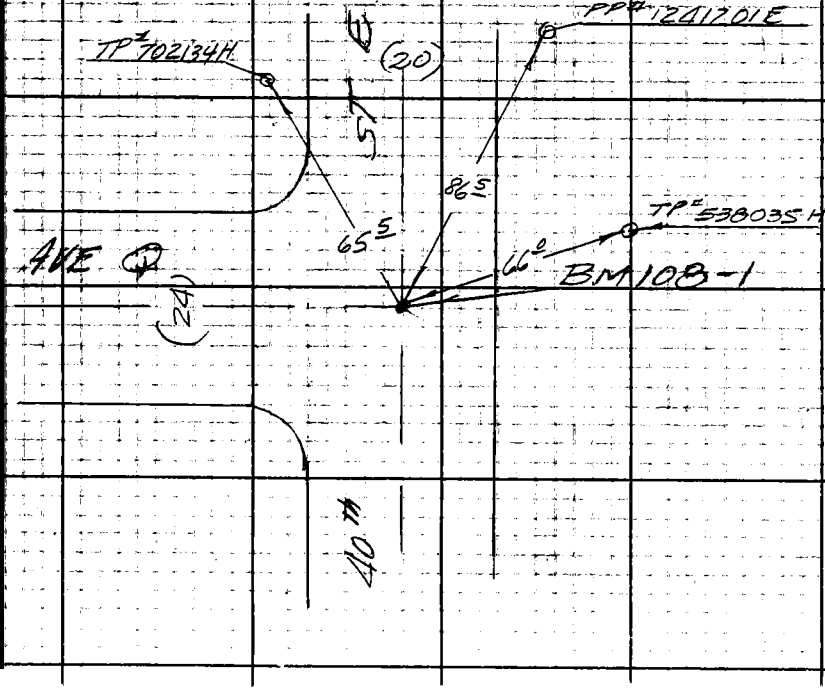
EAST OF PALMDALE, 40TH ST E & AVE Q AT E INTERSECTION, FD A STD PRECAST MON MKD

10" BELOW SURFACE UNDER A CAST IRON COVER

SURVEYORS COUNTY ENGINEER T6N R11W 29 21 28 R 1926 R.E. 5869 MONUMENT

TIES:
CS2 SE 1/4 of TP# 702134H
862 SW 1/4 of PP# 1241201E
662 W 1/4 of TP 538035H

U Voac 7-29-66



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F. B. 28~~6~~4 2 PG. 8

BM108-2

EAST OF PALMDALE: 40TH ST-E & AVE P-8 IN THE NE COR.; SET A STD CO. ENGR. BM 2¼" BRASS Button CAP & IRON PIPE MON MK'D "BM 108-2 RE5869 1961" IN A 12" CONC POST, 2.5 W OF PP# 1295092E, 97.5 E OF ℄ 40TH ST.E, 2.0 N OF THE N. cb OF AVE P-8 & 102.5 NE OF ℄ INT.

BM108-2A

40TH ST-E & AVE P-8, at ℄ INTERSECTION Fd A 2½" BRASSCAP STD CO. ENGR. PRECAST MON. MK'D

Ties:

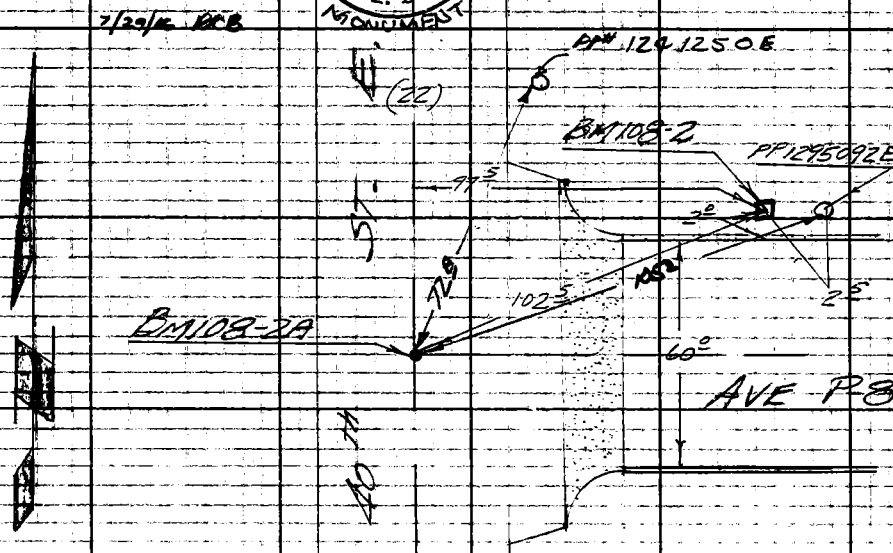
105.0 S.W. ¼ of PP# 1295092E

72.8 S.W. ¼ of PP# 1241250E

7/29/16 RCB

SURVEYORS COUNTY ENGINEER T6N 20921 ¼ SEC COR. R.E. 5869 MONUMENT

10" BELOW PAVEMENT UNDER A CAST IRON COVER.



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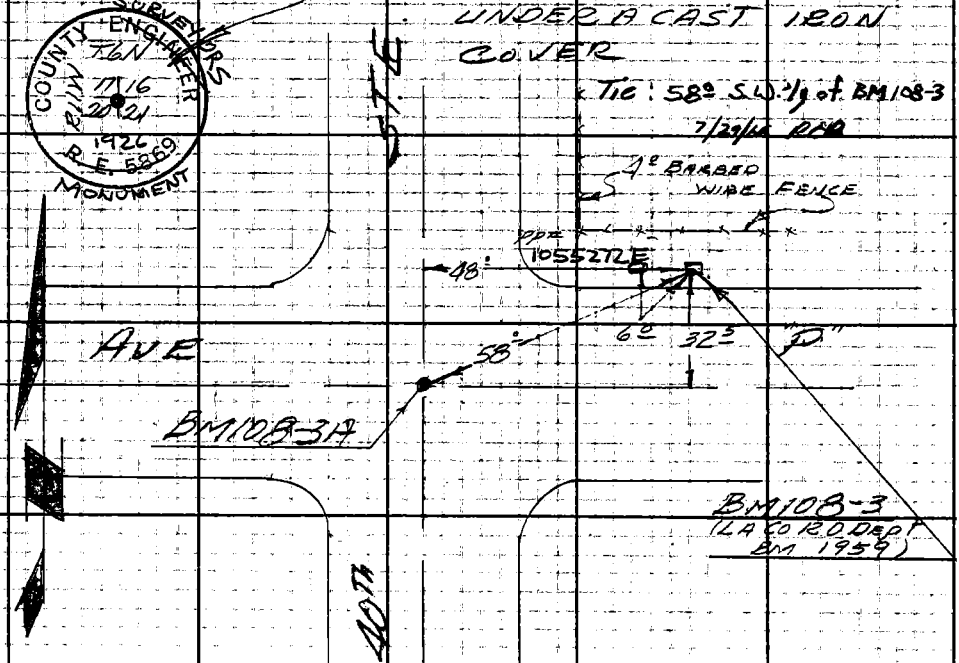
Date	Indexed H. E. OTT	

BM108-3 (L.A. CO. RD. DEPT BM 1959)

EAST OF PALMDALE: 40TH ST E & AVE "P", NE CORNER, Fd A RD. DEPT PRECAST 2" BM MON MK'D "L.A. CO. RD DEPT BM 1959" 48° E OF ℄ 40TH ST E, 32° N. OF ℄ AVE P, 6° E OF PP# 1055272E & 58° NE OF ℄ INTERSECTION MON, UNDER A CAST IRON COVER MK'D "L.A. CO. RD DEPT"

BM108-3A

40TH ST E & AVE P @ ℄ INTERSECTION Fd A STD 2¼" CO. ENGR. PRECAST MON MK'D AS SHOWN 10" BELOW PAVEMENT UNDER A CAST IRON COVER



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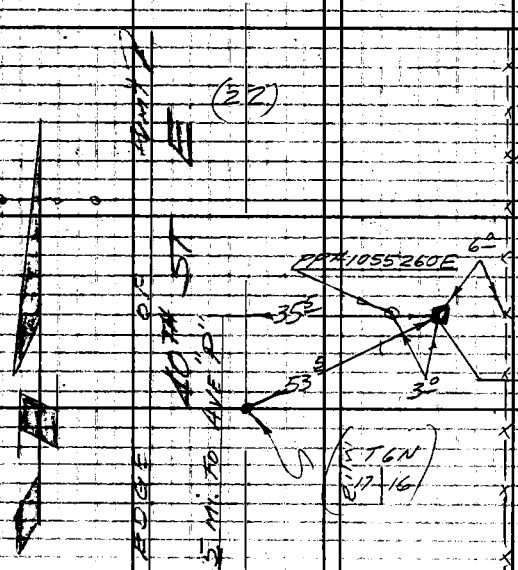
4

F.B. 2842 Pg. 10

BM 108-4

ANTELOPE VALLEY: 40TH ST E &

0.3 MI NORTH OF AVE "P" ON E SIDE OF ROAD, SET A STD 3½" CO ENGR BM BRASS CAP & IRON PIPE MON MKD "BM 108-4 LE 5369 1961" IN A 12" CONC POST, 35± E OF ℄ OF ROAD, 53± NE OF ¼ SEC MON, 3± E OF PP # 1055260E & 6± W OF AN 8' CHAIN LINK FENCE



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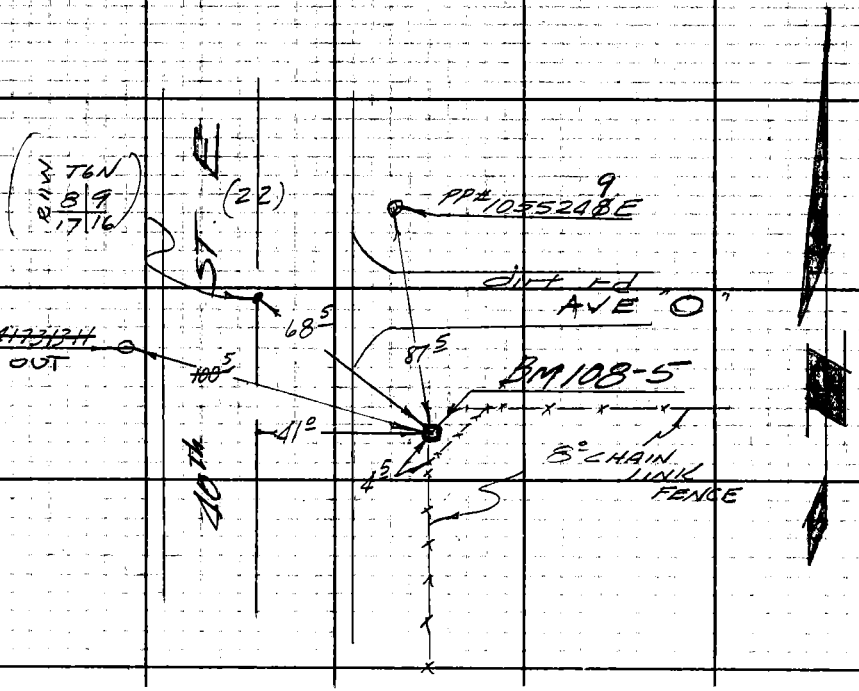
Checked	Notes ACG Date 3/9/61
Date	Indexed H.E. ON

BM 108-5

ANTELOPE VALLEY & 40TH ST. E. & AVE "O" (dirt rd) IN THE SE COR, SET A STD. CO. ENGR. BM 2½" BRASS CAP & IRON PIPE MON. MKD "BM 108-5 RE 5869 1961" IN A 12" CONC POST, 41° E OF & 40TH ST. E, 4' N OF E LINE OF AN 8° CHAIN LINK FENCE, 87' E OF SSE OF PP# 1055248E, 100' ESE OF PP# 4133134, 41° E OF & 40TH ST. E & 68' SE OF & INT SEC. COR.



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F. B. 8862 Pg. 12

BM 108-6

ANTELOPE VALLEY; 40TH SE E 0.5 MI. SOUTH OF AVE N ON EAST SIDE OF ROAD.
SET A STD CO. ENGR BM BRASS CAP & IRON PIPE MON MK'D "BM108-6 RE5869 1961" IN A 12" CONC POST, 3± E OF PP# 1055238E, 45± NE OF TEL. POLE, 30± E OF ℄ OF ROAD

NEW DESCRIPTION - FB 3716-225 6-17-66 RLS

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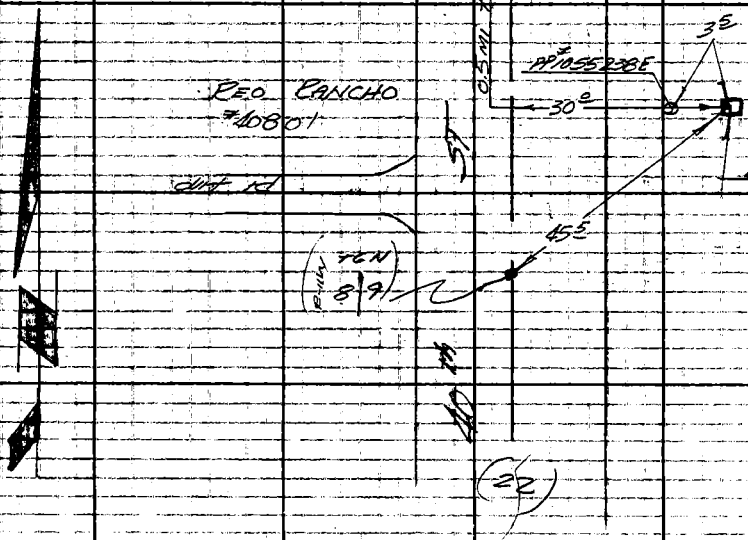

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Surveyed by A.C. GUIZADO
Notes ACG Date 5/5/61
Indexed H. E. GD

F. B. 2842 Pg. 43

BM 108-7

ANTELOPE VALLEY: 40TH ST. E. & AVE N: 2± S. OF PP# 3104IZE, 29± E OF & OF 40TH ST E & 46± N.E. OF E INT (SEC. COR) SET A STD CO. ENGR BM 7½" BRASS CAP & IRON PIPE MON MK'D "BM108-7 RE5869 1961", W.A. 12" CONC POST UP ABOUT 4 inches.

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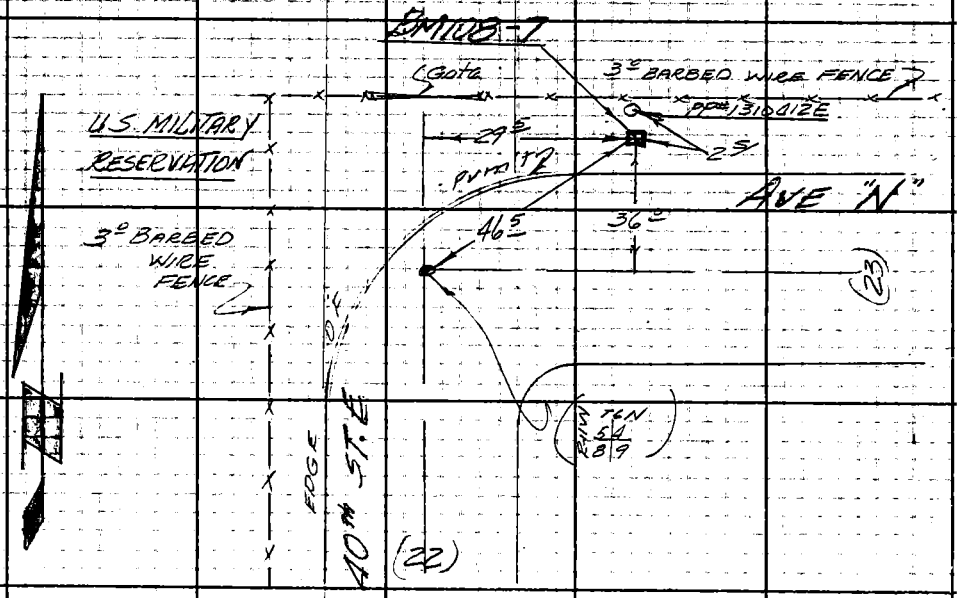


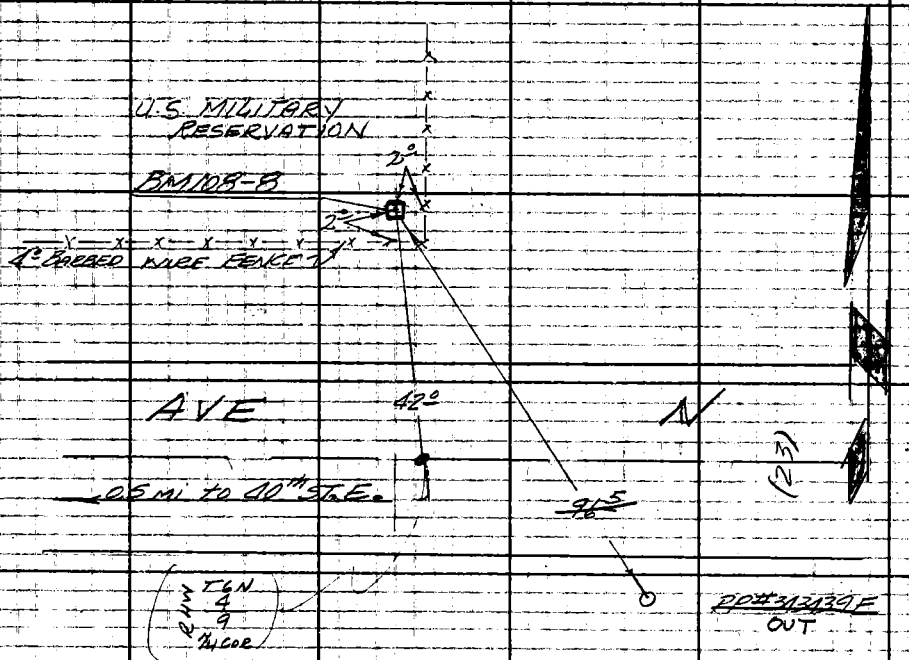
76F3095 S&E #247 11-58

F.B. ~~2842~~ 4 PG. 14

BM 108-8

AVE "N" & 0.5 MI EAST OF 40th ST.E ON NO. SIDE OF Rd AT THE S.E. CORNER OF A "U.S. MILITARY RESERVATION," SET A CO. ENGR BM 2 1/4" BRASS CAP & IRON PIPE MKD "BM108-8 RE5869 1961" IN A 13" CONC. POST, 2° N&W FROM A 4° BARBED WIRE FENCE, 42° NNW FROM THE 1/4 COR @ ℄ OF Rd & ~~96.5 NW FROM PP 343439E.~~

New Description FB 3716-229



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L.A. CO. PRECISE LEVEL NET F.B. 2842 PG. 15

Survey
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Surveyed by A.C. GUIZADO
Notes ACG Date 3/6/61
Indexed M. E. OTT

BM 108-9

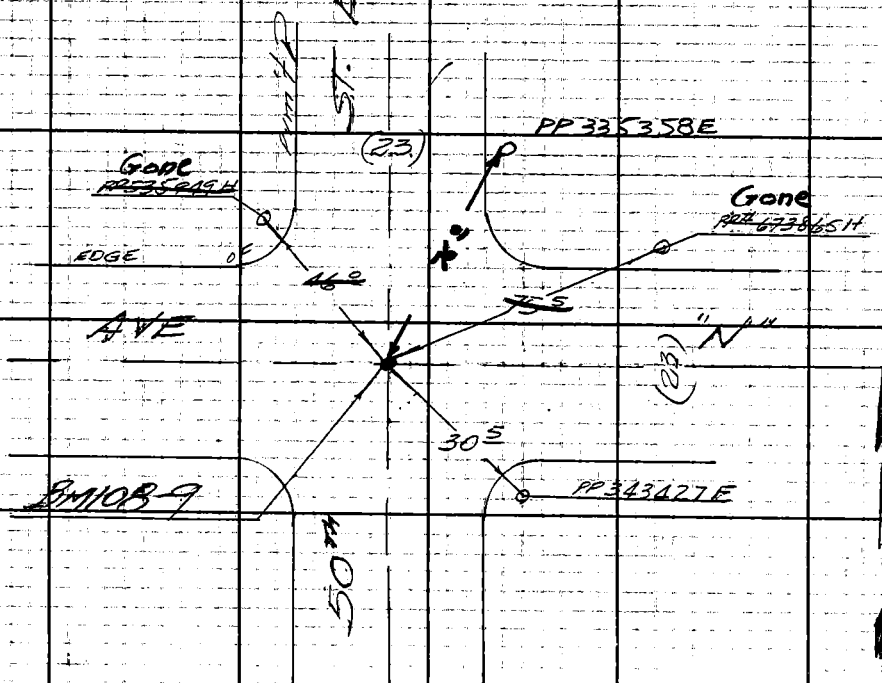
AVE "N" E 50TH ST E & INTERSECTION
FD A STD 2½" BRECAST SURVEYORS MONUMENT MK'D
AS SHOWN

SURVEYORS COUNTY ENGINEER T6N R11W 4 3 9 10 R.E. 6869 MONUMENT

10 inches BELOW SURFACE UNDER CAST IRON COVER

Ties:
76± SW from PP 335358E
30± N.W'ly from 343427E
7/28/66 RRB

New Description FB 3716-231



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F.B. 2842 PG. 16 10 ft = 1/16 sec

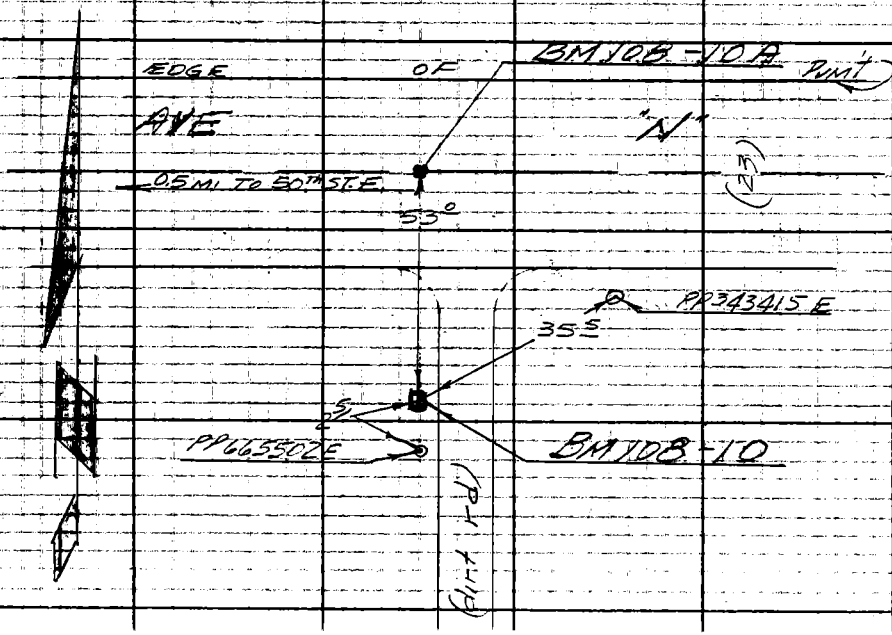
BM108-10

AVE "N" & 0.5 MI EAST OF 50th ST. E.
53° S. OF ℄ OF AVE "N" & 35.5 SW OF
PP# 343415 E & 2.5 N. OF PP# 665502 E, SET A
STD CO. ENGR BM 2 1/4" BRASS CAP & IRON PIPE
MON MKD "BM108-10 RE5869 1961" IN A
12" CONC. POST.

BM108-10A

AVE "N" & 0.5 MI EAST OF 50th ST E ON
℄, Fd A 2 1/2" STD CO. ENGR. PRECAST MON
MKD AS SHOWN
~~10"~~ 16" BELOW SURFACE
IN A HAND HOLE UNDER
CAST IRON COVER.

COUNTY ENGINEER SURVEYORS
T6N
3
10
1/4 SEC COR
MONUMENT



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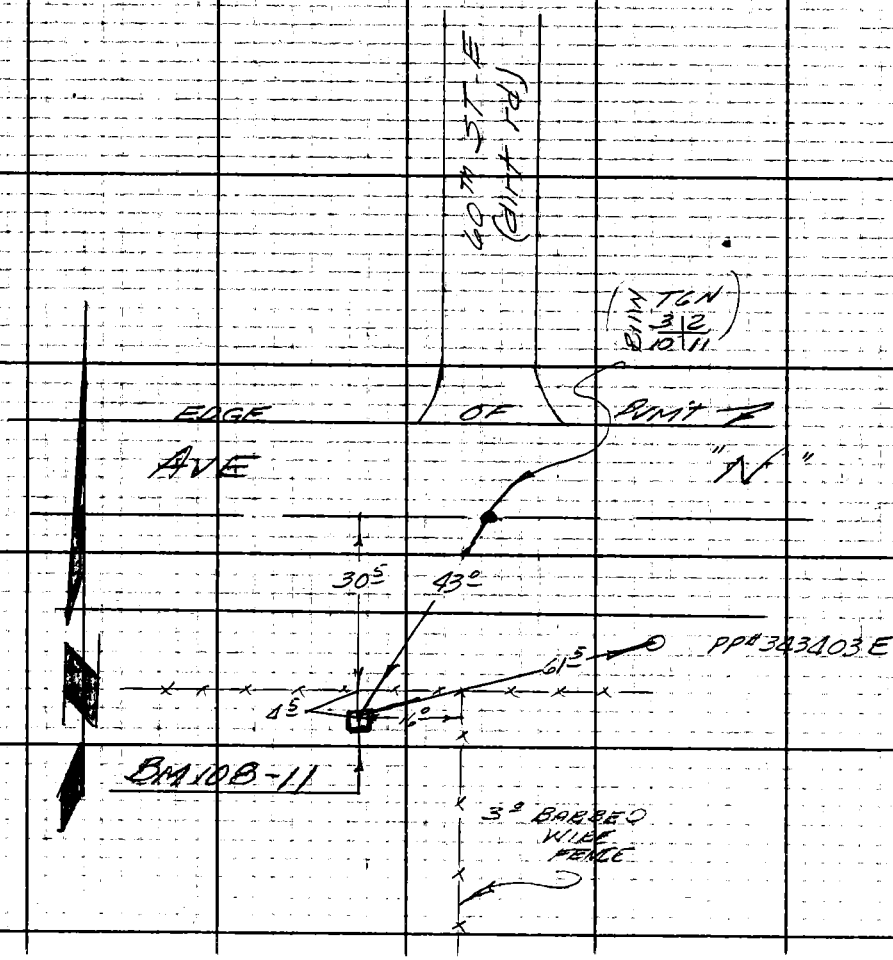
Date	Indexed H. E. 01

F. B. 2842 PG. 17

BM 108-11 (USGS LS 28 1929)
AVE "N" E 60TH ST E (adirt rd)
Fd A STD 4" BRONZE DISK MK'D
"USGS LS 28 1929" IN top of A
4" CONC post, 43° SW OF ℄ INT,
30.5 S OF AVE "N", 61.5 WSW FROM
PP# 343403E & 4.5 S of a Barbed wire
fence.



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F. B. 2842 PG. 78

BM 108-12 (RD DEPT BM 1959)

AVE "N" 0.05 MILE EAST OF 60TH ST. E, FD A LA CO. RD DEPT BRASS CAP PRECAST BM MKD " LA CO. RD DEPT BM 1959" 100± W, ALONG ℄, FRONT & ¼ MON, 50± N. OF ℄ OF AVE N & 7½ NNW OF PP 343391E, MON IS 9" BELOW SURFACE UNDER CAST IRON COVER.

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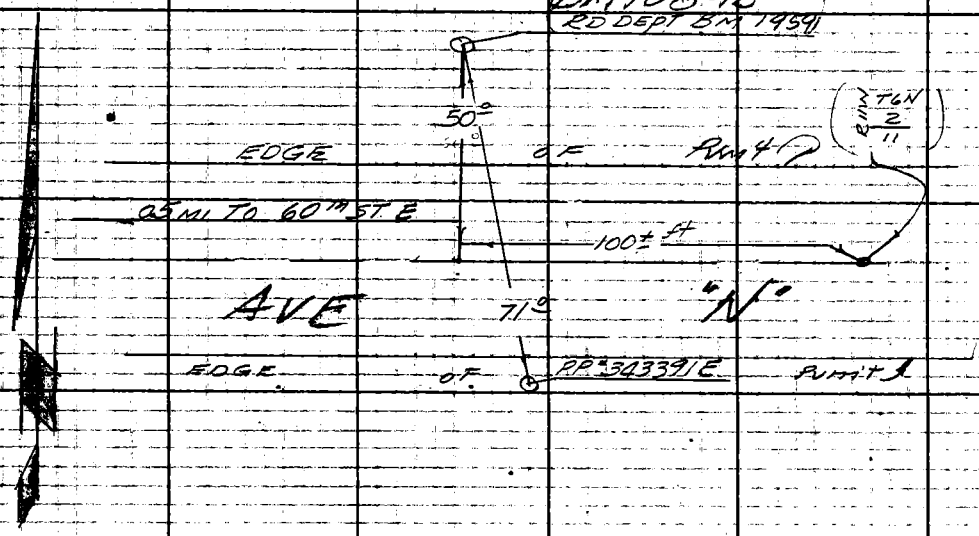

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Checked	Notes A.C.G. Date 3/6/61
Date	Indexed H. E. Ott

F. B. 2842 PG. 19

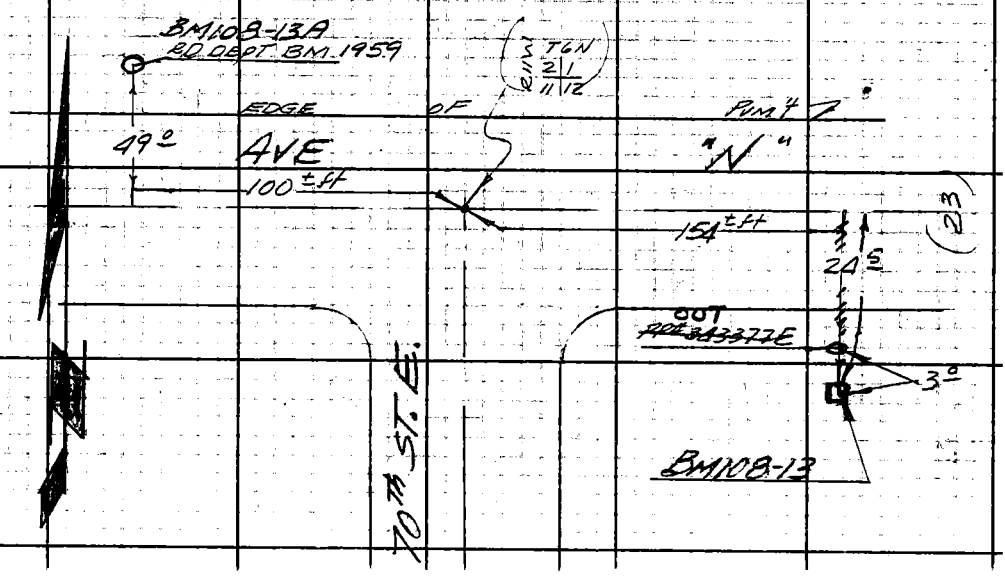
BM 108-13

AVE "N" & 70TH ST. E. S.E. COR 154± ft E ALONG ℄ AVE "N" & 24.5 S. OF ℄ or 3° S. OF PP#343377E, SET A STD CO. ENGR BM BRASS CAP & IRON PIPE MK'D "BM108-13, 1961 & RE5869" IN A 12" CONC POST

See F.B. 3716-241 for New ties 8/2/66 RCB

BM 108-13A (L.A. CO. RD. DEPT 1959)

AVE "N" & 70TH ST. E. FD A STD PRECAST BM MON MK'D "L.A. CO. RD DEPT 1959" 100± ft E ALONG ℄ FROM THE ℄ INT & 49° N. OF ℄, MON IS 9" BELOW SURFACE UNDER CAST IRON COVER



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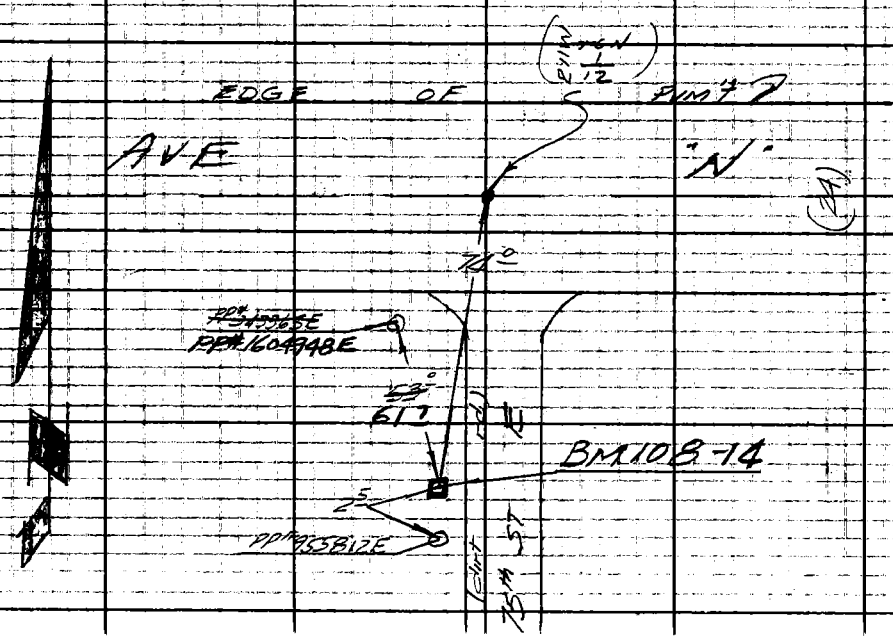
76F309S S&E #247 11-58

F.B. 2842 Pg. 20

BM108-14

AVE "N" & 75th ST. E (adirted)
SW COR., SET A STD CO ENGR BM
BRASS CAP & IRON PIPE MON MK'D
"BM 108-14 RE 5869 1961" IN A 12"
CONCRETE POST, 74° SSW FROM
℄ INT, ~~53°~~ 61.7 SSE FROM PP# ~~343365~~ 1604948E, 2.5
N OF PP# 955812E & 73.5 S OF ℄ AVE "N"

8/2/66 RCBowers



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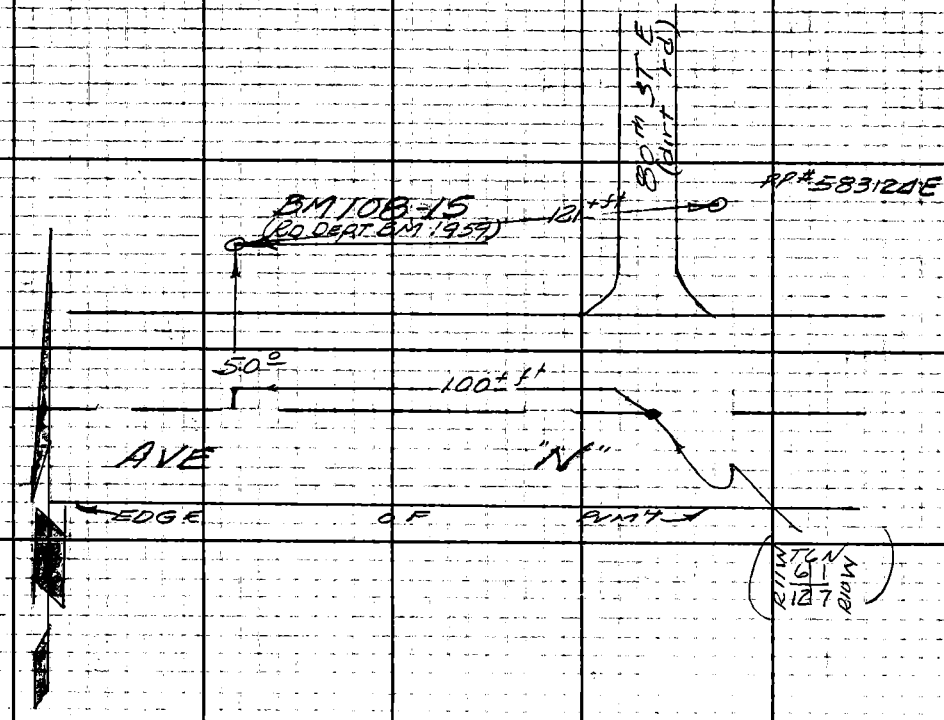
Date	Indexed H. E. OTT

F. B 2842 PG. 24

BM 108-15 (RD DEPT BM 1959)
AVE "N" & 80th ST E NW COR
Fd A STD PRECAST RD DEPT BM
MON MKD "~~CO OF LA~~ L.A. CO., RD DEPT BM 1959"
100 ft EAST OF SEC COR MON ALONG ℄
AVEN & 50° N. OF ℄, 121± ft WSW OF
PP# 583124 E, DOWN 10" UNDER
CAST IRON COVER MKD "CO. RD. DEPT"



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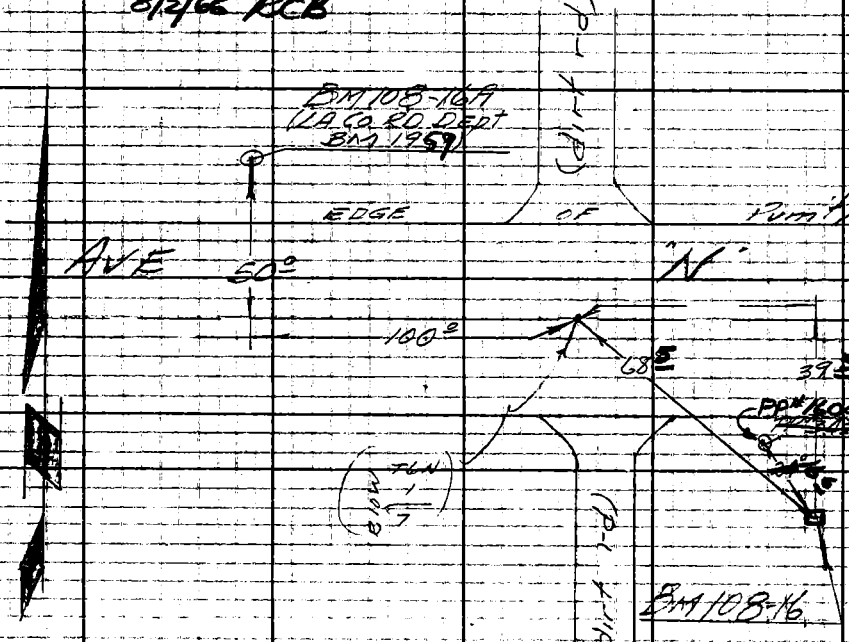
F.B. 5842 Pg. 22

BM 108-16

AVE "N" & 0.5 MILE WEST OF 90TH ST. E.
SET A STD 1½" DPW ENGR BM BRASS CAP &
IRON PIPE MON MKD "BM 108-16
RE 5867 1.96' IN A 12" CONC. POST,
68° SE FROM ¼ COR,
39° S. OF ℄ OF Rd & 24° SE OF
PP# 343341E

1959
BM 108-16A (LA CO RD DEPT ~~1961~~ BM)
AVE N & 85TH ST. E. FD A RD DEPT
2" Br. Cap
PRECAST MON MKD "LA CO RD DEPT BM
1959" 100'± E ALONG ℄ FROM ¼ COR
& 50' N OF ℄ AVE N. MON IS 9 INCHES
BELOW SURFACE UNDER CAST IRON COVER.

8/2/66 RCB



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Survey of L.A.Co. PRECISE LEVEL NET F. B. 2842 PG. 23
JN 0301.02 Tape Std °F
Surveyed by G.E. DREIER
Notes Date
Indexed C. J. GALLI JAN 17 '72

JOB NO. 0301.02

L.A.CO. PRECISE LEVEL NET

LINE NO. 108, RELEVELING

DESC. REF.

F.B. 2842 - 5 TO 22
F.B. 3716 - 209 TO 250

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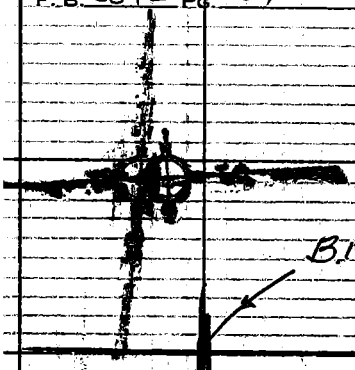
76F3095 CE # 310 (3-61)

F.B. 2842 PG. 24

ROUTE SKETCH, LINE 108

DEC., 1971 RELEVELING.



B.M. 107-16
F.B. 2840-24

(LINE 107) 90th ST. E.

AVE. Q

B.M. 108-16
B.M. 108-16A
F.B. 2842-22

80th ST. E.

B.M. 108-15
F.B. 2842-21

B.M. 108-14
F.B. 2842-20

70th ST. E. (LINE 107)

B.M. 108-13
B.M. 108-13A
F.B. 3716-241

B.M. 108-12
F.B. 2842-18

AVE. N

60th ST. E.

AVE. P

PALMDALE BLVD.

B.M. 108-11

B.M. 108-10A
B.M. 108-10
F.B. 2842-16

50th ST. E.

47th ST. E.

B.M. 108-9
F.B. 3716-231

B.M. 108-8
F.B. 3716-229

B.M. 108-7
F.B. 2842-13

B.M. 108-6
F.B. 2842-12

B.M. 108-5
F.B. 2842-11

B.M. 108-4
F.B. 2842-10

B.M. 108-3

B.M. 108-3A
F.B. 2842-9

B.M. 108-2
B.M. 108-2A
F.B. 2842-8

B.M. 108-1
F.B. 2842-7

B.M. 106-5A & 5B
F.B. 2842-151

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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 ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
				158				177	
1	156	085	457 5	154 4	150	530	451 5	123 54	54 M- 4 M= 50 M-0.20 mm
				162				192	
2	160	090	461 5	158 4	165	710	466 5	138 54	54 M- 4 M= 50 M=0.20 mm
	316	175		8	316	240		108	
						040 mm		8	
	+				~~-0. mm~~				Curvature Corr.=0.40 mm
					316	200		100	
					316	175			
					-	0.25			
				mm= "C"					
	/								NOTE: — FOR DETERMINATION OF "C" ON 12-15-71 SEE LINE 107, 1971 RELEVELING IN F.B 2840-
						-0.002	mm= "C"		
					100 /	0.250			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-51°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 12-16-71 WEATHER Sunny & Calm INST. NO. 96716
INDEXED C. J. GALLI DATE JAN 17 '72 TIME 10:25 ROD NO. 96 & 96
NOTES CHKD ____ DATE ____
F.B. 2842 PG. 25

F.B. 2842 PG. 26 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado

INDEXED DATE

WEATHER INST. NO. 96711

TIME ROD NO. 95-59

NOTES CHKD DATE

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

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 12-17-71 TIME 11:20 WEATHER 49° CLEAR LIGHT BR. INST. NO 26716
INDEXED C.J. GALLI DATE NOTES CHKD DATE ROD NO 95 & 29
F.B. 2842 PG. 27

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	669	4515	152 148 4	156	138	4575	183 129 54	54M- 4 M= 50M-0.20 mm
2	159	150	4605	161 157 4	153	727	4545	150 126 24	M- M= M=0.20 mm
	309	819		8	309	865		108	
						0.40	mm		
	+				=0.	mm		- 8	Curvature Corr.=0.40 mm
					309	825		100	
					309	819			
					-	0.06	mm		
				mm= "C"					
	/								
						-0.001	mm= "C"		
					100	0.06			

F.B. 2842 Pg. 28 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER

INDEXED DATE

WEATHER INST. NO. 9674

TIME ROD NO. 9559

NOTES CHKD DATE

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

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-520
SURVEY BY DREIER WEATHER CLEAR INST. NO 76711
NOTES BY SIEMANN DATE 12-20-71 TIME 10:20 TO 10:30 ROD NO 25296
INDEXED C. J. GALLI DATE NOTES CHKD DATE
F.B. 2842 PG. 29

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM ____ TO ____
			DETERMINATION OF "C"								
			NEAR ROD					FAR ROD			
1	148	732	449	5	150 146 4	120	722	421	5	147 93 54	54 M- 4 M=50 M-0.20 mm
2	161	685	462	5	153 149 4	189	804	490	5	215 162 54	54 M- 4 M= 50 M=0.20 mm
	310	417				310	526			108	
					8		040			8	
	+					-0.	mm				Curvature Corr.=0.40 mm
						310	486			100	
						310	417				
						-	069				
				mm= "C"							
	/										
			•								
							= 0.007 mm = "C"				
						foot	0.69				

F.B. 2842 PG. 30

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN

INDEXED ______ DATE ______

WEATHER ______ INST. NO. 9671[illegible]

TIME ______ ROD NO. 95-[illegible]

NOTES CHKD. ______ DATE ______

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

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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

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=43°
SURVEY BY G.E. DREIER
NOTES BY
INDEXED C. J. GALLI
DATE 12-21-71
DATE
WEATHER THIN OVERCAST
TIME 10:00 TO 10:10
NOTES CHKD
INST. NO 96716
ROD NO. 95894
DATE
F.B. 2842 PG. 31

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	720	450 5	151 147 4	142	423	443 5	169 115 54	54 M- 4 M= 50 M-0.20 mm
2	153	960	454 5	155 151 4	161	455	462 5	188 134 54	54 M- 4 M= 50 M=0.20 mm
	303	680		8	303	878		108	
						0.40 mm			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					303	838		100	
					303	680			
					-	1.58 mm			
				mm= "C"					
						-0.016		mm= "C"	
					100	1.58			

F.B. 2842 Pg. 32 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET WEATHER INST. NO. 96 716

SURVEY BY DREIER NOTES DREIER TIME ROD NO. 95E 96

INDEXED DATE NOTES CHKD DATE

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

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 48°
SURVEY BY Cockerham DATE 12-22-71 WEATHER Calm - clear INST. NO. 8716
NOTES BY C. J. GALLI DATE TIME 10:30 ROD NO. 95896
INDEXED DATE NOTES CHKD DATE
F.B. 2842 PG. 33

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	153	230	454	151/155	130	148	431	157/103 54	54 M- 4 M= 50 M-0.20 mm
2	158	602	459 5	160/156 4	181	829	482 5	208/154 54	54 M- 4 M= 50 M=0.20 mm
	311	832			311	977		108	
	+				-0.	0.40 mm		- 8	Curvature Corr.=0.40 mm
					311	937		100	
					311	832			
					-	1.05 mm.			
	/			mm= "C"					
					-	0.010	mm= "C"		
					100	1.05			

F.B. 2842 PG. 34 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES

INDEXED DATE

WEATHER INST. NO. 96716

TIME ROD NO. 95 & 96

NOTES CHKD. DATE

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

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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 ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	158	548	459 5	160 156 4	139 ~~134~~	194	440 5 ~~5~~	160 112 54	54 M- 4 M= 50 M-0.20 mm
2	159	178	460 5	161 157 4	178	685	479 5	205 151 54	54 M- 4 M= 50 M=0.20 mm
	317	726		8	317	879		108	
	+				-0.40mm			8	Curvature Corr.=0.40 mm
					317	839		100	
						726			
					-	113			
				mm= "C"					
						- 0.011 mm= "C"			
					100/	1.13			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER
NOTES BY PETERSON DATE 12-28-71
INDEXED C. J. GALLI DATE
WEATHER OVERCAST
TIME 10:30
NOTES CHKD. DATE
INST. NO 96716
ROD NO 95896
F.B. 2842 PG. 35
P-36

F.B. 2842 PG. 36 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES

INDEXED DATE

WEATHER INST. NO. 9671

TIME ROD NO. 9559

NOTES CHKD DATE

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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

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

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET — T= 44° — F.B. 2842 PG. 37

SURVEY BY G.E. DREIER — WEATHER Clear & warm — INST. NO 96716

NOTES BY Peterson — DATE 12-31-71 — TIME 10:00 To 10:10 — ROD NO 95896

INDEXED C. J. GALLI — DATE — NOTES CHKD — DATE

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From — To
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	156	202	457 5	158/154 4	165	406	466 5	192/138 54	54 M- 4 M= 50 M-0.20 mm
2	159	669	460 5	161/157 4	150	609	451 5	177/123 54	54 M- 4 M= 50 M=0.20 mm
	315871			8	316015			108	
	+				-0.40mm			-08	Curvature Corr.=0.40mm
					315975			100	
						871			
					-	1 04			π SIEMANN

______ mm= "C"

$100 \overline{)1.04}$ = -0.010mm= "C"

F.B. 2842 Pg. 38 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET WEATHER INST. NO 96716

SURVEY BY DREIER NOTES PETERSON TIME ROD NO. 9569

INDEXED DATE NOTES CHKD DATE

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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

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

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-40°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 1-5-72 WEATHER Sunny INST. NO. 96716
INDEXED C. J. GALLI DATE TIME 10:10 ROD NO. 95896
NOTES CHKD. DATE
F.B. 2842 PG. 39

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			
				162				212	
1	160	752	461 5	158 4	185	889	486 5	158 54	54 M- 4 M= 50 M-0.20 mm
	155	960	6	158				158	
2	~~156~~	~~652~~	458 5	154 4	131	000	432 5	104 54	54 M- 4 M= 50 M=0.20 mm
	~~317~~	~~404~~		8	316	889		108	
	316	712				0.40 mm			
	+				~~-0.~~	~~mm~~		8	Curvature Corr.=0.40 mm
					316	849		100	
					316	712			
					-	137			
				mm= "C"					
					-	0.014		mm= "C"	
					100	1370			
						100			
						370			

F.B. 2842 Pg. 40 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES

INDEXED DATE

WEATHER INST. NO. 9671

TIME ROD NO. 95[illegible]

NOTES CHKD DATE

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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

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	Right	Mic.	Left.	Stadia	Right	Mic.	Left.	Stadia	From ___ To ___

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 BM 106-5B TO BM 106-5A
BM 106-5B					175						133		BM 106-5B (L.A. Co. Rd. Dept., 1959)
1	166	230	467	5	157	18	124	240	425	5	115	18	40th St. E & Palmdale Blvd.
	124	240										18	See 2418-151
	141	990										36	
													R-Siemann
													BM 106-5A
													40th St. E & Palmdale Blvd. S.E. Cor.
BM 106-5A													See F.B. 2418-151

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

T-46

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 12-15-71

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy

TIME 1:35 to 1:40

NOTES CHKD DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 2842 PG. 41

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F.B. 2842 PG. 42 — JOB NO. 0301.02 — INST. NO. 9676 — ROD NO. 9569

SURVEY OF L.A.Co. Precise Level Net — DATE 12-22-71

SURVEY BY Dreier — NOTES T. Ohashi

INDEXED C. J. GALLI — DATE

NOTES CHKD — DATE

TIME 1:30 - 1:35 — WEATHER Cloudy T- 58°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 106-5A TO BM 106-5B
BM 106-5A													BM 106-5A
													40th St. E & Palmdale Blvd. S.E.C.
1	120	998	421	5	129 111	18	163	007	464	5	173 154	18	See F.B. 2418-151
							120	998				18	
BM. 106-5B							-42	009				36	
													T. R. SIEMANN.
													B.M. 106-5B (L.A. Co. Rd. Dept. 1959)
													40th St. E. & Palmdale Blvd.
													See F.B. 2418-151

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-48° F.B. 2842 PG. 43

SURVEY BY Maldonado G.E. Dreier DATE 12-15-71 WEATHER Sunny & Windy INST. NO. 96716

NOTES BY C.J. GALLI DATE TIME 1:40 TO 2:10 ROD NO. 5424

INDEXED DATE NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 106-5A TO BM 108-1
BM 106-5A					89						254		BM 106-5 A
1	48	789	349	5	6	83	214	500	515	5	174	80	40th St. E. & Palmdale Blvd. S.E.Cor
					161	7					243		See F.B. 2418-151
2	128	000	426	5	89	72	206	693	507	5	169	74	
					151	155					261	154	
3	110	529	411	5	69	82	220	010	521	5	180	81	T-Siemann
					152	237					252	235	
4	112	480	413	5	72	80	212	248	513	5	172	80	
					151	317					2651	315	
5	106	490	407	5	61	90	265	039	566	5	2192	92	
						407						407	BM 108-1
	503	288										407	40th St. E. & Ave. Q & Int.
							1118	490				814	See F.B. 2842-7
BM 108-1							503	288					
							615	202					

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Do not extend notes this side of this line.

F.B. 2842 PG. 44 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES T. Ohashi (12-22-71)

INDEXED C. J. GALLI DATE

WEATHER Cloudy T = 55°

TIME 1:10 - 1:30 ROD NO. 9589

NOTES CHKD DATE

INST. NO. 96716

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 108-1 TO BM 106-5A
BM 108-1													BM 108-1
1	277	109	578	5	277 / 220	114	91	918	395	5	151 / 37	114	40th St. E. & Ave. Q & Int.
													See F.B. 2842-7
2	236	450	537	5	288 / 184	104	102 / 103	890	403	5	153 / 51	102	
						218						216	
3	232	170	533	5	284 / 180	104	107	380	408	5	159 / 55	104	T. R. SIEMANN
						322						320	
4	220	601	521	5	264 / 176	88	45	879	346	5	89	88	
						410						408	
BM 106-5A												410	B.M. 106-5A
	966	330					351	067				818	40TH ST. E. & PALMDALE BLVD. S.E. Cor
	351	067											SEE F.B. 2418-151
	+615	263											

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 108-1 TO BM 108-2
BM 108-1					169						221		BM 108-1
1	129	600	430	5	89	80	181	002	482	5	141	80	40th St. E. & Ave. Q & Int.
					160						228		see F.B. 2842-7
2	119	130	420	5	78	82	190	728	491	5	152	76	
					105	162					256	156	
3	65	170	366	5	25	80	213	876	514	5	170	86	T-Siemann
					117	242					251	242	
4	76	319	377	5	35	82	209	041	510	5	167	84	
					159	324					279	326	
5	115	541	416	5	71	88	235	560	536	5	191	88	
						412						414	
												412	BM 108-2
	505	760					1030	207				826	40th St. E. & Ave. P-8 N.E. Cor.
							505	760					see F.B. 2842-8
BM 108-2							524	447					

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 12-15-71

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy

TIME 2:10 to 12:40

NOTES CHKD. DATE

T-46°

F.B. 2842 PG. 45

INST. NO. 96716

ROD NO. 95 & 96

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. 2842 PG. 46 JOB NO 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Cochran 12-22-71

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 9671

TIME 11:35 ROD NO. 9589

NOTES CHKD DATE

T- 57°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM 108-2 TO BM 108-1
BM 108-2											BM 108-2
1	265	408	546	5	½ 263 215 100	138	526	439	5	½ 189 87 102	40th Ste E & Ave P-8 N.E. Cor
											See FB 2842-8
2	280	372	581	5	½ 280 217 126	57	109	358	5	½ 120 57 126	
					226					228	T. Siemann
3	238	588	539	5	289 187 102	133	294	434	5	184 82 102	
					328					330	
4	207	485	508	5	250 164 86	138	472	439	5	180 96 84	
					414					414	
										414	
	991	853				467	401			828	
BM 108-1	467	401									BM 108-1
											40th St E & Ave 'Q' & Int
	+ 524	452									See FB 2842-7

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 7-52° F.B. 2842 PG. 47

SURVEY BY F.E. Dreier WEATHER Sunny & Calm INST. NO. 96 714

NOTES BY M. Leonard DATE 12-16-71 TIME 10:30 to 10:45 ROD NO. 95 [illegible]

INDEXED C. J. GALLI DATE NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.		STADIA	RIGHT		MIC.	LEFT.		STADIA	FROM BM 108-2 TO BM 108-2A
BM 108-2													BM 108-2
						160						160	40th St. E & Ave. P-8 N.E. Cor.
1	152		119	453	5	144	16	152	831	453	5	144	16	See F.B. 2842 - 8
								152	119				16	A. Siemann
								0	712	/			32	/
														BM 102-2A (T6N R11W Sec. Cor.
														40th St. E & Ave P-8 & Int
														See F.B. 2842-8
BM 102-2A														

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 108-2A TO BM 108-2
BM 108-2A													BM 108-2A (T6N R11W Sec. Cor 20,
1	154	088	455	5	162 146	16	153	400	454	5	161 145	16	40th St. E & Ave P-8 ℄ Int.
	153	400										16	See F.B 2842-8
	+ 0	688										32	
													π Siemann
BM 108-2													BM 108-2
													40th St E & Ave "P-8" N.E. Cor
													See FB 2842-8

T-50°

WEATHER calm-clear INST. NO. 96716

TIME 11:30 ROD NO. 95 & 9

NOTES CHKD DATE

F.B. 2842 PG. 48 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Cockerham - 12-22-71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM108-2A TO BM108-3
BM108-2A					156						300		BM108-2A (T6N R11W Sec Cor 20 21)
1	105	560	406	5	54	102	249	591	550	5	198	102	40th St E & Ave. P-8 ℄ Int.
					156						254		see F.B. 2842-8
2	106	876	407	5	54	102	201	679	502	5	148	106	
					185	204					242	208	T-Siemann
3	146	277	447	5	107	78	200	000	501	5	158	84	
					135	282					289	292	
4	95	200	396	5	55	80	253	930	554	5	217	72	
					127	362					205	364	
5	102	831	403	5	77	50	180	681	481	5	155	50	
						412						414	
												412	
	556	744					1085	881				826	BM108-3
BM108-3							556	744					40th St. E. & Ave. P. N.E. Cor
							529	137					see F.B. 2842-9

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 12-16-71

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy

TIME 10:45 to 11:10

NOTES CHKD DATE

INST. NO. 96716

ROD NO. 95

F.B. 2842 PG. 49

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 108-3 TO BM 108-2A
BM 108-3				~~5~~						~~5~~			BM 108-3
1	237	140	538	5	237 / 193	88	68	690	369	5	112 / 24	88	40th St. E. & Ave. P N.E. Cor
													See F.B 2842-9
2	253	721	554	5	253 / 196	114	140 / ~~139~~	009	441	5	197 / 83	114	
						202						202	
3	208	290	509	5	262 / 154	108	111	231	412	5	164 / 58	106	⊼ Siemann
						310						308	
4	262	489	563	5	262 / 212	100	112	491	413	5	165 / 59	106	
						410						414	
												410	
	961	640					432	421				824	
BM 108-2A	432	421											BM 108-2A (T&N R11W Sec Cor 20
													40th St E & Ave "P-8" ℄ Int.
	+529	219											SEE FB 2842-8

F.B. 2842 PG. 50

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Cookerham - 12-22-71

INDEXED C. J. GALLI DATE

WEATHER Calm clear INST. NO. 9671

TIME 11:10 ROD NO. 95 & 96

NOTES CHKD DATE

T = 51°

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 12-16-71
INDEXED C. J. GALLI DATE
WEATHER Sunny & Windy INST. NO. 96716
TIME 11:45-11:40 ROD NO. 95-96
NOTES CHKD DATE
T=52°
F.B. 2842 PG. 51

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 108-3 TO B.M. 108-4
B.M. 108-3									B.M. 108-3
1.	104	311	405 5	145 / 104 82	197	404	498 5	237 / 157 80	40TH ST. E. & AVE "P" N.E. COR.
									SEE F.B. 2842-9
2.	121	788	422 5	161 / 81 80	187	617	488 5	227 / 147 80	
				162				160	
3.	83	445	384 5	125 / 41 84	186	941	487 5	227 / 145 82	⊼ J. MALDONADO
				246				242	
4.	102	981	403 5	144 / 60 84	205	460	506 5	249 / 161 88	
				330				330	
5.	120	078	421 5	161 / 79 82	187	699	488 5	229 / 145 84	
				412				414	
								412	
	532	603			965	121		826	
B.M. 108-4					532	603			B.M. 108-4
									40TH ST. E & 0.5 MI. N. OF AVE "P"
				-	432	518			SEE F.B. 2842-10
	1st Return B.M. 108-3 TO 108-4 12-22-71								T= 56° 1:40 TO 2:00 OVERCAST
B.M. 108-3									
1	108	095	409 5	142 / 74 68	190	788	491 5	226 / 154 72	
2	111	900	412 5	165 / 57 108	208	578	609 5	260 / 156 104	
				176				176	983.752
3	89	161	390 5	137 / 41 96	207	345	508 5	255 / 159 96	551.304
				272				272	432.448
4	114	009	415 5	150 / 78 72	196	551	497 5	232 / 160 72	
	[illegible]	[illegible]		344	[illegible]	[illegible]		344	
5	128	139	429 5	161 / 95 66	180	490	481 5	213 / 147 66	
				410				410 / 410	
B.M. 108-4	551	304			983	752		[illegible]	

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. 2842 Pg. 52 — JOB NO. 0301.02 — T = 50

SURVEY OF L.A.Co. Precise Level Net — WEATHER Calm - clear — INST. NO. 86716

SURVEY BY G.E.D. NOTES Cocker Ham 12-22-71 — TIME 10:45 — ROD NO. 9589

INDEXED C. J. GALLI — DATE 12-22-71 — NOTES CHKD — DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 108-4 TO B.M. 108-3
B.M. 108-4													B.M. 108-4
1.	201	240	502	5	247 / 155	92	117	045	418	5	164 / 70	94	40TH ST. E & 0.5 MI. N. AVE "P"
													SEE F.B. 2842-10
2	215	882	516	5	263 / 167	96 / 188	112	958	413	5	159 / 65	94 / 188	
3	228	341	529	5	271 / 185	86 / 274	116	000	417	5	154 / 73	86 / 274	T. DREIER
4	200	257	501	5	246 / 154	92 / 366	116	033	417	5	163 / 69	94 / 368	
5	177	412	478	5	201 / 153	48 / 414	128	963	429	5	151 / 105	46 / 414 / 414	
	1023	132	/				590	999	/			828	/
B M 108-3	590	999											BM 108-3,
													40th ST E & Ave "P" N.E. Cor
	432	133	/										SEE F.B. 2842-9
	1ST RERUN			12-22-71			2:00 TO				OVERCAST		T = 56°
B.M. 108-4													
1	203	647	504	5	254 / 152	102	105	935	406	5	156 / 54	102	
2	211	999	512	5	262 / 160	102 / 204	104	884	405	5	156 / 52	104 / 206	
3	240	615	541	5	298 / 182	116 / 320	102	427	403	5	160 / 44	116 / 322	
4	193	394	494	5	238 / 142	96 / 416	104	357	405	5	148 / 60	88 / 410 / 416	
B.M. 108-3	949	655	/				417	603	/			826	/
	417	603											
	532	052	/										

76P526B CE # 308 8/68

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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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 56°
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716
NOTES BY SIEMANN DATE 12-22-71 TIME 2:20 TO 2:35 ROD NO 95896
INDEXED C. J. CALLI DATE NOTES CHKD DATE
F.B. 2842 PG. 53

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M 108-3 TO B.M. 108-4
M.108-3													B.M. 108-3
1	98	772	399	5	146 98	96	198	647	499	5	245 151	94	40TH ST. E. & AVE. P. N.E. COR.
													SEE F.B. 2842-9
2	114	587	415	5	159 69	90	220	925	521	5	270 170	100	
						186						194	A = DREIER
3	102	305	403	5	152 52	100	209	660	510	5	256 162	94	
						286						288	2nd RERUN
4	85	923	386	5	146 24	122	204	548	505	5	264 144	120	
						408						408	
M 108-4												408	B.M. 108-4
	401	587					833	780				816	40TH ST. E. & 0.5 MI. N. OF AVE. P.
							401	587					SEE F.B. 2842-10
							432	193					

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 BM108-4 TO BM 108-3
BM108-4													BM108-4
1	221	393	522	5	284 / 158	126	98	623	399	5	154 / 42	112	40TH ST E & 0.5 N OF AVE P
													SEE F.B. 2842-10
2	223	790	524	5	280 / 166	114	67	636	368	5	129 / 5	124	
						240						236	T DREIER
3	219	341	520	5	277 / 161	116	112	232	413	5	170 / 54	116	
						356						352	2nd RERUN
4	178	287	479	5	206 / 150	56	132	057	433	5	162 / 102	60	
						412						412	
												412	
												824	
BM108-3													BM108-3
	842	811					810	547					40TH ST E & AVE P N.E. COR
	-810	547											SEE F.B. 2842-9
	432	264											

F.B. 2842 PG. 54

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES PETERSON 12-28-71

INDEXED C. J. GALLI DATE

T=36

WEATHER OVERCAST INST. NO. 9671

TIME 10:35 ROD NO. 9590

NOTES CHKD DATE

76P526B CE # 308 8/68

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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 T=52°
SURVEY BY G. E. DREIER WEATHER SUNNY-WINDY INST. NO. 36716
NOTES BY T. ONOSKI DATE 12-16-71 TIME 11:40 - 12:05 ROD NO. 85696
INDEXED C. J. GALLI DATE NOTES CHKD DATE
F.B. 2842 PG. 55

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.				RIGHT	MIC.	LEFT.				FROM B.M. 108-4 TO B.M. 108-5
B.M. 108-4													B.M. 108-4
1.	70	793	371	5	113/76	86	214	377	515	5	256/172	84	40TH. ST. E & 0.5 MI. N. AVE "P"
													SEE F.B. 2842-10
2.	120	887	421	5	152/78	84	209	802	510	5	252/166	86	
						170						170	
3.	99	596	400	5	142/56	86	205	049	506	5	247/163	84	T. J. MALDONADO
						256						254	
4.	98	711	399	5	149/56	84	202	312	503	5	244/160	84	
						340						338	
5.	130	326	431	5	158/102	56	172	041	473	5	200/116	56	
						396						394	
												396	
	520	313					1003	581				790	
B.M. 108-5							520	313					B.M. 108-5
							-483	268					40TH. ST. E. & AVE "O"
													SEE F.B. 2842-11

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.

F.B. 2842 PG. 56 JOB NO. 030102

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

SURVEY BY G.E. PREECE NOTES SIEMANN 12-21-71

INDEXED C.J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 2:15 TO 2:30 ROD NO. 9559

NOTES CHKD DATE

T = 48°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM.108-5 TO BM.108-4
BM.108-5													B.M.108-5
1	194	425	495	5	245 143	102	97	127	398	5	149 45	104	40th St. E. & Ave. "O"
													SEE F.B. 2842-11
2	230	520	531	5	288 172	116	82	720	383	5	140 24	116	
						218						220	
3	222	435	523	5	272 172	100	105	382	406	5	155 55	100	
						318						320	K DREIER
4	211	884	512	5	248 174	74	90	779	391	5	127 53	74	
						392						394	
BM.108-4												392	B.M.108-4
	859	244					376	008				786	40TH ST. E. 0.5 N. OF AVE. P
	376	008											SEE F.B. 2842-10
+	483	236											

76P526B CE # 308 8/68

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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 — F.B. 2842 PG. 57

SURVEY BY G.E. DREIER — WEATHER SUNNY, WIND, INST. NO. 46116

NOTES BY T. MADDEN, E. J. GALLI — DATE 12/16/71 — TIME 1:15 - 1:45 — ROD NO. 15-96

INDEXED — DATE — NOTES CHKD — DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 108-5 TO BM. 108-6
BM. 108-5		4											B.M. 108-5
1.	107	278	408	5	½ 147 107	80	185	371	486	5	234 156	78	40TH. ST. E. & AVE "O"
													SEE F.B. 2842-11
2.	114	158	415	5	154 74	80	205	580	506	5	245 165	80	
						160						158	
3.	118	663	419	5	159 77	82	199	748	500	5	240 158	82	T. J. MALDONADO
						242						240	
4.	112	066	413	5	152 72	80	193	048	491	5	233 153	80	
						322						320	
5.	111	062	412	5	150 72	78	184	631	485	5	223 145	78	
						400						398	
6	145	392	446	5	158 132	26	151	372	452	5	164 138	26	
						426						424	
												426	
	708	619					1119	750				850	
BM. 108-6							708	619					BM. 108-6
						-	411	131					40TH. ST. E. & 0.5 MI. S. OF AVE. "N"
													SEE F.B. 3716-225
		RERUN	12-28-71				TEMP = 36°		OVERCAST			11:05 TO 11:30	
1	120	044	421	5	163 77	86	209	803	510	5	255 163	92	
2	122	008	423	5	174 70	104	223	578	524	5	273 173	100	T. DREIER
						190					169	192	
3	107	870	408	5	162 52	110	215	723	516	5	269 161	108	
						300						300	
4	104	280	405	5	152 56	96	198	481	499	5	247 149	98	
						396						398	
5	152	421	453	5	166 138	28	169	851	470	5	182 156	26	
	606	623				424	1017	1436				424	
							606	623				424	
							410	813				848	

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. 108-6 TO BM. 108-5
BM-108-6													B.M. 108-6
1	154	056	455	5	177 111	86	95	231	396	5	138 52	86	40TH. ST. E & 0.5 MI. S. OF AVE "N"
													SEE F.B. ~~2842~~ 3716-225
2	219	061	520	5	271 167	104	104	811	405	5	156 52	104	
						190						190	
3	213	432	514	5	270 156	114	95	790	396	5	152 38	114	
						304						304	⊼ = DREIER
4	213	297	514	5	272 154	118	93	210	394	5	152 93	118	
						422						422	
B.M. 108-5												422	B.M. 108-5
	799	846					389	042				844	40TH ST. E & AVE. O S.E. CO.
	389	042											SEE F.B. 2842-11
+	410	804											

F.B. 2842 PG. 58

JOB NO. 0301.02

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

SURVEY BY G. EDREIER NOTES SIEMANN 12-21-71

INDEXED C. J. GALLI DATE

T = 50°

WEATHER OVERCAST INST. NO. 9671

TIME 2:00 TO 2:10 ROD NO. 9569

NOTES CHKD. 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. 108-6 TO B.M. 108-7
B.M. 108-6													B.M. 108-6
1.	102	703	403	5	142 / 62	80	204	779	505	5	243 / 165	78	40TH ST. E. & 0.5 MI. S. OF AVE "N"
													SEE F.B. 3716-225
2.	116	174	417	5	155 / 77	78	187	158	488	5	225 / 149	76	
						158						154	
3.	128	687	429	5	166 / 90	76	198	888	499	5	239 / 157	82	
						234						236	⊼ J. MALDONADO
4.	114	887	415	5	153 / 75	78	192	132	493	5	230 / 154	76	
						312						312	
5.	128	541	429	5	167 / 89	78	194	229	495	5	236 / 152	84	
						390						396	
6	151	074	452	5	162 / 140	22	155	860	456	5	163 / 147	16	
						412						412	
												412	
	742	066					1133	046				824	
B.M. 108-7							742	066					B.M. 108-7
							390	980					40TH ST. E. & AVE "N"
													SEE F.B. 2842-13
B.M. 108-6	RERUN 108-6 TO 108-7 12-28-71 TEMP=36° OVERCAST 11:40 TO 12:00												
1	95	340	396	5	148 / 42	106	210	124	511	5	263 / 157	106	
2	111	975	412	5	167 / 55	112	208	795	509	5	264 / 152	112	
						218						218	
3	106	523	407	5	158 / 54	104	214	366	515	5	266 / 162	104	⊼ G.E. DREIER
4	122	855	423	5	165 / 79	322 / 86	194	118	495	5	237 / 151	322 / 86	
						408						408	
B.M. 108-7	436	693					827	403				408	
							436	693				816	
							390	710					

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

SURVEY BY G.E. ~~DREIER~~ DREIER

NOTES BY T. OHASHI DATE 12-16-71

INDEXED C. J. GALLI DATE

WEATHER SUNNY-WINDY INST. NO. 96716

TIME 1:45-2:15 ROD NO. 95-96

NOTES CHKD DATE

T=58°

F.B. 2842 PG. 59

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. 108-7 TO B.M. 108-6
B.M. 108-7									B.M. 108-7
1	192	357	493 5	250 134 116	104	908	405 5	162 46 116	40TH. ST. E. & AVE. "N"
									SEE F.B. 2842-13
2	222	305	523 5	281 163 118	104	006	405 5	164 44 120	
				234				236	π = DREIER
3	180	080	481 5	227 133 94	97	050	398 5	144 50 94	
				328				330	
4	207	373	508 5	248 166 82	105	838	406 5	145 65 80	
				410				410	
B.M. 108-6	8							410	B.M. 108-6
	802	115			411	802		820	40TH ST. E. 0.5 MI. S. OF AVE. N.
	411	802							SEE F.B. 3716-225
+	390	313							
	RERUN	12-28-71	TEMP =	34°	OVERCAST	1:25 P.M.			
B.M. 108-7									
1	185	327	486 5	222 148 74	129	342	430 5	167 91 76	
2	202	665	503 5	242 162 80	122	668	423 5	162 82 80	
				154				156	π G.E. DREIER
3	202	735	503 5	240 154 86	125	551	426 5	163 87 76	
				240				232	
4	202	897	503 5	251 153 98	111	543	412 5	164 58 106	
				338				338	
5	218	809	519 5	262 174 88	132	665	433 5	166 98 68	
				426				406	
	1012	433			621	769		426	
	621	769							
	1390	664						832	
B.M. 108-6									

T = 50°

WEATHER OVERCAST INST. NO. 9671

TIME 1:25 TO 2:00 ROD NO. 9589

NOTES CHKD. DATE

JOB NO. 0301.02

F.B. 2842 PG. 60

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-21-71

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						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 108-7 TO BM. 108-8
B.M. 108-7													B.M. 108-7
1.	176	518	477	5	217 / 135	82	169	360	470	5	209 / 129	80	40TH ST. E & AVE "N"
													SEE F.B. 2842-13
2.	170	560	471	5	210 / 130	80	177	752	478	5	217 / 137	80	
						162						160	
3.	166	331	467	5	205 / 127	78	165	760	466	5	205 / 125	80	
						240						240	⊼ B. SIEMANN
4.	166	281	467	5	205 / 127	78	155	190	456	5	195 / 115	80	
						318						320	
5.	180	599	481	5	224 / 136	88	171	213	472	5	215 / 127	88	
						406						408	
6.	161	739	462	5	163 / 159	4	145	901	446	5	146 / 144	2	
						410						410	
												410	
	1022	028					985	176				820	
B.M. 108-8	985	176											B.M. 108-8
	+36	852											AVE. "N", 0.5 MI. E. OF 40TH ST. E.
													SEE F.B. 3716-229

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 12-16-71

INDEXED C. J. GALLI DATE

WEATHER SUNNY-WINDY T=50° INST. NO. 96716

TIME 2:15 - 2:42 ROD NO. 95-96

NOTES CHKD. DATE

F.B. 2842 PG. 61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2842 PG. 62

SURVEY OF L.A.B. Precise Level Net. JOB NO. 03101.62

SURVEY BY G.E. Dreier NOTES G.E. DREIER 12-21-71

INDEXED C. J. GALLI DATE

WEATHER 46° OVERCAST INST. NO. 9674

TIME 11:30 TO ROD NO. 9554

NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.108-8 TO B.M.108-7
B.M.108-8													B.M.108-8
1	133	710	434	5	188 78	110	165	051	466	5	221 109	112	AVE "N" & 0.5 M. E. OF 40TH ST. E.
													SEE F.B. 3716-229
2	145	859	446	5	195 95	100	155	940	456	5	208 105	100	
						210					207	212	
3	167	380	468	5	217 117	100	157	765	458	5	107	100	↑ R. SIEMANN
					204	310					209	312	
4	156	961	457		108	96	161	911	462	5	113	96	
						406 ✓						408 ✓	
B.M.108-7			✓									406	B.M.108-7
	603	910					640	667 ✓				814	AVE N & 40 TH ST E,
							603	910					SEE F.B. 2842-13
								✓					
							-36	757					

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 49° CLEAR
SURVEY BY G.E. DREIER WEATHER LIGHT BREEZE F.B. 2842 PG. 63
NOTES BY G.E. DREIER DATE 12-17-71 TIME 10:30 INST. NO 96716
INDEXED C.J. CAHH DATE NOTES CHKD DATE ROD NO 95 E9

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM B.M.108-8 TO B.M.108-9
B.M.108-8				228					197		B.M. 108-8
1	168	389	469	5 108	120	135	750	436	5 73	124	AVE. N, & 45th E. AT S.E. COR. AIRPORT
				213					197		SEE F.B. 3716-229
2	163	329	464	5 113	100	146	962	447	5 95	102	
					220					226	
3	169	419	470	5 126	94	142	200	443	5 99	86	T R. SIEMANN
				231	314				243	312	
4	182	319	483	5 133	98	193	513	494	5 143	100	
					412					412	
B.M.108-9										412	B.M.108-9
	683	456	✓			618	425	✓		824	AVE. N & 50th ST. E.
	-618	425									SEE F.B. 3716-231
	+65	031	✓								

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. 2842 PG. 64
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES C.F. DREIER 12-21-71
INDEXED C. J. GALLI DATE
JOB NO. 0301.02
WEATHER OVERCAST INST. NO. 96716
TIME 11:05 TO 11:25 ROD NO. 25882
NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.108-9 TO B.M.108-8
B.M.108-9													B.M.108-9
1	188	071	489	5	237 139	98	179	590	480	5	230 128	102 ~~230~~	AVE. N & 50TH ST. E.
													SEE F.B. 3716-231
2	144	821	445	5	198 90	108	172	761	473	5	222 122	100	
						206						202	
3	151	640	452	5	202 100	102	179	211	480	5	233 125	108	T = SIEMANN
						308						310	
4	136	570	437	5	188 84	104	154	431	455	5	205 103	102	
						412						412 ✓	
B.M.108-8												412	B.M.108-8
	621	102 ✓					685	993 ✓				824	AVE N & 45TH ST. E. (S.E. COR AIRFIELD)
							621	102					SEE F.B. 3716-229
							64	891 ✓					

70F526 CE # 308 3-66

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. 108-9 TO B.M. 108-10
B.M. 108-9									B.M. 108-9
1	209	080	510 5	260 158 102	131	110	432 5	183 79 104	AVE. N & 50th ST.
									SEE F.B. 3716-231
2	152	929	453 5	194 110 84	154	922	455 5	197 111 86	
				186				190	
3	180	789	481 5	227 133 94	136	979	437 5	184 88 96	⊼ R. SIEMANN
				280				286	
4	169	488	470 5	210 128 82	147	358	448 5	185 109 76	
				362				362	
5	157	959	458 5	178 136 42	131	959	432 5	151 111 40	
				404				402	
B.M. 108-10								404	B.M. 108-10
	870	245			702	328		806	AVE N & 55th ST. E.
	702	328							SEE F.B. 2842-16
	+167	917							

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

SURVEY BY G.E. DREIER DATE 12-17-71 WEATHER LIGHT BR. 49° CLEAR

NOTES BY G.E. DREIER DATE 12-17-71 TIME 10:50 INST. NO. 96716

INDEXED C. J. GALLI DATE NOTES CHKD. DATE ROD NO. 25896

F.B. 2842 PG. 65

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. 2842 Pg. 66
SURVEY OF L.A. Co. PRECISE LEVELNET
SURVEY BY G.E. DREIER NOTES G.E. DREIER 12-21-71
INDEXED C.J. GALLI DATE
JOB NO. 0301.02
WEATHER OVERCAST INST. NO. 96716
TIME 10:45 TO 11:05 ROD NO. 25 #96
NOTES CHKD DATE
44°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.108-10 TO B.M.108-9
B.M.108-10				168				215	B.M.108-10
1	117	051	418 5	66 102	165	264	466 5	115 108	AVE. N & 55th ST. E.
				194				257	SEE F.B. 2842-16
2	144	592	445 5	045 100	205	451	506 5	153 104	
				202				195=204	T. R. SIEMANN
3	161	683	462 5	211 100	145	846	446 5	95 100	
				302				259 304	
4	135	132	436 5	85 100	209	761	510 5	159 101	
				402				404	
								402	
	558	458	/		726	316	/	806	/
B.M.108-9					558	458			B.M.108-9
					167	858	/		AVE. N & 50th ST. E.
									SEE F.B. 3716-231

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
603 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 = 50°
SURVEY BY G.E. DREIER WEATHER CLOUDY INST. NO. 96 714
NOTES BY SIEMANN DATE 12-17-71 TIME 11:12 TO 11:30 ROD NO. 95 & 96
INDEXED C.J. GALLI DATE NOTES CHKD DATE
F.B. 2842 PG. 67

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 108-10 TO B.M. 108-11
B.M. 108-10													
1	124	806	425	5	1-6-7 81	86	129	504	430	5	1-7-1 87	84	B.M. 108-10
													AVE. N. 0.5 MI. E. OF 50TH ST. E.
2	160	035	462	5	2-1-0 112	98	132	090	433	5	1-8-3 81	102	SEE F.B. 2842-16
						184						186	
3	183	263	484	5	2-3-8 128	110	130	777	431	5	1-8-5 75	180	π = DREIER
						294						296	
4	165	733	466	5	2-0-1 129	72	135	273	436	5	1-7-0 100	70	
						366						366	
5	143	869	444	5	1-5-9 127	32	115	891	416	5	1-3-1 99	32	
						398 ✓						398 ✓	
B.M. 108-11												398	B.M. 108-11 (U.S.G.S. L.S. 28 1929)
	778	706 ✓					643	535 ✓				796	AVE. N. 960TH ST. E. S.W. COR.
	643	535											SEE F.B. 2842-17
	+ 135	171 ✓											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2842 Pg. 68 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-21-71

INDEXED C. J. GALLI DATE

WEATHER THIN OVERCAST T=43° INST. NO 96716

TIME 6:16 TO 10:40 ROD NO 95896

NOTES CHKD DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 108-11 TO B.M. 108-10
B.M. 108-11											B.M. 108-11 (U.S.G.S. L 5 28 192
1	120	304	421	5	167 73 94	178	472	479	5	226 130 96	AVE. N. & 60TH ST. E. N.W. COR.
										257	SEE F.B. 2842-17
2	132	312	433	5	180 84 96	209	291	510	5	161 96	
					190					192	
3	162	498	463	5	218 106 112	169	672	470	5	224 114 110	T = DREIER
					302					174 302	
4	133	220	434	5	182 84 98	125	828	426	5	76 98	
					400					400 ✓	
B.M. 108-10										400	B.M. 108-10 E.
	548	334	✓			683	263	✓		800	AVE. N. 0.5 M.E. OF 50TH ST.
						548	334				SEE F.B. 2842-16
						= 134	929	✓			

76P526 CE # 308 3-65

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
603 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= 50°
SURVEY BY G.E. DREIER WEATHER Cloudy INST. NO. 96714
NOTES BY SIEMANN DATE 12-17-71 TIME 11:35 TO 12:00 ROD NO. 95496
INDEXED C.J. GALLI DATE NOTES CHKD DATE
F.B. 2842 PG. 69

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 108-11 TO B.M. 108-12
B.M. 108-11	3												B.M. 108-11 (U.S.G.S. L.S. 2B 1929)
1	108	479	409	5	148 68	80	101	290	402	5	141 61	80	AVE. N. & 60TH ST. E. N.W. COR.
													SEE FB. 2842-17
2	157	006	458	5	202 1/2	90	118	076	419	5	164 72	92	
						170						172	
3	163	907	464	5	207 119	88	138	952	439	5	182 94	88	T = DREIER
						258						260	
4	147	837	448	5	191 103	88	141	930	442	5	185 97	88	
						346						348	
5	168	998	469	5	197 139	58	150	489	451	5	178 122	56	
						404 ✓						404 ✓	
B.M. 108-12												404	B.M. 108-12 (L.A.C.F.D. B.L. 690)
	746	227 ✓					650	737 ✓				808	AVE. N - 0.5 MI E. OF 60TH ST. E.
	650	737											SEE FB. 2842 - 18
	+ 95	490 ✓											

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. 108-12 TO B.M. 108-11
B.M. 108-12													B.M. 108-12 (L.A.C.RD. B.L. 690)
1	146	532	447	5	177 115	62	178	385	479	5	209 147	62	AVE. N. 0.5 MI. E. OF 60TH ST. E.
													SEE F.B. 2842-18
2	157	898	458	5	192 122	70	160	518	461	5	195 125	70	
						132						132	
3	156	119	457	5	190 122	68	160	337	461	5	194 126	68	
						200						200	π = DREIER
4	151	908	452	5	191 111	80	172	567	473	5	213 131	82	
						280						282	
5	141	385	442	5	180 102	78	203	786	504	5	242 164	78	
	753	842				358	875	593				360	
6	158	941	459	5	183 133	50	132	565	433	5	156 108	48	
						408						408	
B.M. 108-11												408	B.M. 108-11
	912	783					1008	158				816	AVE. N. & 60TH ST. E. N.W. COR.
							912	783					SEE F.B. 2842-17
							95	375					

T = 62°

WEATHER HAZY SUN INST. NO 96716

TIME 2:25 TO ROD NO 95896

NOTES CHKD DATE

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-20-71

INDEXED C. J. GALLI DATE

F.B. 2842 PG. 70

76P626 CE # 308 3-65

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
603 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 L.A. CO. PRECISE LEVEL NET T = 56°
SURVEY BY G.E. DREIER WEATHER WINDY F.B. 2842 PG. 71
NOTES BY SIEMANN DATE 12-17-71 INST. NO 96716
INDEXED C.J. GALLI DATE TIME 1:20 TO 1:40 ROD NO 95496
NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 108-12 TO B.M. 108-13A
B.M. 108-12	2												B.M. 108-12 (L.A.C.R.D. BL 690)
1	123	684	424	5	165 81	84	150	046	451	5	192 108	84	AVE. N. 0.5 E. OF 60TH ST. E.
													SEE F.B. 2842-18
2	234	213	535	5	274 194	80	147	309	448	5	180 106	74	
						164						158	
3	154	413	455	5	201 107	94	116	685	417	5	165 67	98	T = DREIER
						258						256	
4	174	367	475	5	219 129	90	122	615	423	5	188 76	92	
						348						348	
5	144	408	445	5	177 111	66	145	033	446	5	178 112	66	
						414	✓					414	✓
B.M. 108-13A												444	B.M. 108-13A (L.A.C.R.D. BL. 688)
	831	085	✓				681	688	✓			828	AVE. N. & 70TH ST. E. N.W. COR.
	681	688											SEE F.B. 3716-241
	+ 149	397	✓										

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 108-13A TO BM 108-12
B.M. 108-13A													B.M. 108-13A (L.A.C.R.D. B.L. 688)
1	146	722	447	5	181 / 191	70	156	446	457	5	191 / 121	70	AVE. N. & 70TH ST. E. N.W. COR.
													SEE F.B. 3716-241
2	143	148	444	5	177 / 109	68	180	063	481	5	214 / 146	68	
						138						138	
3	137	335	438	5	179 / 95	84	175	270	476	5	216 / 134	82	π = DREIER
						222						220	
4	146	380	447	5	179 / 113	66	174	596	475	5	207 / 141	66	
						288						286	
5	81	784	382	5	117 / 45	72	180	492	481	5	216 / 142	74	
						360						360	
6	204	582	505	5	232 / 176	56	142	254	443	5	170 / 114	56	
						416						416	
B.M. 108-12												416	B.M. 108-12
	859	951					1009	121				832	AVE. N. 0.5 MI. E. OF 60TH ST. E.
							859	951					SEE F.B. 2842-
							-149	170					

T=62°

WEATHER HAZY SUN INST. NO. 96716

TIME 2:00 TO 2:25 ROD NO. 95896

NOTES CHKD DATE

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-20-71

INDEXED C. J. GALLI DATE

F.B. 2842 PG. 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 T= 56°
SURVEY BY G.E. DREIER WEATHER WINDY INST. NO 96714
NOTES BY SIEMANN DATE 12-17-71 TIME 1:40 TO 1:45 ROD NO 95896
INDEXED C. J. GALLI DATE NOTES CHKD DATE
F.B. 2842 PG. 73

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 108-13A TO B.M. 108-13
B.M. 108-13A													B.M. 108-13A (L.A.C. DEPT. BL 688)
1	190	071	491	5	169	42	112	945	413	5	133 91	42	AVE. N & 70TH ST. E. N.W. COR
	112	945											SEE F.B. 3716-241
												42	
	+77	126										84	
B.M. 108-13													B.M. 108-13
													AVE. N. & 70TH ST. E. S.E. COR.
													SEE F.B. 3716-241

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. 108-13 TO B.M. 108-13A
B.M. 108-13													B.M. 108-13
↓	120	714	421	5	140 100	40	197	853	498	5	217 177	40	AVE. N. & 70TH ST. E. S.E. COR.
													SEE F.B. 3716-241
							120	714				40	⊼ = DREIER
							77	139				80	
B.M. 108-13A													B.M. 108-13A (L.D.C.R.D. BL 688)
													AVE. N. & 70TH ST. E. N.W. COR.
													SEE F.B. 3716-241

T = 62°

WEATHER HAZY SUN INST. NO. 96716

TIME 1:55 TO 2:00 ROD NO. 95 & 9

NOTES CHKD. DATE

F.B. 2842 PG. 74 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-20-71

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 5th Order
SURVEY BY C.E. DREIER
NOTES BY C.E. DREIER DATE 12-17-71 TIME 1:45 WEATHER Light wind
INDEXED C.J. GALLI DATE NOTES CHKD DATE
INST. NO 26716 ROD NO 25496
F.B. 2842 PG. 75

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM.108-13 TO BM.108-14
BM.108-13									BM.108-13
1	134 270	435	5	181 87 94	126 160	427	5	171 81 90	AVE N. & 70th ST. E. S.E. COR.
									SEE F.B. 3716-241
2	216 409	517	5	262 170 92	13 769	314	5	60 13 94	
				186				184	
3	196 722	497	5	241 151 90	179 700	479	5	224 132 92	R. SIEMMAN
				143 276				208 276	
4	97 011	398	5	51 92	162 935	463	5	116 92	
				368				368	
5	149 990	450	5	161 137 24	147 749	448	5	159 135 24	
				392				392	
BM.108-14								392	BM.108-14
	794 407				629 313			784	AVE. N & 75th ST. E. S.W. COR.
	629 313								SEE F.B. 2842-20
	+165 089								

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. 2842 PG. 76

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

SURVEY BY DREIER NOTES T. DUBASH 12-20-71

INDEXED C. J. GALLI DATE

WEATHER SUNNY-HAZE INST. NO 86716

TIME 1:30 - 4:50 ROD NO 95886

NOTES CHKD DATE

T=62°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM.108-14 TO B.M.108-13
B.M.108-14													B.M.108-14
1.	164	514	465	5	207/126	76	151	242	452	5	188/118	74	AVE. N & 75TH ST. E.
													SEE F.B. 2842-20
2.	212	650	513	5	248/176	72	127	529	428	5	162/92	70	
						148						144	
3.	150	231	451	5	185/115	70	236	619	537	5	277/198	76	
						218						220	
4.	55	679	356	5	91/19	72	230	264	531	5	245/165	70	⊼ R. SIEMANN
						290						290	
5.	138	411	439	5	176/100	76	179	304	480	5	216/142	74	
						366						364	
6.	157	860	458	5	179/153	26	119	401	420	5	133/105	28	
						392						392	
												392	
B.M.108-13	879	345					1044	359				784	B.M.108-13
							879	345					AVE "N" & 70TH ST. E. S.E. COR.
							-165	014					SEE F.B. 3716-24

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 — F.B. 2842 PG. 77
SURVEY BY G.E. DREIER — 56° PART CLOUDY
NOTES BY G.E. DREIER — DATE 12-17-71 — WEATHER LT. WIND — INST. NO 96716
INDEXED — C.J. GALLI — DATE — TIME 2:05 TO 2:25 — ROD NO 95896
NOTES CHKD — DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 108-14 TO B.M. 108-15
B.M. 108-14									B.M. 108-14
1	157	696	458 5	1203 2157 92	141	370	442 5	194 88 186	AVE. N. & 75th ST. E.
									SEE F.B. 2842-20
2	188	319	489 5	234 142 92	132	973	433 5	170 94 76	
				184				182	
3	216	579	517 5	263 169 94	110	960	411 5	138 62 96	
				278				278	
4	169	558	470 5	218 120 98	126	771	427 5	176 76 100	T R. SIEMANN
				376				378	
5	126	210	427 5	141 111 30	164	931	465 5	179 149 30	
				406				408	
B.M. 108-15								406	B.M. 108-15
	858362				677005			814	AVE. N & 80th ST. E
	677005								SEE F.B. 2842-21
	+181357								

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. 2842 PG. 78 JOB NO 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES T. OHASHI 12-20-71

INDEXED C. J. GALLI DATE

WEATHER SUNNY & HAZE INST. NO 26716

TIME 1:00 - 5:30 ROD NO 25 & 26

NOTES CHKD DATE

T = 64°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 108-15 TO B.M. 108-14
B.M. 108-16													B.M. 108-15 (RD DEPT BL 684)
1	200	051	501	5	235 165	70	180	770	481	5	215 145	70	AVE. N & 80TH ST. E.
													SEE F.B. 2842-21
2	134	438	435	5	170 98	72	173	545	474	5	211 135	76	
						142						146	
3	122	571	423	5	158 86	72	218	101	519	5	254 184	68	
						214	165					214	T R. SIEMANN
4	122	319	423	5	157 87	70	+66	940	466	5	199 131	68	
						284						282	
5	142	319	443	5	176 108	68	156	282	457	5	191 121	70	
						352						352	
6	160	230	461	5	196 144	52	168	639	469	5	194 142	52	
B.M. 108-14						404						404	B.M. 108-14
												404	AVE "N" & 75TH ST. E
	881	958					1063	277				808	SEE F.B. 2842-20
							881	958					
							-181	319					

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 — F.B. 2842 PG. 79

SURVEY BY G.E. DREIER — WEATHER 56° THIN CLOUDS LIGHT WIND — INST. NO. 26716

NOTES BY G.E. DREIER — DATE 12-17-71 — TIME 2:25 TO 2:50 — ROD NO. 95896

C.J. GALLI — DATE — NOTES CHKD — DATE — INDEXED

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 108-15 TO B.M. 108-16A
B.M. 108-15											204		B.M. 108-15
1	134	920	435	5	180 88	92	158	232	459	5	112	92	AVE. N & 80th ST. E. N.W. COR.
													SEE F.B. 2842-21
2	146	080	447	5	197 105	92	109	770	410	5	156 62	94	
						184						186	
3	164	719	465	5	210 118	92	148	750	449	5	193 103	90	T R. SIEMANN
						276						276	
4	157	860	458	5	203 111	92	100	190	401	5	141 49	92	
		270			184	368						368	
5	162	695	465	5	144	40	151	778	452	5	77 131	40	
						408						408	✓
B.M. 108-16A												408	B.M. 108-16A (L.A.C.R.D. B.L. 682)
	767	849	✓				668	220	✓			816	AVE. N & 85th ST. E., N.W. COR.
	668	720						7					SEE F.B. 2842-22
		12											
	+99	229	✓										
B.M. 108-15			RERUN		12-31-71		TEMP = 44°		CLEAR-WINDY		10:30 TO 10:50		
1	144	210	445	5	206 82	124	158	269	459	5	220 96	124	
2	189	561	490	5	241 137	104	142	601	443	5	193 91	102	
						228						226	
3	158	120	459	5	209 107	102	134	719	435	5	187 81	106	T R. SIEMANN
						330						332	
4	209	685	510	5	259 159	100	116	628	417	5	165 67	98	
					170	430						430	
5	156	611	457	5	142	28	207	011	508	5	221 193	28	
	858	187	✓			458	759	228	✓			458	✓
B.M. 108-16A	759	228										458	
												916	✓
	+98	959	✓										

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

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

Do not extend notes this side of this line.

INST. NO. 9/7/4 ROD NO. 25-94 DATE
WEATHER Sunny-Clear TIME 1:30 - 11:50 NOTES CHKD
T-64'
JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net.
SURVEY BY E.E. Roeder NOTES T. Ohashi 12-20-71
INDEXED C.J. Galli DATE
F.B. 2842 PG. 80

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M.108-16A TO B.M.108-15
B.M.108-16A													B.M.108-16A (L.A.Co.Rd.B.M.BL 68)
1.	148	306	449	5	184/112	72	192	641	493	5	228/156	74	AVE "N" & 85TH ST. E. N.W. Cor.
													SEE F.B. 2842-22
2.	140	459	441	5	175/105	70	172	696	473	5	206/138	68	
						142						142	
3.	170	132	471	5	205/135	70	178	640	479	5	214/142	72	T B. SIEMANN
						212						214	
4.	142	899	443	5	177/107	70	175	910	476	5	210/140	70	
						282						284	
5.	149	379	450	5	185/113	72	151	790	452	5	184/116	70	
						354						354	
6.	163	100	464	5	189/137	52	141	316	442	5	167/115	52	
						406						406	
												406	
B.M.108-15	914	275					1012	993				812	B.M.108-15 (RD. DEPT. B.L. 684)
							914	275					AVE "N" & 80TH ST. E. N.W. Cor.
							-98	718					SEE F.B. 2842-21
B.M.108-16A RERUN 1	-15	-72			TEMP		=40°	CLEAR			10:20 TO 10:		40
1	132	688	433	5	188/77	111	196	276	497	5	251/140	111	
2	156	069	457	5	206/102	100	178	371	479	5	229/124	102	
						211						213	
3	144	277	445	5	188/100	88	181	469	482	5	225/137	88	T R. SIEMANN
						299						301	
4	163	560	464	5	216/110	106	139	449	440	5	191/087	104	
						405						405	
Σ	596	594					695	565				405	
							596	594				810	
B.M.108-16A -15							-98	971					

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. 108-16A TO B.M. 108-16
B.M. 108-16A													B.M. 108-16A
1	192	060	493	5	205 179	26	136	841	437	5	151 121	30	AVE. N & 85TH ST. E. N.W. COR.
													SEE F.B. 2842-22
	136	841	~~437~~		+							26	~~T = DREIER~~
												56	
B.M. 108-16	55	219	/										B.M. 108-16
													AVE. N. & 85TH ST. E. S.E. COR.
													SEE F.B. 2842-22

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

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

NOTES BY SIEMANN DATE 12-20-71 TIME 10:30 TO 10:35 ROD NO. 95896

INDEXED C. J. GALLI DATE NOTES CHKD DATE

F.B. 2842 PG. 81

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. 2842 PG. 82 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-20-71

INDEXED C.J. GALL DATE

WEATHER CLEAR - HOT T = 64° INST. NO. 96714

TIME 11:20 TO 11:25 ROD NO. 2545

NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 108-16 TO B.M. 108-16A
B.M. 108-16													B.M. 108-16
	133	930	434	5	147 119	28	189	190	490	5	203 175	28	AVE. N. & 85TH ST. E. S.E. COR.
													SEE F.B. 2842 · 22
							133	930				28	T = DREIER
B.M. 108-16A							-55	260				56	(B.M. 108-16A (L.A.C.E.D. BL 682)
													AVE. N. & 85TH ST. N.W. COR.
													SEE F.B. 2842-22

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 = 58°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 12-20-71 WEATHER CLEAR INST. NO 96716

INDEXED C. J. GALLI DATE TIME 10:35 TO 10:50 ROD NO. 95896

NOTES CHKD DATE

F.B. 2842 PG 83

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 108-16 TO B.M. 107-16
B.M. 108-16									B.M. 108-16
1	179	622	480 5	220 138 82	56	608	357 5	98 14 84	AVE. N. & 85TH ST. E. S.E. COR.
									SEE F.B. 2842-22
2	195	352	496 5	233 157 76	80	605	381 5	119 41 78	
				158				162	
3	158	384	459 5	193 123 70	76	503	377 5	109 43 66	
				228				228	⊼ = DREIER
4	180	139	481 5	214 146 68	109	544	410 5	143 75 68	
				296				296	
5	132	276	433 5	170 94 76	78	594	379 5	116 40 76	
				372				372	
6	203	000	504 5	217 189 28	90	635	391 5	103 77 26	
				400				398	
B.M. 107-16								400	B.M. 107-16
	1048	773			492	489		798	AVE. N. & 90TH ST. E. S.W. COR.
	492	489							SEE F.B. 2840-24
+	556	284							
			RERUN	12-31-71	TEMP = 44°		WINDY-CLEAR		11:00 TO 11:20
B.M. 108-16									
1	235	034	536 5	287 183 104	70	329	371 5	121 19 102	
2	233	261	534 5	284 182 102	113	541	414 5	166 60 106	⊼ R. SIEMANN
				206				208	
3	244	070	545 5	294 194 100	131	515	432 5	180 82 98	
				306				306	
4	180	893	481 5	227 133 94	21	359	322 5	168 21 94	
	893	258		400	336	744		400	
	336	744						400	
B.M. 107-16 +	556	514						800	

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F.B. 2842 PG. 84 JOB NO. 0301.02 INST. NO. 96716
SURVEY OF L.A. CO. PRE CISE LEVEL NET ROD NO. 25826
SURVEY BY PREIER NOTES SIEMANN 12-30-71 DATE
INDEXED C. J. GALLI DATE
WEATHER CLEAR T= 62°
TIME 10:35 TO NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 107-16 TO B.M. 108-16
B.M. 107-16									B.M. 107-16
1	34	186	335 5	165 / 34 62	198	378	499 5	229 / 167 62	AVE. N. & 90TH ST. E. S.W. COR.
									SEE F.B. 2840-24
2	147	025	448 5	181 / 113 68	168	564	469 5	203 / 133 70	
				180				136	
3	109	684	410 5	146 / 72 74	208	163	509 5	246 / 170 76	
				204				208	T = DREIER
4	114	493	415 5	153 / 75 78	208	019	509 5	245 / 171 74	
				282				282	
5	105	141	406 5	239 / 71 68	215	412	516 5	249 / 181 68	
				350				350	
6	116	232	417 5	142 / 90 52	184	209	485 5	211 / 157 54	
				402				404	
B.M. 108-16								402	B.M. 108-16
	626	761			182	745		806	AVE. N. & 85TH ST. E. S.E. COR.
					626	761			SEE F.B. 2842-22
					555	984			
B.M. 107-16	RERUN 12-31-71			TEMP	= 44°	CLEAR - WINDY			11:20 TO 11:40
1	29	124	330 5	72 / 29 86	199	585	600 5	240 / 158 82	
2	148	410	449 5	199 / 97 102	236	451	537 5	287 / 185 102	
				188				184	
3	106	465	407 5	157 / 55 102	230	390	531 5	287 / 179 102	T R. SIEMANN
				290				286	
4	69	951	370 5	124 / 14 110	243	791	544 5	300 / 186 114	
	353	950		400	910	217		400	/
B.M. 108-16					353	950		400	
					556	267		800	/

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

L. A. CO. PRECISE LEVEL NET

Survey Id
JN 0301.02 Tape Std °F
Surveyed by A C GUNZALOO
Notes ACG Date 3/24/61
Indexed M. E. OTT MAY 1-5 61

F. B. 2842 Pg. 85

L. A. CO. PRECISE LEVEL NET

JOB NO. 0301.02

LINE 116

COMMENCING AT 90TH ST. E. & AVE I, PROCEEDING NORTH ALONG 90TH ST. E. TO AVE E. A TIE BETWEEN LINE 107 @ AVE I & LINE 106 @ AVE. E.

SEE F.B. 3715 - 139 TO 176

GUNZALOO	AC
GOBLE	AL
MOYA	EC
COOK	GE
AIKIN	GP

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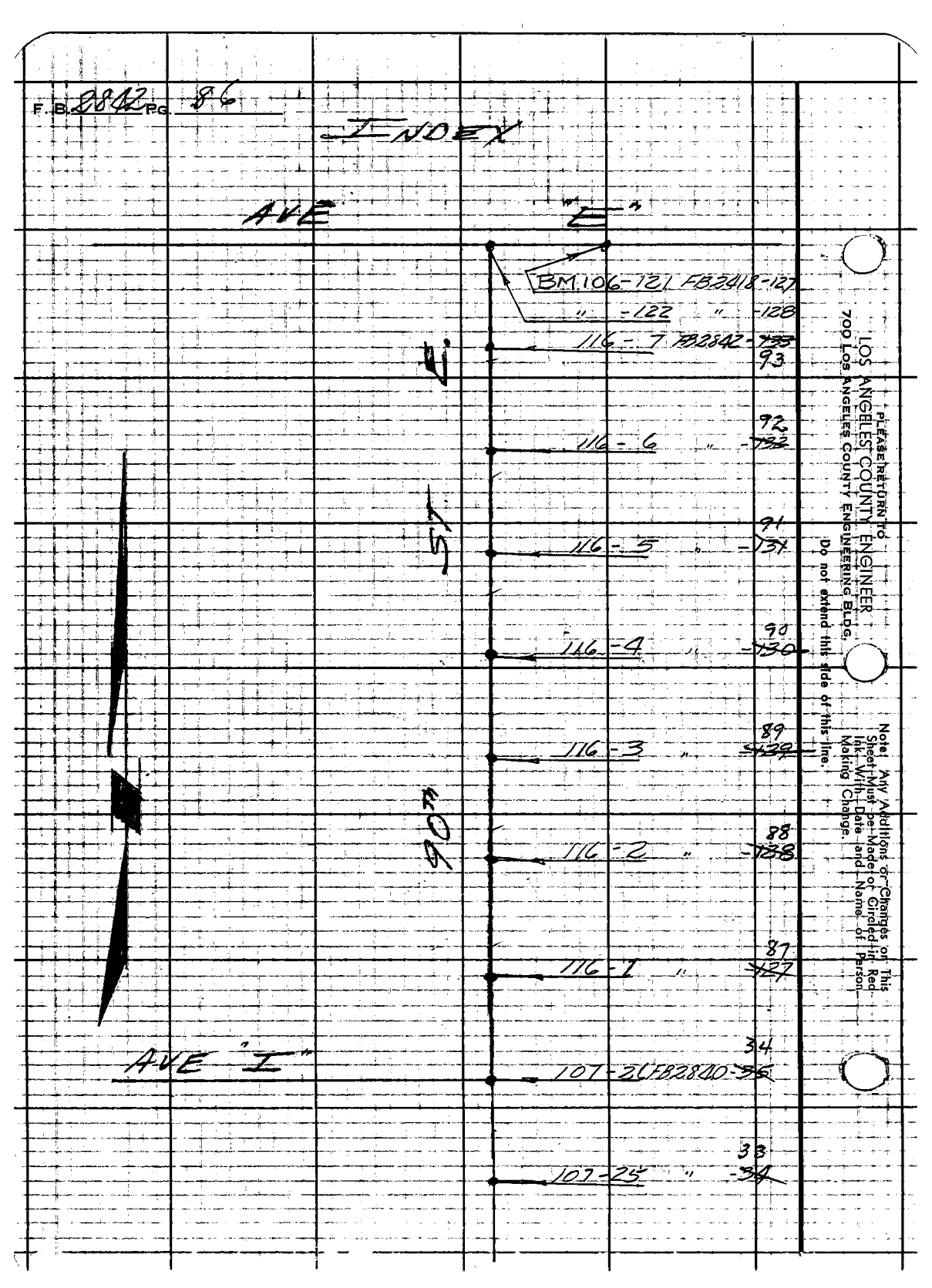
700 Los Angeles County Engineering Bldg.

76F309S S&E #247 11-58

F.B. 2842 PG. 86

INDEX



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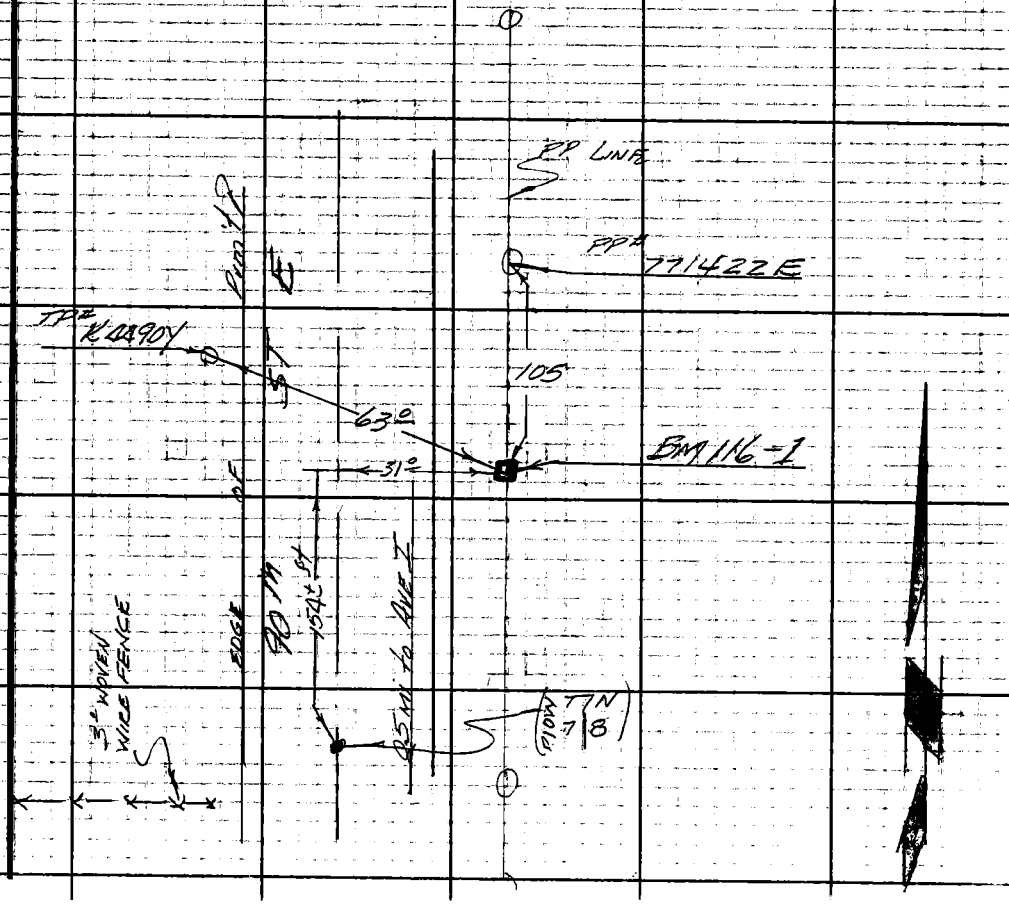
Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NET	F. B 2842 Pg. 87
Map No.	JN 030102 Tape Std °F	
Office Work	Surveyed by A.C. GILLADO	
Checked	Notes ACG Date 3/24/61	
Date	Indexed H. E. ON	

BM 116-1

90TH ST E & O.S N. OF AVE I E SIDE, SET A STD 2½" CO. ENGR BM BRASS CAP & IRON PIPE MON MKD "BM 116-1 RE 5869 1961" IN A 12" CONC POST, 154 FT± ALONG E NO OF ¼ Sec 31° E OF E OF Rd, 105° SO OF PP# 771422E & 63° ESE OF TP# K 4190Y



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76F3095 S&E #247 11-58

F. B. 2842 Pg. 88

BM 116-2

90TH ST. E. & AVE H, NE COR.,
SET A STD 1½" CO ENGR BM BRASS
CAP & IRON PIPE MON. MK'D "BM
116-2 RE 5869 1961" IN A 12" CONC
POST, 32± NO. OF ℄ AVE H, 115± E OF
℄ 90TH ST E, 57± NO. OF TP #K6702Y &
145± SE OF PP# 771431E

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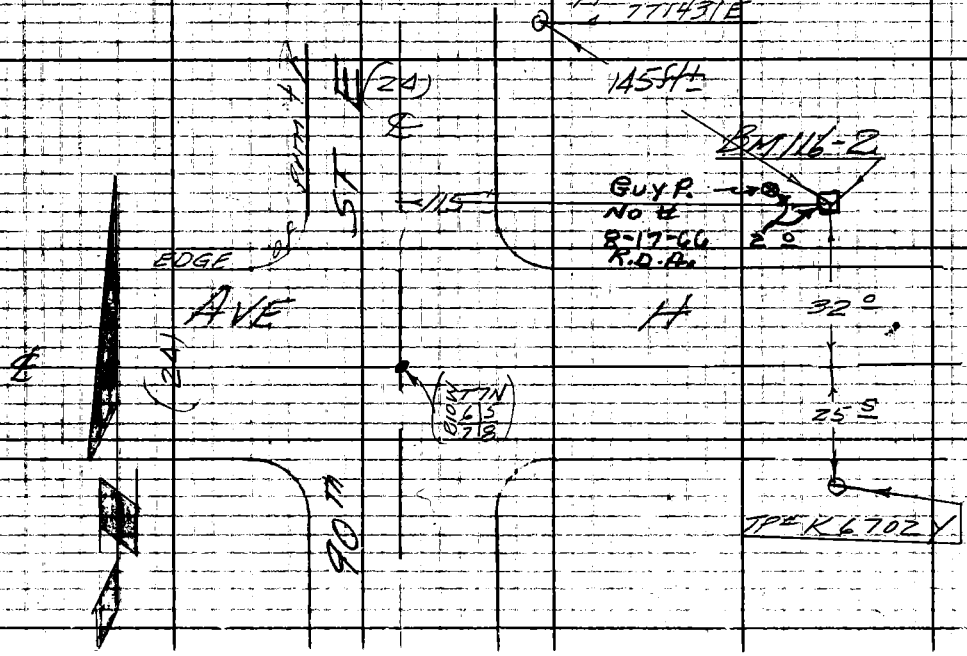


Notes Ck'd by	
Map No.	
Office Work	
Checked	
Date	

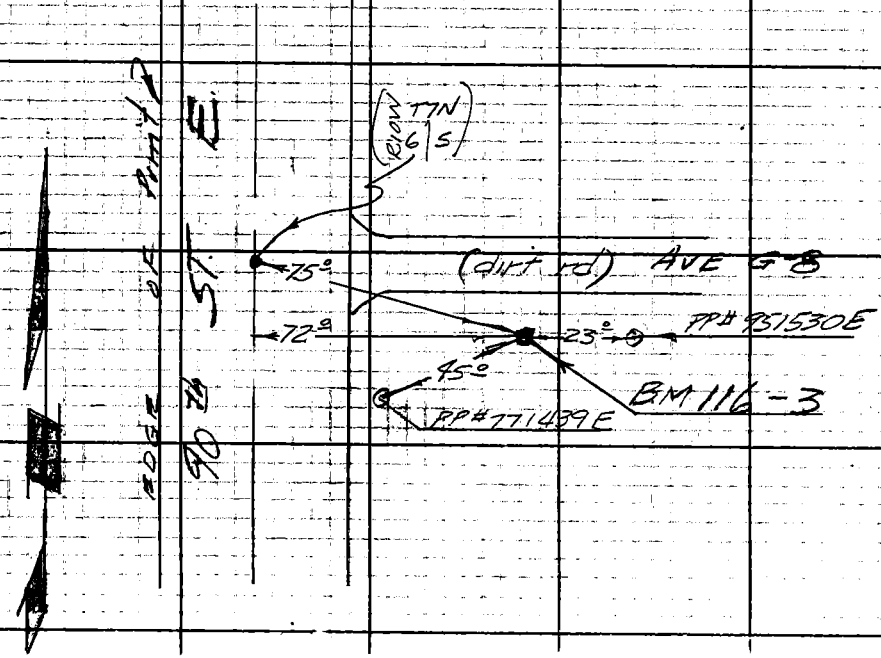
L.A. CO. PRECISE LEVEL NET

F. B. 3842 PG. 89

Survey of
JN 0301.02 Tape Std °F
Surveyed by A.C. GUIZADO
Notes ACG Date 3/22/61
Indexed H. E. ON

BM 116-3

90TH ST. E. & AVE G-8 (a dirt rd) @ S.E. COR, SET A STD 2½" CO. ENGR. BM BRASS CAP & IRON PIPE MON MK'D "BM, 116-3 RE 5869 1961", AND LETTERED IN A 12" SQUARE CONC. POST, 75 E.S.E. FROM E WT, 72° E. OF S 90TH ST E, 45° NE FROM PP# 771439E & 23° W FROM PP# 951530E.



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76F309S S&E #247 11-58

F.B. 2842 Pg. 90

BM 116-4

90th ST E & AVE G (dirt rd)

SW COR, SET A STD 2" ENGR BM BRASS CAP & IRON PIPE MON MK'D "BM 116-4 RE 5869 1961" IN A 12" CONC POST, 28± W. OF ℄ OF ROAD, 75± SW OF ℄ INT, 60± N. OF TP # K 1765 Y & 66± W. OF PP # 771449 E

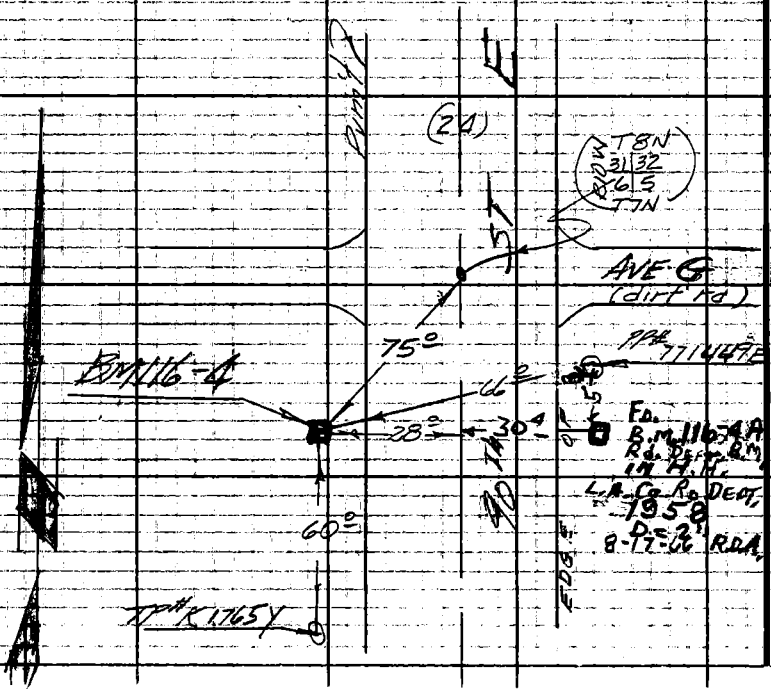
Fd. B.M. 116-4A

90TH. ST. E. & AVE. G (dirt rd.)

S.E. COR. L.A. Co. Rd. Dept. B.M. IN H.H. (dia. 8")

MK'D L.A.Co. Rd. Dept. 1958 D = 2"

30± E. OF APPROX. ℄ & 34± S.E. OF ℄ INT. 5± SO. OF P.P. # 771449 E 8-17-66 P.D. ANDERSON



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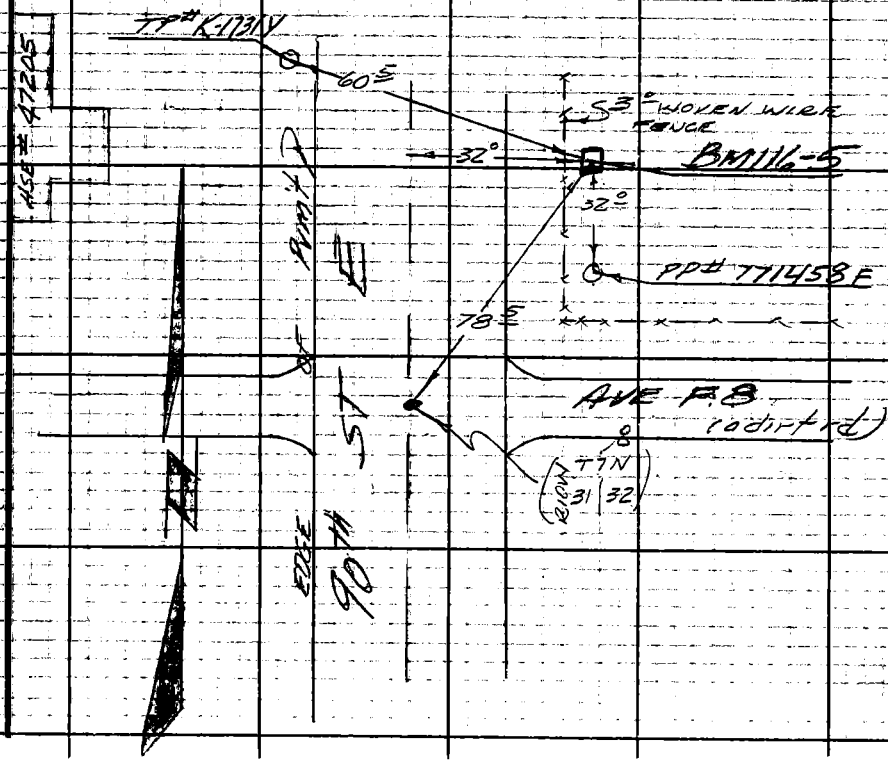
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 3/27/67
Date	Indexed H. E. OTT

F. B. 2842 PG. 91

BM 116-5

90TH ST E & AVE F-8 (adjt rd)

NE COR, SET A STD 2¼" CO ENGR BM BRASS CAP & IRON PIPE MON MK'D "BM 116-5 RE 5869 1961" IN A 12" CONC. POST, 78.5 NE OF ℄ INT, 32° E OF ℄ 90TH ST E, 60.5 ESE OF TP# K-1731-Y & 32° NO OF PP# 771458 E



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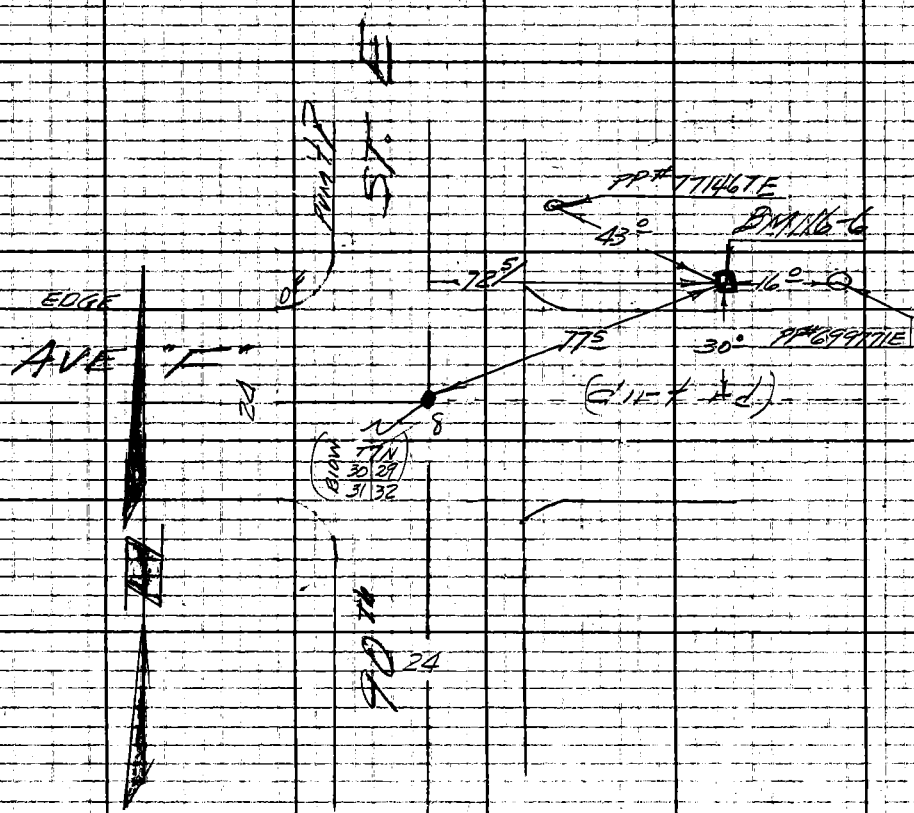
76F309S S&E #247 11-58

F.B. 2842 PG. 92

BM 116-6

90TH ST E & AVE F (a dirt rd on E side) on NE cor, set a 2½" STD CO. ENGR BM BRASS CAP MON & IRON PIPE MK'D "BM 116-6 RE5869 1961" IN A CONCRETE POST 12"x12", 77.5 NE of ℄ INT, 30° N. of ℄ AVE F prod. EAST, 72.5 E of ℄ 90TH ST E, 43° SE of PP# 771467E & 16° W of PP# 699771E



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Checked
Date

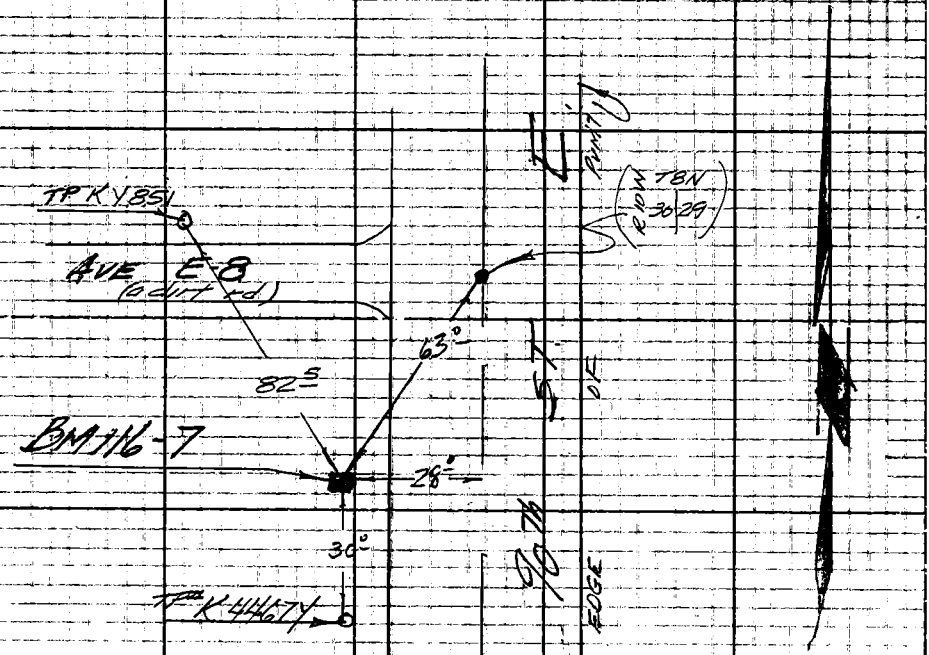
L.A. CO. PRECISE LEVEL NET

JN 0351.07 Tape Std °F
Surveyed by A.C. GUIZADO
Notes ACG Date 3/27/61
Indexed H. E. OTT

F. B. 2842 PG. 93

BM 116-7

90TH ST E & AVE E-8 (adirt rd.) IN SW COR, SET A STD CO. 2 1/4" ENGR BM BRASS CAP & IRON PIPE MON MK'D "BM 116-7 RE 5869 1961" IN A 12" CONC POST, 63° SW OF ℄ INT, 28° W OF E 90TH ST E, 682± SE OF TP* KY 851



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76F3095 | S&E #247 11-58

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F. B. 2842 PG 94

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date
Date	Indexed C. J. GALLI APR 26 '72

F.B. 2842 Pg. 95

JOB NO. 0301.02

L.A.CO. PRECISE LEVEL NET

LINE NO. 116, 1972 RELEVELING

DESCRIPTION REFERENCES

F.B. 2842 - 85 TO 94

F.B. 3775 - 159 TO 176

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

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76F309s CE#310 3-68

ROUTE SKETCH, LINE NO 116

F. B. 2842 Pg 96

1972 RELEVELING

AVE. E

(LINE NO. 106)

B.M. 106-121, F.B. 2418-127

B.M. 106-122
F.B. 2418-128

B.M. 116-7
F.B. 2842-93

AVE. F

B.M. 116-6
F.B. 2842-92

B.M. 116-5
F.B. 2842-91

AVE. G

B.M. 116-4A
F.B. 2842-90

90th ST. E.

B.M. 116-4
F.B. 2842-90

B.M. 116-3
F.B. 2842-89

AVE. H

B.M. 116-2
F.B. 2842-88

B.M. 116-1
F.B. 2842-87

AVE I

LINE NO. 107

B.M. 107-26
F.B. 2840-34

B.M. 107-27
F.B. 2840-35

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76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-76°
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 4-21-72 WEATHER Sunny & Breezy INST. NO. 96716
INDEXED C. J. GALLI DATE APR 26 72 TIME 9:55 ROD NO. 1713 [illegible]
NOTES CHKD. DATE
F.B. 2842 PG. 97

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	156	699	457 5	158 / 154 4	174	429	475 5	201 / 147 54	54 M- 4 M= 50 M=0. 20mm
2	157	321	458 5	159 / 155 4	139	480	440 5	166 / 112 54	54 M- 4 M= 50 M=0. 20 mm
	314	020		8	313	909		108	
	313	869				040 mm		8	
	+	151			~~0.~~	~~mm~~		~~100~~	Curvature Corr.=0.40 mm
					313	869		100	
					-				
	+	0.015		mm= "C"					
	100	1.510							
								mm= "C"	

FOR DETERMINATION OF "C" ON 4-20-72 SEE F.B. 2867-134

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F.B. 2842 PG. 98 — JOB NO. 0301.02 — SURVEY OF L.A. Co. Precise Level Net — SURVEY BY Dreier — NOTES Maldonado 4-24-72 — INDEXED C. J. GALLI — DATE

T-72°

WEATHER Sunny & Windy — TIME 10:05 — NOTES CHKD — DATE

INST. NO. 96716 — ROD NO. 17134

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	158	959	459 5	160 156 4	164	290	465 5	191 137 54	54 M-4 M=50 M=0.20 mm
2	156	969	457 5	158 154 4	151	569	452 5	178 124 54	54 M-4 M=50 M=0.20 mm
	315	928		8	315	859		108	
	315	819				040 mm		8	Curvature Corr. = 0.40 mm
		109			315	819		100	

+ .010 mm = "C"

100) 1.09

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T-68° F.B. 2842 PG. 99

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

NOTES BY Maldonado DATE 4-25-72 TIME 10:00 ROD NO. 1713A&

INDEXED C. J. GALLI DATE APR 26 '72 NOTES CHKD ____ DATE ____

76P526B CE # 308 8/68

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM ____ TO ____
	DETERMINATION OF "C"												
	NEAR ROD						FAR ROD						
					161			934			167		
1	159	690	460	5	157	4	140	~~928~~	441	5	113	54	54 M-4 M=50 M=0.20 mm
					164						207		
2	162	171	463	5	160	4	180	869	481	5	153	54	54 M-4 M=50 M=0.20 mm
	321	861				8	321	803				108	
	321	763						040 mm				8	
	+	098					-0.	mm					Curvature Corr.=0.40 mm
							321	763				100	
							~~321~~						
							-						

+ .009 mm= "C"

100 / 0.980
900
80

/ ____ mm= "C"

F.B. 2842 Pg. 100 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES

INDEXED DATE

WEATHER INST. NO. 9671

TIME ROD NO. 7134

NOTES CHKD DATE

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

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 640 F.B. 2842 Pg. 101
SURVEY BY G.E. DREIER WEATHER SUNNY INST. No 26714
NOTES BY SIEMANN DATE 4-20-72 TIME 10:50 TO 11:15 ROD No 17348
INDEXED G.J. GALLI DATE APR 26 72 NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 107-27 TO B.M. 107-26
M.107-27									B.M. 107-27
1	1470	750	4480	5 169 225 44	1447	0345	4455	5 166 122 44	AVE. I & 85TH ST. E. N.W. COR.
									SEE F.B. 2840-35
2	1591	1210	4600	5 190 128 62	1200	8300	4210	5 151 89 62	
				106				106	
3	1800	3750	4810	5 209 151 58	1300	3620	4310	5 159 101 58	
				164				164	
4	1620	4190	4630	5 191 133 58	1560	3710	4570	5 185 127 58	Π = MALDONADO
				222				222	
5	1420	7820	4430	5 172 112 60	1510	5620	4520	5 182 120 62	
				282				284	
6	1530	2380	4540	5 183 123 60	1410	6380	4420	5 171 111 60	
				342				344	
7	1510	7830	4520	5 184 118 66	1580	3020	4590	5 190 126 64	
				408				408	
M.107-26								408	B.M. 107-26
	0967	9300			1003	7680		816	AVE. I & 90TH ST. E. S.W. COR.
	1003	7680							SEE F.B. 2840-34
+	930	2500							

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. 2842 PG. 102 JOB NO. 0301.02
SURVEY OF L.A.CO. PRECISE LEVEL NET
SURVEY BY PREIEC NOTES SIEMANN 4-25-72 DATE
INDEXED C.J. GALLI DATE
NOTES CHKD DATE
WEATHER SUNNY, BREEZE INST. NO. 96716
TIME 1:20 TO 11:40 ROD NO. 17342
T= 70°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 107-26 TO B.M. 107-27
B.M. 107-26													B.M. 107-26
1	112	928	413	5	143 81	62	113	163	413	5	143 179	68	AVE. I & 90TH ST. E. S.W. COR.
E	~~144~~	497	445	5	174 114	60				5			SEE F.B. 2840-34
1	113	329	414	5	144 82	122 62	111	659	412	5	143 79	64	
2	141	418	442	5	171 111	60	150	622	451	5	179 121	58	
3	152	563	453	5	182 122	122 60	139	759	440	5	169 109	122 60	T= MALDONADO
4	157	233	458	5	187 127	182 60	163	436	464	5	194 132	182 62	
5	130	028	431	5	160 100	242 60	179	303	480	5	208 150	244 58	
6	123	141	424	5	153 93	302 60	163	233	464	5	193 133	302 60	
7	149	434	450	5	172 126	362 46	151	941	452	5	174 128	362 46	
						408						408	
B.M. 107-27												408	B.M. 107-27
	967	146					1059	953				816	AVE. I & 85TH ST. E. N.W. COR.
							967	146					SEE F.B. 2840-35
						-	928	07					

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= 64°
SURVEY BY G.E. DEELEE WEATHER SUNNY INST. NO 26716
NOTES BY SIEMANN DATE 4-20-72 TIME 11:25 TO 11:45 ROD NO 17348
INDEXED C. J. GALLI DATE APR 26 72 NOTES CHKD DATE
F.B. 2842 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. 107-26 TO B.M. 116-1
M.107-26													B.M. 107-26
1	122	381	423	5	151 93	58	179	672	480	5	209 149	60	AVE. I & 90TH ST. E. S.W. COR.
													SEE F.B. 2840-34
2	125	462	426	5	155 95	60	184	429	485	5	213 155	58	
						118						118	
3	133	358	434	5	161 105	56	177	285	478	5	204 150	54	
						174						172	
4	123	027 ~~127~~	424	5	154 92	62	175	312	476	5	205 145	60	
						236						232	
5	113	648	414	5	143 83	60	177	171	478	5	208 146	62	T = MALDONADO
						296						294	
6	126	698	427	5	155 97	58	167	193	468	5	193 139	56	
						354						350	
7	123	966	424	5	152 94	58	159	916	460	5	188 130	58	
						412						408	
8	142	453	443	5	158 126	32	110	789	449		136 100	36	
						444	/					444	/
M.116-1												444	B.M. 116-1
	101	0993	/				1339	767	/			888	90TH ST. E. 0.5 MI. N. OF AVE. I.
							1010	993					SEE F.B. 2842-87
							= 328	774	/				

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. 2842 PG. 104 JOB NO 0330.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-25-72

INDEXED C.J. GALLI DATE

WEATHER SUNNY, BREEZE INST. NO 76716

TIME 10:30 TO 11:00 ROD NO 11341

NOTES CHKD DATE

T = 70°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 116-1 TO B.M. 107-26
B.M. 116-1													B.M. 116-1
1	134	067	435	5	165 / 103	62	144	360	445	5	176 / 112	64	90TH ST. E. 0.5 MI. N. OF AVE. I.
													SEE F.B. 2842-87
2	180	153	481	5	210 / 150	60	134	202	435	5	163 / 105	58	
						122						122	
3	181	852	482	5	211 / 151	60	130	618	431	5	161 / 99	62	
						182						184	
4	187	304	488	5	217 / 157	60	133	752	434	5	163 / 103	60	
						242						244	T = MALDONADO
5	186	285	487	5	216 / 156	60	131	816	432	5	161 / 101	60	
						302						304	
6	181	601	482	5	211 / 151	60	12[illegible]	728	430	5	159 / 99	60	
						362						364	
7	180	018	481	5	209 / 151	58	133	552	434	5	161 / 105	56	
						420						420	
8	133	757	434	5	145 / 121	24	98	081	399	5	110 / 86	24	
						444 /						444 /	
B.M. 107-26												444	B.M. 107-26
	365	037 /										888	90TH ST. E. & AVE. I S.W. COR.
	1036	309					1036	309 /					SEE F.B. 2840-34
+	328	728 /											

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 116-1 TO BM 116-2
BM 116-1													BM 116-1
					141						222		
1	108	669	409	5	75	66	187	649	488	5	152	70	90th St. E. & 0.5 mi N. of Ave. "I"
					185						219		See F.B. 2842-87
2	150	530	451	5	115	70	185	830	486	5	151	68	
					176	136					226	138	T-Siemann
3	140	641	441	5	104	72	190	029	491	5	154	72	
					179	208					225	210	
4	144	021	445	5	109	70	190	785	491	5	155	70	
					178	278					215	280	
5	143	702	444	5	108	70	181	750	482	5	147	68	
					167	348					145	348	
6	143	055	444	5	119	48	121	390	422	5	97	48	
						396						396	
												396	BM 116-2
	830	618					1057	433				792	90th St. E. & Ave. "H" N.E. Cor.
BM 116-2							830	618					See F.B. 2842-88
							226	815					

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-20-72

INDEXED C. J. GALLI DATE APR 26 '72

WEATHER Sunny & Calm INST. NO. 96716

TIME 2:05 to 2:25 ROD NO. D13A

NOTES CHKD. DATE

T-78°

F.B. 2842 PG. 105

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. 2842 PG. 106 JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 4-25-72
INDEXED G.J. GALLI DATE
WEATHER Sunny & Calm INST. NO 9671
TIME 10:05 To 10:30 ROD NO 1234
NOTES CHKD DATE
T-68'

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM 116-2 TO BM 116-1
BM 116-2					177						184		BM 116-2
1	136	481	437	5	95	82	141	908	442	5	98	86	90th St. E & Ave. H N.E.Cor.
					232						178		See F.B. 2842-88
2	192	505	493	5	152	80	138	949	439	5	98	80	
					224	162					174	166	
3	189	519	490	5	154	70	142	660	443	5	110	64	T-Siemann
					211	232	7				177	230	
4	181	928	482	5	151	60	149	243	448	5	118	59	
					215	292					184	289	
5	185	760	486	5	155	60	154	459	455	5	124	60	
					202	352					137	349	
6	179	699	480	5	156	46	113	390	414	5	88	49	
						398						398	
												398	
	1065	892	/				838	609	/			796	/ BM 116-1
	838	609											90th St. E & 0.5 mi. N. of Ave. I
BM 116-1	227	283	/										See F.B. 2842-87

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 Maldonado DATE 4-25-72

INDEXED C. J. GALLI DATE APR 26 72

WEATHER Sunny & Calm

TIME 1:05 to 1:30

NOTES CHKD

DATE

INST. NO. 96716

ROD NO 17 B A & E

F.B. 2842 PG. 107

T-78°

STATION	BACKSIGHT Re-Run RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM 116-2 TO BM 116-1
BM 116-2					152						171		BM 116-2
1	122	261	423	5	92	60	140	889	441	5	109	62	90th St. E & Ave. "H" N.E. Cor
					215						178		see F.B. 2842-88
2	185	780	486	5	155	60	148	940	449	5	118	60	
					208	120					176	122	
3	183	780	484	5	158	50	152	567	453	5	128	48	T-Siemann
					210	170					174	170	
4	185	791	486	5	160	50	150	068	451	5	126	48	Re-Run
					209	220					180	218	
5	184	380	485	5	159	50	156	869	457	5	132	48	
					209	270					170	266	
6	184	042	485	5	159	50	144	532	445	5	118	52	
					200	320					181	318	
7	175	951	476	5	150	50	156	531	457	5	131	50	
					184	370					130	368	
8	~~170~~	~~551~~	~~471~~	~~5~~	~~156~~	~~28~~	~~115~~	~~271~~	~~416~~	~~5~~	~~100~~	~~30~~	
						398						398	
												398	
	1392	536					1165	667				796	BM 116-1 " "
BM 116-1	1165	667											90th St. E & 0.5 mi. N. of Ave. I
	+226	869											see F.B. 2842-87

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. 2842 PG. 108 JOB NO 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES

INDEXED DATE

T = 78°

WEATHER Sunny INST. NO 26711

TIME ROD NO 17343

NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 116-2 TO BM 116-1
				157					BM 116-2
1	122	261	423 5	92 to					

76R526B 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 116-2 TO BM 116-3
BM 116-2					135						247		BM 116-2
1	94	803	395	5	53	82	206	110	507	5	165	82	90th St. E & Ave. "H" N.E. Cor
					161						245		see F.B. 2842-88
2	189	798	420	5	77	84	202	220	503	5	159	86	
					172	166					231	168	
3	132	751	433	5	92	80	192	449	493	5	153	78	T-Siemann
					183	246					240	246	
4	142	290	443	5	101	82	200	359	501	5	160	80	
					192	328					224	326	
5	152	189	453	5	112	80	184	171	485	5	144	80	
					173	408					173	406	
6	165	748	466	5	157	16	164	531	465	5	155	18	
						424						424	BM 116-3
BM 116-3												424	90th St. E & Ave. G-8
	807	579					1149	840				848	see F.B. 2842-89
							807	579					
							342	261					

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-20-72

INDEXED C. J. GALLI DATE APR 26 72

WEATHER Sunny & Br. INST. NO. 9671

TIME 10:05 to 10:30 ROD NO. 1713 Ast

NOTES CHKD. DATE

T-76°

F.B. 2842 PG. 109

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. 2842 PG. 110 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-24-72

INDEXED C.J. GALLI DATE

WEATHER Sunny & Windy INST. NO 26716

TIME 2:05 to 2:30 ROD NO 2734

NOTES CHKD DATE

T = 76°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 116-3 TO BM 116-2
BM 116-3					213						180		BM 116-3
1	185	109	486	5	157	56	151	130	452	5	122	58	90th St. E. & Ave. G-8
					208						174		See F.B. 2842-89
2	178	061	479	5	148	60	143	702	444	5	112	62	
					211	116					181	120	
3	181	181	482	5	151	60	152	589	453	5	123	58	T-Siemann
					226	176					175	178	
4	195	898	496	5	164	62	143	311	444	5	111	64	
					234	238					164	242	
5	199	060	500	5	164	70	131	540	432	5	98	66	
					234	308					177	308	
6	204	709	505	5	174	60	146	330	447	5	115	62	
					211	368					144	370	
7	193	567	494	5	175	36	126	683	427	5	108	36	
						404 ✓						406 ✓	
												404 ✓	
	1337	585 ✓					995	285 ✓				810 ✓	BM 116-2
BM 116-2	995	285											90th St. E. & Ave. H N.E. Cor.
+	342	300 ✓											See F.B. 2842-88

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 T-78
SURVEY BY Maldonado G.E. Dreyer DATE 4-21-72 WEATHER Sunny & Br INST. NO. 96714
NOTES BY E. J. GALLI DATE APR 26 72 TIME 10:30 to 10:50 ROD NO 17134
INDEXED DATE NOTES CHKD DATE
F.B. 2842 PG. 111

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 116-3 TO BM 116-4
BM 116-					186½						203		BM 116-3
1	164	642	465	5	164 2	44	180	338	481	5	157	46	96th St. E & Ave. G-8
					157						219		see F.B. 2842-89
2	116	902	417	5	76 5	82	183	175	484	5	147	72	
					192	126					327	118	X-Siemann
3	151	032	452	5	110	82	185	669	486	5	143	84	
					184	208					225	202	
4	144	290	445	5	104	80	185	359	486	5	145	80	
					155	288					254	282	
5	115	227	416	5	75	80	212	345	513	5	170	84	
					164	368					191	366	
6	149 50	039	451	5	136	28	176	970	477	5	161	30	
						396						396	
												396	
	842	132					1123	856				792	BM 116-4
BM 116-4							842	132					96th St E & Ave G S.W. Cor.
							281	724					see F.B. 2842-90

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. 2842 PG. 112 — JOB NO. 0301.02 — T-76°

SURVEY OF L.A.Co. Precise Level Net — NOTES Maldonado 4-24-72

SURVEY BY Dreier — DATE

INDEXED C.J. GALLI — DATE

WEATHER Sunny & Wind — INST. NO. 9671

TIME 1:40 to 2:05 — ROD NO. 1113

NOTES CHKD — DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 116-4 TO BM 116-3
BM 116-4					234						166		BM 116-4 " "
1	199	640	500	5	164	70	129	020	430	5	92	74	90th St. E & Ave. G S.W. Cor.
					231						164		See F.B. 2842-90
2	201	341	502	5	171	60	134	281	435	5	104	60	
					202	130					180	134	
3	172	270	473	5	142	60	151	300	452	5	122	58	T-Siemann
					217	190					174	192	
4	187	499	488	5	157	60	144	338	445	5	114	60	
					197	250					172	252	
5	167	460	468	5	137	60	147	590	448	5	117	60	
					224	310					171	312	
6	194	400	495	5	164	60	142	970	443	5	113	58	
					188	370					178	370	
7	173	389	474	5	158	30	164	999	465	5	150	28	
						400	/					398	/
												400	
	1295	999	/				1014	798	—			798	/ BM 116-3
BM 116-3	1014	798						4					90th St. E & Ave G-8
	4281	701	/										See F.B. 2842-89
		5											

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. 116-4 TO B.M. 116-4A
B.M. 116-4													B.M. 116-4 (U.S.C.&G.S. 116-4)
1	150	502	451	5	155 145	10	184	909	485	5	189 179	10	90TH ST. E. & AVE. G. S.W. COR.
													SEE F.B. 2842-90
							150	502				10	~~T= MALDONADO~~
M. 116-4A						-	34	407	1			20	B.M. 116-4A (L.A. CO. RD. DEPT. D-2)
													90TH ST. E. & AVE. G. S.E. COR.
													SEE F.B. 2842-90

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=76°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 4-21-72 WEATHER SUNNY INST. NO. 96716

INDEXED C. J. GALLI DATE APR 26 72 TIME 10:50 TO 11:00 ROD NO. 71348

NOTES CHKD. DATE

F.B. 2842 PG. 113

F.B. 2842 PG. 114

JOB NO 8301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY PRECISE NOTES SIEMANN 4-24-72

INDEXED C. J. GALLI DATE

NOTES CHKD DATE

WEATHER WINDY, SUNNY INST. NO 9677

TIME 1:40 TO 1:45 ROD NO 7138

T = 78°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.		STADIA	RIGHT		MIC.	LEFT.		STADIA	FROM B.M. 116-4A TO B.M. 116-4
B.M. 116-4A													B.M. 116-4A (L.A.CO.R.P. DEPT. D-2
						191						157	90TH ST. E. & AVE. G. S. E. COR.
1	186		669	487	5	181	152		267	453	5	147	10 SEE F.B. 2842 - 90
													T =
	152		267										10
B.M. 116-4	+34		402	/									20 B.M. 116-4 (U.S.C.&G.S. 116-4)
													90TH ST. E. & AVE. G. S. W. COR.
													SEE F.B. 2842 - 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=76°
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO. 26716
NOTES BY SIEHANN DATE 4-21-72 TIME 11:00 TO 11:25 ROD NO. 17348
INDEXED G.J. GALLI DATE APR 26 72 NOTES CHKD DATE
F.B. 2842 Pg. 115

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 116-4A TO B.M. 116-5
B.M. 116-4A											B.M. 116-4A (L.A.CO.RD. DEPT. D-2)
1	146	400	447	5	176 116 60	152	589	453	5	182 122 60	90TH ST. E. & AVE. G. S.E. COR.
											SEE F.B. 2842-90
2	105	941	406	5	135 75 60	158	918	459	5	188 128 60	
					120					120	
3	124	099	425	5	154 94 60	168	551	469	5	198 138 60	
					180					180	
4	138	103	439	5	168 108 60	140	802	441	5	171 109 62	
					240					242	T = MALDONADO
5	138	062	439	5	167 109 58	166	560	467	5	195 137 58	
					298					300	
6	121	911	422	5	153 89 64	171	852	472	5	203 139 64	
					362					364	
7	123	166	424	5	155 91 64	195	237	496	5	226 164 62	
					426					426	
B.M. 116-5										426	B.M. 116-5 (U.S.C.&G.S. 116-5)
	897	382				1154	509			852	90TH ST. E. & AVE. F-8 N.E. COR.
						897	382				SEE F.B. 2842-91
					-	257	127				

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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 B.M. 116-5 TO B.M. 116-4A
B.M. 116-5									B.M. 116-5 (U.S.C.&G.S. 116-5)
1	171	408	472 5	199 143 56	120	338	421 5	148 92 56	90TH ST. E. & AVE. F-8 N.E. COR.
									SEE F.B. 2842-91
2	172	417	473 5	201 143 58	131	767	432 5	161 101 60	
				114				116	
3	179	270	480 5	209 149 60	122	298	423 5	152 92 60	
				174				176	
4	141	615	442 5	171 111 60	146	742	447 5	176 116 60	π MALDONADO
				234				236	
5	163	842	464 5	193 133 60	128	589	429 5	158 98 60	
				294				296	
6	188	359	489 5	218 158 60	136	557	437 5	166 106 60	
				354				356	
7	173	484	474 5	202 144 58	137	599	438 5	165 109 56	
	1190	495		412	925	690		412	
8	155	757	456 5	167 143 24	165	331	466 5	177 153 24	
				436				436	
B.M. 116-4A								436	B.M. 116-4A (L.A. CO. RD. DEPT. D-2)
	1346	852			1089	221		872	90TH. ST. E. & AVE. G. S.E. COR.
	1089	221							SEE F.B. 2842-90
	+ 256	931							

F.B. 2842 PG. 116 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-24-72

INDEXED G. J. GALLI DATE

WEATHER SUNNY, WINDY INST. NO. 96716

TIME 1:05 TO 1:40 ROD NO. 1713A

NOTES CHKD DATE

T = 78°

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 TE 76°
SURVEY BY G.E. DREER WEATHER SUNNY INST. NO 216716
NOTES BY S.E. MANN DATE 4-21-72 TIME 11:25 to 12:00 ROD NO 1713 A&E
INDEXED J.J. GALLI DATE APR 26 72 NOTES CHKD DATE
F.B. 2842 Pg 1/7

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 116-5 TO B.M. 116-6
B.M. 116-5	4				148								B.M. 116-5 (U.S.C.&G.S. 116-5)
1	114	403	415	5	82	66	182	103	483	5	214 150	64	90TH ST. E. & AVE. F-8 N.E. COR.
													SEE F.B. 2842-91
2	126	933	427	5	155 97	58 124	179	063	480	5	208 150	58 122	
3	136	889	437	5	164 108	56 180	172	199	473	5	202 142	60 182	
4	138	770	439	5	166 110	56 236	168	893	469	5	196 140	56 238	T = MALDONADO
5	122	743	423	5	152 92	60 296	167	208	468	5	196 138	58 296	
6	136	403	437	5	164 108	56 352	180	948	481	5	208 152	56 352	
7	119	331	420	5	148 90	58 410	136	781	437	5	165 107	58 410	
B.M. 116-6												410	B.M. 116-6 (U.S.C.&G.S. 116-6)
	895	472					187	195				820	90TH ST. E. & AVE. F. N.E. COR.
						-	895	472					SEE F.B. 2842-92
							291	723					

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F.B. 2842 PG. 118 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY P.E.I.C. NOTES SIEMANN & 4-24-72 DATE

INDEXED C. J. GALLI DATE

NOTES CHKD DATE

WEATHER SUNNY, WINDY INST. NO 26716

TIME 11:30 TO 11:00 ROD NO 1134

T= 78°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 116-6 TO B.M. 116-5
B.M. 116-6													B.M. 116-6 (U.S.C.&G.S. 116-6)
1	137	750	438	5	160	54	124	389	425	5	97	54	90TH ST. E. & AVE. F. N.E. COR.
													SEE F.B. 2842-92
2	180	622	481	5	150	60	126	206	427	5	96	60	
						114						114	
3	165	492	466	5	186	58	131	019	432	5	103	56	
						172						170	
4	170	373	471	5	141	58	137	089	438	5	109	56	T = MALDONADO
						230						226	
5	169	048	470	5	141	56	125	691	426	5	98	54	
						286						280	
6	175	014	476	5	146	58	138	579	439	5	110	56	
						344						336	
7	173	692	474	5	150	46	120	448	421	5	92	56	
						390						392	
8	162	603	463	5	151	22	139	518	440	5	129	20	
						412	/					412	/
B.M. 116-5												412	B.M. 116-5 (U.S.C.&G.S. 116-5)
	133	594	/				1042	939	/			824	90TH ST. E. & AVE. F-8 N.E. COR.
	1042	939											SEE F.B. 2842-91
+	291	655	/										

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 B.M. 116-6 TO B.M. 116-7
B.M. 116-6									B.M. 116-6 (U.S.C.&G.S. 116-6)
1	115	366	416 5	143 87 56	154	938	455 5	182 126 56	90TH. ST. E. & AVE. F. N.E. COR.
									SEE F.B. 2842-92
2	145	396	446 5	174 116 58	161	389	462 5	191 131 60	
				114				116	
3	118	362	419 5	146 88 60	180	909	481 5	211 149 62	
				174				178	
4	125	962	426 5	156 94 62	172	008	473 5	204 140 64	⊼ = MALDONADO
				236				242	
5	126	923	427 5	156 96 60	165	408	466 5	196 134 62	
				296				304	
6	129	747	430 5	158 100 58	171	071	472 5	196 146 50	
				354				354	
7	145	992	446 5	171 119 52	166	784	467 5	491 141 50	
				406				404	
B.M. 116-7								406	B.M. 116-7 (U.S.C.&G.S. 118-7
	907	748			1172	507		810	90TH ST. E. & AVE E-8 S.W. COR.
					907	748			SEE F.B. 2842-93
				-	264	759			

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

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

NOTES BY SIEMANN DATE 4-21-72 TIME 1:10 TO ROD NO.

INDEXED C. J. GALLI DATE APR 26 72 NOTES CHKD. DATE

F.B. 2842 PG. 119

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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. 2842 PG. 120 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-24-72

INDEXED C. J. GALLI DATE

T = 78°

WEATHER SUNNY, WINDY INST. NO. 96716

TIME 11:00 TO 11:30 ROD NO. 11734

NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 116-7 TO B.M. 116-6
B.M. 116-7													B.M. 116-7 (U.S.C.&G.S. 116-7)
1	169	671	470	5	197 141	56	138	379	439	5	166 110	56	90TH ST. E. & AVE. E-8 S.W. COR.
													SEE F.B. 2842-93
2	174	702	475	5	205 147	58	139	072	440	5	170 108	62	
						114						118	
3	170	079	471	5	201 139	62	138	163	439	5	169 107	62	
						176						180	
4	185	116	486	5	216 154	62	124	574	425	5	154 94	60	
						238						240	T = MALDONADO
5	178	092	479	5	209 147	62	124	699	425	5	154 94	60	
						300						300	
6	163	280	464	5	195 131	64	148	012	449	5	179 117	62	
						364						362	
7	157	902	458	5	178 136	42	12.1	283	422	5	143 121	44	
						406						406	
B.M. 116-6												406	B.M. 116-6 (U.S.C.&G.S. 116-6)
	198	842					934	182				812	90TH ST. E. & AVE. F. N.E. COR.
	934	182											SEE F.B. 2842-92
	+ 264	660											

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 BM 116-7 TO BM 106-122
BM 116-7					193						227		BM 116-7
1	157	999	458	5	121	72	190	821	491	5	153	74	90th St. E. & Ave. E-8
					165						207		see F.B. 2842-93
2	130	500	431	5	95	70	173	770	474	5	139	68	
					182	142					213	142	
3	146	428	447	5	110	72	178	301	479	5	143	70	K-Siemann
					187	214					200	217	
4	152	999	453	5	117	70	166	625	467	5	132	68	
					190	284					211	280	
5	152	460	453	5	114	76	173	779	474	5	135	76	
					172	360					181	356	
6	147	194	448	5	122	50	156	711	457	5	131	50	
						410						406	
								7				410	
	887	580					1040	008				816	
							887	580					BM 106-122
BM 106-122							152	427					90th St. E. & Ave. E S.E. Cor.
													See F.B. 2418-128

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

SURVEY BY O. E. Dreier

NOTES BY Maldonado DATE 4-21-72 WEATHER Sunny & Br. INST. NO. 96716

INDEXED C. J. GALLI DATE 26 72 TIME 1:40 to 4:05 ROD NO. 1713 [illegible]

NOTES CHKD. DATE

F.B. 2842 PG. 121

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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. 2842 PG. 122
SURVEY OF L.A. Co. Precise Level Net JOB NO. 0301,02
SURVEY BY Dreier NOTES Maldonado 4-24-72 DATE
INDEXED E. J. GALLI DATE
WEATHER Sunny & Windy INST. NO. 9671
TIME 10:35-11:00 ROD NO. 07134
NOTES CHKD DATE
T - 77°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM 106-22 TO BM 116-7
BM 106-22					201						187		BM 106-22
1	160	451	461	5	119	82	146	468	447	5	105	82	90th St. E & Ave. E
					199						185		See F.B. 2418-128
2	164	599	465	5	129	70	150	590	451	5	115	70	
					209	152					183	152	
3	174	680	475	5	139	70	150	230	451	5	117	66	K-Siemann
					215	222					183	218	
4	180	311	481	5	145	70	149	373	450	5	115	68	
					213	292					160	286	
5	178	751	479	5	143	70	121	355	422	5	82	78	
					185	362					174	364	
6	162	641	463	5	139	46	151	039	452	5	128	46	
						408						410	/
												408	
	1021	433	/				869	053	/			818	/ BM 116-7
BM 116-7	869	055											90th St. E & Ave. E-8
	+152	378	/										See F.B. 2842-93

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 — F.B. 2842 Pg. 123

SURVEY BY G. E. Dreier DATE 4-21-72 WEATHER Sunny & Bl. INST. NO. 9671

NOTES BY M. Valdemarsko TIME 2:05 to 2:30 ROD NO. 17154

INDEXED C. J. Galli DATE APR 26 72 NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BS MIC.	BS LEFT.		BS STADIA		FORESIGHT RIGHT	FS MIC.	FS LEFT.		FS STADIA		DESCRIPTION AND REMARKS
													FROM BM 106-122 TO BM 106-121
BM 106-22					181						195		BM 106-22
1	145	297	446	5	109	72	159	875	460	5	123	72	90th St. E. & Ave. E S.E. Cor
					202						187		See F.B. 2418-128
2	166	645	467	5	130	72	147	325	448	5	107	80	
					184	144	2				164	152	
3	147	999	448	5	100	74	133	032	433	5	100	64	T-Siemann
					173	218					141	216	
4	137	228	438	5	101	72	155	701	456	5	119	72	
					202	290					175	288	
5	172	733	473	5	142	60	146	110	447	5	117	58	
					170	350					172	346	
6	161	789	462	5	152	18	161	968	462	5	150	22	
						368						368	/
												368	
	931	686	/				903	011	/			736	/ BM 106-21
BM 106-21	903	011											Ave. E & 270 Ft. W. of 95th St. E
	+ 28	675	/										See F.B. 2418-127

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F.B. 2842 PG. 124 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-24-72

INDEXED R. J. GALLI DATE

WEATHER Sunny & Windy INST. NO 9671

TIME 10:10 To 10: ROD NO 7134

NOTES CHKD DATE

T-72°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 106-21 TO BM 106-22
BM 106-21					185						213		BM 106-21
1	144	621	445	5	103	82	172	292	473	5	131	82	Ave. "E" & 270 Ft. W. of 95th St E
					201						181		See F.B. 2418-127
2	160	150	461	5	119	82	141	640	442	5	101	80	
					193	164					211	162	
3	153	589	454	5	113	80	170	620	471	5	129	82	T-Siemann
					194	244					198	244	
4	153	920	454	5	112	82	159	380	460	5	120	78	
					159	326					158	322	
5	138	312	439	5	117	82	135	379	436	5	112	46	
					368						368		
											368		
	750	592					779	311			736		BM 106-22
							750	592					90th St E & Ave. "E" S.E. Cor
BM 106-22							28	719					See F.B. 2418-128

Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A C GUIZADO
Checked	Notes ACG Date 4/4/61
Date	Indexed H. E. OD MAY 1 5 '61

F. B. 2842 PG. 165

L. A. CO. PRECISE LEVEL NET

JOB NO. 0301.02

LINE 115

COMMENCING AT PALMDALE BLVD & 150th ST. E, PROCEEDING NORTH ON 150th ST. E TO AVE Q, THENCE WEST ALONG AVE Q TO 145th ST. E, THEN NORTH ALONG 145th ST. E TO AVE O, EAST ALONG AVE O TO 150th ST. E, THEN NORTH ALONG 150th ST. E TO AVE K AND END OF LINE.

GUIZADO	AC
GOBLE	AL
COOK	GE
MOYA	EC
ALWIN	GP

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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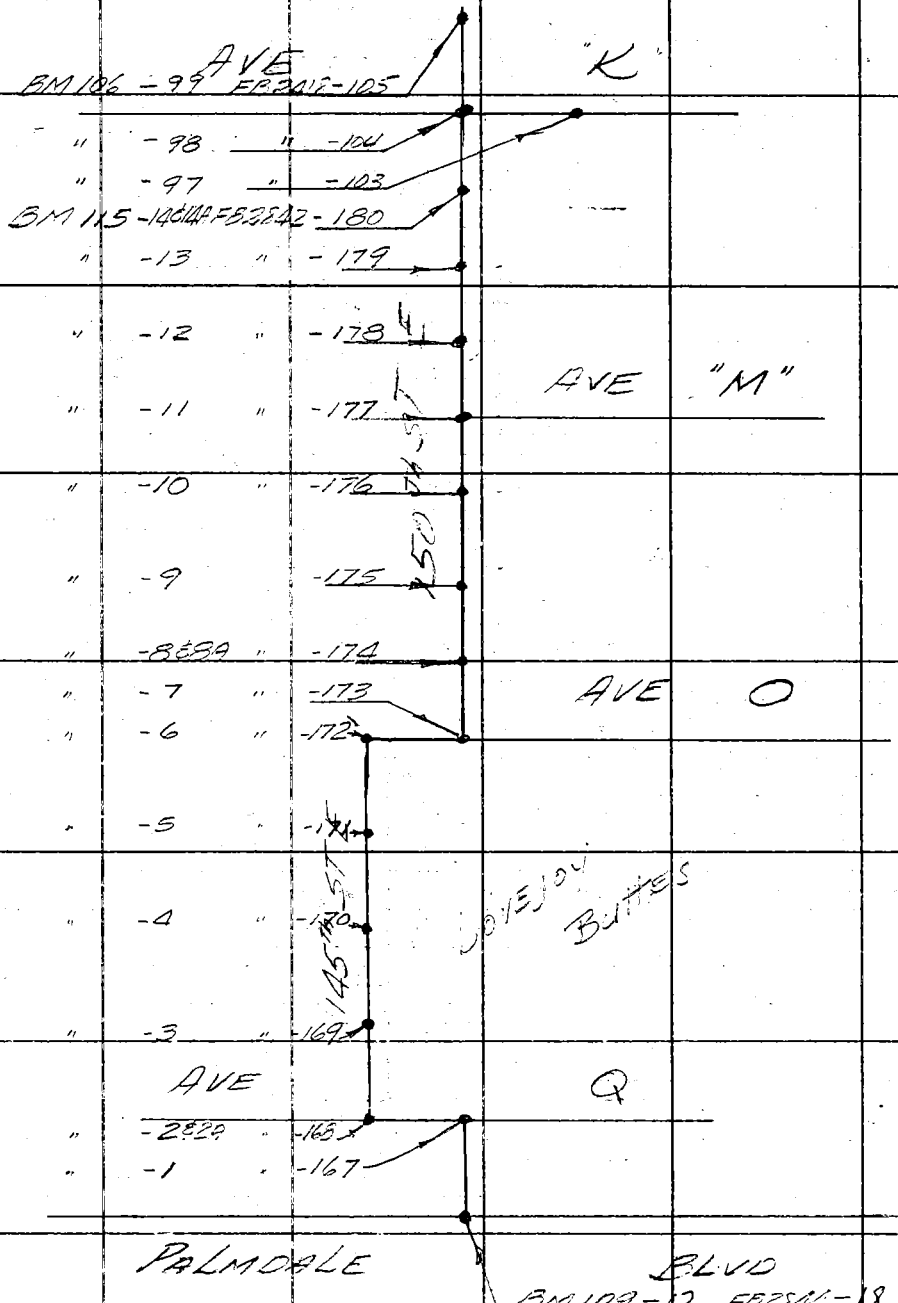
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58

F. B. 2842 Pg. 166

INDEX
LINE 115



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

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

L.A. CO. PRECISE LEVEL NET
JN 0301-02 Tape Std °F
Surveyed by A.C. Gallegos
Notes ATG M. E. 011 Date 4/4/61
Indexed

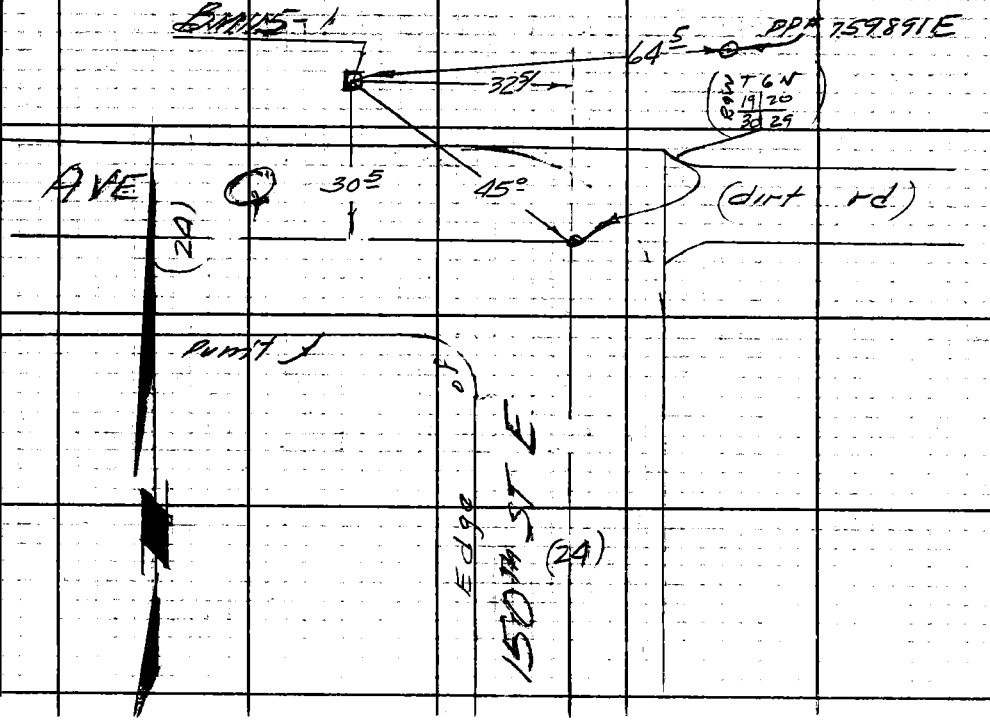
F. B. 2842 PG. 167

(US 1979) ✓

BM 115-1 (USGS LS-32 1929)
AVE "Q" & 150TH ST. E. ON
NORTH SIDE OF ROAD, FD A BRONZE DISC
MK'D "USGS LS 32 1929" IN 4 6" CONC POST, 30± NO. OF ℄ OF AVE Q, 32± W OF ℄ PROD N. OF 150TH ST. E, 45° NW OF ℄ INT & 64± W. OF PP# 759891E

REF. SEE FB 2844-33

NOTE: MONUMENT DESTROYED 9/28/ CC R.D. ANDERSON



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LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

76F309S S&E #247 11-58

F. B. 2242 PG. 168

BM 115-2

ANTELOPE VALLEY: AVE Q & 145TH ST. E, NE COR, SET & STD 2½" CO ENGR BM BRASS CAP & IRON PIPE MON. MK'D "BM 115-2 1961 RE 5869" IN A 12" CONC. POST, 40± E. OF & 145TH ST E & 73± N OF & AVE Q & 81± NE OF & INT.

132 ± N.E. OF TL. I. = 632132 H

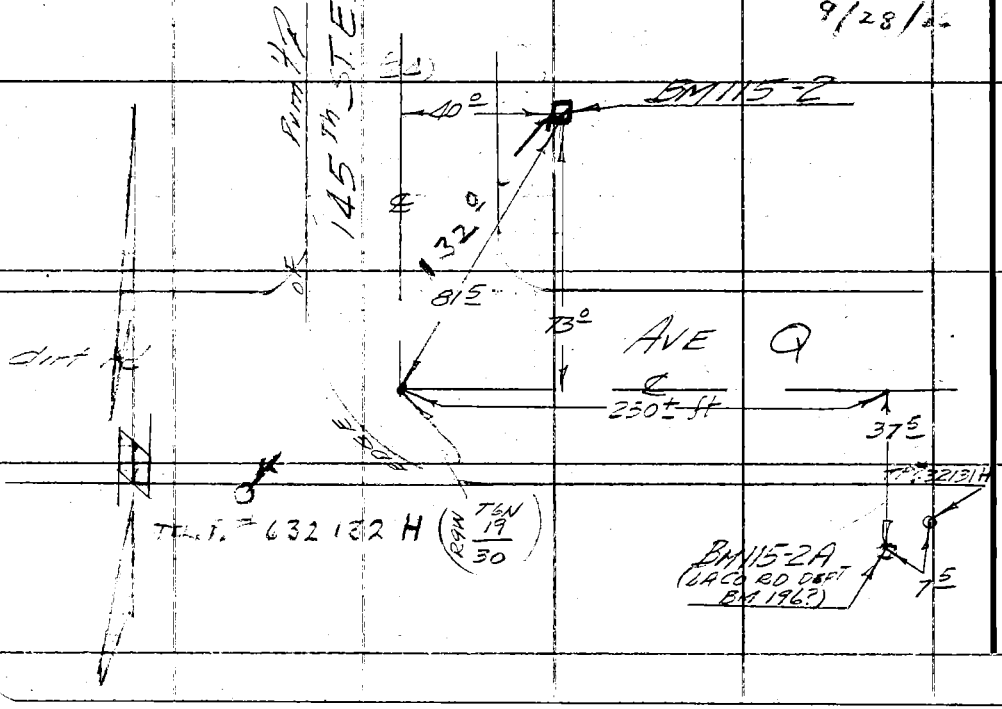
A 2" MARKER IS 2.0' WEST 6-20-72 R. STRADER

BM 115-2A (LA CO RD DEPT BM 196?)

AVE Q & 145TH ST. E, FD 2" RD. DEPT PRECAST BM MK'D "LA CO. RD. DEPT B.M. 196?" 230± FT E. ALONG & OF AVE Q & 37½ SO OF & AVE Q, 7½ SW OF TP 632131 H. MONUMENT IS UNDER A CAST IRON COVER.

NOTE: 2" MARKER PIPE 2± SOUTH OF H.H.

B.M. DESCRIPTION OK 4-27-72 R. STRADER R.D. ANDERSON 9/28/72



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Checked
Date

L. A. CO. PRECISE LEVEL NET

JN 0301.02 Tape Std °F
Surveyed by A.C. GUIZADO
Notes ACG Date 4/4/61
Indexed H. E. OTT

F. B. 2842 Pg. 169

26
12

BM 115-3

ANTELOPE VALLEY: 145TH ST. E. & 0.5 MI
NO. OF AVE Q, SET A STD CO. ENGR
2¼" BM BRASS CAP & IRON PIPE MON MKD
"BM 115-3 RE 5869 1961" IN A 12" CONC POST,
38° E OF ℄ OF ROAD & 71½ E OF
TPK 727441H, APPROX 3° E OF A YELLOW MARKER
POST.

B.M. DESCRIPTION OK 4-27-72 R. STRADER

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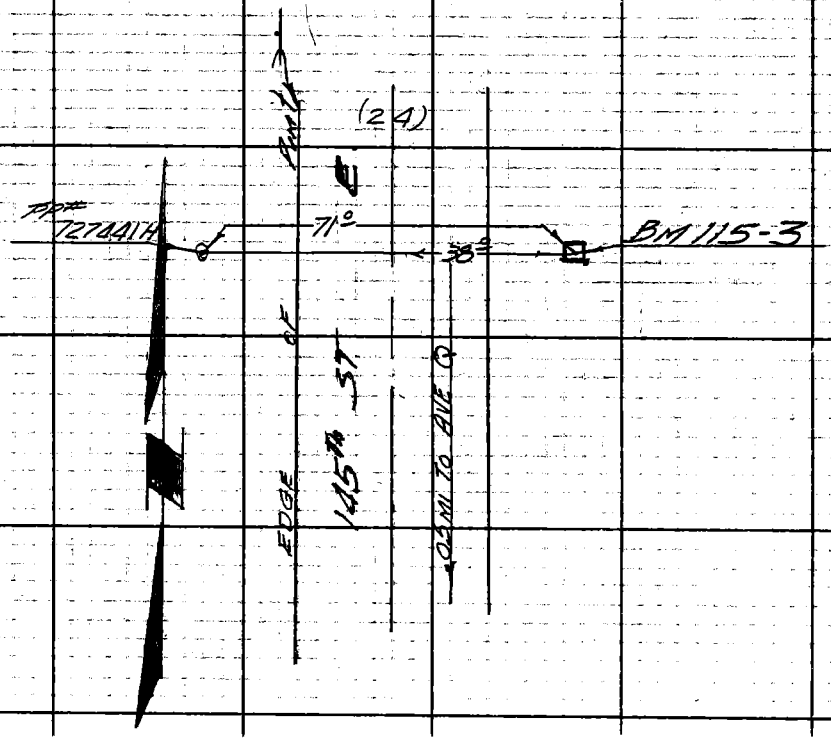


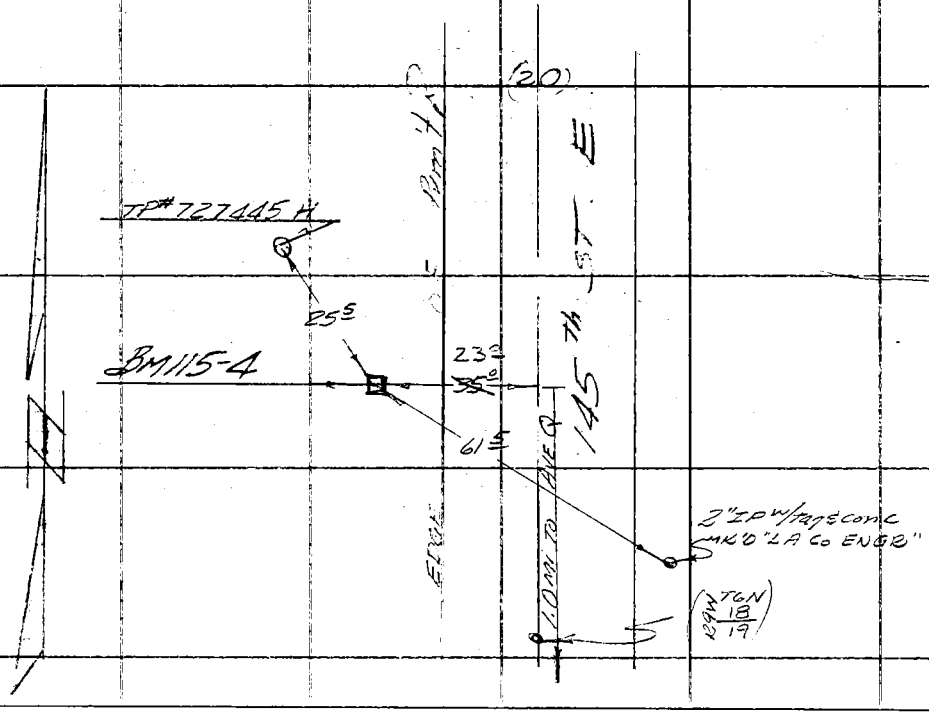
76F3095 S&E #247 11-58

F. B. 2842 PG. 170

BM 115-4

ANTELOPE VALLEY: 145TH ST. E. & 1.0 MI NO. OF AVE Q, SET A STD CO. ENGR 2 1/4" BM BRASS CAP MON & IRON PIPE MK'D BM 115-4 RE5869 1961" IN A 12" CONC POST, 23.0 ~~35~~° W. OF ℄ OF ROAD, 25.5 SE OF TP# 727445H, & 61.5 NW OF A 2" IP, WHICH IS ON E. SIDE OF RD. BM IS APPROX 2.0 W. OF A YELLOW MARKER POST.

B.M. DESCRIPTION OK 4-27-72 R. STRADER



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Surveyed by A.C. GUIZADO
Notes ACG Date 4/6/61
Indexed H. E. OTT

F. B. 2842 PG. 171

BM 115-5

ANTELOPE VALLEY: 145TH ST E 0.05 MI SO OF AVE O, SET A STD CO 2½" ENGR BM BRASS CAP MON MK'D "BM 115-5 RE 5869 1961" IN A 12" CONC POST, 37° E OF E ROAD, 121± FT NE OF CTR SEC 18 MON, 2.0', SE OF PP# ~~1361922E~~, & APPROX 2° E OF A YELLOW MARKER POST. 4-27-72 R.STRADER

B.M. DESCRIPTION OK 4-27-72 R.STRADER

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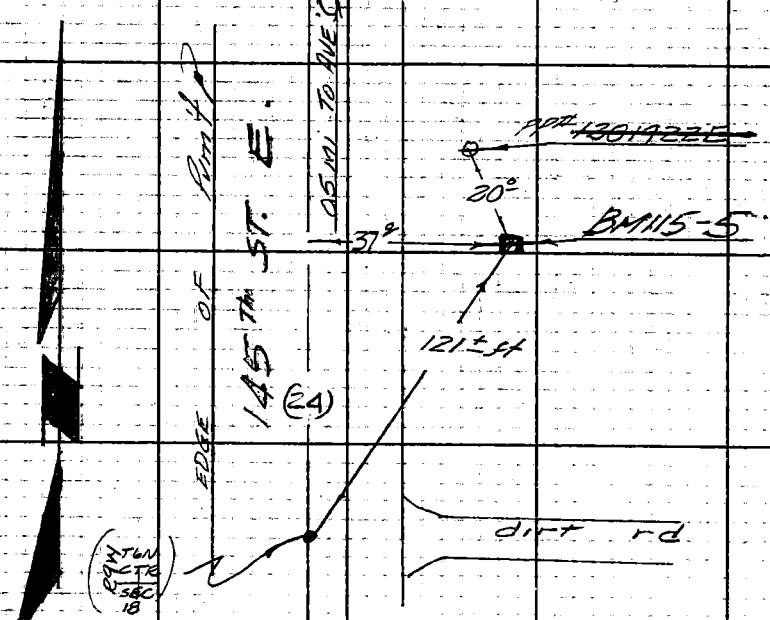


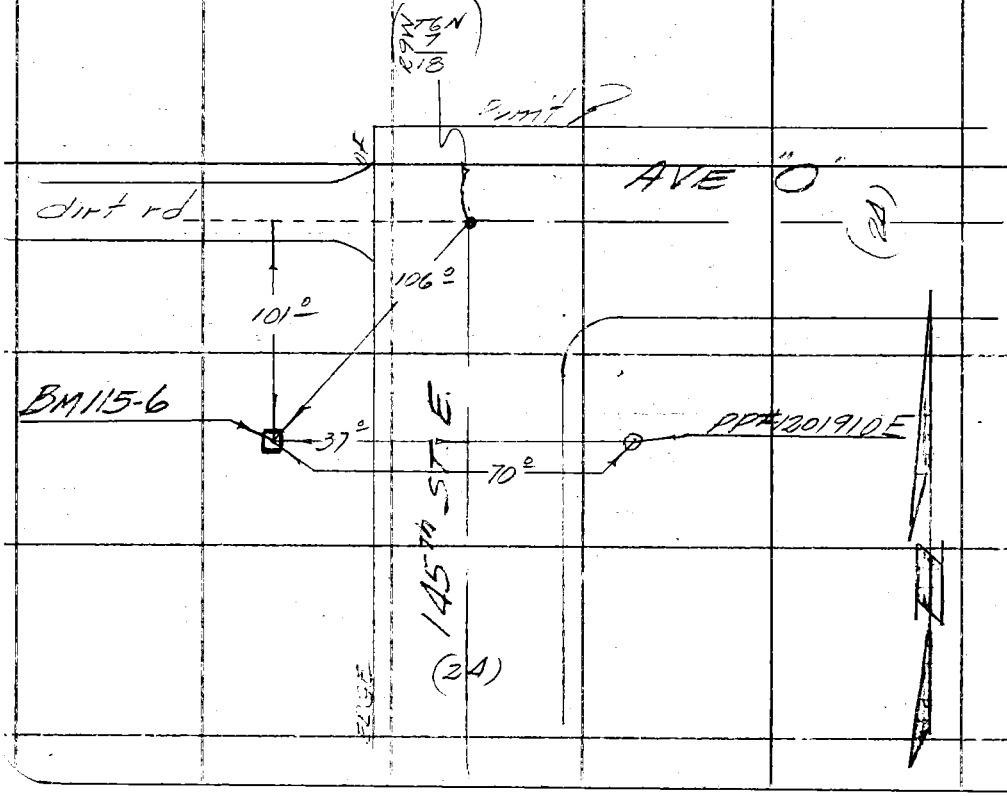
76F3095 S&E #247 11-58

F. B. 2842 PG. 172

BM 115-6

ANTELOPE VALLEY: AVE "O" & 145TH ST. E. SW COR. 70± EAST OF PP# 1201910E, SET 2" A STD CO. ENGR BM BRASS CAP IRON PIPE MON MK'D "BM 115-6 RE5869 1961", IN A 12" CONC. POST, 37± E. OF ℄ 145TH ST E & 101± SO. OF ℄ AVE O prod E, 106± SW OF ℄ INT, 2± N. OF 4" x 4" YELLOW MARKER POST

B.M. DESCRIPTION OK 4-27-72 R. STRAPER



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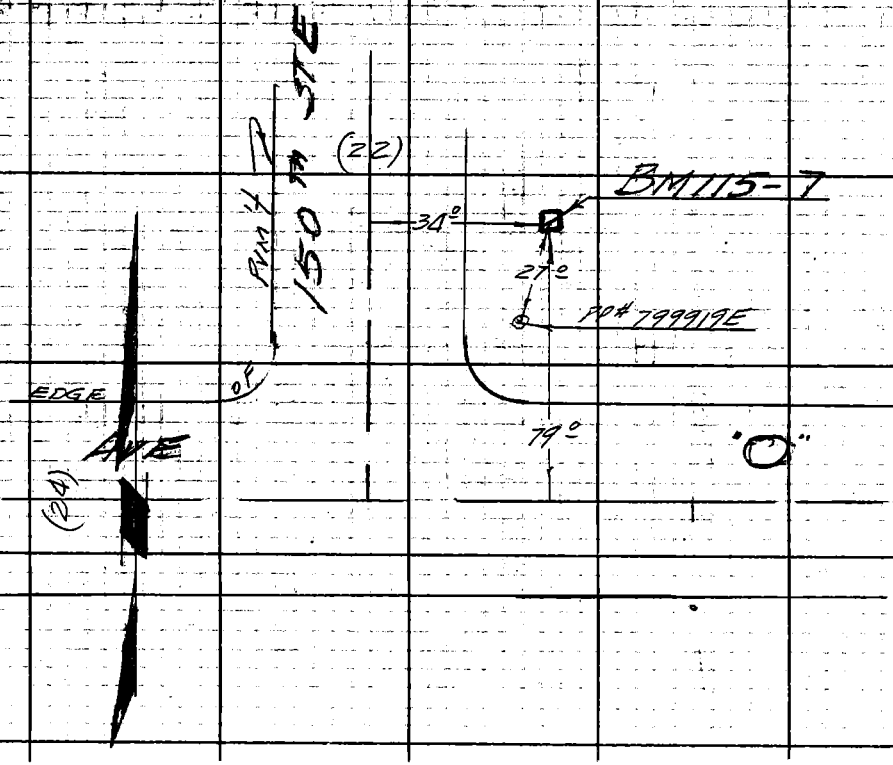
Office Work	Surveyed by A C GUIZADO	
Checked	Notes ACG Date 4/4/61	
Date	Indexed H. E. GD	

BM 115-7

ANTELOPE VALLEY: 150TH ST. E & AVE "O", NE COR. SET A STD. CO. ENGR. BM BRASS CAP & IRON PIPE MON. MK'D "BM 115-7 RE 5869 1961" 79° NO. OF AVE "O" & 34° E. OF 150TH ST. E, & 27° NNE OF PK NAIL 799919E, IN A 12" CONC. POST, 2° E. OF A YELLOW MARKER POST.

B.M. DESCRIPTION OK 4-27-72 R. STRADER



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76F309S 9&E #247 11-58

F. B. 2842 PG. 174

BM115-8

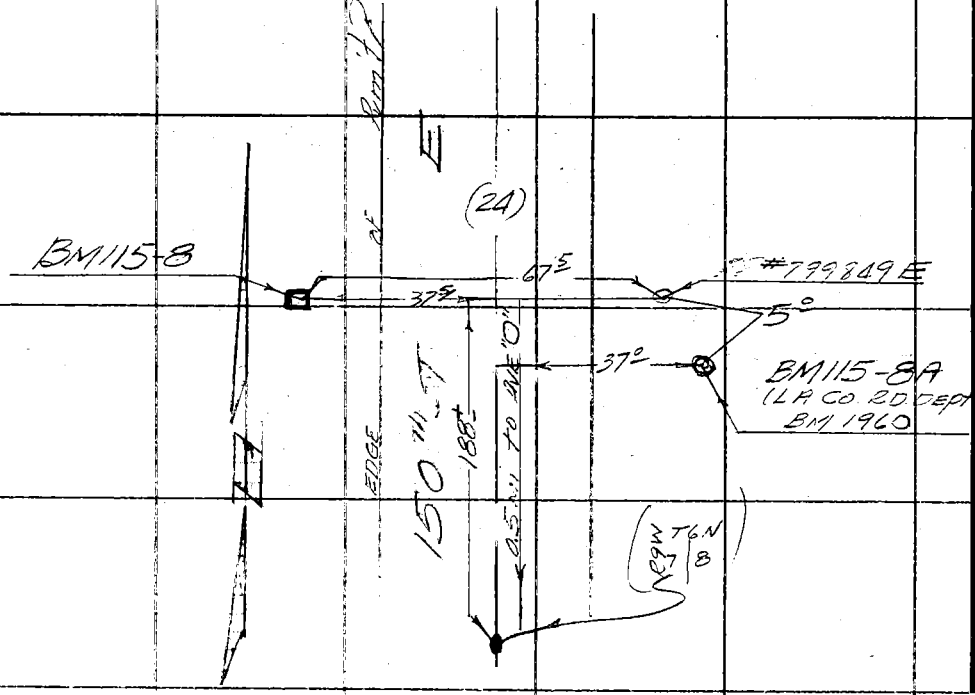
ANTELOPE VALLEY: 150th ST. E. & 0.5 MI. NORTH OF AVE "O", 188 ft ± ALONG ℄ No. OF A 1/4 COR, SET A STD 2 1/4" CO. ENGR BM BRASS CAP & IRON PIPE MK'D "BM 115-8 RE 5369 1961" IN A 12" CONC POST, 67.5 W. OF PP# 799849E & 32.5 W. OF ℄ OF Rd.

A 2" MARKER PIPE IS 2.0' EAST 6-20-72 R. STRADER

BM115-8A (L.A. CO. RD. DEPT BM 1960)

150th ST. E. & 0.5 MI NORTH OF AVE "O", Fd. A 2" Rd. DEPT PRECAST MON MK'D "L.A. Co. Rd Dept BM 1960", 37° E. OF ℄ OF Rd & 5° SSE OF PP# 799849E, UNDER A CAST IRON COVER.

A 2" MARKER PIPE IS 2.0' EAST 6-20-72 R. STRADER



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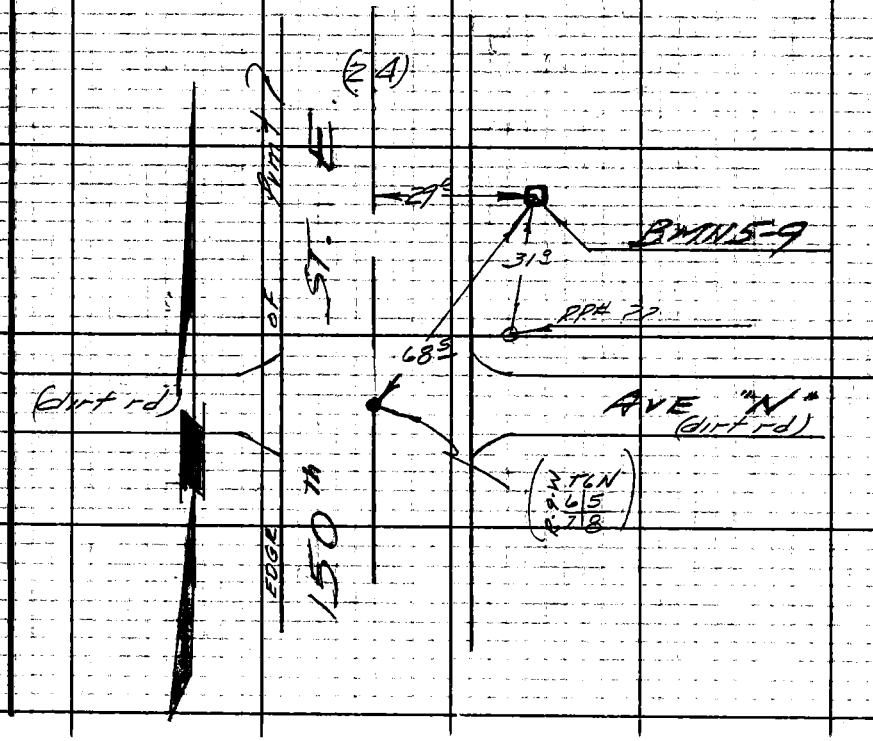
JN 0201.02 Tape Std. °F
Surveyed by A.C. GUIZADO
Notes PCG Date 4/5/61
Indexed H.E.ON

BM 115-9
ANTELOPE VALLEY: 150TH ST. E. & AVE "N" (a dirt rd) IN THE NE COR. SET A STD 2½ CO. ENGR BM BRASS CAP & IRON PIPE MONMD "BM 115-9 RE 6869 1961" IN A 12" CONC POST, 29° E. OF ℄ 150TH ST E, 312 N. OF PP# ??? & 68± NE OF SEC COR at ℄ int.
A 2" MARKER PIPE IS 2.0' WEST 6-20-72 R.STRADER



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76F3095 S&E #247 11-58

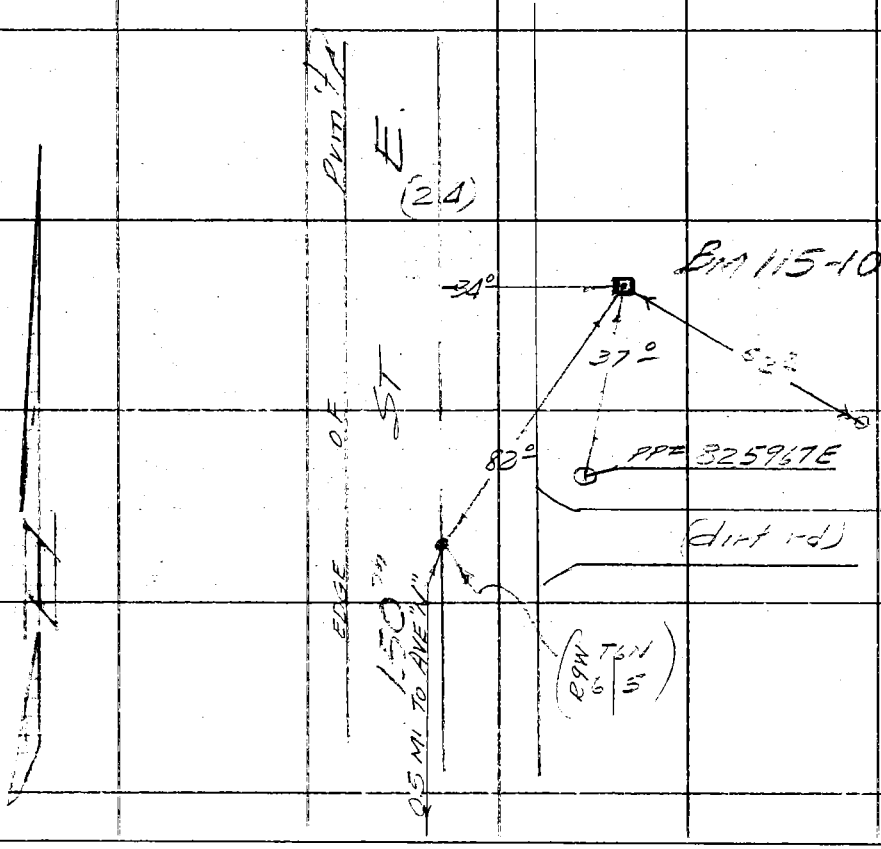
F. B. 2842 PG. 176

BM 115-10

ANTELOPE VALLEY: 150th ST. E. & 0.5 MI NORTH OF AVE "N" NE COR, SET A 2¼" STD CO. ENGR BM BRASS CAP & IRON PIPE MON MKD "BM 115-10 RE5869 1961" W/ A 12" CONC POST, 34° E. OF ℄ OF Road, 37° NNE OF PP# 825967E & 82° NE OF A 1/4 SEC COR, at ℄ INT (with dirt rd)

53¾ N.W'LY FROM P.P.# 1121332E

A 2" MARKER PIPE IS 2.0' NORTH 6-20-72 R. STRADER



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Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 4/3/61
Date	Indexed M.E. ON

BM 115-11

ANTELOPE VALLEY: 150TH ST E & AVE "M"
@ NE COR, SET A STD 2½" CO. ENGR BM BRASS
CAP MON & IRON PIPE MK'D "BM 115-11
RE 5869 1961" IN # 12" CONC POST, 33± EAST OF ℄ 150TH ST E, 53± NORTH OF ℄ AVE "M",
℄ 63± NE OF ℄ INT, ℄ 32± NO OF RP # 401700E.

B.M. DESCRIPTION OK 4-27-72 R. STRADER

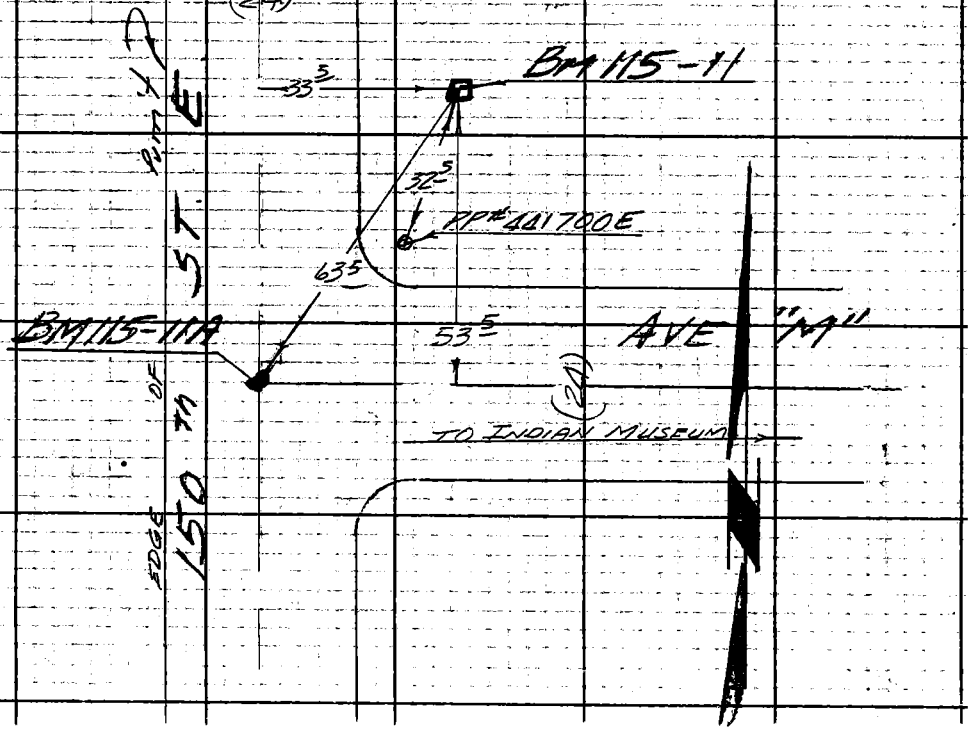
BM 115-11A

150TH ST E & AVE "M" @
℄ INT, FD A STD 2½" CO ENGR
BRASS CAP MON MK'D AS SHOWN

COUNTY ENGINEER T7N R9W 3/32 6/5 T6N R. E. 5869

10" BELOW SURFACE UNDER A CAST IRON COVER.

B.M. DESCRIPTION OK 4-27-72 R. STRADER



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76F3095 S&E #247 11-58

F. B. 2862 PG. 178

BM 115-12

ANTELOPE VALLEY 150th ST. E & 0.5 mi No. OF AVE "M" SE COR. SET A STD CO. ENGR BM BRASS CAP MON & IRON PIPE MK'D "BM 115-12 RE 5869 1961" 100° SO ALONG ℄ FROM A 1/4 SEC COR @ ℄ INT (with dirt rd) 35° E. OF ℄ 150th ST E & 105° SE OF 1/4 SEC COR.

NOTE: BM 115-12 HAS BEEN DESTROYED. J.M.M. 9-27-66

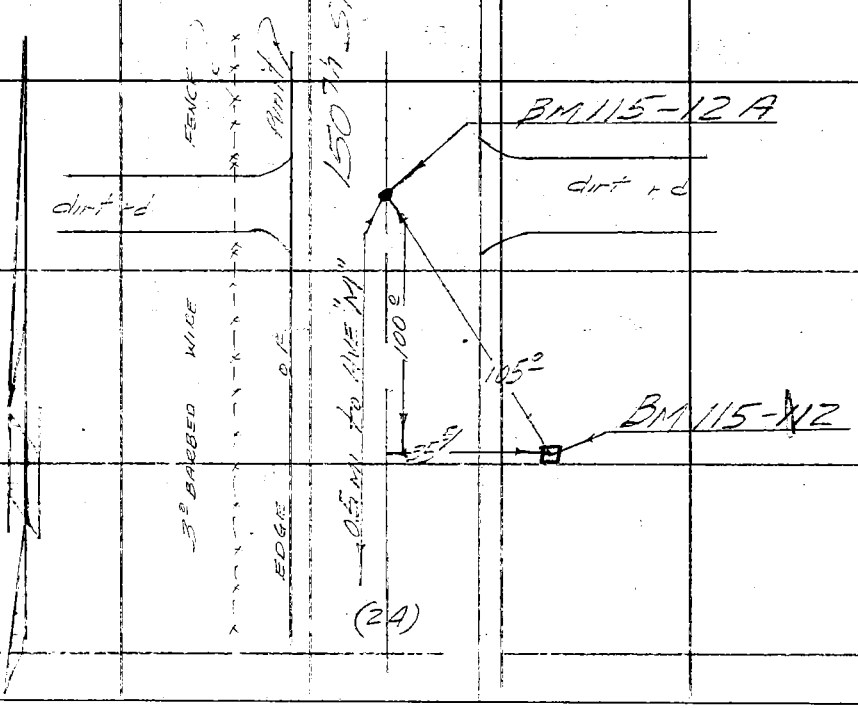
BM 115-12A

150th ST E & 0.5 mi NO OF AVE "M", Fd A STD 2" CO ENGR PRECAST MON @ ℄ INT, [illegible]

COUNTY ENGINEER
T1N
31 32
1/4 COR
R. E. 5869

10" BELOW SURFACE UNDER A CAST IRON COVER

B.M. DESCRIPTION OK 4-27-72 R. STRADER



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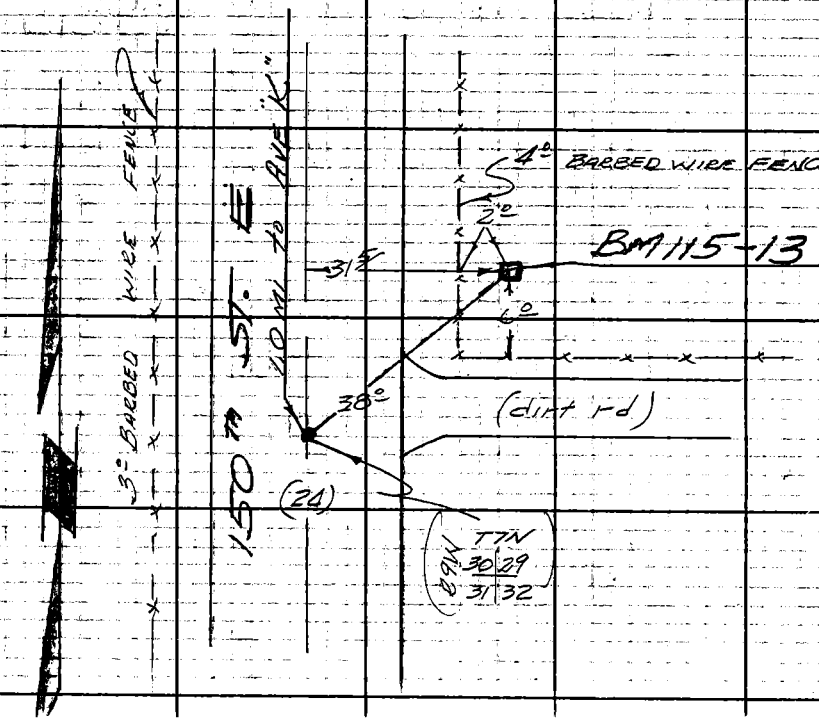
L. A. CO. PRECISE LEVEL NET
Surveyed by
JN 030102 Tape Std °F
Surveyed by A.C. GUIZZO
Notes ACG Date 4/6/61
Indexed H. E. OTT

F. B. 2842 PG. 179

BM 115-13

ANTELOPE VALLEY: 150TH ST. E & 1.0 MILE SOUTH OF AVE "K", 2°E & 6°N OF A FENCE, 31½ E. OF ℄ OF ROAD & 38° NE OF ℄ INT, A SECTION CORNER, SET A STD. CO: ENGR. BM BRASS CAP MON. ELBON PIPE MK'D "BM 115-13 CE 5869 1961" IN A 12" CONC. POST & 2°E. OF A YELLOW MARKER PIPE.

NOTE: BM 115-13 HAS BEEN DESTROYED. 9-29-66 T.M.M.



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76F3095 S&E #247 11-58

F. B. 2842 PG. 180

BM 115-14

ANTELOPE VALLEY: 150TH ST. E & 0.5 MILE SOUTH OF AVE "K", SET A STD CO. ENGR BM BRASS CAP MON & IRON PIPE MKD "BM 115-14 RE 5269 1961" IN A CONC POST, 33° E OF ℄ OF Rd, ~~19° SW~~ ~~OF [illegible]~~ ~~22.5 [illegible]~~ ~~2° E~~ 17.5 S. OF A FENCE. SET A 3" IP YELLOW MARKER 2° E. OF MONUMENT.

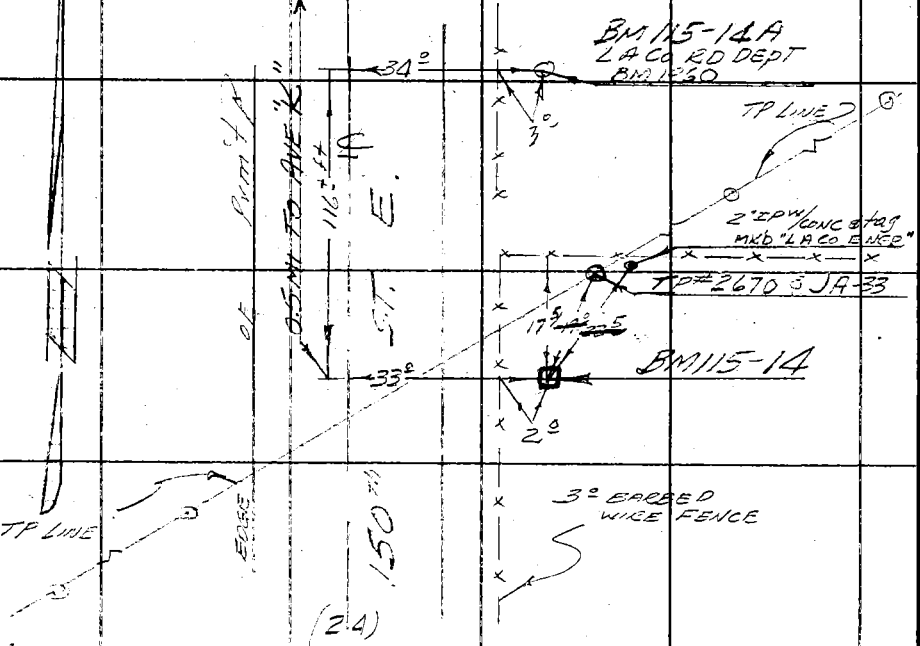
6-20-72 R.L.S.

B.M. DESCRIPTION OK - SET A WELL & COVER OVER MONUMENT BECAUSE OF LARGE MOUND OF SAND. 4-27-72 R. STRADER

BM 115-14A (LA Co Rd Dept BM 1960)

150TH ST. E. & 0.5 MILE SOUTH OF AVE "K", Fd A Rd Dept PRECAST BM MKD "LA Co Rd Dept BM 1960", 34° E. OF ℄ OF Road & 116± Feet N. ALONG ℄ FROM BM 115-14. MONUMENT IS UNDER A CAST IRON COVER. 2 FT. BELOW SURFACE.

A 2" MARKER PIPE IS 2.0' EAST 6-20-72 R. STRADER



(2.4)

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Checked	Notes A.R.B. Date 4-25-61	
Date	Indexed H. E. OTT MAY 15 '61	

L.A. Co. PRECISE LEVEL NET
J.N. 0301.02

LINE 114

Commencing at Line 109-15 @ Palmdale Blvd & 165th St E. S.E. Cor. Thence Proceeding East Along Palmdale Blvd to 180th St E, Thence North Along 180th St to Ave "O" & Tie in on Line 106-84 ℄ int of Ave & 180th St E.

SEE F.B. 3717-5 TO 38

GUIZADO	A.C. 5/1/61
Goble	A.L.
Barilott	A.R.
Cook	G.E.
Moya	E.C.
Alwin	A.L.

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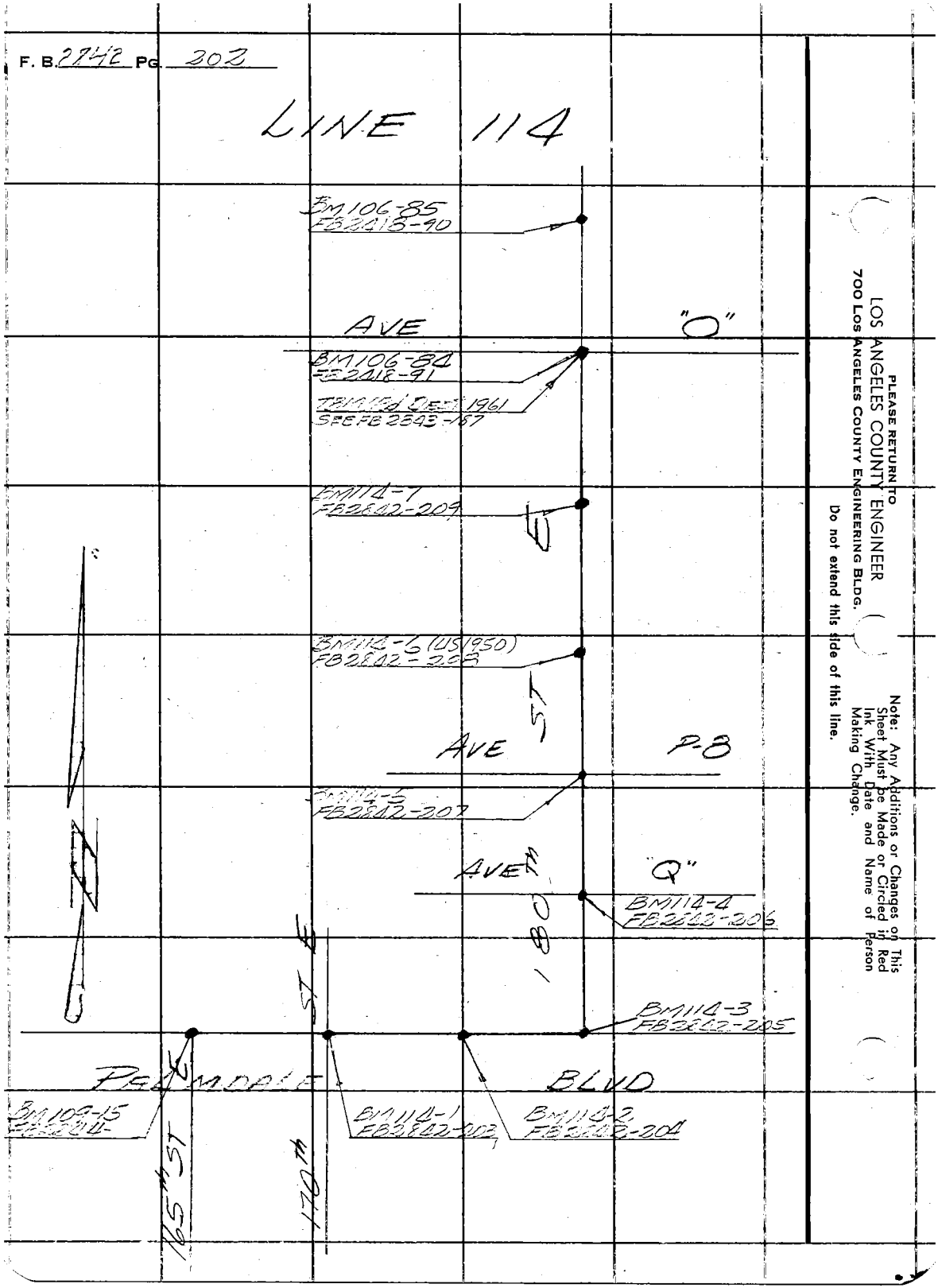
76F309S S&E #247 11-58

F. B. 2742 Pg. 202

LINE 114



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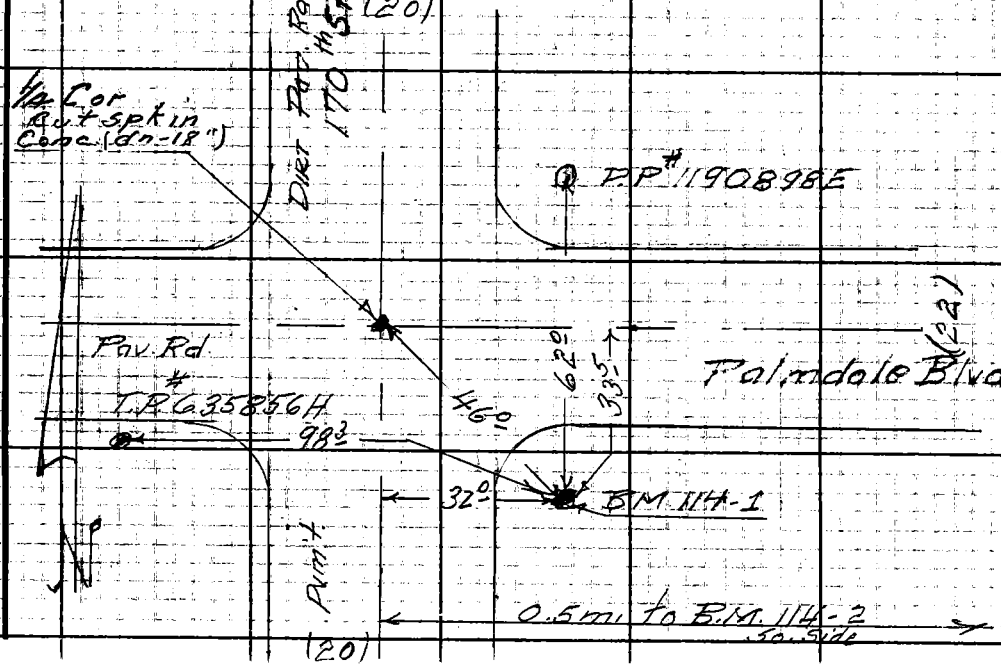
Survey of
JN 230,02 Tape Std °F
Surveyed by A.C-Guzzodo
Notes A.R.B. Date 4-25-61
Indexed H. E. OTT

F. B. 2842 Pg. 203

BM 114-1
ANTELOPE VALLEY: 170th St. E & Palmdale Blvd. (Pav. Rd.) in the S.E. Cor. Set 9 Std 2½" Co. Engr. B.M. Brass Cap & 2" Iron pipe Mon. MKD "B.M. 114-1 RE 5869 1961", in 12" Sq. Conc. Pad.
62°- So. of P.P.# 1190898E, 46°- S.E. of C.S. Mon. (¼ Cor.)
98.3 E. of T.P.# 635856-H, 32°E. of ℄ 170th St. E.,
33.5- So. of ℄ of Palmdale Blvd. (Pav. Rd.)

SEE F.B. 3717-9 FOR B.M. 114-A



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76F3095 S&E #247 11-58

F. B 2842 PG. 204

B.M. 114-2

ANTELOPE VALLEY: Palmdale Blvd

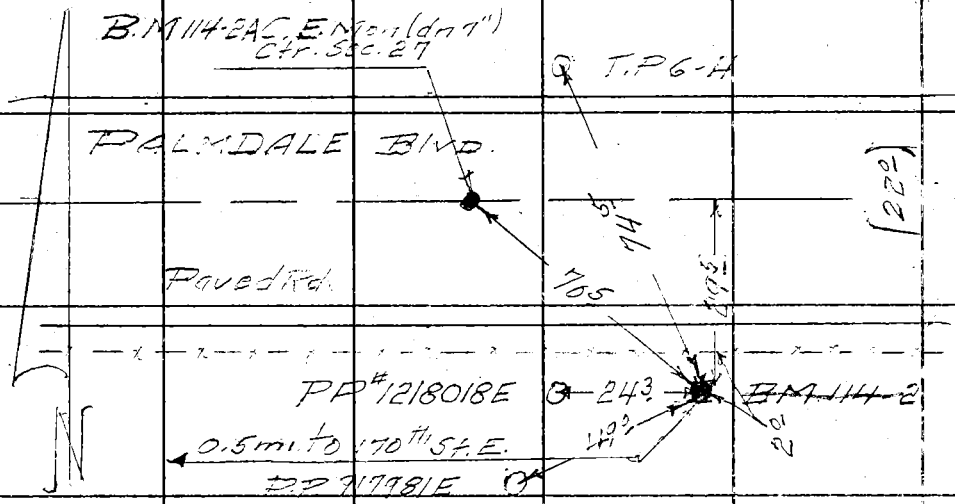
& 0.5 Mile East of 170th St. E., set a Std. Co. Engr. B.M. Brass Cap Mon. & Iron Pipe MKD B.M. 114-2 R.E. 5869 1961, in a 12" Conc. Pad 74.5 S.E. T.P. 6-H, #70.5 S.E. of C.S. mon Ctr Sec-27 24.3 E. of P.P. 1218018E, 49.0 N.E. of P.P. #917981E 29.5 So. of ℄ Palmadle Blvd.

Fd. destroyed. 10/4/66 RCB

B.M. 114-2A

Palmdale Blvd, 0.5 mile E. of 170th St. E. on ℄. Fd a Std Co. Engr. Pre Cast Mon. MKD as Shown 8" Below Surface in a Hand Hole & cast Iron Cover.

COUNTY ENGINEER R.9W T.6N CTR. Sec. 27 R.E. 5869



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F. B 2842 PG. 206

B.M. 114-4

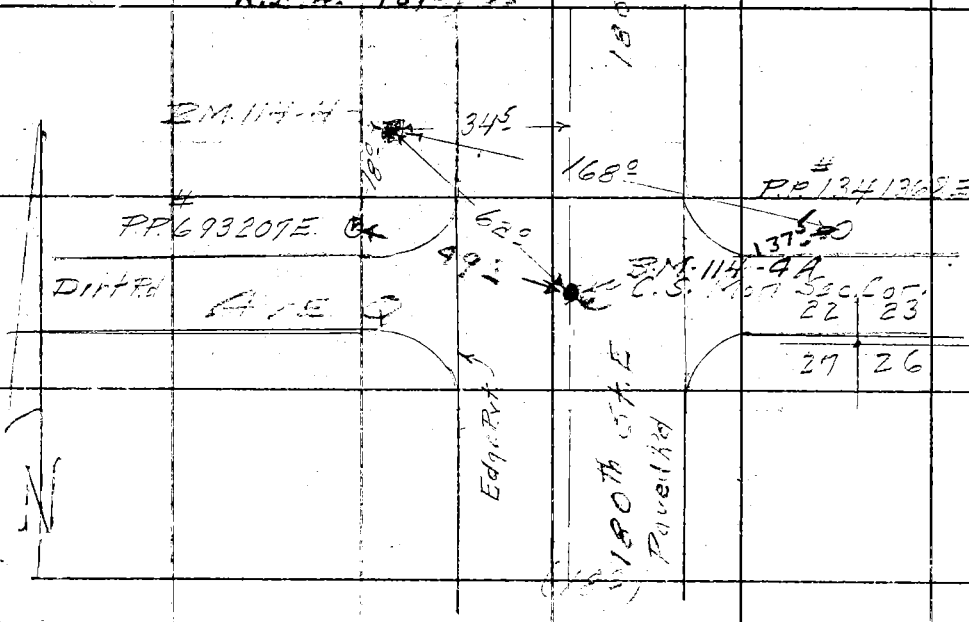
ANTELOPE VALLEY 180th St. E. & Ave. Q, N.W. Cor. Set a Std Co. Engr
2"x4"
B.M. Brass Cap Mon. & 2" Iron Pipe MKD
"B.M. 114-4 R.E. 5869-1961" in a 12" sq. Conc. Pad
With a 3" I.P. Yellow Marker 2° E. of B.M.
B.M. 34.5 W. of ℄ of Palmdale Blvd, 168° N.W. of P.P. #1341368E
62° N.W. of C.S. Mon. Sec. Cor, 18° N.E. of P.P. #693207E.

B.M. 114-4 A

ANTELOPE VALLEY 180th St. E. & Ave. "Q"
℄ Int. Fd. a C.S. Mon.
MKD as Shown
10" Below Surface
in a Hand Hole under
C.E. cast Iron Cover.

County Survey
T6N
22 | 23
27 | 26
Monument

NLW TIES:
49° S.E. of P.P. #693207E.
137.5 S.W. of P.P. #1341369E
R.D.A. 10/[illegible]



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Map No.	Survey of	
Office Work	JN 0301.02 Tape Std °F	
Checked	Surveyed by A.C. Guizado	
Date	Notes A.R.B. Date 4-27-61	
	Indexed H. E. OTT	

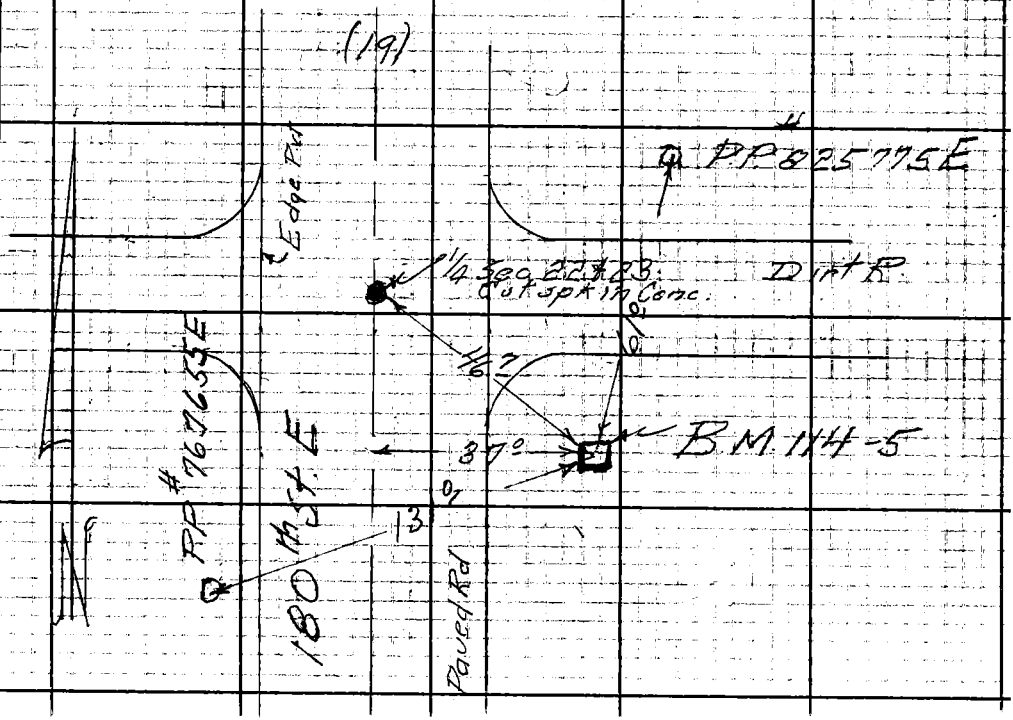
B.M-114-5

ANTELOPE VALLEY 180th St. E, 0.50 mi No. of Ave Q Set a Std. 2 1/4" Co. Engr. B.M. Brass Cap Mon. & Iron Pipe, M.K.D. "B.M. 114-5 R.E. 5869 1961", in a 12" Conc. Pad. - 61° S.W of PP 825775E.

46 - S.E of 1/4 Sec 22 & 23 131° N.E. of P.P. # 767655E

37° E of ℄ of Rd.

NOTE: Ed. CAP & SLEEVE ON 1/4 SEC. 22 & 23 (CUT SPK IN CONC) 20" DEEP. 10-13-66 [illegible]



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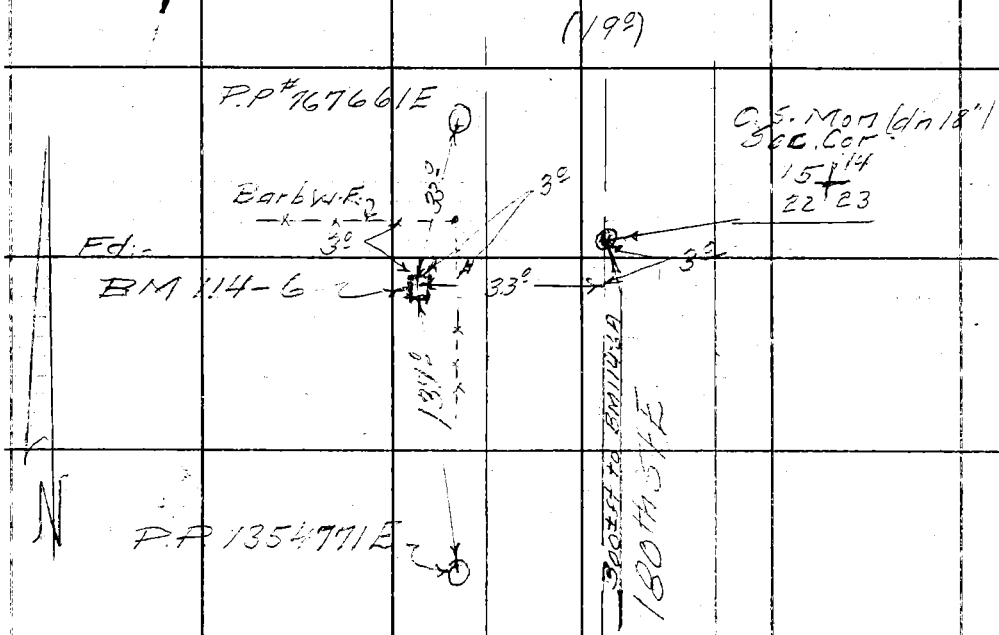
76F309S S&E #247 11-58

F. B. 2842 PG. 208

Fd:-
BM 114-6 (U.S. & G.S. "L.B. 19 1929" US 1950
ANTELOPE VALLEY 180th St. E. (W. side)
& 1.0 mi North of Q. Fd. 4" U.S. Bronze
Tablet in 6" Conc. Pad Stamped "L.B. 19
1929"
33° S.W. of P.P.# 767661E, 33° W. of Ctr. Rd Pvt,
137° N. W'ly of P.P.# 1354771E

BM 114-6A (L.A. Co. Rd. Dept BM 196)
ANTELOPE VALLEY: 180th ST. E. & 1.0 mi
No. of Ave "Q", Fd A Rd. Dept 2" PRECAST MON MKD
"L.A. Co. Rd Dept BM 1961" dn 10" UNDER A CAST
IRON COVER, 34° W of ctr. of Road, 300± ft
So ALONG ℄ FROM SEC COR 15 14 / 22 23 T6N R9W
& 6 NW OF P.P.# 767660E.



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

Survey A. CO. PRECISE LEVEL NET
JN 0301.02 Tape Std °F
Surveyed by A.C. Gurzado
Notes ARB Date 4-27-61
Indexed H. E. OTT

F. B. 2842 PG. 209

BM-114-7

ANTELOPE VALLEY: 180th St. E. (E. side) 10.5 mi South of Ave "O", Set a Std 2½" Co. Engr. B.M. Brass Cap Mon. & Iron pipe NTKD 114-7 R.E. 5869-1961, in 12" Conc. Pad with a 3" Yellow Marker. 2° W. of B.M. 15.3° S.E. of P.P. 1354765E, 161° N.E. of P.P. 767666E 40° E. of ¼ Sec 15 & 14.

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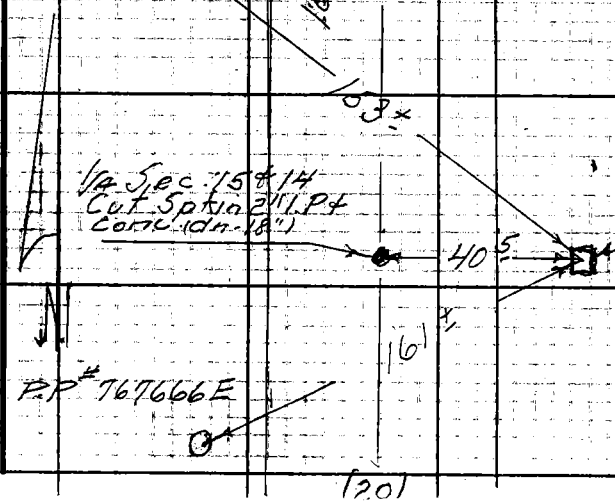

76F309S SAE #247 11-58

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F. B. 2842 PG. 210

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date FEB, 1972
Date	Indexed C. J. GALLI MAR 2 '72

F.B. 2842 PG. 211

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE NO. 114, FEB, 1972 RELEVELING.

DESCRIPTION REFERENCES

F.B. 2842 - 201 TO 210

F.B. 3717 - 5 TO 38

DREIER
MALDONADO
SIEMANN
OHASHI
MCKNIGHT

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76F3095 CE#310 3-68

ROUTE SKETCH, LINE 114

F. B. 2842 PG. 212

FEB. 1972 RELEVELING

AVE N-8

B.M. 106-85
F.B. 2418-91

AVE. N-2

AVE. O

B.M. 106-84
F.B 2418-90

B.M. 114-7A
F.B. 3717-37

B.M. 114-7
F.B. 3842-209

180th ST. E.

B.M. 114-6

B.M. 114-6A
F.B. 2842-208

B.M. 114-5A
F.B. 3717-29

B.M. 114-5
F.B 2842-207

AVE. P-8

B.M. 114-4A F.B. 2842-206

B.M. 114-4B
F.B. 3717-25

AVE. Q

B.M. 114-3
F.B. 2842-205

B.M. 114-3A
F.B. 3717-19

B.M. 114-2A
F.B. 2842-204

B.M. 114-2B
F.B. 3717-15

B.M. 114-1A
F.B. 3717-9

B.M. 114-1
F.B. 2842-203

B.M. 109-15
B.M. 109-15A
F.B. 2844-21

PALMDALE BLVD

165th ST. E.

170th ST. E.

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76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 2-18-72 TIME 9:55 WEATHER SCAT. CLOUDS, INST. NO. 26716 ROD NO. 7134-C
INDEXED C.J. GALLI DATE 3-2-72 NOTES CHK BLANCHARD DATE 3-7-72
F.B. 28 42 PG. 213

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						↑ J. MALDONADO
			NEAR ROD				FAR ROD		
1	152	160	453 5	154 150 4	165	121	466 5	162 138 54	54M- 4M= 50M-0.20 mm
2	147	402	448 5	149 145 4	134	623	435	161 107 54	54M- 4M= M=0.20 mm
	299	562		8	299	744		108	
						0.40 mm			
	+				-0.	mm		-8	Curvature Corr.=0.40 mm
					299	704		100	
					299	562			
					-	142			
				mm= "C"					
	/								
						0,014	mm= "C"		
					100 /	1.42			

2842 - 214 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD BLANCHARD DATE MAR 5 7

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	Right Mic.	Left.	Stadia	Right Mic.	Left.	Stadia	From ____ To ____

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			
				160				232	
1	158	689	459 5	156 4	205	672	506 5	178 54	54 M- 4 M= 50 M=0.20 mm
				157				135	
2	155	262	456 5	153 4	108	511	409 5	81 54	54 M- 4 M= 50 M=0.20 mm
	313	951		8	314	183		108	
						040 mm		8	
	+				-0. mm				Curvature Corr.=0.40 mm
					314	143		100	
					313	951			
					-	192			

mm= "C"

1019 mm= "C"

100) 1.920
100
920

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 2-22-77 WEATHER Sunny & Breezy INST. NO. 96716
INDEXED L. J. GALLI DATE MAR 2 '72 TIME 9:30 ROD NO. 1713A
NOTES CHKD. BLANCHARD DATE MAR 3 '72

T-62°

F.B. 2842 PG. 215

2842 | 4216 | JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. 9671

TIME _____ ROD NO. 713A&B

NOTES CHKD BLANK DATE MAR 3 72

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

76P626B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. DREIER
NOTES BY R. ANDERSON DATE 23 - FEB. '72 TIME 11:30 WEATHER CLEAR & WINDY INST. NO 86716
INDEXED C. J. GALLI DATE MAR 2 '72 NOTES CHKD BLANCHARD DATE MAR 3 '72 ROD NO 1783 R.Q
T = 740
F.B. 2842 PG. 217

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						T = SIEMANN
			NEAR ROD				FAR ROD		
				161				168	
1	159	591	460	5 157 4	131	150	432	5 104 54	58 M-4 M=50 M=0.20 mm
				163				216	
2	161	040	462	5 159 4	189	591	490	5 162 54	54 M-4 M=50 M=0.20 mm
	320	631		8	320	741		108	
								-8	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					320	701			
					320	631			
					-	070			
				mm= "C"					
	1								
					-	0.007 mm = "C"			
					100	0.700			

Bk. 2042 Pg. 218 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD BLANCHARD DATE MAR 3 '72

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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

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

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=62°
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO 26716
NOTES BY SIEMANN DATE 2-24-72 TIME 9:40 TO 9:50 ROD NO 47548
INDEXED C.J. GALLI DATE MAR 2 72 NOTES CHKD BLANCHARD DATE
F.B. 2842 PG. 219

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	151	858	452	5 133 149 4	124	310	425	5 131 97 54	54 M- 4 M= 50 M=0.20 mm
2	159	330	460	5 161 157 4	187	064	488	5 214 160 54	54 M- 4 M= 50 M=0.20 mm
	311	188		8	311	374		108	
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					311	334		100	
						188			
					-	146			
				mm= "C"					
	1								
						- 015 mm = "C"			
					100	146			

FIG. 2842 PG. 220 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. 96716

TIME _____ ROD NO. 71348

NOTES CHKD BLANCHARD DATE MAR 3 72

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

76P526B CE # 308 8/68

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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.109-15 TO B.M.109-15A
B.M.109-15													B.M.109-15
													PALMDALE BLVD. & 165th ST. E. S.E. Cor
1	103	921	404	5	112 / 94	18	142	548	443	5	151 / 133	18	SEE F.B. 2844-21
							103	921				18	
												36	
B.M.109-15A							-38	627					B.M.109-15A (RD. DEPT. BL 1045)
													PALMDALE BLVD. & 165th ST. E. N.E. Cor
													SEE F.B. 2844-21

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 70°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 2-18-72

INDEXED C. J. GALLI DATE MAR 2 72

WEATHER SCAT. CLOUDS INST. NO 96716

TIME 10:05 TO 10:10 ROD NO 1713A-B

NOTES CHKD BLANCHARD DATE MAR 3 72

F.B. PG. 223

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 109-15A TO B.M. 109-15
B.M. 109-15A									B.M. 109-15A (RD. DEPT. BL 104S) PALMDALE BLVD. & 165th ST. E.
1	143	092	444 5	152 134 18	104	491	405 5	113 95 18	SEE F.B. 2844 ~~203~~ -21
									π = MALDONADO
	104	491						18	
B.M. 109-15	+ 38	601						36	B.M. 109-15 PALMDALE BLVD. & 165th ST. E. SEE F.B. 2844 ~~203~~ -21

T = 70°

WEATHER SUNNY INST. NO 96776

TIME 11:30 TO 11:30 ROD NO 1913A-1

NOTES CHKD BLANCHARD DATE MAR 3 72

JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-24-72

INDEXED C. N. GALLI DATE

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 B.M. 109-15A TO B.M. 114-1
B.M. 109-15A									B.M. 109-15A
1	131	379	432 5	166 96 70	138	012	439 5	172 104 68	PALMDALE BLVD. & 166th ST. E.
									SEE F.B. 2842 ~~203~~ -21
2	86	902	387 5	120 52 68	158	193	459 5	192 124 68	
				138				136	
3	132	541	433 5	167 97 70	154	506	455 5	189 119 70	⊼ J. MALDONADO
				208				206	
4	139	932	440 5	175 103 72	132	763	433 5	167 97 70	
				280				276	
5	147	933	448 5	181 113 68	135	260	436 5	170 100 70	
				348				346	
6	136	570	437 5	161 111 50	132	530	433 5	158 106 52	
				398				398	
B.M. 114-1								398	B.M. 114-1
	775	257			853	264		796	PALMDALE BLVD. & 170th ST. E. (S.E. COR)
					775	257			SEE F.B. 2842-203
					76	007			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 74°

SURVEY BY G. E. DREIER

NOTES BY G. E. DREIER DATE 2-18-72

INDEXED C. J. GALLI DATE MAR 2 72

WEATHER SCAT. CLOUDS INST. NO 96746

TIME 10:10 TO 10:45 ROD NO 1713A-5

NOTES CHKD BLANCHARD DATE MAR 3 72

F.B. 2842 PG. 225

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 114-1 TO B.M. 109-15A
B.M. 114-1									B.M. 114-1
1	147	402	448 5	182 112 70	154	378	455 5	190 118 72	PALMDALE BLVD. & 170th ST. E
									SEE F.B. 2842-203
2	146	964	447 5	181 111 70	169	549	470 5	204 134 70	
				140				142	
3	156	802	457 5	192 120 72	148	833	449 5	183 113 70	
				212				212	
4	158	389	459 5	193 123 70	124	420	425 5	158 90 68	π = MALDONADO
				282				280	
5	161	956	462 5	195 127 68	100	124	401 5	134 66 68	
				350				348	
6	135	950	436 5	159 111 48	134	523	435 5	160 108 52	
				398				400	
B.M. 109-15A								398	B.M. 109-15A
	907	463			831	827		798	PALMDALE BLVD. & 165th ST. E.
	831	827							SEE F.B. 2844-21
	+ 75	636							

T = 64°

WEATHER SUNNY INST. NO 96716

TIME 10:55 TO 11:30 ROD NO 17B1A-B

NOTES CHKD BLANCHARD DATE MAR 3 72

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

SURVEY BY DREIER NOTES SIEMANN 2-24-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 70°
SURVEY BY DREIER WEATHER SUNNY/WINDY INST. NO 96716
NOTES BY SIEMANN DATE 2-24-72 TIME 11:40 TO 12:00 ROD NO 17345
INDEXED C. J. GALLI DATE MAR 2 72 NOTES CHKD BLANCHARD DATE MAR 3 72
F.B. 2842 PG 227

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.109-15A TO B.M.114-1
B.M.109-15A									B.M.109-15A
1	140	706	441 5	173 107 66	146	040	447 5	180 112 68	PALMDALE BLVD. & 165TH ST. E.
									SEE F.B. 2844-2.1
2	101	090	402 5	136 66 70	169	813	470 5	203 135 68	
				136				136	
3	129	040	430 5	163 75 68	153	972	454 5	186 120 66	
				204				202	
4	149	223	450 5	184 144 70	150	321	451 5	184 116 68	T= MALDONADO
				274				270	RERUN
5	157	843	458 5	194 123 68	144	358	445 5	177 111 66	
				342				336	
6	156	400	457 5	184 128 56	145	751	446 5	176 114 62	
				398				398	
B.M.114-1								398	B.M.114-1
	834302				910255			796	PALMDALE BLVD. & 170TH ST. E.
					834302				SEE F.B. 2842-203
					75953				

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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. 114-1 TO B.M. 109-15A
B.M. 114-1									B.M. 114-1
1	142	959	443 5	178 / 142 72	149	548	450 5	183 / 115 68	PALMDALE BLVD. & 170TH ST. E.
									SEE F.B. 2842-203
2	140	167	441 5	178 / 102 76	160	837	461 5	198 / 122 76	
				148				144	
3	150	033	451 5	187 / 113 74	137	170	438 5	173 / 101 72	
				222				216	
4	154	122	455 5	190 / 118 72	114	087	415 5	149 / 79 70	π = MALDONADO
				294				286	
5	182	595	483 5	216 / 148 68	138	523	439 5	176 / 100 76	
				362				362	
6	142	942	443 5	161 / 123 38	136	855	437 5	154 / 118 36	
				400				398	
B.M. 109-15A								400	B.M. 109-15A
	912	818			837	020		798	PALMDALE BLVD. & 165TH ST. E.
	837	020							SEE F.B. 2844-21
	+ 75	898							

T = 72°

WEATHER SUNNY, WINDY INST. NO. 96716

TIME 1:30 TO 2:00 ROD NO. 713A

NOTES CHKD BLANCHARD DATE MAR 3 72

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-24-72

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.114-1 TO B.M.114-1A
B.M.114-1													B.M.114-1
													PALMDALE BLVD. & 170th ST.E., S.E.COR.
1	135	648	436	5	172 / 98	74	189	261	490	5	226 / 152	74	SEE F.B. 2842-203
							~~135~~	~~648~~				74 / 148	
B.M.114-1A							53	613					B.M.114-1A (RD. DEPT. BL 1047)
													PALMDALE BLVD. & 170th ST.E., N.E.COR.
													SEE F.B. 3717-9

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 70°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 2-18-72 WEATHER SCAT. CLOUDS INST. NO 96716
INDEXED C. J. GALLI DATE MAR 2 '72 TIME 10:45 ROD NO 1713A-B
NOTES CHKD BLANCHARD DATE MAR 3 '72

F.B. 2842 PG. 229

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 26716 ROD NO. 173A-2 DATE MAR 3 '72

WEATHER SUNNY T= 62°

TIME 10:50 TO 10:55 NOTES CHKD. BLANCHARD DATE

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-24-72

INDEXED C. J. GALLI DATE

JOB NO. 030102

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.114-1A TO B.M.114-1
B.M.114-1A									B.M.114-1A (RD. DEPT BL 1047) PALMDALE BLVD. & 170th ST.E. SEE F.B. 3719-9
1	187	384	488 5	225 149 76	133	762	434 5	171 95 76	T= MALDONADO
	133	762						76	
B.M.114-1 +	53	622						152	B.M.114-1 PALMDALE BLVD. & 170th ST.E. SEE F.B. 2842-203

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 — F.B. 2842 PG 231

SURVEY BY G.E. DREIER — WEATHER 67° THIN OVERCAST — INST. NO 296 716

NOTES BY G.E. DREIER — DATE 2-18-72 — TIME 11:50 — ROD NO 1713 A-B

INDEXED C. J. GALLI — DATE MAR 2 72 — NOTES CHKD BLANCHARD — DATE MAR 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. 114-1A TO B.M. 114-2B
B.M. 114-1A									B.M. 114-1A (RD. DEPT. BL 1047)
1	151	463	452 5	185 / 117 68	197	473	~~498~~ 498 5	232 / 162 70	PALMDALE BLVD. & 170th ST. E.
									SEE F.B. ~~3719~~ 3719-9
2	184	193	485 5	222 / 146 76	131	719	432 5	+69 / 93 76	
				178 / 108 70				193 / 123 70	144 / 146
3	143	557	444 5		158	784	459 5		T J. MALDONADO
				161 / 91 70				225 / 155 70	214 / 216
4	126	210	427 5		190	237	491 5		
				140 / 116 24				240 / 218 26	284 / 286
5	128	090	429 5	308 ✓	229	029	530 5	312 ✓	
B.M. 114-2B								308	B.M. 114-2B (RD. DEPT BL 1048)
	733	513 ✓			907	237 ✓		620 ✓	PALMDALE BLVD. & 175th ST. E
					~~733~~	~~513~~			SEE F.B. 3717-15
					173	724 ✓			

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. 114-2B TO B.M. 114-~~2B~~ 1A
B.M. 114-2B									B.M. 114-2B (RD. DEPT. B.L. 1048)
1	277	956	578 5	1277 / 240 74	117	761	418 5	156 / 78 78	PALMDALE BLVD. & 175TH ST. E.
									SEE F.B. 3717-15
2	165	257	466 5	201 / 129 72 / 146	153	242	454 5	186 / 120 66 / 144	
3	159	385	460 5	195 / 123 72 / 218	167	060	468 5	201 / 133 68 / 212	
4	95	373	396 5	126 / 64 62 / 280	80	329	381 5	115 / 45 70 / 282	$\bar{X}$ = MALDONADO
5	162	870	463 5	173 / 151 22 / 302	168	688	469	179 / 157 22 / 304	
B.M. 114-1A								302 / 606	B.M. 114-1A (RD. DEPT. BL 1047)
	860	841			687	080			PALMDALE BLVD. & 170TH ST. E.
	687	080							SEE F.B. 3717-9
	+ 173	761							

T = 62°

WEATHER SUNNY INST. NO. 96716

TIME 10:30 TO 10:50 ROD NO. 1713A-B

NOTES CHKD BLANCHARD DATE MAR 3 72

2042 - 2052 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES SIEMANN 2-24-72

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
F.B. 2842 PG. 233
SURVEY BY G.E. DREIER WEATHER SCAT. CLOUDS INST. NO. 96714
NOTES BY G.E. DREIER DATE 2-18-72 TIME 11:15 ROD NO. 17134-E
INDEXED C.J. GALLI DATE MAR 2 '72 NOTES CHKD BLANCHARD DATE MAR 3 '72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 114-2B TO B.M. 114-2A
B.M. 114-2B													B.M. 114-2B (RD DEPT BL 1048)
					218						185		PALMDALE BLVD. & 175th ST. E
1	207	308	508	5	196	22	174	058	475	5	163	22	SEE F.B. 3717-15
	174	058										22	
												44	~~T J. MALDONADO~~
B.M. 114-2A	+ 33	250											B.M. 114-2A (CTR SEC 27 T6N R9W)
													PALMDALE BLVD. & 175th ST. E.
													SEE F.B. 2842-204

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 7713A-6 DATE MAR 3 72

NOTES CHKD. BLANCHARD

TIME 10:25 to 10:30 WEATHER SUNNY T=62°

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-24-72

INDEXED C.J. GALLE DATE

JOB NO. 0301.02

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.114-2A TO B.M.114-2B
B.M.114-2A									B.M.114-2A (CTR. SEC 27 T6N, R9W) PALMDALE BLVD. & 175th ST. E
1	173	882	474	5 184 162 22	207	132	508	5 218 196 22	SEE F.B. 2842-204
					173	882		22	MALDONADO
B.M.114-2B					-33	250		44	B.M.114-2B (RD. DEPT. BL 1048) PALMDALE BLVD. & 175th ST. E. SEE F.B. 3717-15

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 F.B. 2842 PG. 235
SURVEY BY G.E.DREIER DATE 2-8-72 WEATHER SCAT. CLOUDS INST. NO 96716
NOTES BY G.E.DREIER DATE 2-8-72 TIME 11:20 TO 11:45 ROD NO 17734-E
INDEXED C.J. GALLI DATE MAR 2 '72 NOTES CHK'D LANCHARD DATE MAR 3 '72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.		STADIA	RIGHT		MIC.	LEFT.		STADIA	FROM B.M.114-2A TO B.M.114-3
B.M.114-2A						194						184	B.M.114-2A (CTR. SEC. 27 T6N. R9W.)
1	162	997	463	5		130 64	152	283	453	5		120 64	PALMDALE BLVD. & 175th ST. E.
						166		3				206	SEE F.B. 2842-204
2	134	263	435	5		102 64	174	730	474	5		140 66	
						128						172 130	T J. MALDONADO
3	114	367	415	5		147 81 66	139	589	440	5		106 66	
						194						213 196	
4	151	701	452	5		186 116 70	179	749	480	5		145 68	
						264						219 264	
5	164	833	465	5		198 130 68	185	638	486	5		151 68	
						332						332	
6	121	992	422	5		156 86 70	227	020	528	5		261 193 68	
						402						400	
B.M.114-3												402	B.M.114-3
	850	153					1058	009				802	PALMDALE BLVD. & 180th ST. E.
							850	153					SEE F.B. 2842-205
							207	856					

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. 114-3 TO B.M. 114-2A
B.M. 114-3									B.M. 114-3
1	226	212	527 5	260 / 192 68	128	077	429 5	162 / 94 68	PALMDALE BLVD. & 180TH ST. E.
									SEE F.B. 2842-205
2	197	939	498 5	233 / 161 72 / 140	170	453	471 5	205 / 135 70 / 138	
3	181	428	482 5	216 / 146 70 / 210	159	398	460 5	193 / 125 68 / 206	
4	154	513	455 5	190 / 118 72 / 282	115	191	416 5	151 / 79 72 / 278	π = MALDONADO
5	167	321	468 5	203 / 131 72 / 354	138	610	439 5	172 / 104 68 / 346	
6	155	169	456 5	177 / 133 44 / 398	162	752	463 5	191 / 133 58 / 404	
B.M. 114-2A								398	B.M. 114-2A (CTR. SEC. 27 T.6N. R.9W)
	1082	582			874	481		802	PALMDALE BLVD. & 175TH ST. E.
	874	481							SEE F.B. 2842-204
	+208	101							

T = 62°

WEATHER SUNNY INST. NO. 96716

TIME 9:55 TO 10:20 ROD NO. 713A-B

NOTES CHKD BLANCHARD DATE

JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 2-24-72

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 67° F.B. 2842 PG. 237
SURVEY BY S.E. DREIER WEATHER THIN OVERCAST INST. NO. 96266
NOTES BY S.E. DREIER DATE 2-18-72 TIME 11:45 ROD NO. 17134-1
INDEXED C.J. GALLI DATE MAR 2 '72 NOTES CHK'D BLANCHARD DATE MAR 3 '72

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.		STADIA	RIGHT		MIC.	LEFT.		STADIA	FROM B.M. 114-3 TO B.M. 114-3A
B.M. 114-3													B.M. 114-3
						~~156~~						~~214~~	PALMDALE BLVD. & 180th ST. E.
1	151		563	452	5	146 10	209		321	510	5	204 10	SEE F.B. 2842-205
							~~151~~		~~563~~			10	
												20	~~T J. MALDONADO~~
B.M. 114-3A							~~57~~		758				B.M. 114-3A (RD. DEPT. BL 1051)
													PALMDALE BLVD. & 180th ST. E.
													SEE F.B. 3717-19

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 114-3A TO B.M. 114-3
B.M. 114-3A									B.M. 114-3A (RD. DEPT BL 1051) PALMDALE BLVD. & 180th ST. E.
1	207	165	508 5	212 202 10	149	411	450 5	154 144 10	SEE F.B. 3717-19
									π = MALDONADO
	149	411						10	
B.M. 114-3	57	754						20	B.M. 114-3 PALMDALE BLVD. & 180th ST. E. SEE F.B. 2842-205

1-~~[illegible]~~ 620

WEATHER SUNNY INST. NO. 96716

TIME ~~[illegible]~~ 9:50 TO 9:55 ROD NO. 17BA-B

NOTES CHKD. BLANCHARD DATE ~~[illegible]~~ 3-72

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

SURVEY BY DREIER NOTES SIEMANN 2-24-72

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 — F.B. 2842 PG. 239

SURVEY BY G.E. DREIER — WEATHER Overcast — INST. NO. 26776

NOTES BY Maldonado — DATE 2-18-72 — TIME 1:05 to 1:30 — ROD NO. 1703 A-E

INDEXED C. J. CALLI — DATE MAR 2 '72 — NOTES CHKD BLANCHARD — DATE MAR 3 '72

T- 74°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 114-3A TO BM 114-4
B.M 114-3A					193			23			244		B.M. 114-3A (RD. DEPT BL 1051)
1	160	435	461	5	127	66	210	679	511	5	176	68	PALMDALE BLVD. & 180th ST. E.
					132						246		SEE F.B. 3717-19
2	98	604	399	5	64	68	211	130	512	5	177	68	
					138	134					253	136	
3	101	161	402	5	64	74	216	054	517	5	179	74	T-Dreier
					126	208					257	210	
4	92	072	393	5	58	68	222	467	523	5	187	70	
					119	276	3				259	280	
5	85	392	386	5	57	68	224	907	524	5	187	72	
					~~176~~	344					250	352	
6	84	112	385	5	~~54~~ 59	60	224	754	525	5	198	52	
						404						404	
												808	
	621	776					1308	991					BM 114-4
							621	776					180th St. E & Ave. Q
BM 114-4							-687	215					See F.B. 2842-206

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. 114-4 TO B.M. 114-3A
B.M. 114-4		234		264	63			98	B.M. 114-4
1	229	~~208~~	530 5	194 70	~~62~~	031	364 5	28 70	180TH. ST. E. & AVE. Q
				248				128	F.B. 2842-206
2	218	821	519 5	188 60	99	010	400 5	70 58	
				242 130				136 128	
3	213	970	514 5	184 58	106	603	407 5	76 60	
				242 188				160 188	
4	216	372	517 5	190 52	134	667	435 5	108 52	π = MALDONADO
				249 240				129 240	
5	214	163	515 5	179 70	95	031	396 5	61 68	
				239 310				138 308	
6	205	870	506 5	171 68	106	851	407 5	74 64	
				197 378				205 372	
7	185	182	486 5	173 24	191	229	492 5	177 28	
				402				400	
B.M. 114-3A								402	B.M. 114-3A (RD. BL 1051)
	1483	612			796	422		802	PALM DALE BL. & 180TH. ST. E.
	796	422							F.B. 3717-19
	+687	190							

T- 76°

WEATHER CLEAR & WINDY INST. NO. 96716

TIME 2:15 PM ROD NO. 1713A

NOTES CHKD. BLANCHARD DATE 3 72

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES ANDERSON DATE 1-23-FEB. '72

INDEXED C. J. GALLI DATE

2842 240

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 114-4 TO BM 114-4A
BM 114-4					172						183		BM 114-4
1	167	791	468	5	162	10	178	530	479	5	173	10	180th St E & Ave. Q
							167	791				10	See F.B. 2842-206
							-10	739					
												20	T-Siemann
BM 114-4A													B.M. 114-4A
													180th ST. E. & AVE. Q
													SEE F.B. 2842-206

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

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

NOTES BY Maldonado DATE 2-18-72 TIME 1:30 to ROD NO. 1713A&B

INDEXED C. J. GALLI DATE MAR 2 72 NOTES CHKD BLANCHARD DATE MAR 3 72

T-740

F.B. 2842 PG. 244

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 BM114-4A TO BM114-4
BM 114-4A				187				176	BM114-4A
1	182	068	483 5	177 10	171	382	472 5	166 10	180th St. E. & Ave. "Q"
	171	382						10	SEE F.B. 2842-206
	+10	686						20	
BM 114-4									BM 114-4
									180th St. E. & Ave. "Q"
									SEE F.B. 2842-206

1 - 18

WEATHER Sunny & Windy AST. NO. 96716

TIME 2:00 to 2:05 ROD NO. 1713 A&T

NOTES CHKD BLANCHARD DATE MAR 3 '72

2842 ...242 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 2-23-72

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 BM 114-4A TO BM 114-4B
BM 114-4A					183						195		BM 114-4A (SEC COR. 22, 23, 27, 26 T6N R9W)
1	179	661	480	5	175	8	191	439	492	5	187	8	180th ST. E. & AVE. Q
							179	661				8	SEE F.B. 2842-206
							11	778				16	
B.M. 114-4B													B.M. 114-4B (RD DEPT BL 1053)
													180th ST. E. & AVE Q
													SEE F.B. 3717-25

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-76°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 2-23-72 WEATHER Sunny & Windy INST. NO. 96716
INDEXED C. J. GALLI DATE MAR 2 '72 TIME 2:00 + 2:05 ROD NO. 1713A&B
NOTES CHKD BLANCHARD DATE MAR 3 '72

F.B. 2842 PG. 243

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 114-4B TO BM 114-4A
BM 114-4B				194					BM 114-4B (L.A.C.R.D. BM 1961)
	190	541	491	~~178~~				182	180th St. E. & Ave. "Q"
1	~~175~~	~~591~~	~~476~~ 5	~~172~~ 8	178	773	479 5	174 8	See F.B. 3717-25
	178	773		186				8	
	+11	768						16	T. Siemann
BM 114-4A									BM 114-4A
									180th St. E. & Ave. "Q"
									See 2842-206

WEATHER Sunny & Windy INST. NO. 9671
TIME 1:45 to 1:50 ROD NO. 1713
NOTES CHKD BLANCHARD DATE MAR 3 72

JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 2-23-72
INDEXED C. J. GALLI DATE

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 BM 114-4B TO BM 114-5
BM 114-4B					150	6					269		BM 114-4B
1	117	296	418	5	84	64	235	773	536	5	201	68	180th St. E. & Ave. Q
					124						250		See F.B. 3717-25
2	90	920	391	5	56	68	216	631	517	5	182	68	
					138	134					238	136	
3	104	982	405	5	70	68	204	737	505	5	170	68	T-Dreier
					130	202						204	
4	93	020	395	5	58	72	218	800	519	5	254 182	72	
					139	274					253	276	
5	101	067	402	5	63	76	216	338	517	5	179	74	
					135	350					209	350	
6	110	829	411	5	85	50	184	000	485	5	159	50	
						400						400	
												400	
	619	114					1276	279				800	
							619	114					
							657	165					BM 114-5
													180th St. E. & 0.5 mi. N. of Ave. Q
BM 114-5													See F.B. 2842-207

JOB NO. 0301.02 SURVEY OF L.A. CO., PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY Maldonado DATE 2-18-72
INDEXED C. J. GALLI DATE MAR 2 '72
WEATHER Overcast
TIME 1:35 to 2:00
NOTES CHKD BLANCHARD DATE MAR 3 '72
INST. NO. 96716
ROD NO. 1913A&B
F.B. 2842 PG. 245
T-76°

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 114-5 TO BM 114-4B
BM 114-5				243				137	BM 114-5
1	209	321	510 5	175 68	102	730	403 5	67 70	180th St. E. & 0.5 mi. N. of Ave. "Q"
				252				153	See F.B. 2842-207
2	217	934	518 5	182 70	119	433	420 5	85 68	
	2			264 138				143 138	
3	2~~3~~9	948	530 5	194 70	108	220	409 5	73 70	T-Siemann
				247 208				144 208	
4	212	718	513 5	177 70	108	308	409 5	72 72	
				280 278				135 280	
5	243	737	544 5	206 74	100	201	401 5	65 70	
				248 352				167 350	
6	226	460	527 5	204 44	144	022	445 5	121 46	
				396				396	
								396	
	1340	118			682	914		792	BM 114-4B (L.A.C.R.D. BM 1961)
	682	914							180th St. E. & Ave. "Q"
BM 114-4B									See F.B. 3717-25
	+657	204							

1-14

WEATHER Sunny & Windy INST. NO. 96711

TIME 1:20 to 11:45 ROD NO. 1713

NOTES CHKD BLANCHARD DATE MAR 3 72

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 2-23-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 114-5 TO BM 114-5A
BM 114-5									BM 114-5
				128				173	180th St. E & 0.5 mi. N. of Ave. Q
1	123	465	425 5	118 10	168	831	469 5	163 10	See F.B. 2842-207
					123	465		10	
					45	366		20	T- Dreier
									BM 114-5A (LA C.R.D. BM. 1961)
BM 114-5A									180th St. E & 0.5 mi. N. of Ave. Q
					2-24-72				See F.B. 3717-29
	Sunny & Windy			Re-Run	2:20 to 2:25 T=70°				
BM 114-5A									BM 114-5A
				129				174	
1	123	361	424 5	117 12	168	608	469 5	162 12	T- Dreier
					123	361		12	
					45	247		24	BM 114-5A
BM 114-5A									

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-740

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 2-18-72 WEATHER overcast INST. NO. 96716

INDEXED C. J. GALLI DATE MAR 2 '72 TIME 2:00 to 2:05 ROD NO. 173A & B

NOTES CHKD BLANCHARD DATE MAR 3 '72

F.B. 2842 PG 247

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 B.M. 114-5A TO B.M. 114-5
B.M. 114-5A									B.M. 114-5A (L.A.Co. RD. B.M. 1961
									180TH. ST. E., 0.5 MI. NORTH
				175				130	OF AVE. Q.
1	170	851	471 5	165 10	125	662	426 5	120 10	F.B. 3717-29
	125	662						10	
	+ 45	189						20	T = SIEMANN
B.M. 114-5									B.M. 114-5
									180TH. ST. E., 0.5 MI. NORTH
									OF AVE. Q
				Re-Run					F.B. 2842-207
BM 114-5A	2-24-72		2:15 to 2:20	171		Sunny & Windy		T= 125	BM 114-5A
1	164	950	465 5	157 14	119	720	420 5	113 12	
	119	720						14	T-Dreier
	45	230						26	BM 114-5
BM 114-5									

WEATHER CLEAR & WINDY INST. NO 96716

TIME 11:55 ROD NO 1713 A.R

NOTES CHKD BLANCHARD DATE MAR 3 72

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES ANDERSON DATE: 23-FEB.'72

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

2842 248

1 = 140

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-76
SURVEY BY E.E. Dreier WEATHER Overcast INST. NO. 96716
NOTES BY Waldemaro DATE 2-18-72 TIME 2:05 Pd ROD NO. 7134
INDEXED C. J. GALLI DATE MAR 2 72 NOTES CHKD. BLANCHARD DATE MAR 3 72
F.B. 2842 PG. 245

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 114-5A TO BM 114-6A
BM 114-5A					159						205		BM 114-5A (L.A.C.R.D. BM 1961)
1	127	150	428	5	95	64	175	743	476	5	143	62	180th St. E. & 0.5 mi. N. of Ave. Q
					145						238		See F.B. 3717-29
2	111	267	412	5	77	68	204	559	505	5	170	68	
					128	132					262	130	
3	92	075	393	5	56	72	226	082	527	5	190	72	T-Dreier
					140	204					234	202	
4	107	095	408	5	74	66	201	416	502	5	168	66	
					125	270					223	268	
5	96	003	397	5	65	60	192	853	493	5	161	62	
					166	330					199	330	
6	153	109	454		140	26	186	533	487		173	26	
						356						356	
												356	
	686	699					1187	1861				712	
							686	699					BM 114-6A (L.A.C.R.D. BM 1961)
BM 114-6A							500	487					180th St. E & 1.0 mi. N. of Ave. Q
													See F.B. 2842-208

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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.

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

SURVEY BY Daiber — NOTES Andrew — DATE 2-3-Feb. '72

INDEXED G. J. GALLI — DATE

NOTES CHKD BLANCHARD — DATE MAR 1 72

WEATHER CLEAR & WINDY — INST. NO 2672

TIME 11:35 — ROD NO 173 Pr

1 = 1.5"

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 114-6A TO B.M. 114-5A
B.M. 114-6A	200	180	501	5	280 170 60	122	231	423	5	54 90 64	B.M. 114-6A (L.A. Co. Rd. Dept. B.M. '61)
2	209	052	370	5	240 178 62	100	430	401	5	122 68 54	180TH. ST. E., 1.0 NORTH OF AVE. Q
3	196	602	497	5	230 162 68	103	768	464	5	134 72 62	F.B. 2892-208
4	242	550	543	5	278 206 72	110	590	411	5	146 74 72	T = SIEMANN
5	219	969	520	5	254 184 70	136	455	437	5	171 101 70	
6	186	210	487	5	200 172 28	180	722	481	5	185 165 20	
					360					362	
B.M. 114-5A										360	B.M. 114-5A (R.D. Dept. B.M. 1961
	1254563					754 196				722	180TH. ST. E., 0.5 MI. NORTH OF AVE. Q
	754196										F.B. 3717-29
	+500367										

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 114-6A TO BM 114-6
BM 114-6A					153						230		BM 114-6A (L.A.C.R.D.B.M. 1961)
1	129	220	430	5	105	48	206	811	507	5	182	48	180th St. E. & 1.00 mi. N. of Ave D
							129	220				48	See F.B.
							77	591				96	T-Dreier
													BM 114-6 (U.S.&G.S. L.S.19 1929)
BM 114-6X													180th St E & 1.0 mi. N. of Ave "Q"
													See F.B. 2842-208
BM					~~Re-Run~~								
	~~Sunny & Windy~~				~~1=70°~~		~~2:25 to 2:30~~				~~2-24-72~~		

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-74°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 2-18-72
INDEXED C. J. GALLI DATE MAR 2 '72
WEATHER Overcast INST. NO. 96716
TIME 2:30 to 2:35 ROD NO. 1713A & 1
NOTES CHKD BLANCHARD DATE MAR 3 '72
F.B. 2842 PG. 251

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 114-6 TO BM 114-6A
BM 114-6				237				160	BM 114-6
1	214	550	515 5	191 46	137	050	438 5	114 46	180th St. E. & 1.0 mi. No. of Ave. "Q"
	137	050						46	See F.B. 2842-208
	+77	500						92	
									T-Siemann
BM 114-6A									BM 114-6A
									180th St. E. & 1.0 mi. No. of Ave. "Q"
				Re-Run					See F.B. 2842-208
BM 114-6A	Sunny & Windy T=70°				2-24-72		2:25 to 2:30		BM 114-6A
				216				137	
1	191	390	492 5	166 50	113	782	414 5	89 48	
	113	782						50	
	+77	608						98	BM 114-6A
BM 114-6A									

2842-252 JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Dreier NOTES Maldonado 2-22-72

INDEXED C. J. GALL DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:30 to 2:35 ROD NO. 1713 A&B

NOTES CHKD BLANCHARD DATE 3-70

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 114-6 TO BM 114-7A
BM 114-6											237		BM 114-6 (U.S.&G.S. L.S. 19 1929.)
1	79	346	~~800~~ 380	5	132 36	86	194	038	495	5	151	86	180th St. E & 1.0 mi. N. of Ave Q
					130			620			211		see F.B. 2842-208
2	94	280	395	5	58	72	175	~~701~~	476	5	139	72	
					135	158					221	158	
3	103	620	404	5	71	64	189	211	490	5	157	64	T-Siemann
					118	222					226	222	
4	84	000	385	5	50	68	192	931	493	5	158	68	
					135	290					219	290	
5	101	240	402	5	67	68	184	701	485	5	149	70	
					139	358					203	360	
6	123	520	424	5	107	32	188	399	489	5	171	32	
						390						392	
												390	
	586	006					1124	900				782	
							586	006					BM 114-7A (L.A.C.R.D. BM. 1961)
BM 114-7A							538	894					180th St. E & 0.5 mi. So of Ave "O"
													see F.B. 3717-37

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 2-23-72

INDEXED C. J. GALLI DATE MAR 2 '72

WEATHER Sunny & Bri INST. NO. 96712

TIME 9:45 to 11:05 ROD NO. 1713A&B

NOTES CHKD. BLANCHARD DATE MAR 3 '72

T-62°

F.B. 2842 PG. 253

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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.

WEATHER Sunny & Windy INST. NO 96711
TIME 2:10 to 2:30 ROD NO 773462
NOTES CHKD BLANCHARD DATE MAR 3 72

SURVEY OF L.A.C.O. Precise Level Net JOB NO 0301.02
SURVEY BY Dreher NOTES Maldonado 2-22-72
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 114-7A TO BM 114-6
BM 114-7A					247						136		BM 114-7A (L.A.C.R.D. BM. 1961)
1	213	830	514	5	179	68	101	998	402	5	66	70	180th St. E. & 0.5 mi. So. of Ave. "O"
					213						126		See F.B. 3717-37
2	178	742	480	5	145	68	93	962	394	5	60	66	
					250	136					144	136	T-Siemann
3	216	809	517	5	182	68	110	219	411	5	76	68	
					229	204					151	204	
4	195	249	496	5	161	68	117	498	418	5	83	68	
					212	272					137	272	
5	178	381	479	5	144	68	103	030	404	5	69	68	
					208	340					126	340	
6	184	509	485	5	160	48	102	980	403	5	78	48	
						388						388	
												388	
	1168	520					629	687				776	
	629	687											BM 114-6
BM 114-6	538	833											180th St. E. & 1.0 mi. No. of Ave. "Q"
													See F.B. 2842-208

1-62

2842 - 254

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 BM 114-7A TO BM 114-7
BM114-7A					167						177		BM114-7A (L.A.C.R.D. BM 1961)
1	154	078	455	5	141	26	164	039	465	5	151	26	180th St. E. & 0.5 mi. So. of Ave O
					130		154	078				26	See F.B. 3717-37
2	95	670	396	5	60	70	09	961				52	
													K-Siemann
BM 114-7													BM114-7
													180th St. E. & 0.5 mi. So. of Ave. O
													See F.B. 2842-209

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 2-22-72

INDEXED C. J. GALLI DATE MAR 2 '72

WEATHER Sunny & Br. INST. NO 96716

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

NOTES CHKD BLANCHARD DATE MAR 3 72

T-62°

F.B. 2842 PG. 255

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 BM114-7 TO BM114-7A
BM114-7				188				178	BM114-7
1	175	590	476 5	162 26	165	658	466 5	152 26	180th St. E. & 0.5 mi. So. of Ave. "O"
	165	658						26	See F.B. 2842-209
	+009	932						52	π- Siemann
BM114-7A									BM114-7A (L.A.C.R.D. BM 1961) 180th St. E. & 0.5 mi. So. of Ave. "O" See F.B. 3717-37

1-67

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:05 to 2:10 ROD NO. 1713A&B

NOTES CHKD BLANCHARD DATE MAR 3 72

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 2-22-72

INDEXED C. J. GALLI DATE

2842 PG. 256

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 114-7 TO BM 106-84
BM 114-7					132						233		BM 114-7
1	96	496	397	5	60	72	197	680	498	5	161	72	180th St. E. & 0.5 mi So of Ave "O"
					128						226		See F.B. 2842-209
2	92	170	393	5	56	72	190	859	491	5	154	72	
					114	144					243	144	
3	78	393	379	5	42	72	208	272	509	5	173	70	π-Siemann
					130	216					233	214	
4	95	670	396	5	60	70	198	300	499	5	163	70	
					143	286					220	284	
5	108	231	409	5	73	70	186	788	487	5	152	68	
					151	356					258	352	
6	124	070	425	5	98	53	229	080	530	5	200	58	
						409						410	
												409	
	595	030					1210	978				819	
BM							595	039					BM 106-84
								0					180th St. E. & Ave "O" ℄ Int.
							615	949					See F.B. 2418-90

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 2-23-72

INDEXED C. J. GALLI DATE MAR 2 '72

WEATHER Sunny & Breezy

TIME 11:10 to 11:25

NOTES CHKD BLANCHARD DATE MAR 3 '72

INST. NO. 96716

ROD NO. 1713A&B

T-62°

F.B. 2842 PG. 257

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 BM106-84 TO BM114-7
BM106-84				253				151	BM106-84 (T6N R9W 11,12,15,14)
1	219	431	520 5	185 68	117	248	418 5	83 68	180th St. E. & Ave. "O" ℄ Int.
				221				131	See F.B. 2418-90
2	187	050	488 5	153 68	97	120	398 5	63 68	
				244 136				131 136	R. Siemann
3	209	655	510 5	174 70	96	879	397 5	61 70	
				233 206				122 206	
4	199	160	500 5	165 68	88	719	389 5	54 68	
				236 274				133 274	
5	202	475	503 5	168 68	99	766	400 5	65 68	
				231 342				128 342	
6	197	998	498 5	163 68	95	077	396 5	62 66	
				169 410				175 408	
7	165	684	466 5	161 8	170	780	471 5	165 10	
				418				418	
								418	BM114-7
BM114-7	1381	453			765	589		836	180th St. E. & 0.5 mi. So. of Ave "O"
	765	589							See F.B. 2842-209
	+615	864							

T-64

WEATHER Sunny & Windy INST. NO. 9676

TIME 1:40 to 2:05 ROD NO. 1713A&B

NOTES CHKD BLANCHARD DATE MAR 3 72

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 2-22-72

INDEXED C. J. GALLI DATE

2842 ...238

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=600
SURVEY BY G.E. DREIER WEATHER WINDY INST. NO 26716
NOTES BY SIEMANN DATE 2-22-72 TIME 11:35 TO 12:00 ROD NO 71345
INDEXED C.J. GALLI DATE MAR 2 '72 NOTES CHKD BLANCHARD DATE MAR 3 '72
F.B. 2842 PG. 259

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 106-84 TO BM. 106-85
M.106-84	4												BM.106-84 (T.6N. R9W 10-11-15-14)
1	128	882	429	5	136 100	56	179	594	480	5	206 152	54	AVE. O & 180TH ST. E. & INT.
													SEE F.B. 2418-90
2	107	851	408	5	136 78	58	189	070	490	5	217 161	56	
					140	114					218	110	
3	111	262	412	5	82	58	189	884	490	5	160	58	
					154	172						168	
4	123	850	424	5	95	56	199	829	500	5	227 171	56	
					145	228					220	224	⊼ = MALDONADO
5	118	088	419	5	91	54	192	980	493	5	164	56	
					130	282					215	280	
6	103	801	404	5	75	55	187	243	488	5	159	56	
					136	337					210	336	
7	108	322	409	5	80	56	182	316	483	5	154	56	✓
						393	✓					392	
M.106-85							13					378	B.M. 106-85
	802	056	✓				920	916	✓			785	180TH ST. E. & AVE. N-8
							802	056					SEE F.B. 2418-91
							118	860	✓				
						−	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.

INST. NO. 96716 ROD NO. 71346 DATE 3-72

NOTES CHKD BLANCHARD WEATHER WINDY T=64° TIME 1:05 to 1:30

SURVEY OF L.A.CO PRECISE LEVEL NET JOB NO. 030102

SURVEY BY PREICE NOTES SIEMANN 2-22-72

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 106-85 TO B.M. 106-84
B.M. 106-85									B.M. 106-85
1	173	093	474	5	113	523	414	5	180TH ST. E. & AVE. N-8
				197 149 48				138 88 50	SEE F.B. 2418-91
2	187	900	488	5	116	859	417	5	
				215 159 56				144 88 56	
				104				106	
3	201	530	502	5	111	733	412	5	
				230 172 58				140 82 58	
				162				164	
4	207	592	508	5	127	802	428	5	T = MALDONADO
				235 179 56				156 98 58	
				218				222	
5	186	261	487	5	105	543	406	5	
				214 158 56				133 77 56	
				274				278	
6	191	468	492	5	104	643	405	5	
				220 162 58				134 74 60	
				332				338	
7	181	801	482	5	130	951	431	5	
				208 154 54				160 100 60	
				386 ✓				398 ✓	
B.M. 106-84					1			386	B.M. 106-84 (T6N R9W 11-12 1574)
	1329	645 ✓			812	054 ✓		784	AVE. O & 180TH ST. E. & INT.
	811	054							SEE F.B. 2418-90
	+5185911								

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RERUN RIGHT	FORESIGHT RERUN MIC.	FORESIGHT RERUN LEFT.	FORESIGHT RERUN STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 106-84 TO B.M. 106-85
B.M. 106-84									B.M. 106-84
1	137	392	438 5	170 / 104 66	194	787	495 5	226 / 162 64	AVE. O & 180th ST. E.
									SEE F.B. 2418-90
2	93	327	394 5	130 / 56 74	210	180	511 5	249 / 173 74	
				140				138	
3	103	992	404 5	140 / 66 74	201	616	507 5	237 / 165 72	RERUN
				214				210	T J. MALDONADO
4	103	527	404 5	140 / 66 74	214	268	515 5	250 / 178 72	
				288				282	
5	105	092	406 5	138 / 72 66	202	421	503 5	238 / 166 72	
				354				354	
6	118	681	419 5	136 / 100 36	157	720	458 5	175 / 139 36	
				390				390	
B.M. 106-85								390	B.M. 106-85
	662	011			1180	992		780	180th ST. E. AVE. N-8
					662	011			SEE F.B. 2418-91
					518	981			

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 2-25-72

INDEXED C. J. GALLI DATE MAR 2 72

58°

WEATHER WINDY - CLEAR

TIME 9:45 TO

NOTES CHKD BLANCHARD DATE MAR 3 72

INST. NO. 96716

ROD NO. 1715A-E

F.B. 2842 PG. 261

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RERUN RIGHT	FORESIGHT RERUN MIC.	FORESIGHT RERUN LEFT.	FORESIGHT RERUN STADIA	DESCRIPTION AND REMARKS FROM B.M. 106-85 TO B.M. 106-84
B.M. 106-85									B.M. 106-85
1	194	010 ~~001~~	495 5	159 70	105	029	406 5	140 70 70	180th ST. E. & AVE. N-8
									SEE F.B. 2418-91
2	207	432	508 5	243 171 72	88	727	389 5	123 53 70	
				142				140	
3	205	440	506 5	240 170 70	167	264	408 5	143 71 72	RERUN
				212				212	J. MALDONADO
4	191	922	492 5	227 155 72	94	732	395 5	129 59 70	
				284				282	
5	199	532	500 5	231 167 64	110	886	411 5	142 78 64	
				348				346	
6	169	622	470 5	189 149 40	142	377	443 5	163 121 42	
				388				388	
B.M. 106-84								388	B.M. 106-84
	1167	958			649	015		776	AVE. O & 180th ST. E.
	649	015							SEE F.B. 2418-90
	+518	943							

F.B. 2842 PG. 262 JOB NO. 0301.02

SURVEY OF LA CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 2-25-72

INDEXED C. J. GALLI DATE

WEATHER WINDY-CLEAR INST. NO. 96716

TIME 10:10 ROD NO. 173A-1

NOTES CHKD. BLANCHARD DATE

570