Survey of LA Co. PRECISE LEVEL NET F. B. 2425 PG.
JN 0301.02 Tape Std °F
Surveyed by
Notes Date
Indexed

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" " " " "	1972	113 TO 164
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Microfilmed Nov. '85

PLEASE RETURN TO
COUNTY OF
DEPARTMENT
403 LOS ANGELES

16F309S CE#310 3-69

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 11 & 12-58
Date	Indexed [illegible] C. Johnson 12-23-58

F. B. 2425 PG. 5

LINE NO. 110

L.A. CO. PRECISE LEVEL NET

JOB. NO 0301.02

FROM PALMDALE TO AVE. M., VIA. PALMDALE BLVD., 10th ST. W., AVE. O, AND 20th ST. W.

G.E. DREIER
A.C. GUIZADO
T. OHASHI
G.P. ALWIN
R.A. MOORE

SEE F.B. 3724-5 TO 42

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

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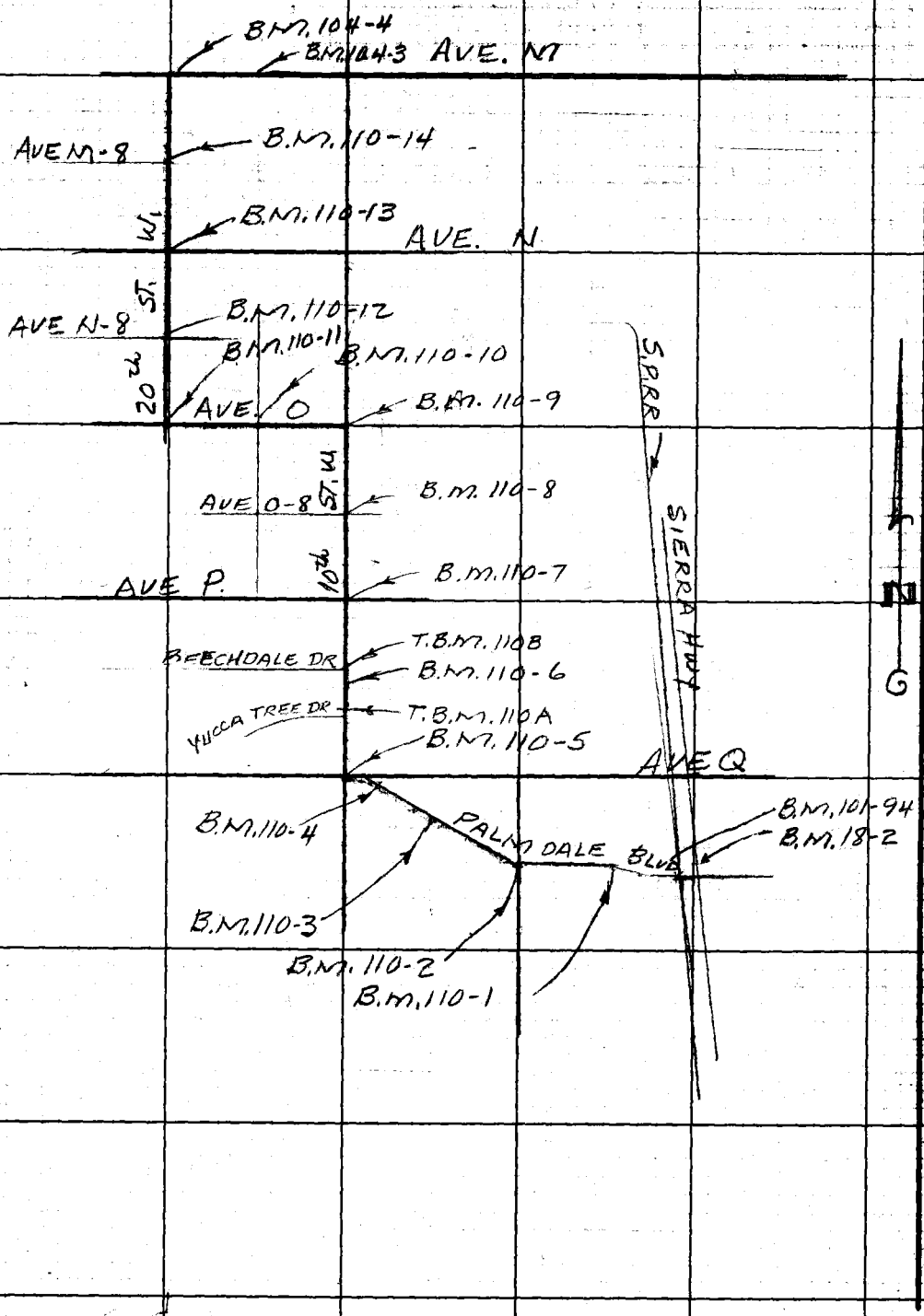
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247—3-57

F. B. 2425 Pg. 6

LINE NO. 110



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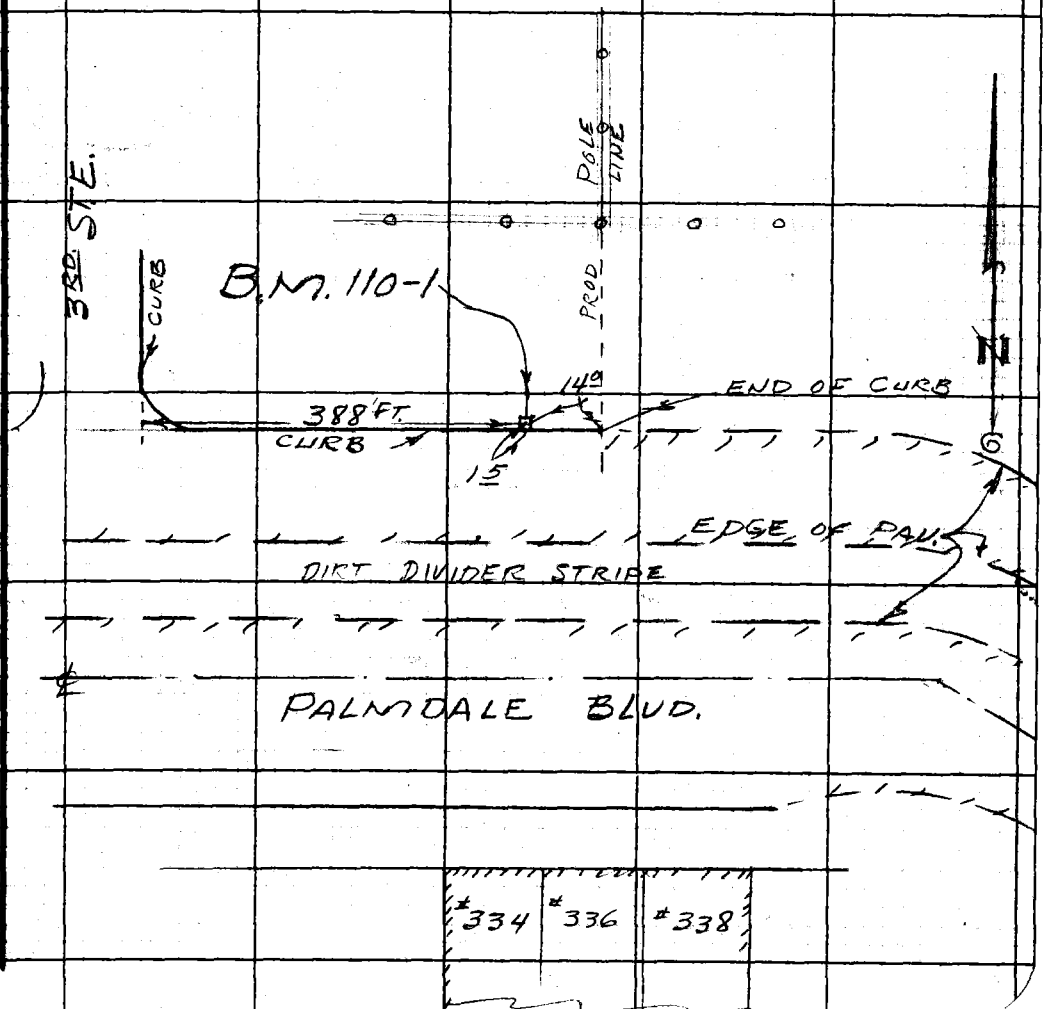
Notes Ck'd by	Survey [redacted] F. B. 2425 Pg. 7
Map No.	JN 030102 Tape Std. °F
Office Work	Surveyed by [redacted]
Checked	Notes [redacted] Date 11-25-58
Date	Indexed [redacted]

B.M. 110-1

PALMDALE BLVD, N. SIDE, 388 FT. E. OF E. CURB OF 3RD ST. E., 1.5 FT BACK OF N. CURB, OPPOSITE HOUSE NO. 336, 14 FT. W. OF S'LY PROD OF LINE OF POWER POLES AND E. END OF CURB, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 110-1 1958 R.E. 5869" IN TOP OF 12 INCH CONC. POST FLUSH WITH TOP OF CURB.



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F. B. 2425 Pg. 8

19"

B.M. 110-2A

PALMDALE BLVD. AND DIVISION ST., ℄ INTERSECTION A STD PRECAST MON. STAMPED

10 INCHES BELOW THE SURFACE UNDER A CAST IRON COVER

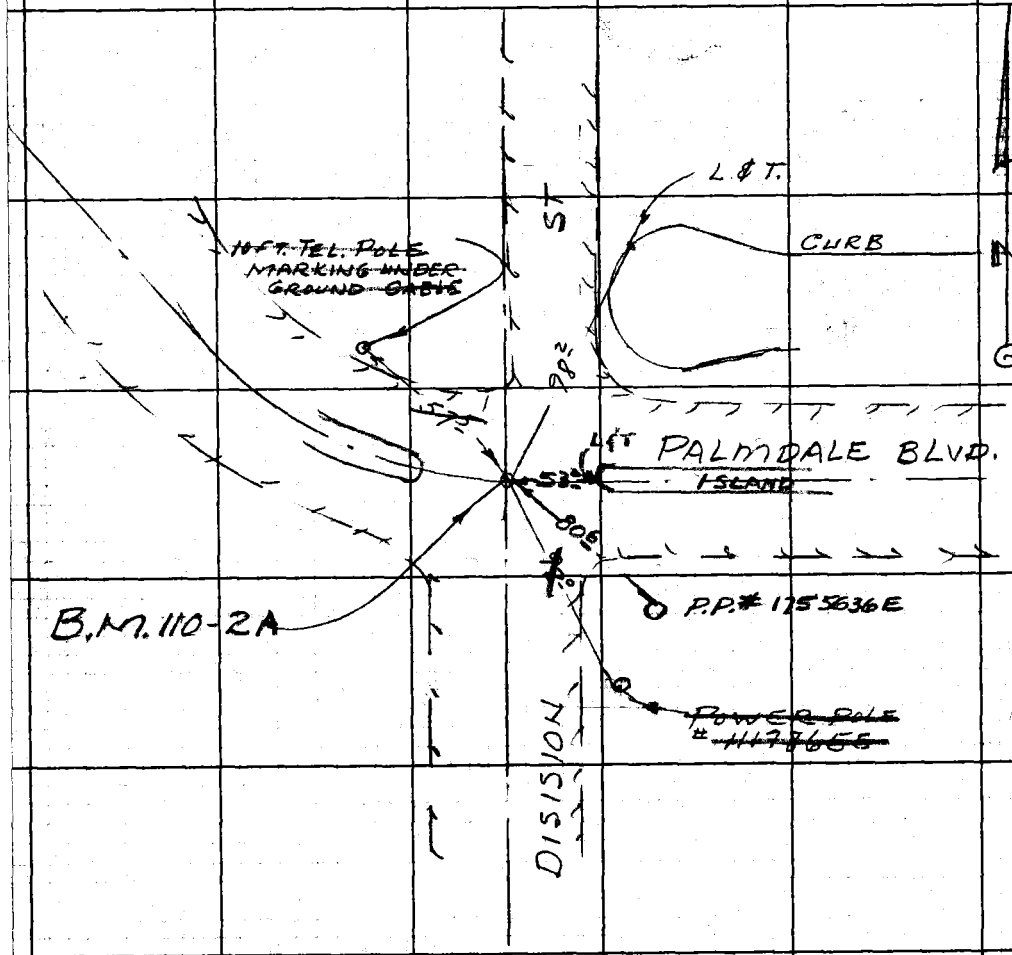
NEW TIES:

80.6 ft. N.W. of P.P.# 1755636E

53.2 ft. W. of L.&T. on W. End of Island

Fd. a 2" Br. disk stamped "California Division of Highways"

COUNTY SURVEYORS MONUMENT
T. 6N.
R. 12W.
27 26
1/4 SEC. COR.
1929



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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	L.A. CO. PRECISE LEVEL NET
Map No.	Survey of JN 030102 Tape Std °F
Office Work	Surveyed by E. E. DREW
Checked	Noted E. E. DREW Date 12-1-58
Date	Indexed C. J. [illegible]

F. B. 2425 Pg. 9

21"

B.M. 110-3

W. OF PALMDALE, ON PALMDALE BLVD., 0.55 MI. N.W. OF DIVISION ST., 76.7 FT. S.E. OF A 10' HIGH POLE WITH SIGN, MARKING UNDER GROUND TELEPHONE CABLE, (4th POLE N.W. OF DIVISION ST, 3RD POLE S.E. OF AVE. Q) A STD. PRECAST MON. STAMPED

COUNTY SURVEYORS T.6N. W¼ COR + NE. 1/4 SEC. 27 MONUMENT

21 INCHES DEEP UNDER CAST IRON COVER, 2 FT. S. OF CENTER OF PAVEMENT.

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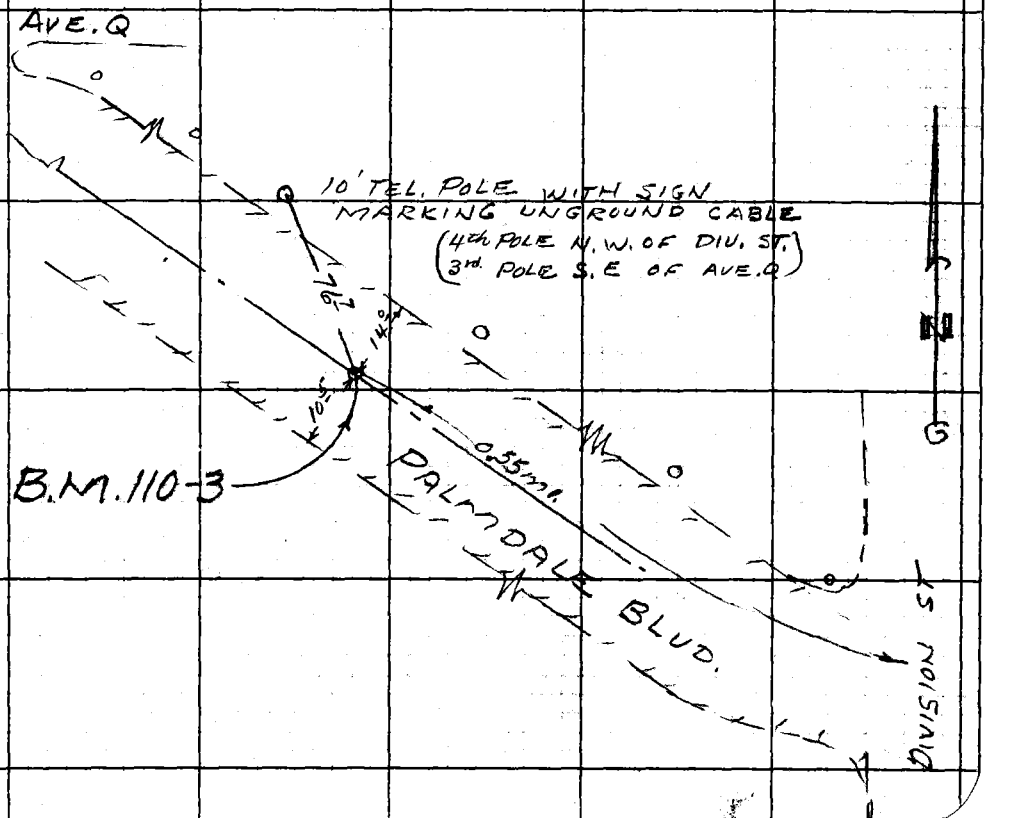
76F3098 CE #247—3-57



F. B. 2425 Pg. 10

B.M. 110-4 (U.S.G.S., L.S. 66 1929)
W. OF PALMDALE, AT PALMDALE BLVD. AND AVE Q, 520 FT. E. OF 10th ST. W., 47 FT. S. OF ℄ OF AVE. Q, 31.6 FT. S.W. OF TEL. POLE NO 26 A STD U.S.G.S. IN COOPERATION WITH L.A.CO. BRASS DISC STAMPED "L.S. 66 1929" IN TOP OF A 6 INCH CONC. POST 24 INCHES BELOW GROUND.

B.M. 110-5
W. OF PALMDALE, AT AVE. Q AND 10th ST. W., IN INTERSECTION ON ℄ AVE. Q, 50.3 FT. W. OF E CURB OF 10th ST. W. A STD. PRECAST MON. STAMPED

COUNTY SURVEYORS MONUMENT T.6N. R.12W. 21 22 28 27

25 INCHES BELOW THE SURFACE UNDER A CAST IRON COVER.

NEW TIES:
84± ft. N.E. of P.P.# 1671642E
74± ft. S.E. of P.P.# 1671641E

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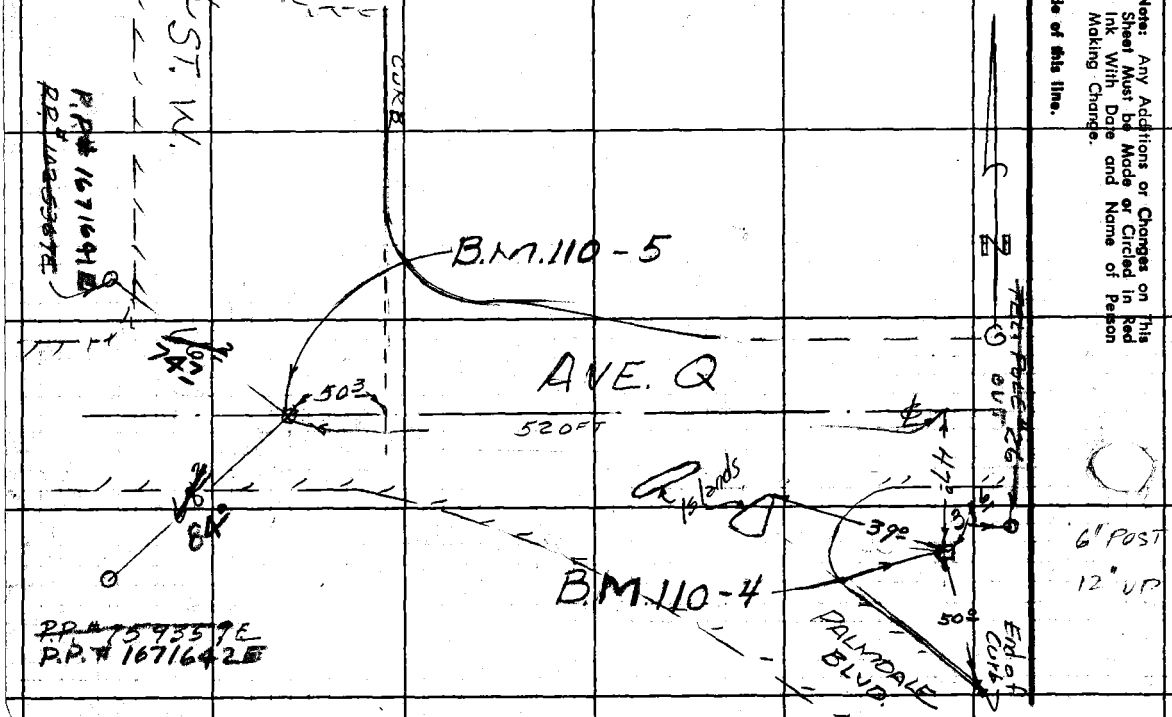


Notes Ck'd by
Map No.
Office Work
Checked
Date

L.A. CO. PRECISE LEVEL NET
JN 0301.02 Tape Std °F
Surveyed by G. E. DREIER
Notes G. E. DREIER Date 12-1-58
Indexed A. O. JOHNSON

F. B. 2425 PG. 11

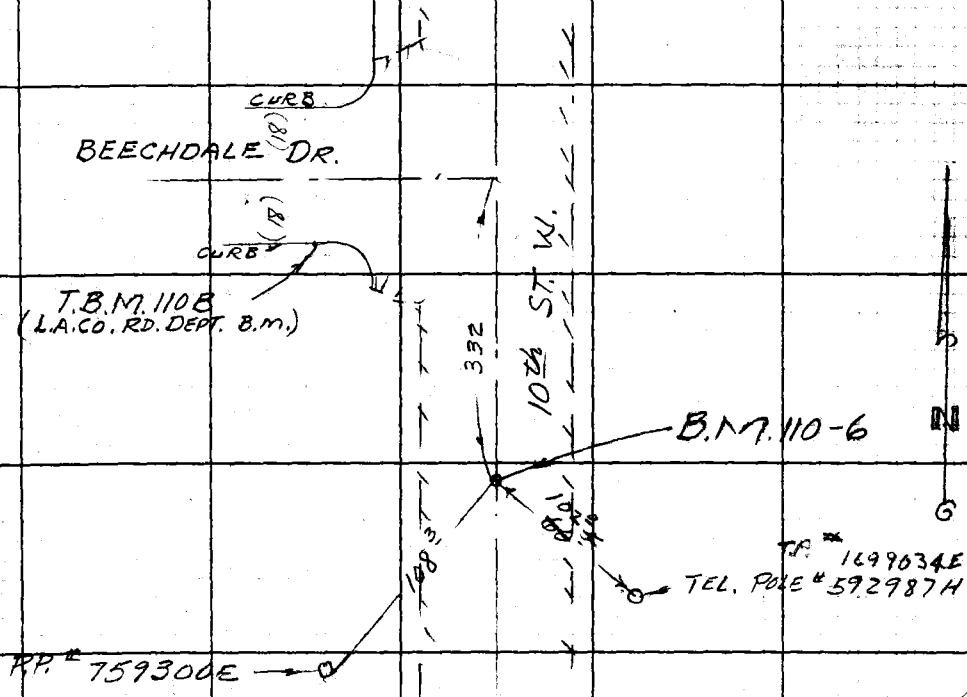
T.B.M. 110A, 10th ST. W. AND YUCCA TREE ST. 65 FT. N. AND 16 FT. W. OF ℄ INTER., A B. SPK 20 FT. N. OF S. END OF CURB ON W. SIDE OF CHURCH PARKING AREA.

B.M. 110-6

N.W. OF PALMDALE, AT 10th ST. W. AND BEECHDALE DR. 332 FT. S. OF ℄ INTERSECTION A STD. PRE-CAST MON. STAMPED 6 INCHES BELOW THE SURFACE UNDER A CAST IRON COVER.

COUNTY ENGINEER
T.6N
R.12W.
21 22
1/4 COR.
R. E. 5869

B.M. 110-6A
T.B.M. 110B (L.A. CO. RD. DEPT. B.M.)
10th ST. W. AND BEECHDALE DR. S.W. COR, A BRASS NAIL IN LEAD, WITH A BRASS TAG STAMPED L.A. CO. RD. DEPT B.M., IN TOP OF CURB 0.8 FT W. OF W. END OF CURB RETURN



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76F2098 CE #247—3-57

F. B. 2425 Pg. 12

B.M. 110-7

N.W. OF PALMDALE, A 10th ST. W. AND AVE. P, & INTERSECTION A STD. PRECAST MON. STAMPED

COUNTY SURVEYORS MONUMENT T. 6 N. R. 12 W. 16 15 21 22 1928

26 INCHES DEEP UNDER CAST IRON COVER

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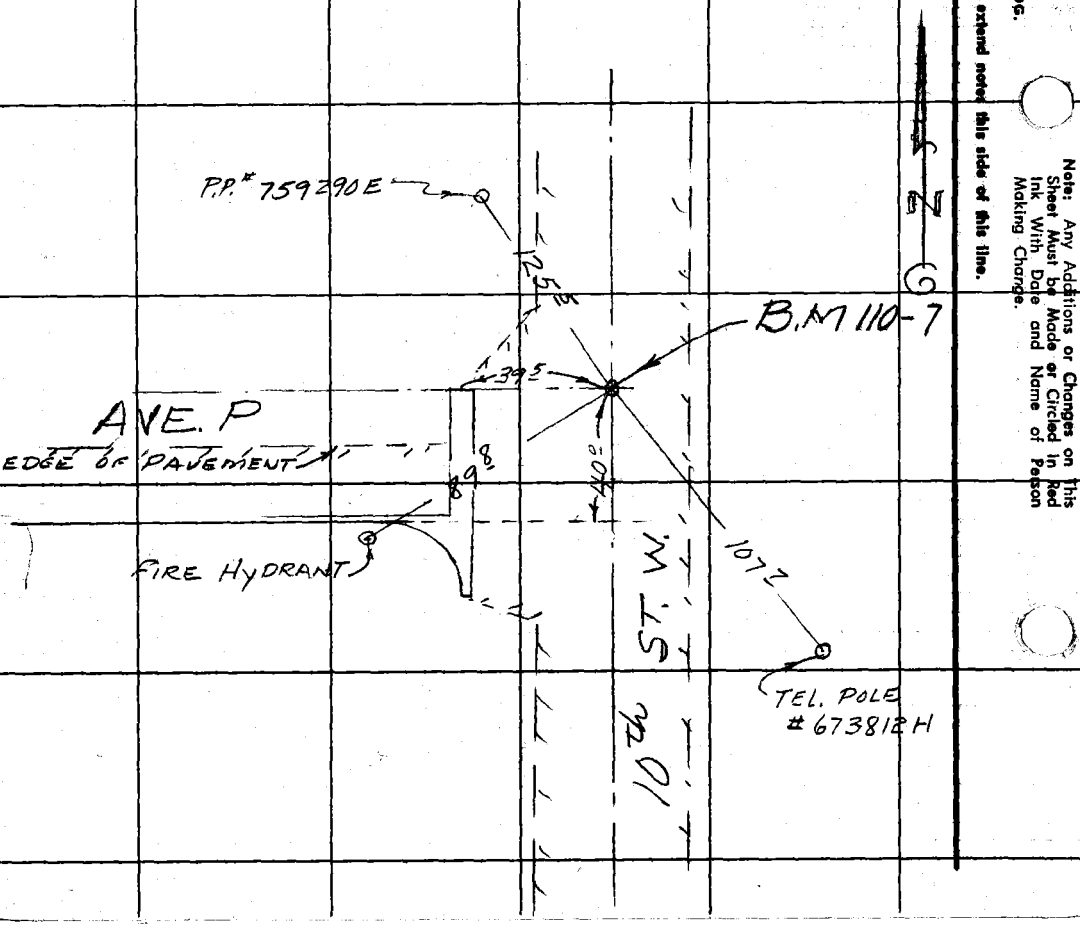

Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NE
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by E. E. DREIER
Checked	Notes E. E. DREIER 12-1-58
Date	Indexed

F. B. 2425 Pg. 13

B.M. NO 8

N.W. OF PALMDALE AT 10th ST. W. AND AVE. O-8, & INTERSECTION, A STD. PRECAST MON. STAMPED > 18 INCHES DEEP UNDER CAST IRON COVER

COUNTY ENGINEER T.6N. R.12W. 16 15 1/4 COR. R.E. 68

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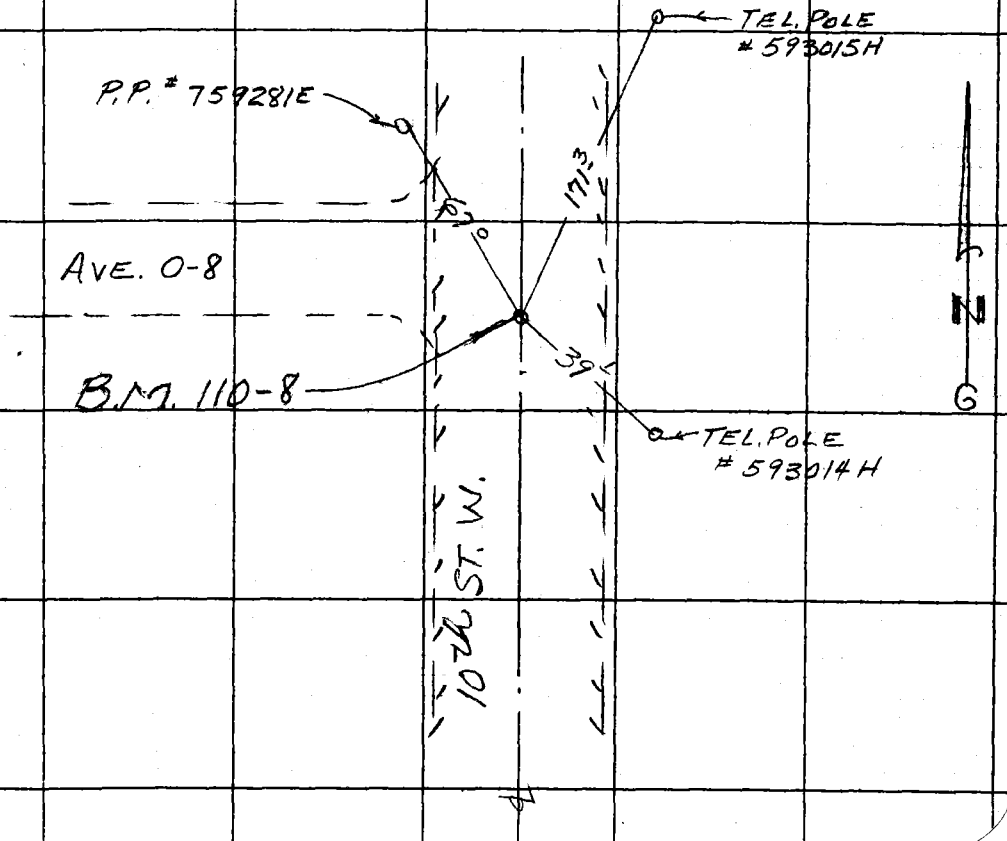

78F3098 CE #247—3-57

F. B. 2425 Pg. 14

B.M. 110-9
N.W. OF PALMDALE, AT 10th ST. W. AND AVE. O, & INTERSECTION, A STD. PRECAST MON. STAMPED

11 INCHES BELOW THE SURFACE UNDER CAST IRON COVER

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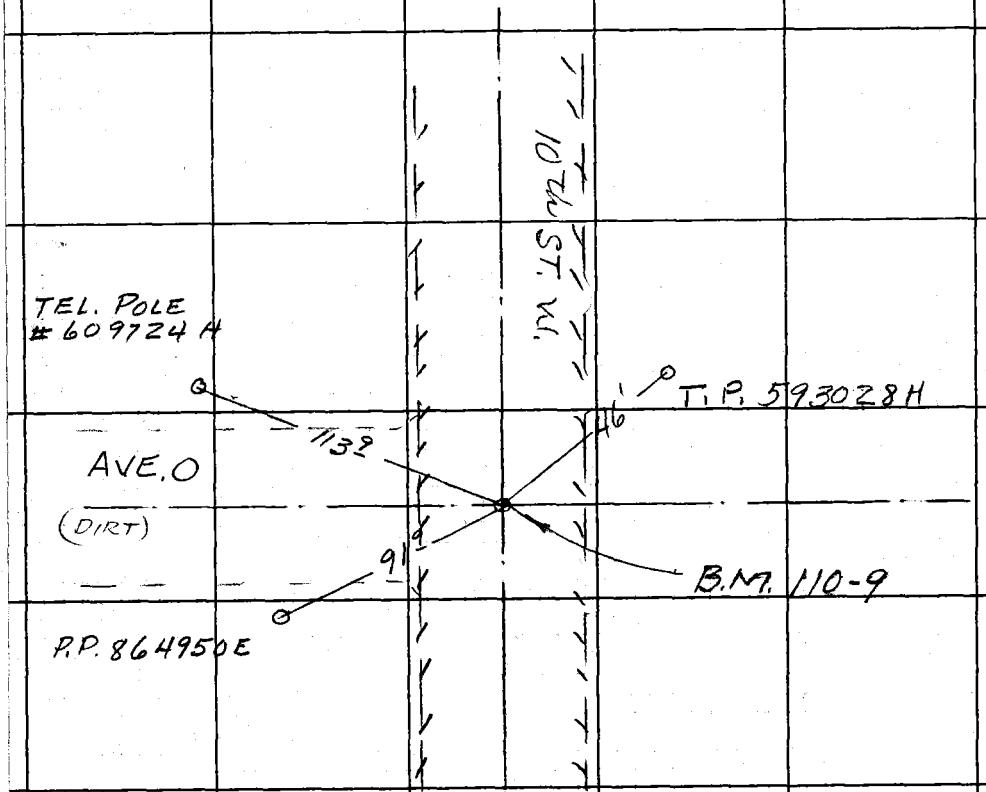


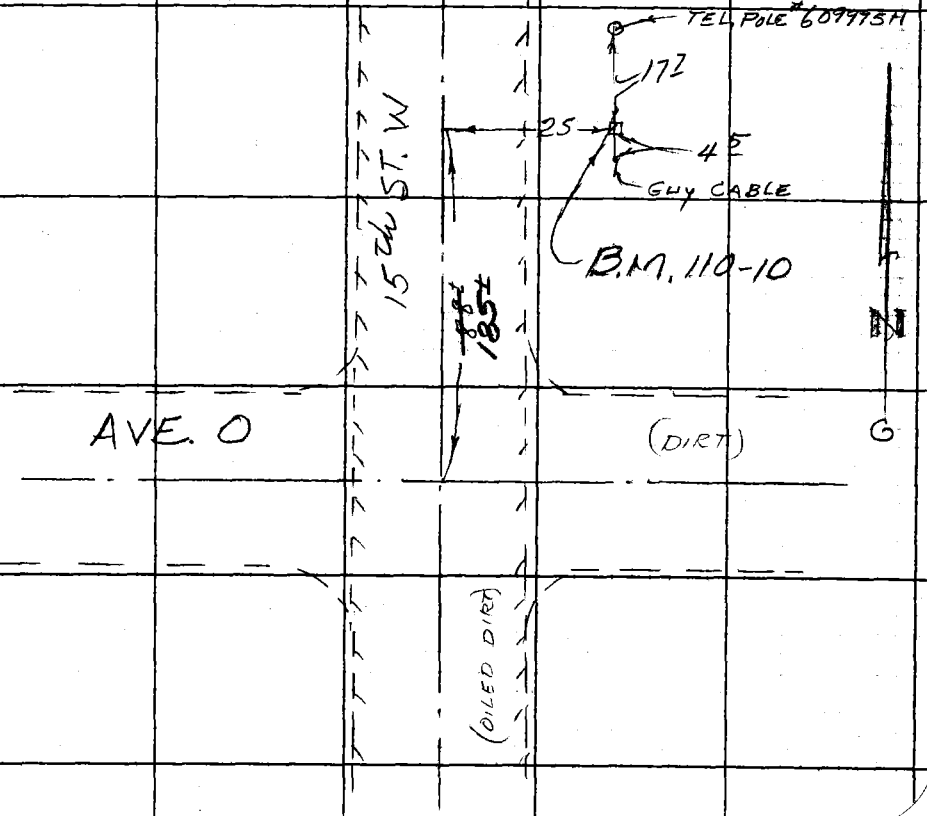
Notes Ck'd by
Map No.
Office Work
Checked
Date

L.A. CO. PRECISE LEVEL NET
Survey of
JN 030102 Tape Std °F
Surveyed by E. L. DREIER
Notes E. L. DREIER Date 12-2-58
Indexed T. C. Johnson

F. B. 2425 Pg. 15

B.M. 110-10.

N.W. OF PALMDALE, AT AVE. O AND 15th ST. W, ~~88~~ 185± FT. N. AND 25 FT. E. OF ℄ INTERSECTION, 17.7 FT. S. OF TELEPHONE POLE NO. 609975H, 4.5 FT. N. OF GUY CABLE ANCHOR, A STD. CO. ENGR. B.M. CAP IN TOP OF A 12 INCH CONC. POST 4 INCHES ABOVE GROUND.



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RETURN TO
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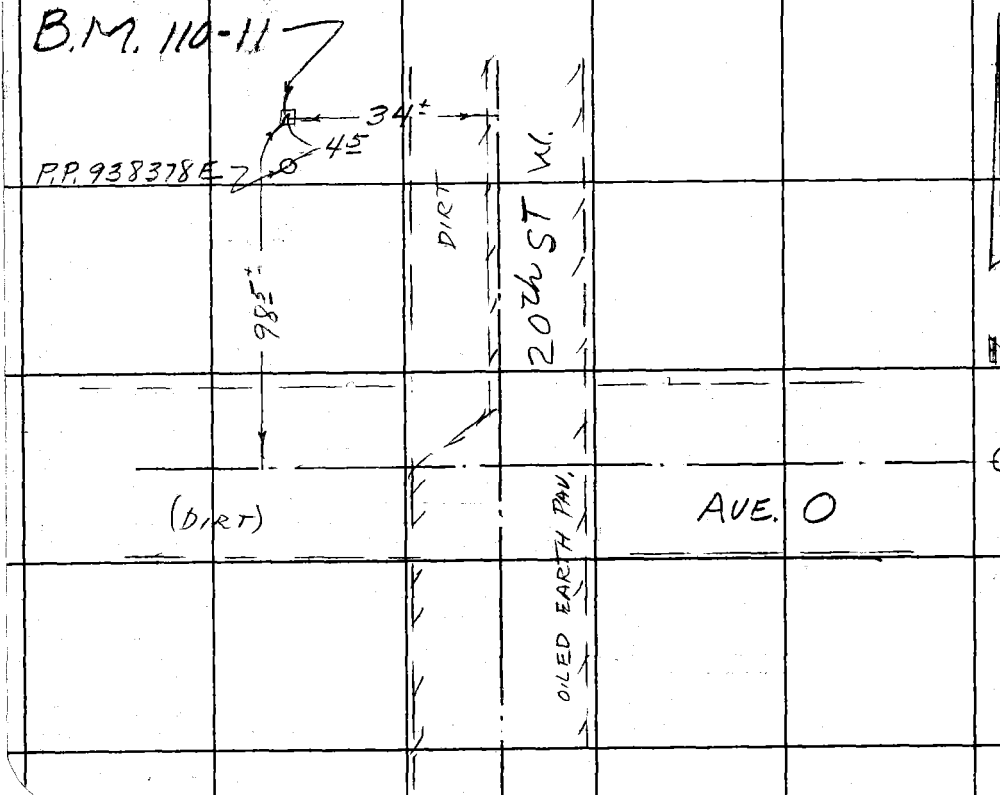
78F309S CE #247—3-57

F. B. 2425 Pg. 16

B.M. 110-11

N.W. OF PALMDALE, AT AVE. O AND 20th ST. W., 198 FT. N. AND ± 34 FT. W. OF CENTER of INTERSECTION, 4.5 FT. N. OF POWER POLE NO. 938378E, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 110-11 1958 RE. 5869" IN TOP OF A 12 INCH CONC. POST 6 INCHES ABOVE GROUND.



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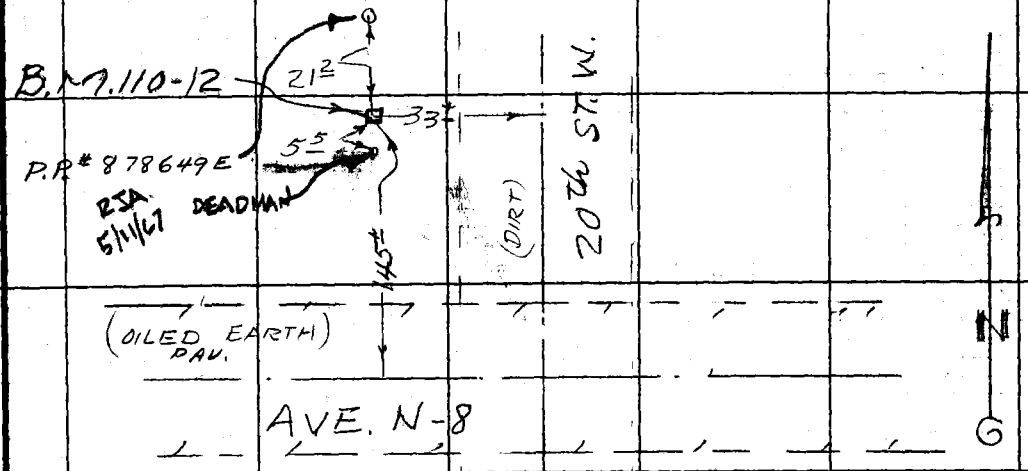
Notes Ck'd by	Survey of [illegible] CO. PRECISE LEVEL NO.	F. B. 2425 PG. 17
Map No.	JN 0301.02 Tape Std. °F	
Office Work	Surveyed by [illegible]	
Checked	Notes [illegible] Date 12-2-58	
Date	Indexed [illegible] C. Johnson	

B.M. 110-12

N.W. OF PALMDALE, AT 20th ST. W. AND AVE. N-8, ± 33 FT. W., AND ± 145 FT. N. OF CENTER OF INTERSECTION, 21.2 FT. S. OF POWER POLE NO. 878649E, 5.5 FT. N. OF GUY CABLE ANCHOR, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 110-12 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST 4 INCHES ABOVE GROUND.



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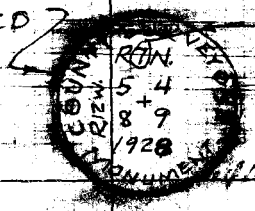
76F3095 CE #247—3-57

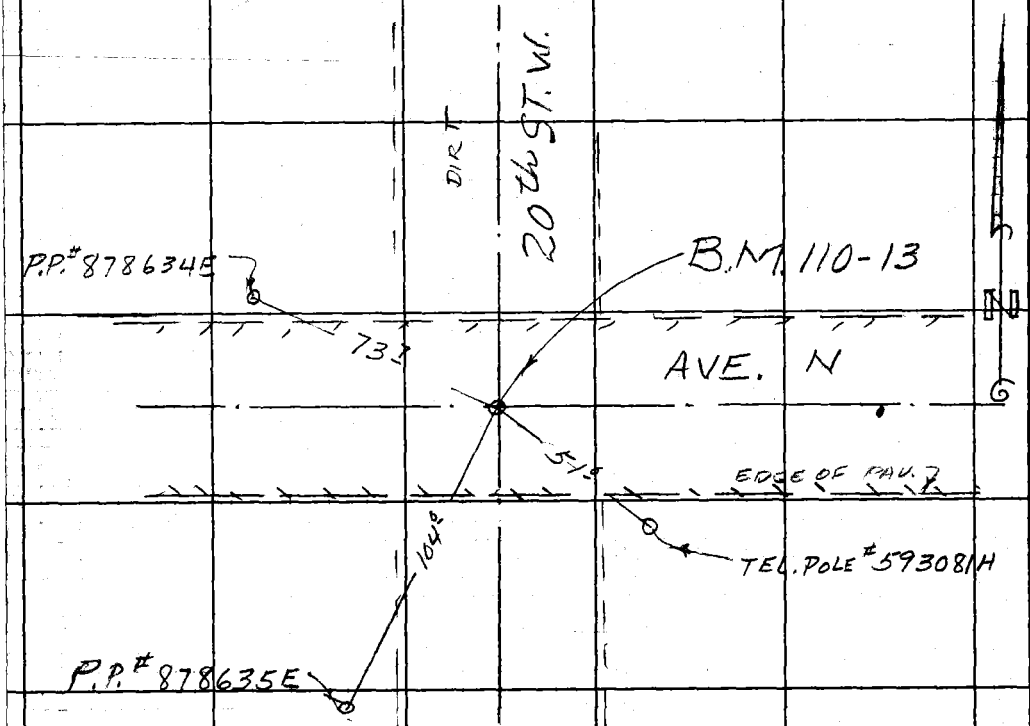
F. B. 2425 Pg. 18

B.M. 110-13

N. W. OF PALMDALE AT 20th ST. W. AND AVE. N, & INTERSECTION, A STD. PRECAST MONUMENT STAMPED (SHOULD BE T.6M.)



17 INCHES BELOW THE SURFACE UNDER CAST IRON COVER.



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Map No.
Office Work
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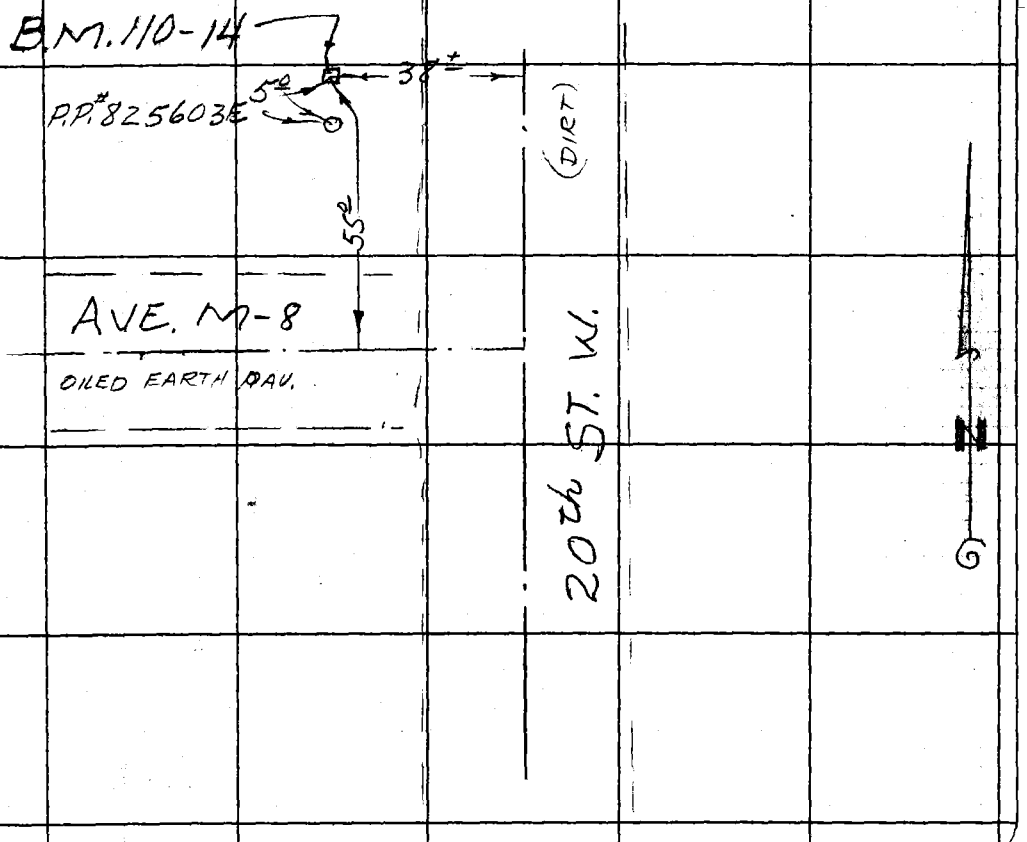
Date

Survey of A CO. PRECISE LEVEL NET
JN 0301.02 Tape Std °F
Surveyed by G. E. DREKER
Noted E. [redacted] Date 12-2-58
Indexed J. C. Johnson

F. B. 2455 Pg. 19

B.M. 110-14

N.W. OF PALMDALE, AT 20th ST. W. AND AVE. M-8, 38± FT. W., AND 55 FT. N. OF CENTER OF INTERSECTION, 5 FT. N. OF POWER POLE NO. 825603E, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 110-14 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST 4 INCHES ABOVE GROUND.



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76F209S CE #247 3-57

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather WINDY, SCATTERED CLOUDS Inst. No NK 142552
Notes by G. E. DREIER Time 11:00 TO 11:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 18-2 To B.M. 110-1
Date 11-25-58
Indexed L. O. Job 11-23-58

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.343		452			4.939		466		B.M. 18-2 (E-51, 1933)
	1.891		452			4.479		459		SIERRA HWY & PALMDALE AVE.
	1.439		904			4.020		919		SEE F.B. FOR DESC.
1	5.673	1.891		.904		13.438	4.479		919	
	6.450		342			5.226		337		⊼ A.C. GUIZADO +7.9[illegible]
	6.108		342			4.889		337		- 9.3[illegible]
	5.764		686			4.552		674		- 3.[illegible]
2	18.322	6.107		1.590		14.667	4.889		1.593	
		7.998					9.368			B.M. 101-94 (U.S. × 8" 1947)
									.06 Mi	S.P.R.R. & PALMDALE AVE.
										SEE F.B. 2410-31 FOR DESC.
	7.482		699			4.642		774		
	6.783		700			3.868		774		
	6.083		1399			3.094		1.548		
3	20.348	6.783		2.989		11.604	3.868		3.141	
	6.969		677			4.770		627		
	6.292		675			4.143		624		
	5.617		1.352			3.519		1.251		
4	18.878	6.293		4.341		12.432	4.144		4.392	
	13.076					8.012				

F.B. 2425 P.G. 29

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SCAT. CLOUDS Inst. No. NK142552
Notes by G.E.DREIER Time 11:00 TO 11:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL 'NET
Job No. 0301.02
From B.M. 18-2 To B.M. 110-1
Date 11-25-58
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6,439	13.076	656	4341		4.867	8012	654	4392	
	5,783		654			4,213		653		
	5,129		1,310			3.560		1.307		
5	17.351	5,784		5.651		12.640	4.213		5.699	
	5.486		661			5,017		667		
	4,825		662			4,350		668		
	4,163		1.323			3 682		1.335		
6	14.474	4.825		6974		13.049	4,350		7.034	
	6,678		661			4.419		662		
	6,017		661			3.757		664		
	5.356		1,322			3093		1326		
7	18.051	6.017		8,296		11.269	3.756		8.360	
	7,012		676			4.727		681		
	6.336		677			4.046		680		
	5.659		1.353			3366		1361		
8	19.007	6336		9.649		12139	4046		9721	
	6662		679			4,890		668		
	5.983		678			4.222		667		
	5.305		1357	1		3.555		1335		
9	17950	5.983		11.006		12.667	4.222		11.056	
		42.021					28.599			

F.B. 2425 P.G. 30

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SCAT. CLOUDS Inst. No. Nr 142552
Notes by G.E. DREIER Time 11:00 TO 11:30 Rod No. 15 & 16

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 18-2 To B.M. 110-1
Date 11-25-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4651	42.021	246	11.006		5420	28.599	223	11.056	B.M. 110-1
	4.405		246			5197		225		PALMDALE AVE. E. OF 3RD. ST. EAST
	4159		492			4972		448		SEE F.B. 2425 FOR DESC.
10	13.215	4.405	4	11.598		15.589	5.196		11.504	
									11.498	+46.426
									23.002	.011 −23.795
									= 0.44 MI	+2.631

SUMMATION OF RUN

DIFF. IN ELEV. B.M 18-2 TO B.M. 101-94 −1.370
" " " B.M 101-94 TO B.M. 110-1 +12.631

46.426 33.795

F.B. 2425 P.G. 31

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Scat. Clouds Windy Inst. No. Nr 142552
Notes by T. OHASHI Time 1:25 TO 1:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-1 To B.M. 18-2
Date 11-25-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
S341	5534		239		#15	4757		234		B.M 110-1
	5295		242			4503		232		PALMDALE BLVD. E. OF 3RD ST EAST
	5053		481	1		4271		466		SEE F.B. 2425 FOR DESC.
1	18882	5.294		481		13511	4.504		466	
	4698		666			6076		684		⊼ A.C. GUIZADO
	4032		663			5790		651		
	3369		1329			5109		1365		
2	12099	4.035		1810		17373	5.791		1831	
	4883		677			7174		676		
	4206		677			6498		679		
	3629		1354			5819		1355		
3	12618	4.206		3164		19491	6.497		3186	
	4520		660			6779		660		
	3860		662			6119		661		
	3198		1322			5458		1321		
4	11578	3.859		4486		18356	6.119		4507	
	5159		668			5626		658		
	4491		670			4968		657		
	3821		1338	1		4311		1315		
5	13471	4.490		5824		14905	4.968		5822	
	21.882					27879				

F.B. 2425 P.G. 32

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Scat. Clouds Windy Inst. No. Nr 142552
Notes by T. OHASHI Time 1:25 TO 1:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M 110-1 To B.M 18-2
Date 11-25-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5058	21.882	653	5824		6633	27.879	658	5822	
	4405		652			5975		657		
	3753		1305			5318		1315		
6.	13216	4.405		7129		17926	5.975		7137	
	4648		650			6799		652		+34.[illegible]
	3998		648			6146		649		-47.024
	3350		1298			5497		1302		-12.63[illegible]
7.	11996	3.999		8427		18442	6.147		8449	
	4861		754			7745		722		
	4107		755			7023		723		
	3352		1509			6300		1445		
8.	12320	4.107		9736		21.068	7.023		9884	
		34.393					47.024			B.M. 101-94 (US X-[illegible] 1947) S.P.R.R. & PALMDALE AVE. SEE F.B. 2425- FOR DE[illegible]
	5256		366			6419		310		
	4890		362			6109		310		
	4528		728			5799		620		
9.	14674	4.891		10464		18327	6.109		10.504	
		4.891					6.109			

F.B. 2425 P.G. 33

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCAT. CLOUDS: WINDY Inst. No. Nr 142552
Notes by T. OHASHI Time 1.25 TO 1.55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 110-1 To B.M. 18-2
Date 11-25-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5148	4.891	469	10.464		2535	6.1091	444	10.514	B.M. 18-2 (U.S. E-57, 1926)
	4679		469			2091		441		PALMDALE AVE. & SIERRA HWY
	4210		938			1680		885		SEE F.B. FOR DESC.
10.	14.037	4.679		11.402		6.276	2.092		11.379	
										+9.570
										-8201
					SUMMATION OF RUN					+1.369
		DIFF. IN ELEV.			B.M. 110-1		TO	B.M. 101-94		-12.631
		" " "			BM 101-94		TO	B.M. 18-2		+1.369
		9.570					8.201			

F.B. 2425 P.G. 34

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Cloudy Inst. No. NR 142552
Notes by A. C. Gutierrez Time 11:35 to 12:30 Rod No. 19516

Name L. A. CO PRECISE LEVEL NET
Job No. 030/62
From BM 110-1 To BM [illegible]
Date 11-25-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6570		648		K 75	4529		652		BM 110-1
	5922		649			3872		650		PALMDALE BLVD & 47th ST E
	5273		1297	/		3222		1302		See FB 2425-7 for [illegible]
1	17765	5.922		1297	T 66	11618	3.873		1302	
	7098		647			4899		651		
	6451		645			4248		651		A [illegible]
	5806		1292			3597		1302		
2	19355	6.452		2589		12749	4.248		2604	
	6[illegible]		651			4[illegible]		651		
	6002		653			3632		650		
	5254		1304			3182		1301		
3	18079	6006		2193		11497	3.832		3905	
	6[illegible]		645			4470		651		
	5986		646			3819		651		
	5340		1291			3168		1302		
4	17951	5986		5134		11457	3.819		5207	
	6998		645			3024		663		
	6353		645			2361		663		
	5708		1290			1698		1326		
5	19059	6353		6474		7083	2.361		6533	
	30719					18133				

F.B. 2425 PG 35

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Windy - Clouds Inst. No. NC142552
Notes by A. C. GUIZADO Time 11:35 to 12:00 Rod No. 15816

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM110-1 To BM110-2
Date 11-25-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7059	30719	683	6474	# 15	4961	18133	681	6533	
	6376		684			4280		681		
	5692		1367			3599		1362		
6	19127	6.376		7841	T=70	12840	4.280		7895	
	4897		715			8540		663		
	4182		714			7877		663		BM110-2
	3468		1429			7214		1326		PALMDALE BLVD & DIVISION ST
7	12547	4182		9270		23631	7.877		9221	SEE FB2425-8 FOR DESC
									9270	
									18.49 pl.	
									0.35 MI	
										SUMMATION OF RUN
										BM110-1 to BM110-2
										TOTAL BACKSIGHTS + 41.277
										TOTAL FORESIGHTS − 30290
										DIFF IN ELEVATION + 10.987
		41.277					30290			

F.B. 2425 P.G. 36

76P526 S & E #379 1-54*

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather windy - clear Inst. No. NI 14252
Notes by A C GUZMAN Time 1:10 to 1:25 Rod No. 15816

Name L. A. CO. PUBLIC ROADS
Job No. 0301-02
From BM 112-2 To BM 110-1
Date 11-25-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8465		664		#15	4819		712		BM 110-2
	7801		664			4107		715		PALMDALE BLVD [illegible]
	7137		1328			3392		1427		SEE FB 2425-8 FOR DETS
1	23403	7801		1328	T 70	12318	4106		1427	
	5507		673			7607		677		
	4834		672			6930		677		
	4162		1345			6253		1354		
2	14503	4834		2673		20790	6930		2781	
	2609		633			6641		670		
	1976		631			5971		669		
	1345		1264			5302		1339		
3	5930	1977		3937		17914	5971		4120	
	4453		681			6553		615		
	3772		682			5938		617		
	3090		1363			5321		1232		
4	11315	3772		5300		17812	5937		5352	
	4443		651			6617		650		
	3792		649			5967		650		
	2143		1300			5317		1300		
5	11378	3793		6600		17901	5967		6652	
	22177					28911				

F.B. 2425 P.G. 37

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Windy - clouds Inst. No. NI 142552
Notes by A C Guizado Time 1:10 to 1:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 110-2 To BM 110-1
Date 11-25-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4869	22177	648	6600		7075	28911	651	6652	
	4221		648			6424		651		
	3573		1296			5773		1302		
6	12663	4221		7896		19272	6424		7954	
	4497		666			6518		636		
	3831		663			5882		636		BM 110-1
	3168		1329			5246		1272		Palmdale Blvd & E of 3rd St E
7	11496	3832		9225		17646	5882		9226	See FB 2425-7 for desc
									9225	
									18.451	
									.35 Mi	Summation of Run
										BM 110-2 to BM 110-1
										Total Backsights +30.230
										Total Foresights -41.217
										Diff in Elevation -10.987
		30230					41217			

F.B. 2425 P.G. 38

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SCAT. CLOUDS Inst. No NG142552
Notes by G E DREIER Time 1:10 TO 1:45 Rod No 15 & 16

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-2 To B.M. 110-3
Date 11-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6587		652			4427		656		B.M. 110-2
	5.935		680			3.771		652		PALMDALE BLVD & [illegible]
	5.285		1.302	1		3.119		1308		SEE FB 2425-8
1	17,807	5.936		1.302		11.317	3.772		1.308	
	7492		664			6.179		658		TO A.C. [illegible]
	6.828		667			5,521		659		
	6.161		1331			4.862		1.317		
2	20,481	6.827		2,633		16,562	5521		2,625	
	4008		650			5204		661		
	3.358		649			4.543		660		
	2709		1299			3.883		1.321		
3	10,075	3.356		3.932		13630	4.543		3.946	
	8252		654			2875		652		
	7.598		656			2.223		652		
	6942		1,310			1,571		1,304		
4	22,792	7.597		5242		6,669	2.223		5,250	
	6.693		653			6964		655		
	6.040		652			6.309		656		
	5.388		1305			5653		1.311		
5	18121	6.040		6.547		18926	6.309		6.561	
	29.758					22.361				

F.B. 2425 P.G. 39

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCAT. CLOUDS Inst. No Nr. 142552
Notes by G. E. DREIER Time 1:10 TO 1:45 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 110-2 To B.M. 110-3
Date 11-24-58 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2589	29.758	664	6.547	15	8,829	22368	654	6.561	
	1.925		667			8,175		652		
	1.258		1.331			7.523		1306		
6	5.772	1.924		7.878	T=70	24.527	8,176		7.867	
	3862		657			5281		660		
	3.205		657			4621		659		
	2.548		1.314			3.962		1319		
7	9.615	3.205		9.192		13864	4.621		9.186	
	6608		655			7,558		651		
	5.953		652			6.907		654		
	5.301		1.307			6,253		1305		
8	17.862	5.954		10499		20.718	6.906		10491	
	4.902		653			4642		652		
	4.249		656			3.990		650		
	3.593		1.309			3.340		1302		
9	12.744	4.248		11.808		11.972	3.991		11.793	
	6,452		651			4170		660		
	5,801		651			3.510		660		
	5,150		1.302			2,850		1320		
10	17.403	5.801		13.110		10530	3.510		13113	
	50890					49572				

F.B. 2425 P.G. 40

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Scat. Clouds Inst. No. Nr 142552
Notes by G.E. DREIER Time 1:10 TO 1:45 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-2 To B.M. 110-3
Date 11-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.838	50.990	661	13.110	#15	5147	49.572	656	13.113	
	5.177		661			4.491		652		
	4.516		1322			3.839		1.308		
11	15.531	5.177		14432	70	13.477	4.492		14421	
	5389		386			6.361		387		BM 110-3
	5.003		385			5.974		386		PALMDALE BLVD, BETWEEN [illegible]
	4.618		771			5.588		773		SEE F.B. 2425-9 FOR DE[illegible]
12	15.010	5.003		15.203		17923	5974		15.194	
									15.203	
									30.397	
									0.56 8	
										[illegible]
										[illegible] 110-2 [illegible]
										[illegible] +61 [illegible]
										[illegible]
										[illegible] ELEVATION [illegible]
	61070					60038				

F.B. 2425 P.G. 41

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCAT. CLOUDS Inst. No. Nr 142 ... 2
Notes by G.E. DREIER Time 2:40 TO 5:05 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-3 To B.M. 110-2
Date 11-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.460		382		#15	5.495		388		BM 110-3
	6.078		386			5.107		389 91		PALMDALE BLVD, BETWEEN DIV. ST. & 10th STW.
	5.692		768			4.716		777		SEE FB 2425-9 FOR DESC.
1	18.230	6077		768	68°	15.318	5106	9	9 .77	
	5368		651			6.062		663		
	4.717		651			5.399		662		A. C. GUIZADO
	4.066		1.302			4.737		1.325		
2	14151	4717		2.070		16.198	5.399		4 2.10	
	4.041		658			6.327		655		
	3.383		656			5.672		651		
	2.727		1.314			5.021		1.306		
3	10151	3384		3.384		17.020	5.673		10 3.40	
	4718		649			4982		657		
	4.069		648			4.325		656		
	3.421		1.297			3.669		1.313		
4	12208	4069		4.681		12976	4325		3 4.72	
	7608		655			6653		651		
	6.953		652			6.002		651		
	6.301		1.307			5.351		1302		
5	20862	6954		5988		18006	6002		5 6.02	
		25201					26505			

F.B. 2425 P.G. 42

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SCAT. CLOUDS WIND Inst. No. Nr. 142552
Notes by A. C. GUIZADO Time 2:40 TO 305 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-3 To B.M. 110 2
Date 11-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.282	25.201	655	5.988	#15	3.870	26.505	659	6.025	
	4.627		657			3.211		661		
	3.970		1.312			2.550		1.320		
6	13.879	4.626		7.300	T=m	9.631	3.210		7.345	
	8.838		653			2.600		668		
	8.185		652			1.932		664		
	7.533		1.305			1.268		1.332		
7	24.556	8.185		8.605		5.800	1.933		8.675	
	6.951		654			6.681		653		
	6.297		657			6.028		655		
	5.640		1.311			5.373		1.308		
8	18.888	6.296		9.916		18.082	6.027		9.985	
	2.751		649			8.139		660		
	2.102		645			7.479		660		
	1.457		1.294			6.819		1.320		
9	6.310	2.103		11.210		22.437	7.479		11.305	
	5.118		661			3.919		650		
	4.457		659			3.269		651		
	3.798		1.320			2.618		1.301		
10	13.373	4.458		12.530		9.806	3.269		12.604	
		50.869					48.423			

F.B. [illegible] P.G. 43

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SCAT. CLOUDS Inst. No Nr. 142552
Notes by G. E. DREIER Time 2:40 TO 3:05 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-3 To B.M. 110-2
Date 11-24-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.298	5.619	679	12.530		7.570	6.923	645	12.604	
	5.619		678			6.925		646		
	4.941		1.357			6.279		1.291		
11	16.858	5.619		13.887	68	20.774	6.925		13.896	
	4.108		652			6.272		658		
	3.456		652			5.618		655		B.M. 110-2
	2.804		1304			4.963		1.309		FREMONT BLVD & DIVISION ST
12	10.368	3.456		15.191		16.853	5.618		15.204	SEE FB 2425-8 FOR DESC
										SUMMATION OF RUN
										BM 110-3 to BM 110-2
										TOTAL BACKSIGHTS + 59.944
										TOTAL FORESIGHTS - 60.966
										DIFF ELEVATION - 1.022

F.B. 2425 P.G. 44

59.944 60.966

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Sant Claus Inst. No NC 142552
Notes by A. C. Gamaro Time 1:45 to 2:10 Rod No 15 & 16

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.62
From B.M. 110-3 To BM 110-5
Date 11-26-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6762 6308 5655 18725	6308	654 653 1307	1307	#15 T 70°	5293 4638 3983 13914	4638	655 655 1310	1310	BM 110-3 THIRTY MIDDLE BLVD, BETWEEN D ST. AND 10th ST W. SEE FB 2425-9 FOR DET.
2	5593 4961 4270 14824	4941	652 651 1303	2610		6560 5907 5254 17721	5907	653 653 1306	2616	# G.E. DREIER
3	5499 4840 4179 14518	4839	659 661 1320	3930		5634 4987 4337 14958	4986	647 650 1297	3913	
4	6140 5486 4833 16459	5486	654 653 1307	5237		5781 5133 4487 15401	5134	648 646 1294	5207	
5	5657 4998 4358 14994	4998	659 640 1299	6517		5757 5097 4438 15292	5097	660 659 1319	6526	F.B. 2425 P.G. 45
	26572					25762				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Scat. clouds Inst. No. Nr 142552
Notes by A. C. GUIZADO Time 1:45 to 2:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 110-3 To BM 110-5
Date 11-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6290	26.572	649	6517	#15	5817	5762	658	6526	
	5641		649			5159		656		
	4992		1298			4503		1314		
6	16923	5641		7815	#70	15479	5160		7840	
	4497		655			5412		649		
	3842		652			4763		646		
	3190		1307			4117		1295		
7	11529	3843		9122		14292	4764		9135	
	5410		651			6042		652		
	4759		651			5390		651		
	4108		1302			4739		1303		
8	14277	4759		10424		16171	5390		10438	
	4918		646			5534		653		+ 50.788
	4272		644			4881		653		− 49.658
	3628		1290			4228		1306		DIFF + 1.130
9	12818	4273		11.714		14643	4881		11744	
	6193		493			4199		498		BM 110-4 (LS 66 1929)
	5700		492			3701		499		PALMDALE BLVD. & AVE Q.
	5208		985			3202		997		SEE FB 2425-10 FOR DESC
10	17101	5700		12699		11102	3701		12741	
		50788					49658		12699	
									25440 = 0.48 MI (612)	

F.B. 2425 P.G. 46

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Cool clouds Inst. No. Nr 142552
Notes by A C Gunaco Time 1:45 to 2:10 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 110-3 To [illegible]
Date 11-24-5
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				12699	#15				12741	
					F70					
	8500		656			1833		671		
	7852		653			1162		672		
	7199		1309			0490		1343		
11	23559	7853		14008		3485	1162		14084	
	10379		708			6379		[illegible]		BM 110-5
	9671		708			5688		690		Ave Q & 10th St. W.
	8963		1416			4992		1391		See FB 2425-10 For Desc
12	29013	9671		15424		17065	5688	8	15475 6	
									15424	
									8	
									.59M1	+ 15424
										− 4850
										DIFF + 10.674
						SUMMATION OF RUN				
						BM 110-3 to BM 110-4 DIFF				+ 1.130
						BM 110-4 to BM 110-5 "				+ 10.674
		17524					6850			

F.B. 2425 P.G. 47

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Scat. Clouds Inst. No. Nx 142552
Notes by A. C. GUIZADO Time 2:10 to 2:40 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 110-5 To BM 110-3
Date 11-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6386		694		#15	10381		709		BM 110-5
	5692		694			9672		708		AVE Q & 10th St W
	4998		1388			8964		1417		SEE FB 2425-10 FOR DESC.
1	17076	5692		1388	F70	29017	9672		1417	
	1836		658			8532		664		+ 6.870
	1178		659			7868		666		− 17.539
	0519		1317			7202		1330		DIFF − 10.669
2	3533	1178		2705		23602	7867		2747	
		6870					17539			BM 110-4 (L.S 66 1929)
										PALMDALE BLVD. & AVE. Q.
										SEE FB 2425-10 FOR DESC
	3867		490			5862		488		
	3377		493			5374		485		
	2884		983			4889		973		↑ G.E. DREIER
3	10128	3376		3688		16125	5375		3720	
	5531		651			4922		649		
	4880		651			4273		651		
	4229		1302			3622		1300		
4	14640	4880		4990		12817	4272		5020	
		8256					9647			

F.B. 2425 P.G. 48

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather cat Clouds Inst. No. NE142552
Notes by A. C. GUIZADO Time 2:10 to 2:40 Rod No. 15E16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0[illegible]
From [illegible]-5 To [illegible]-3
Date 11-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6139	8256	655	4990	75	5507	9647	654	5020	
	5484		653			4853		[illegible]		
	4831		1308			4200		1307		
5	16454	5485		6298	70	14560	4853		6327	
	5461		650			4542		652		
	4811		650			3890		652		
	4161		1300			3238		1304		
6	14433	4811		7598		11670	3890		7631	
	5249		667			6203		639		
	5082		665			5564		642		
	4417		1332			4922		1281		
7	14248	5083		8930		16689	5563		8912	
	5617		652			5518		650		
	4965		653			4868		651		
	4312		1305			4217		1301		
8	14894	4965		10235		14603	4868		10213	
	5717		653			6068		651		
	5064		652			5417		651		
	4412		1305			4766		1302		
9	15193	5064		11540		16251	5417		11515	
		33664					34238			

F.B. 2425 P.G. 49

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Scat. Clouds Inst. No. Nr 142552
Notes by A. C. GUIZADO Time 2:10 to 2:40 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 110-5 To BM 110-3
Date 11-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5458	33664	652	11540	#15	5317	34238	658	11515	
	4806		654			4659		659		
	4152		1306			4000		1317		
10	14416	4805		12846	T=70	13976	4659		12832	
	6450		654			5479		648		
	5796		655			4831		651		
	5141		1309			4180		1299		
11	17387	5796		14155		14490	4830		14131	
	5403		644			7089		661		BM 110-3
	4759		647			6428		660		PALMDALE BLVD, BETWEEN DIV. ST. & 10th ST. W.
	4112		1291			5768		1321		SEE FB 2425-9 FOR DESC.
12	14274	4758		15446		19285	6428		15452	
										+ 49.023
										- 50.155
										DIFF - 1.132
						summation of run				
						BM 110-5 to BM 110-4				DIFF = -10.669
						BM 110-4 to BM 110-3				" = -1.132
		49023					50155			

F.B. 2425 P.G. 50

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCAT. CLOUDS Inst. No HK 142552
Notes by G. E. DREIER Time 10:00 TO 10:10 Rod No 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No 0.301.62
From B.M. 110 - 4 To B.M. 110 - 5
Date 11 - 26 - 58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8401		663		#15	1,704		660		B.M. 110 - 4 (L.S. 66 - 7.9)
	7.738		663			1,044		658		AVE. Q, E. OF 10TH ST. W.
	7.075		1.326			0.386		1.318		SEE F.B. 2425 - 0 FOR DESC.
1	23.214	7.738		1.326	66°	3.134	1.045		1,318	
	10.105		703			6125		704		+ 17.1
	9.402		699			5.421		702		- 6.4
	8.703		1.402			4.719		1406		
2	28.210	9.403		2.728		16.265	5.422		2.724	DIFF 110-4 TO 110-5 + 10.67
		17.141					6.467			
										B.M. 110 - 5
										AVE Q E 10TH ST. W.
										SEE F.B. 2425 - 0 FOR DESC.
					TIME	2:00 TO 2:10				
	6171		701		#15	10.156		705		
	5.470		700		WINDY	9.451		702		
	4.770		1.401			8.749		1407		
1	16.411	5.470		1.401	64°	28.356	9.452		1.407	
	1.685		667			8.365		655		+ 6.438
	1.018		668			7.710		658		- 7.3
	0.350		1.335			7.052		1.313		DIFF 110-5 TO 110-4 - 5.073
2	3.053	1.018		2.736		23.127	7.709		2.720	B.M. 110-4
		6.488					17.161			

F.B. 2425 P.G. 61

76P526 5 & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name C. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 2425 P.G. 52

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCAT. CLOUDS Inst. No NK 142552
Notes by G. E. DREIER Time 10:10 TO 11:00 Rod No. 15 & 16

Name L. A. CO PRECISE LEVEL NET
Job No 030102
From B.M. 110-5 To B.M. 110-6
Date 11-26-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.029		650		#15	8.370		652		B.M. 110-5
	4.379		651			7.718		649		10th ST. W. & AVE Q
	3.728		1.301			7.069		1.301		SEE F.B. 2425-10
1	13.136	4.379		1.301	66°	23.157	7.719		1.301	
	4.278		649			7.551		651		↑ A. C. GUIZADO
	3.629		651			6.900		652		
	2.978		1.300			6.248		1.303		
2	10.885	3.628		2.601		20.699	6.900		2.604	
	4.299		651			3.511		656		
	3.648		655			2.855		655		
	2.993		1.306			2.200		1.311		
3	10.940	3.647		3.907		8.566	2.855		3915	
	7.418		653			4.123		651		
	6.765		654			3.472		652		
	6.111		1.307			2.820		1.303		
4	20.294	6.765		5.214		10.415	3.472		5.218	
	7.458		656			4.370		650		
	6.802		654			3.720		649		
	6.148		1.310			3.071		1.299		
5	20.408	6.803		6.524		11.161	3.720		6.518	
	25.222					24.666				

F.B. 2425 P.G. 53

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Chief of Party G. E. DREIER Weather SCAT. CLOUDS BREEZE Inst. No NK 142552
Notes by G. E. DREIER Time 10:10 TO 11.00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 110-5 To B.M. 110-6
Date 11-26-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.363	25.222	652	6.524		3 568	24.666	651	6.518	
	6.711		654			2.917		650		
	6.057		1.306			2.267		1.301		
6	20.131	6.710		7.830		8.752	2.917		7.818	
	6.188		313			1.512		299		+ 37.807
	5.875		312			1.213		295		- 28.797
	5.563		625			0.918		594		+ 9.010
7	17.626	5.875		8.455		3.643	1.214		8.41	.010
		37.807					28.797		8.455	T.B.M. 110A
									16.863	10th ST. W. & YUCCA TREE ST. N.W.COR.
									=0.32m.	B.SPK. 19.5 FT. N. OF S. END
	2.400		525			5.370		531		OF CONC. CURB ON W. SIDE
	1.875		525			4.839		531		OF CHURCH PARKING AREA
	1.350		1.050			4.308		1.062		
8	5.625	1.875		9.505		14.517	4.839		9.47	
F.B. 2425 P.G. 54	5.078		649			7.500		650		
	4.429		651			6.850		650		
	3.778		1.300			6.200		1.300		
9	13.285	4.428		10.805		20.550	6.850		10.77	
		6.303					11.689			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCAT. CLOUDS BREEZE Inst. No NK 142552
Notes by G. E. DREIER Time 10:10 TO 11:00 Rod No. 15 & 16

L. A. CO PRECISE LEVEL
Name
Job No. C301.02
From B.M. 110-5 To B.M. 110-6
Date 11-26-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.912	6.303	651	10.805		7.381	11.689	649	10.771	+12.8
	3.261		649			6.732		650		-25.429
	2.612		1300			6.082		1299		-2.63
10	9.785	3.262		12.105		20.195	6.732		12.071	
	4066		805			7818		800		
	3.261		804			7.018		800		B.M 110-6
	2.457		1609			6.218		1600		10th ST. W, S. OF BEECHDALE DR.
11	9.784	3.261		13.714		21.054	7.018		13.674	SEE T.B. 2425-11 FOR DET.
		12.826					25.439		13.714	
									27.388	
									=0.52 M.	

SUMMATION OF RUN

DIFF IN ELEV. B.M. 110-5 TO T.B.M. 110A +9.010
" " " T.B.M 110A TO B.M. 110-6 -12.663

F.B. 4225 P.G. 55

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY, THIN CLOUDS Inst. No NK.142552
Notes by G. E. DREIER Time 1:35 TO 2:60 Rod No. 15 & 16

Name I & CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-6 To B.M. 110-5
Date 11-26-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7.442 6.640 5840 19922	6.641	802 800 1,602	1,602		3.690 2.887 2.080 8,657	2.886	803 807 1610	1,610	BM. 110-6 10th ST. W., S. OF BEECHDALE DR. SEE F.B. 2425-11 FOR DESC
2	6.939 6.286 5632 18857	6.285	653 654 1,307	2,909		3.469 2.813 2.158 8,440	2.813	656 655 1.311	2.921	T A. C. CUIZADO
3	7.285 6.631 5977 19893	6.631	654 654 1308	4.217		4860 4.208 3.555 12.623	4.208	652 653 1,305	4226	
4	5335 4,810 4.282 14427	4.809	525 528 1053	5270		2372 1,845 1.317 5534	1,845	527 528 1,055	5,281	+24.366 -11.752 +12.614
	24.366					11.752				T.B.M. 110A 10th ST. W. & YUCCA TREE ST., N.W. COR., B.SPK. 19.5 FT. N. OF S. END OF CONC. CURB ON W. SIDE OF CHURCH PARKING AREA

F.B. 2425 P.G. 56

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather scat. clouds Inst. No. Nr 142552
Notes by A. C. GUIZADO Time 11:10 to 12:05 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 110-6 To BM 110-7
Date 11-26-51
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3846	30.024	653	10754	#15	7811	42810	65	10758	
	3193		652			7160		650		
	2541		1304			6510		1301		
10	9580	3193		12058	T 68	21481	7160		12059	
	5117		806			[illegible]				
	4381		803			7359		[illegible]		
	3508		1609			6540		[illegible]		
11	12936	4312		13667		22076	7359		13678	
									13667	BM110-7
									273.456	10th St W & [illegible] P
									0.52 mi	SEE FB2425-12 FOR DESC.
										+ 37.52[illegible]
										- 57.3[illegible]
										DIFF - 19.790
						SUMMATION OF RUNS				
						BM110-6 - TBM 110-B (Rd. Dept) DIFF = - 3.027				
						TBM 110-B (Rd. Dept) - BM 110-7 " = - 19.790				
		37.529					57.319			

F.B. 2425 P.G. 61

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Scat clouds Inst. No. Nr 142552
Notes by A. C. GUIZADO Time 11.35 to 12.05 Rod No. 15E16

Name L. A. CO PRECISE LEVEL NET
Job No. 0301 02
From BM 110-7 To BM 110-6
Date 11-26-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	8086 7278 6468 21832	7277	808 810 1618	1618	#15 T=68	[illegible] 4230 3427 12690	4230	[illegible] [illegible] 1606	1606	BM 110-7 10th St W & AVENUE P SEE FB 2425-12 FOR DESC
2	7835 7182 6531 21548	7183	653 651 1304	2 1922		3863 3213 2562 9638	3213	650 651 1301	2 1907	⊼ G.E. DREIER
3	5801 5152 4505 15458	5153	649 647 1296	4 3218		5963 5311 4659 15933	5311	652 652 1304	4 3211	
4	8081 7431 6781 22293	7431	650 650 1300	5 4518		2599 1947 1295 5841	1947	652 652 1304	5 4515	
5	8892 8241 7590 24723	8241	651 651 1302	6 5820		4011 3364 2717 11092	3364	647 647 1294	6 5809	
		35285					18065			

F.B. 2425 P.G. 62

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear, Cool Inst. No. N.C. 142552
Notes by A. C. Guizzardo Time 11:35 to 12:35 Rod No. 15E16

Name L. A. CO PRECISE LEVEL NET
Job No. 230102
From BM 110-2 To BM 110-2
Date 11-26-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6820 3528 51			5820	#15	5557	18065	648	6 1801	
	6002		651 6			4909		646		
	5221		1302	8 7122	T 68°	4260		1297	8 7106	
6	18006	6002				14726	4909			
	5821		653			5759		647		
	5328		651			5112		645		
	4537		1304	9		4467		1292	9	
7	15686	5229		8426		15338	5113		8398	
	4953		641			7246		659		
	4312		641			6587		660		
	3671		1282	10		6277		1319	10	
8	12936	4312		7706		20510	6837		7717	
	7536		529			7188		662		
	7007		567			6521		662		
	6011		1133	11		5842			11	
9	21023	7008		8641		19551	6521		8641	
										T.B.M. 110-2 (LA Co RD) E of Bell Crk at SW & Beverly Blvd. SW Cor Let & Brass Tag in Curb 2' W of W. Edge Curb & Retain

F.B. 2425 P.G. 63

57836 / 38045 /

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Sunny, cloudy Inst. No. NI 142552
Notes by A. C. Gallman Time 11:35 to 12:15 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0260102
From BM 110-7 To BM 110-6
Date 11-26-58 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5260		262	841	#15	5033		266	841	
	4998		261	11		4767		269	11	
	4737	1	523	17		4496		535	17	
10	14995	4998		1364	T=68	14298	4766		1376	
	7258		670			4451		658		+ 11.586
	6588		650			3793		652		- 8.560
	5938			13					13	DIFF = + 3.026
11	19760	6588	1300	1360		11381	3794		2690	
										BM 110-6
										10th St W So of BEECHDALE DR
										SEE FB 2425-11 FOR DESC
						SUMMATION OF RUN				
						BM 110-7 to TBM 110-B (Rd. Dead)				DIFF = + 19.791
						TBM 110-B (Rd. Dead) to BM 110-6				+ 3.026
		11.586					8.560			

F.B. 2425 P.G. 64

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN-CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 9:20 TO 9:40 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-7 To B.M. 110-8
Date 12-1-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1.	6811 5860 5208 17.579	5.860	651 652 1303	1303	#15	6619 5965 5312 17.196	5965	654 653 1307	1307	BM 110-7 10TH ST. W. & AVE. P SEE F.B. 2425 FOR [illegible]
2.	[illegible] 4579 3878 13.585	4.528	649 651 1300	2603		6307 5651 4997 16.955	5.652	656 654 1310	2617	⊼ A.C. GUIZADO
3.	5048 4393 3741 13.182	4.394	655 652 1307	3910		5827 5172 6521 [illegible]	5.173	655 651 1306	3923	
4.	4632 3978 3322 11.932	3.977	654 656 310	5220		6090 5437 [illegible] 16.311	5437	653 653 1306	5230	
5	5022 4370 3718 13.110	4.370	652 652 1304	6524		6591 5940 5290 17.821	5940	651 650 1301	6530	
		23.129					28.167			

F.B. [illegible] P.G. 65

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN - CLEAR Inst. No. K-142552
Notes by T. OHASHI Time 9:20 TO 9:40 Rod No. 5216

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 110-7 To B.M. 110-8
Date 12-1-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4779	23.129	151	652		6230	28167	150	2830	
	4128		154			5580		150		
	3474		1305			4930		1300		
6.	12381	4.127		78 29		16740	5.580		2830	
	0608		154			6277		154		
	3953		153			5973		151		
	3306		1308	7		5322		1305		
7.	11861	3.954		5138		17922	5.974		9135	SUMMATION OF RUN
	4602		642			6290		652		B.M. 110-7 TO B.M. 110-8
	3950		150			5638		652		TOTAL BACKSIGHT + 42.849
	3306		1302	39		4986		1304		TOTAL FORESIGHT - 58.901
8.	11852	3.951		10440		16914	5.638		10439	DIFF. IN ELEV. - 16.052
	9819		649			6669		656		
	4170		651			6013		654		
	3519		1300	39		5349		1310		
9.	12508	4.169		11744		18041	6.014		11449	
F.B. 2425 PG. 66	4418		900			8426		898		B.M. 110-8
	3518		896			7528		891		10TH ST W. & AVE. "O"-8
	2622		1796	5		6630		1789		SEE F.B. 2425 FOR DESC.
10	10548	3.519		13535		22584	7.528		13545	
		42.849					58.901		13545 10	
									27585 10	
									05191 (20)	

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Sun - Clear Inst. No. N-102552
Notes by T. OHASHI Time 10:45 to 11:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 110-8 To B.M. 110-1
Date 12-1-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8601		899			4593		899		B.M. 110-8
	7702		896			3697		899		10TH ST. W. & AVE O-8
	6806		1795			2798		1795		SEE F.B. 2425- FOR DESC
1	23.109	7.703		1795		11.088	3.696		1795	
	6728		650			4883		652		⊼ A.C. GUIRADO
	6078		651			4231		652		
	5427		1301			3579		1304		
2	18.233	6.078		3096		12.693	4.231		3099	
	6321		650			4635		653		
	5671		650			3982		652		
	5021		1300			3330		1305		
3	17.013	5.671		4396		11.947	3.982		4.404	
	6640		652			4621		653		
	5988		650			3968		656		
	5338		1302			3312		1309		
4	17.966	5.989		5698		11.901	3.967		5.713	
	6240		651			4788		655		
	5589		650			4133		651		
	4939		1301			3482		1306		
5	16.768	5.589		6.999		12.403	4.134		7.019	
		31.030					20.010			

F.B. 2425 P.G. 67

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Chief of Party G. E. DREIER Weather SUN-CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 10:45 To 11:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-8 To B.M. 110-7
Date 12-1-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6692	31.030	651	6.999		5124	20.010	653	7.019	
	6041		651			4471		652		
	5390		1302			3819		1305		
6	18.123	6041		8.301		13.414	4.471		8.324	
	6208		653			4751		654		
	5555		653			4097		654		
	4902		1306			3443		1308		
7.	16.665	5.555		9.607		12.291	4.097		9.632	SUMMATION OF RUN
	5947		659			5152		645		B.M. 110-8 To B.M. 110-7
	5288		657			4507		648		TOTAL BACKSIGHT + 59.350
	4631		1316			3859		1293		TOTAL FORESIGHT - 43.289
8.	15866	5.289		10.923		13.518	4.506		10.925	DIFF. IN ELEV. + 16.061
	6249		657			5119		650		
	5592		654			4469		651		
	4938		1311			3818		1301		
9.	16.779	5.593		12.234		13.406	4.469		12.226	
	6492		650			6389		653		B.M. 110-7
	5842		650			5736		652		10TH ST. W. & AVE. "P"
	5192		1300			5084		1305		SEE F.B. 2425 FOR DESC.
10	17.526	5.842		13.534		17.209	5.736		13.531	
		59.350					43.289			

F.B. 2425 P.G. 68

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Chief of Party G. E. DREIER Weather SUN CLEAR Inst. No. NK 142552
Notes by A. C. GUZZARDO Time 9:40 to 10:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 110-8 To BM 110-9
Date 12-1-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5596 4923 4272 14791	4924	652 651 1303	1303	74/75 T 53°	6479 5828 5179 17486	5829	651 649 1300	1300	BM 110-9 10TH ST W & AVE O-8 CS: FE 2425-13 FeDisc
2	4471 3821 3171 11463	3821	650 650 1300	2604		7080 5455 17505	5835	1312		T OH-511
3	4827 11755 3523 12505	4175	652 652 1304	5908		6460 5929 5319 17710	5770	653 650 1303	3906	
4	4219 8507 2917 10703	3566	652 650 1302	5210		6121 5589 4932 16768	5589	652 650 1302	5210	
5	4957 5716 2792 11465	3788	652 650 1302	6511		6490 5836 5186 17514	5838	654 652 1304	6513	F.B. 2425 PG. 69
	20276					29061				

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Chief of Party G. E. DREIER Weather Sun Clear Inst. No. Nr 142552
Notes by A. C. GUIZADO Time 9:40 to 10:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 110-8 To BM 110-9
Date 12-1-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4567	20276	656	6511	#15	6462	29061	651	6513	
	3911		652			5811		651		
	3259		1308			5160		1302		
6	11737	3912		7819	F 50	17433	5811		7815	
	4548		652			6429		650		
	3896		652			5779		650		
	3244		1304			5129		1300		
7	11688	3896		9123		17337	5779		7115	Summation of Run
	4419		652			5451		651		BM 110-8 to BM 110-9
	3767		650			4800		650		TOTAL BACKSIGHTS +39,716
	3117		1302			4150		1301		TOTAL FORESIGHTS -58817
8	11303	3768		10425		14401	4800		10416	DIFF in ELEVATION -19.101
	5000		650			6791		648		
	4350		651			6143		646		
	3699		1301			5497		1294		
9	13049	4350		11726		18431	6144		11710	
	4414		899			8132		909		BM 110-9
	3515		901			7223		911		10th st W & AVE O
	2614		1800			6312		1820		SEE FB 2425-14 FOR DESC
10	10543	3514		13526		21667	7222		13530	
		39716					58817		13526	
									27056	

F.B. 2425 P.G. 70

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Chief of Party G. E. DREIER Weather Sun Clear Inst. No Nr 142552
Notes by A. C. Johnson Time 10:10 to 10:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0321 2
From BM 110-9 To BM 110-8
Date 12-1-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8070		909		#16	4352		899		BM 110-9
	7161		911			3453		901		10th St + W ¢ ... E)
	6250		1820			2552		1800		SEE FB 2425-14 FOR DE...
1	21481	7160		1820	T 50	10357	3452		1800	
	6779		650			5088		651		⊼ T ⊙ H.I.
	6229		649			1437		651		
	5580		1299			3786		1302		
2	18688	6229		3119		13311	4437		3102	
	5482		652			4459		650		
	4830		650			3707		652		
	4140		1302			3129		1302		
3	14452	4817		4421		11395	3798		4404	
	6469		651			4586		652		
	5818		650			3934		651		
	5168		651			3283		1303		
4	17455	5818		5722		11803	3934		5707	
	6312		651			4418		656		
	5661		650			3762		652		
	5011		1301			3110		1308		
5	16984	5661		7023		11890	3763		7015	
	29699					19384				

F.B. 2425 P.G. 71

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN CLEAR Inst. No. Nr 142552
Notes by A. C. GUIZADO Time 10:10 to 10:45 Rod No. 15E16

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM 110-9 To BM 110-8
Date 12-1-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6439	29699	656	7023	#15	4383	19384	651	7015	
	5783		652			3732		651		
	5131		1308		T= 52°	3081		1302		
6	17353	5784		8331		11196	3732		8317	
	6351		651			4329		651		
	5700		651			3678		652		
	5049		1302			3026		1303		
7	17100	5700		9633		11033	3678		9620	
	6690		652			4896		653		
	6038		651			4243		650		
	5387		1303			3593		1303		
8	18115	6038		10936		12732	4244		10923	SUMMATION OF RUN
	6619		652			4602		650		BM 110-9 to BM 110-8
	5967		650			3952		650		TOTAL BACKSIGHTS +59.195
	5317		1302			3302		1300		TOTAL FORESIGHTS −40.090
9	17903	5968		12238		11856	3952		12223	DIFF IN ELEVATION +19.105
	6657		651			5750		650		BM 110-8
	6006		651			5100		650		10th St W & AVE O-8
	5355		1302			4450		1300		SEE FB 2425-13 FOR DESC
10	18018	6006		13540		15300	5100		13523	
		59195					40090			

F.B. 2425 P.G. 72

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NR 142552
Notes by G. E. DREIER Time 9:10 TO 9.55 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 110-9 To B.M. 110-10
Date 12-3-58
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.770		637		#15	5.670		647		B.M. 110-9
	6.133		636			5.023		647		10th ST. W. & AVE. O
	5.497		1.273			4.376		1.294		SEE F.B. 2435-14 FOR DETAIL
1	18.400	6.133		1.273	66°	15.069	5.023		1.294	
	7.188		644			5.263		636		
	6.544		642			4.627		639		T. OHASHI
	5.902		1.286			3.988		1.275		
2	19.634	6.545		2.559		13.878	4.626		2.569	
	5.757		638			5.493		635		
	5.119		638			4.858		638		
	4.481		1.276			4.220		1.273		
3	15.357	5.119		3.835		14.571	4.857		3.842	
	5.948		651			4.986		651		
	5.297		650			4.335		651		
	4.647		1.301			3.684		1.302		
4	15.892	5.297		5.136		13.005	4.335		5.144	
	6.178		638			5.079		644		
	5.540		636			4.435		643		
	4.904		1.274			3.792		1.287		
5	16.622	5.541		6.410		13.306	4.435		6.431	
	28.635					23.276				

F.B. 2435 P.G. 73

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR - BREEZE Inst. No. NK 142552
Notes by G. E. DREIER Time 9:10 TO 9:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110 - 9 To B.M. 110 - 10
Date 12-3-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6,226	28.635	656	6.410		6,130	23.276	637	6.431	
	5,570		652			5,493		635		
	4.918		1.308			4.858		1.272		
6	16.714	5.571		7.718		16.481	5.494		7.703	
	5.730		630			5.703		636		
	5.100		631			5.067		637		
	4.469		1.261			4.430		1.273		
7	15.299	5.100		8.979		15.200	5.067		8.976	
	5.219		643			6.059		644		
	4.576		645			5.415		641		
	3.931		1.288			4.774		1.285		
8	13.726	4.575		10.267		16.248	5.416		10.261	
	5.599		644			5.490		637		
	4.955		643			4.853		636		
	4.312		1.287			4.217		1.273		
9	14.866	4.955		11.554		14.560	4.853		11.534	
	7.747		640			3.784		635		
	7.107		638			3.149		634		
	6.469		1.278			2.515		1.269		
10	21.323	7.108		12.832		9.448	3.149		12.803	
	55.944					47.255				

F.B. 2425 PG. 74

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NR142552
Notes by G. E. DREIER Time 9:10 TO 9:55 Rod No 15 & 16

Name L. A. CO. PRECISE LEVELING
Job No. 0301.02
From B.M. 110-9 To B.M. 110-10
Date 12-3-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.960	55.944	497	12.832		5.447	47.255	495	12.803	
	4.463		495			4.952		492		B.M. 110-10
	3.968		992			4.460		987		AVE. O & 15TH ST. W.
11	13.391	4.464		13.824		14.859	4.953		13.790	SEE F.B. 2425-15 FOR DES.
									13.824	
									27.614	
									-0.52m	
										SUMMATION OF DIFF
										B.M. 110-9 TO B.M. 110-10
										TOTAL BACKSIGHTS + 60.40
										TOTAL FORESIGHTS - 52.20
										DIFF IN ELEVATION + 8.[illegible]
	60.408					52.208				

F.B. [illegible] P.G. [illegible]

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLEAR Inst. No NK.142552
Notes by G.E. DREIER Time 9:55 TO 10:25 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M.110-10 To B.M 110-9
Date 12-3-58 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5416		487		#15	4.943		503		B.M. 110-10
	4.929		486			4,440		503		AVE. O & 15th ST. W,
	4443		973			3.937		1006		SEE F.B. 2425-15 FOR DESC.
1	14.788	4.929		973	66°	13,320	4,440		1.006	
	3,713		634			7.675		638		
	3.079		634			7,037		640		T. OHASHI
	2,445		1.268			6.397		1.278		
2	9.237	3.079		2,241		21,109	7,036		2.284	
	5,421		635			5 631		643		
	4,786		637			4,888		646		
	4,149		1.272			4,242		1.289		
3	14.356	4.785		3,513		14,661	4,887		3,573	
	6.200		641			5.359		642		
	5,559		642			4.717		644		
	4.917		1.283			4.073		1286		
4	16,676	5.559		4,796		14,149	4,716		4.859	
	5,868		639			5,893		631		
	5.229		638			5.262		631		
5	4,591		1.277			4.631		1262		
	15,688	5.229		6,073		15,786	5.262		6,121	
		23.581					26.341			

F.B. 2425 P.G. 76

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr. 142552
Notes by G.E. DREIER Time 9:55 TO 10:25 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 110-10 To B.M. 110-9
Date 12-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6,180	23.581	637	6.073		6,278	26.341	657	6.121	
	5,543		633			5,621		654		
	4.910		1.270			4.967		1.311		
6	16,633	5.544		7.343		16,866	5,622		7,432	
	5,119		643			6218		636		
	4,476		644			5,582		634		
	3832		1.287			4948		1.270		
7	13427	4,476		8630		16,748	5,583		8,702	
	5,149		650			6110		651		
	4,499		651			5,459		650		
	3.848		1.301			4809		1.301		
8	13,496	4,499		9.931		16,378	5.459		10,003	
	5600		636			5,864		637		
	4.964		635			5,227		638		
	4.329		1.271			4.589		1.275		
9	14,893	4.964		11,202		15,680	5,227		11,278	
	5,460		650			7,354		627		
	4,810		651			6,727		628		
	4,159		1.301			6.099		1.255		
10	14.429	4,810		12,503		20,180	6.727		12533	
		47,874					54.959			

F.B. ..... P.G. 77

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK 142552
Notes by G. E. DREIER Time 9:55 TO 10:25 Rod No 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No 4301.02
From B.M. 110-10 To B.M. 110-9
Date 12-3-58 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.612	47.874	658	12.503		6.694	54.959	631	12.533	
	4.954		655			6.063		632		B.M. 110-9
	4.299		1.313			5.431		1.263		10TH ST. W. & AVE. O
11	14.865	4.955		13.816		18.188	6.063		13.796	SEE F.B. 2425-14 FOR DESC.
										SUMMATION OF RUN
										B.M. 110-10 TO B.M. 110-9
										TOTAL BACKSIGHTS +52.829
										TOTAL FORESIGHTS -61.022
										DIFF IN ELEVATION -8.193
		52.829					61.022			

F.B. 2425 P.G. 78

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. Nr 142552
Notes by T. OHASHI Time 10:40 To 11:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102.
From B.M. 110-10 To B.M. 110-11
Date 12-3-56 O. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7021 6901 5779 19201	6.400	620 622 1242	1242	#15 71.5°F	4963 3741 3320 11824	3941	622 621 1243	1243	BM 110-10 AVE "O" & 15TH ST W. SEE F.B. 2425-15 FOR DESC.
2	7809 6962 6218 20989	6.863	647 644 1291	2533		4510 3863 3217 11590	3.863	647 646 1293	2536	BY G.E. DREIER
3	7002 6351 5699 19052	6351	651 652 1303	3.836		3983 3336 2689 10008	3336	647 647 1294	3830	
4	7788 7147 6506 21441	7.147	641 641 1282	5118		5459 4817 4174 14450	4.817	642 643 1285	5115	
5	6411 5768 5125 17304	5764	653 651 1304	6422		6804 6157 5511 18472	6.157	647 646 1293	6408	
		32.525					22.114			

F.B. [illegible] P.G. [illegible]

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. NA-142552
Notes by T. OHASHI Time 10:40 TO 11:30 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 110-10 To B.M. 110-11
Date 12-3-58
Indexed A. C. Johnson

F.B. 2425 P.G. 80

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5037	32.525	643	6422		6140	22.114	643	6408	
	4394		642			5497		641		
	3752		1285			4856		1284		
6	13.183	4394		7707		16.493	5.498		7692	
	6609		643			6109		648		
	5966		645			5461		649		
	5321		1298			4812		1297		
7	17.896	5.965		8995		16.382	5.461		8989	
	6091		643			5568		639		
	5448		643			4929		639		
	4805		1286			4290		1278		
8	16.344	5.448		10.281		14.787	4.929		10.267	
	5683		642			5167		639		
	5011		641			5128		637		
	4370		1283			4491		1276		
9	15.034	5.011		11.564		15.386	5.129		11.543	
	6588		647			5348		631		
	5941		645			4717		634		
	5296		1292			4083		1265		
10	17.825	5.942		12.856		14.148	4.716		12.808	
		59.285					47.847			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 1040 To 1130 Rod No. 15 E 16

Name L. A. CO. PRECISE LEVELING
Job No. 030102
From B.M. 110-10 To B.M. 110-11
Date 12-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6828 59.285		641	12.856		5741	47.847	650	12808	B.M. 110-11
	6187		640			5091		649		AVE "O" & 20TH ST. W.
	5507		1281			4442		1299		SEE F.B. 2025-16 - FOR DES.
11.	18562 6187			10.137		15274 5.091			14107	
									4.137	
									28244	
									0.53' M	
										SUMMATION OF RUN
										B.M. 110-10 TO B.M. 110-11
										TOTAL BACKSIGHT +65.472
										TOTAL FORESIGHT -52.938
										DIFF. IN ELEV. +12.534
										F.B. 2425 P.G. 51
	65.472					52.938				

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NT-142552
Notes by T. OHASHI Time 11:30 TO 11:55 Rod No. 15 E 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 110-11 To B.M. 110-10
Date 12-3-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5742		645		#5	6837		645		B.M. 110-11
	5097		646			6192		644		AVE "O" & 20TH ST. W.
	4451		1291			5548		1289		SEE F.B. 2425-16 FOR DESC.
1.	15.290	5.097		1291		18.577	6.192		1289	
	5238		631			6476		641		⊼ G.E. DREIER
	4607		634			5836		643		
	3973		1265			5187		1289		
2.	13.818	4.606		2856		17.493	5.831		2577	
	5817		637			5707		641		
	5180		633			5066		642		
	4547		1270			4424		1283		
3.	15.544	5.181		3526		15.197	5.066		3846	
	5527		637			6052		644		
	4890		637			5408		646		
	4253		1274			4768		1290		
4.	14.670	4.890		5100		16.228	5.409		5142	
	6097		646			6599		641		
	5451		643			5953		644		
	4808		1289			5309		1290		
5.	16356	5.452		6389		17861	5.954		6434	
F.B. 2425 P.G. 82		25.226					28.452			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NA 142552
Notes by T. OHASHI Time 11:30 TO 11:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 110-11 To B.M. 110-10
Date 12-3-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6168	25.226	638	6389		5069	28.452	643	6434	
	5530		639			4426		644		
	4891		1277			3782		1287		
6	16.589	5.530		7.666		13.277	4.426		7.72X	
	6655		636			6287		662		
	6019		636			5625		662		
	5383		1272			4963		1324		
7	18.057	6.019		8938		16.875	5.625		9044	
	5548		637			7885		644		
	4911		638			7241		643		
	4273		1275			6598		1287		
8	14.732	4.911		10.213		21.724	7.241		10.33X	
	3941		679			6898		626		
	3262		679			6278		617		
	2583		1358			5659		1239		
9	9786	3.262		11.571		18.835	6.278		11.57X	
	4547		650			7540		643		
	3897		647			6897		645		
	3250		1297			6252		1288		
10	11.694	3.898		12868		20689	6.896		12859	
	48.846					58.918				

F.B. 2422 P.G. 22

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N1 102552
Notes by T. OHASHI Time 11:30 TO 11:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-11 To B.M. 110-10
Date 12-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4500	48.846	622	12,868		6958	58.918	620	12,859 (60)	B.M. 110-10
	3878		620			6335		618		AVE "O" & 15TH ST. W.
	3258		1242			5717		1238		SEE F.B. 2425-15 FOR DESC
11.	11,636	3.879		14110		19,007	6.336		14097 (8)	
									14110 28207 (8) 0.53	
										SUMMATION OF RUN
										B.M. 110-11 TO B.M. 110-10
										TOTAL BACKSIGHT +52.725
										TOTAL FORESIGHT −65.254
										DIFF. IN ELEV. −12.529
	52.725					65.254				

F.B. 2425 P.G. 84

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NR142552
Notes by G.E DREIER Time 1:30 TO 2:05 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVELING
Job No 0.301.02
From B.M. 110-11 To B.M. 110-12
Date 12-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.650 2.030 1.411		620 619 1.239		#15	7.542 6.916 6.288		626 628 1.254		B.M. 110-11 AVE. O & 20th ST. W. SEE F.B. 2425-16 FOR DE
1	6.091	2.030		1.239	74°	20.746	6.915		1.254	
	3.800 3.179 2.554		621 625 1246			7483 6.852 6.222		631 630 1.261		T. OHASHI
2	9.533	3.178		2.485		20.557	6.852		2.515	
	4.312 3.695 3.078		617 617 1.234			7.260 6.631 6.005		629 626 1.255		
3	11.085	3.695		3.719		19.896	6.632		3.770	
	3.989 3.364 2.739		625 625 1.250			7.136 6.507 5.879		629 628 1.257		
4	10.092	3.364		4.969		19.522	6.507		5.027	
	4.477 3.850 3.223		627 627 1.254			7178 6.543 5.912		635 631 1.266		
5	11.550	3.850		6.223		19.633	6.544		6.293	
	16.117					33.450				

F.B. 2425 P.G. 16

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No VK.142552
Notes by G.E.DREIER Time 1:30 TO 2:05 Rod No 15 #16

Name L. A. CO PRECISE LEVEL NET
Job No. 030102
From B.M. 110-11 To B.M. 110-12
Date 12-3-58 C. JOHNSON
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.288	16.117	633	6.223		7.001	33.450	622	6.293	
	3.655		634			6.379		622		
	3.021		1.267			5.757		1.244		
6	10.964	3.655		7.490		19.137	6.379		7.537	
	4.868		618			7.055		628		
	4.250		619			6.427		628		
	3.631		1.237			5.799		1.256		
7	12.749	4.250		8.727		19.281	6.427		8.793	
	4.630		630			6.839		629		
	4.000		629			6.210		625		
	3.371		1.259			5.585		1.254		
8	12.001	4.000		9.986		18.634	6.211		10.047	
	4.710		631			6.887		619		
	4.079		632			6.268		616		
	3.447		1.263			5.652		1.235		
9	12.236	4.079		11.249		18.807	6.269		11.282	
	4.571		622			7.380		629		
	3.949		623			6.751		625		
	3.326		1.245			5.126	6.419	1.254		
10	11.846	3.949		12.494	6	19.257	6.752		12.536	H.J.A.
		36.050			?		65.488			

F.B. 2425 P.G. 86

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No NR 142552
Notes by G. E. DREIER Time 1:30 TO 2:05 Rod No 15 & 16

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-11 To B.M. 110-12
Date 12-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.423	36.050	555	12.494		6.446	65.~~488~~ 88 155	567	12.536	
	3.868		558			5.879		567		B.M. 110-12
	3.310		1.113			5.312		1134		20TH ST. W. & AVE. N-8
11	11.601	3.867		13.607		17.637	5.879		13.670	SEE F.B. 2425-17 FOR DESC
									13.607	
									27.277	
									=0.52	
										SUMMATION OF RUN
										B.M. 110-11 TO B.M. 110-12
										TOTAL BACKSIGHT + 39.917
										TOTAL FORESIGHT − 71 ~~367~~ 367 ~~034~~
										DIFF. IN ELEV. + 31 ~~45~~ ~~47~~
										Diff in Elev +31.450
		39.917					71.~~367~~ ~~034~~ 367			

HJA

F.B. 2425 P.G. 87

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK142552
Notes by G. E. DREIER Time 2:05 TO 2:30 Rod No. 15 & 16

Name L. A. CO PRECISE LEVEL NET
Job No 0301.02
From B.M. 110-12 To B.M. 110-11
Date 12-3-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6322		562			4.308		560		B.M. 110-12
	5.760		562			3.748		560		20th ST. W & AVE N-8
	5.198		1.124			3.188		1.120		SEE F.B. 2425-17 FOR
1	17.280	5.760		1.124		11.244	3.748		1.120	
	7.117		628			4.310		626		
	6.489		626			3.684		623		T. OHASHI
	5.863		1.254			3.061		1.249		
2	19.469	6.490		2.378		11.055	3.685		2.369	
	6.873		629			4.673		620		
	6.244		627			4.053		620		
	5.617		1.256			3.433		1.240		
3	18.734	6.245		3.634		12.159	4.053		3.609	
	6897		627			4.691		630		
	6.270		623			4.061		631		
	5.647		1.250			3.430		1.261		
4	18.814	6.271		4.884		12.182	4.061		4.870	
	6.674		627			4.488		619		
	6.047		627			3.869		617		
	5.420		1.254			3.252		1.236		
5	18.141	6.047		6.138		11.609	3.870		6.106	
		30.813					19.417			

F.B. 2425 P.G. 88

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by G. E. DREIER Time 2:05 TO 2:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-12 To B.M. 110-11
Date 12-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.925	30.813	623	6.138		4.212	19.417	632	6.106	
	6.302		621			3.580		633		
	5.681		1244			2.947		1265		
6	18.908	6.303		7.382		10.739	3.580		7.371	
	7.158		632			4.457		627		
	6.526		633			3.830		626		
	5.893		1265			3.204		1.253		
7	19.577	6.526		8.647		11.491	3.830		8.624	
	7.167		628			4.021		623		
	6.539		628			3.398		627		
	5.911		1.256			2.771		1.250		
8	19.617	6.539		9.903		10.190	3.397		9.874	
	6.940		625			3.996		619		
	6.315		626			3.377		618		
	5.689		1251			2.759		1237		
9	18.944	6.315		11.154		10.132	3.377		11.111	
	7.286		632			3.600		621		
	6.654		631			2.979		621		
	6.023		1263			2.358		1242		
10	19.963	6.654		12.417		8.937	2.979		12.353	
	63.150					36.580				

F.B. [illegible] P.G. 2

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK 142552
Notes by G.E.DREIER Time 2:05 TO 2:30 Rod No 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No 0.301.02
From B.M. 110-12 To B.M. 110-11
Date 12-3-58
Indexed L.O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7 548	63150	608	12,417		2,692	36.580	639	12.353	
	6.940		609			2,053		638		B.M. 110-11
	6.331		1.217			1.415		1,277		AVE. O & 20th ST. W.
11	20,81 96.940			13,634		6,160	2.053		13,630	SEE F.B. 2425-16 FOR DESC
										SUMMATION OF RUN
										B.M. 110-12 TO B.M. 110-11
										TOTAL BACKSIGHT + 70.090
										TOTAL FORESIGHT − 38.633
										DIFF IN ELEV. + 31.457
F.B. 2425 P.G. 90										
		70.090					38.633			

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK142552
Notes by G.E.DREIER Time 9:05 TO 9:45 Rod No 15 & 16

Name L.A. CO PRECISE LEVEL NET
Job No 0301.02
From B.M. 110-12 To B.M. 110-13
Date 12-4-58
Indexed C. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	3.573 2.928 2.282 8.783	2.928	645 646 1.291	1.291	72°	7.208 6.570 5.933 19.711	6.570	638 637 1.275	1.275	B.M. 110-12 20th ST. W. & AVE N-8 SEE F.B. 2425-17 FOR DET.
2	4.267 3.629 2.991 10.887	3.629	638 638 1.276	2.567		7.192 6.566 5.940 19.698	6.566	626 626 1.252	2.527	T. OHASHI
3	4.048 3.417 2.782 10.247	3.416	631 635 1266	3.833		7369 6.736 6.102 20207	6.736	633 634 1267	3.794	
4	3.786 3.151 2.517 9454	3.151	635 634 1.269	5.102		7.470 6.845 6.218 20.533	6.844	625 627 1.252	5.046	
5	3871 3.235 2599 9.705	3.235	636 636 1.272	6.374		6.976 6.342 5.710 19.028	6.343	634 632 1.266	6.312	
				16.359					33.059	

F.B. 2425 P.G. 21

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK 14 2552
Notes by G.E.DREIER Time 9:05 TO 9:45 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET.
Job No 0.301.02
From B.M. 110-12 To B.M. 110-13
Date 12-4-58
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.161	16.359	633	6.374		6.808	33.059	627	6.312	
	3.528		637			6.181		629		
	2.891		1.270			5.552		1.256		
6	10.580	3.527		7.644		18.541	6.180		7.568	
	4.150		633			7.655		632		
	3.517		635			7.023		632		
	2.882		1.268			6.391		1.264		
7	10.549	3.516		8.912		21.069	7.023		8.832	
	3.840		631			7.513		626		SUMMATION OF RUN
	3.209		634			6.887		628		B.M. 110-12 TO B.M. 110-13
	2.575		1.265			6.259		1.254		TOTAL BACKSIGHTS +33.908
8	9.624	3.208		10.177		20.659	6.886		10.086	TOTAL FORESIGHTS −67.295
	4.219		630			6.952		632		DIFF IN ELEVATION −33.387
	3.589		630			6.320		631		
	2.959		1.260			5.689		1.263		
F.B. 2425 PG. 92 9	10.767	3.589		11.437		18.961	6.320		11.349	
	4.419		710			8.539		712		B.M. 110-13
	3.709		710			7.827		712		20th ST. W. & AVE. N
	2.999		1.420			7.115		1.424		SEE F.B. 2425-18 FOR DESC
10	11.127	3.709		12.857		23.481	7.827		12.773	
		33.908					67.295		12.857	
									25.630	

.49 Mi.

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NV 142552
Notes by G.E. DREIER Time 10:55 TO 11:15 Rod No. 15 & 16

Name L. A. CO PRECISE LEVELING
Job No. 0301.02
From B.M. 110-13 To B.M. 110-12
Date 12-4-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.384		711		#15	4267		708		B.M. 110-13
	7.673		711			3.559		710		20TH ST. W. & AVE N
	6.962		1.422			2.849		1.418		SEE F.B. 2425-18 L.A.C.E.
1	23.019	7.673		1.422	86°	10.675	3.558		1.418	
	6.634		633			3.899		630		T. OHASHI
	6.001		632			3.269		630		
	5.369		1.265			2.639		1.260		
2	18.004	6.001		2.687		9.807	3.269		2.678	
	7.316		627			3.642		632		
	6.689		628			3.010		633		
	6.061		1.255			2.377		1.265		
3	20.066	6.689		3.942		9.029	3.010		3.943	
	7.560		632			4.056		634		
	6.928		631			3.422		633		
	6.297		1.263			2.789		1.267		
4	20.785	6.928		5.205		10.267	3.422		5.210	
	6.891		627			4247		636		
	6.264		626			3.611		632		
	5.638		1.253			2.979		1.268		
5	18.793	6.264		6.458		10.837	3.612		6.478	
	33.555					16.871				

F.B. 2425 P.G. 17

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No NF142552 Name L. A. CO. PRECISE LEVEL NET
Notes by G. E. DREIER Time 10:55 TO 11:15 Rod No 15 & 16 Job No 0301.02
From B.M. 110-13 To B.M. 110-12
Date 12-4-58 Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.963	33.555	634	6.458		3.858	16.871	637	6.478	
	6.329		632			3.221		634		
	5.697		1.266			2.587		1.271		
6	18.989	6.330		7.724		9.666	3.222		7.749	
	7.322		629			3.633		633		
	6.693		629			3.000		633		
	6.064		1.258			2.367		1.266		
7	20.079	6.693		8.982		9.000	3.000		9.015	
	7.233		632			3.914		634		
	6.601		633			3.280		633		
	5.968		1.265			2.647		1.267		
8	19.802	6.601		10.247		9.841	3.280		10.282	SUMMATION OF RUN B.M. 110-13 TO B.M. 110-12
	6.900		626			3.973		636		TOTAL BACKSIGHTS + 65.761
	6.274		627			3.337		637		TOTAL FORESIGHTS - 32.378
	5.647		1.253			2.700		1.273		DIFF IN ELEVATION + 33.383
9	18.821	6.274		11.500		10.010	3.337		11.655	
	6.959		651			3.294		626		
	6.308		650			2.668		627		B.M. 110-12
	5.658		1.301			2.041		1.253		20th ST. W. & AVE. N-8
10	18.925	6.308		12.801		8.003	2.668		12.808	SEE F.B. 2425-17 FOR DESC.
		65.761					32.378			

F.B. 2425 P.G. 94

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK.142552
Notes by T. OHASHI Time 9:45 TO 10:20 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 110-13 To B.M. 110-14
Date 12-4-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5716 5079 4442 15.237	5.079	637 637 1274	1274	#15 73°	7928 7297 6663 21888	7296	631 634 1265	1265	B.M. 110-13 20th ST. W. & AVE. N SEE F.B. 2425-18 FOR DESC
2	4478 3837 3197 11.512	3.837	641 640 1281	2555		7739 7102 6467 21308	7.103	637 635 1272	2537	T. G.E. DREIER
3	4232 3599 2967 10.798	3.599	633 632 1265	3820		7566 6918 6277 20.755	6.918	642 641 1283	3820	
4	5068 4432 3799 13.299	4.433	636 633 1269	5099		7508 6876 6243 20.627	6876	632 633 1265	5085	
5	4499 3859 3218 11.576	3.859	640 641 1281	6370		7549 6897 6243 20.689	6.896	652 654 1306	6391	
	20.807					35.089				

F.B. 2425 P.G. 6

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NR 142552
Notes by T. OHASHI Time 9:45 To 10:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-13 To B.M. 110-14
Date 12-4-58
Indexed L. O. Johnson

F.B. 2425 PG. 96

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4957	20.807	639	6370		7231	35.089	629	63911	
	4318		639			6602		627		
	3679		1278			5973		1256		
6	12.954	4.318		7648		19.806	6.602		7649	
	4769		641			7593		634		
	4127		642			6959		636		
	3485		1283			6323		1270		
7	12.380	4.127		8931		20.875	6.958		8919	
	4230		640			7850		638		
	3790		641			7212		634		
	3149		1281			6578		1272		
8	11.369	3.790		10212		21.640	7.213		10191	
	4390		644			8104		647		
	3746		647			7457		647		
	3099		1291			6810		1294		
9	11.235	3.745		11503		22.371	7.457		11485	
	4375		635			7944		634		
	3746		634			7310		633		
	3106		1269			6677		1267		
10	11.221	3.740		12772		21.931	7.310		12752	
		40.527					70.629			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr. 142552
Notes by T. OHASHI Time 9:45 TO 10:20 Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 110-13 To B.M. 110-14
Date 12-4-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4712	40.527		12772		6167	70.629		12.752	
	4222		490			5684		483		
	3732		490			5202		482		
11.	12.666	4.222	980	13752		17053	5.684	965	13.717	B.M. 110-14
									13.752	20TH ST. W. & AVE M-8
									27.469	SEE F.B. 2425-19 FOR DES.
									=0.52	.012
										SUMMATION OF RUN
										B.M. 110-13 TO B.M. 110-14
										TOTAL BACKSIGHT +44.749
										TOTAL FORESIGHT -76.313
										DIFF IN ELEV. -31.564
										F.B. 2425 P.G. 27
	44.749					76.313				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. Ni 142552
Notes by T. OHASHI Time 10:20 TO 10:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-14 To B.M. 110-13
Date 12-4-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6081		476		#	4639		496		B.M. 110-14
	5605		475		15	4143		494		20TH. ST. W. & AVE. "M"-8
	5130		951			3649		990		SEE F.B. 2425-19 FOR DESC.
1.	16.816	5.605		951		12431	4.144		990	
	7805		632			4238		635		∡ G.E. DREIER
	7173		631			3603		634		
	6542		1263			2969		1269		
2	21.520	7.173		2214	79°F	10810	3.603		2259	
	7989		648			4277		645		
	7341		648			3632		646		
	6693		1296			2986		1291		
3	22.023	7.341		3510		10895	3.632		3550	
	7739		636			4322		642		
	7103		634			3680		642		
	6469		1270			3038		1284		
4.	21.311	7.104		4780		11040	3.680		4834	
	7509		635			4481		642		
	6874		635			4039		640		
	6239		1270			3399		1282		
5	20.622	6.874		6050	/	12119	4040		6116	/
		34.097	/				19.099	/		

F.B. 2425 P.G. 98

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 10:20 TO 10:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-14 To BM 110-13
Date 12-4-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7122	34.097	630	6050		4848	19.099	640	6176	
	6492		630			4208		639		
	5862		1260			3569		1279		
6.	19476	6.492		7310		12625	4.208		7395	
	7522		665			4446		628		
	6857		667			3818		627		
	6190		1332			3191		1255		
7	20569	6.856		8642		11455	3.818		8650	
	7523		632			5082		632		
	6891		632			4450		633		
	6259		1264			3817		1265		
8.	20673	6.891		9906		13349	4.450		9915	
	7580		641			4253		632		
	6939		641			3621		631		
	6298		1282			2990		1263		
9.	20817	6.939		11188		10864	3.621		11178	
	7703		635			4439		640		
	7068		638			3799		639		
	6430		1273			3160		1279		
10.	21201	7067		12461		11398	3.799		12457	
		68342					38995			

F.B. 2425 P.G. 99

76P526 S & E #379 1-54

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Chief of Party G. F. DREIER Weather SUN - CLEAR Inst. No. N-122552
Notes by T. CHASHI Time 10:20 TO 10:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 110-14 To B.M. 110-13
Date 12-4-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7658	68.382	639	12461		5437	38.995	634	12.457	B.M. 110-13
	7019		639			4803		632		20TH ST. W. & AVE "N"
	6380		1278			4171		1266		SEE F.B. 2425-18 FOR DESC.
11	21.057	7.019		13739		14.411	4.804		12723	
										SUMMATION OF RUN
										B.M. 110-14 TO B.M. 110-13
										TOTAL BACKSIGHT +75.361
										TOTAL FORESIGHT -43.799
										DIFF. IN ELEV. +31.562
	75.361					43.799				

F.B. 2425 P.G. 100

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN CLEAR Inst. No. VM42552
Notes by A. C. GUIZADO Time 2:10 to 2:40 Rod No. 15816

Name L. A. CO PRECISE LEVEL NET
Job No. 030102
From BM110-14 To BM104-4
Date 12-1-59
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.271 3.927 3.581 11.779	3.926	344 346 690	.690	#15 T=64°	6.825 6.478 6.130 19.433	6478	347 348 695	.695	BM110-14 20th St W & Ave M-3 SEE FB 2425-19 FOR DESC
2	4506 3845 3184 11535	3845	661 661 1322	2012		7330 6672 6013 20015	6672	658 659 1317	2012	⊼ G.E. DREIER
3	4490 3849 3207 11546	3841	641 642 1283	3.295		7486 6798 6111 20395	6798	688 687 1375	3387	
4	4454 3801 3148 11403	3801	653 653 1306	4.601		[illegible] 7441 6788 22323	7441	653 653 1306	4.693	
5	4156 3493 2829 10480	3493	665 664 1329	5.930		7388 6732 6078 20198	6733	656 654 1310	6.003	
		18.914					34.122			

F.B. 2425 P.G. 101

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN CLEAR Inst. No. NC 142552
Notes by A. C. GUIZADO Time 2:10 to 2:40 Rod No. 15816

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 110-14 To BM 104-4
Date 12-1-58
Indexed A. C. Johnson

F.B. 2425 P.G. 102

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4260	18.914	660	5.930	75	7550	34122	653	6.003	
	3608		658			6897		655		
	2950		1318		F 68	6232		1308		
6	10826	3609		7248		20679	6826		7311	
	4137		670			7660		670		
	3721		650			6990		669		
	3077		1320			6321		1339		
7	11163	3721		8548		20971	6990		8650	
	4339		691			7686		674		
	3648		691			7012		673		
	2957		1382			6339		1347		
8	10944	3648		9930		21037	7012		9997	
	4258		640			7811		644		
	3618		641			7167		648		
	2977		1281			6519		1292		
9	10853	3618		11211		21497	7166		11289	
	4191		638			7555		642		
	3553		636			6913		641		
	2917		1274			6272		1283		
10	10661	3554		12485		20740	6913		12572	
		37064					69089			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN CLEAR Inst. No. NT142552
Notes by A. C. GUIZAR Time 2:10 to 2:40 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From BM 110-14 To BM 104-4
Date 12-15-58 Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4847	37.064	616	12.485	#15	5947	69.089	629	12.572	B.M. 104-4 (D-489 1965)
	4231		614			5313		626		AVE. M. & 20th ST. W.
	3617		1230			4693		1254		SEE F.B. 2416-126 FOR DESC.
11	12695	4232		13.715	T=64°	15959	5320		13.826	
									13.715	
									27.541	.012
									= 0.52 MI.	
										SUMMATION OF RUN
										B.M. 110-14 TO B.M. 104-4
										TOTAL BACKSIGHT +41.296
										TOTAL FORESIGHT -74.409
										DIFF. IN ELEV. -33.1[illegible]
		41.296					74.409			

F.B. 2425 P.G. 103

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Sun clear Inst. No. Nr 142552
Notes by A C GUIZADO Time 1:45 TO 2:10 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-4 To BM 110-14
Date 12-[illegible]-8 E. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5906 5280 4653 15839	5280	626 627 1253	1253	#15 T=68	4809 4192 3574 12575	4192	617 618 1235	1235	BM 104-4 (D-489 1955) 20TH ST. W. & AVE. "M" SEE FB 2416-126 FOR DESC
2	7658 7029 6401 21088	7029	629 628 1257	2510		4319 3669 3019 11007	3669	650 650 1300	2535	⊼ G.E. DREIER
3	7807 7164 6522 21493	7164	643 642 1285	3795 ~~3805~~		4262 3618 2972 10852	3617	644 646 1290	3825	
4	7695 7019 6343 21057	7019	676 676 1352	5147		4344 3654 2964 10962	3654	690 690 1380	5205	
5	7453 6781 6108 20342	6781	672 673 1345	6502		4161 3512 2863 10536	3512	649 649 1298	6507	
		33,273					18644			

F.B. 2425 P.G. 104

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Sun clear Inst. No. Nr 142552
Notes by A.C. Guizado Time 1:45 to 2:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.62
From BM 104-A To BM 110-A
Date 12-[illegible]-58 E.O. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	.1595 6945 6623 20823	33.273 6941	656 6574 1306	649 7984 7800	T=65 T=66	3661 3000 10980	18.644 3660	658 661 1319	650P3 782	
7	6642 5911 19923	6641	651 650 1301	05 64 914		4069 3302 2734 10205	3402	667 668 1335	917	
8	7983 7331 6576 21992	7331	652 653 1305	10 09 1041		4347 3690 2933 11070	3690	657 657 1314	1047	
9	7906 6626 5940 19874	6625	662 666 1328	28 37 1178		4319 3674 3030 11023	3674	645 644 1289	1176	
10	7377 6720 6059 20158	6719	659 661 1320	097 1307		4549 3889 3231 11669	3889	660 658 1318	78 1308	
		67.530		098			36959			

F.B. 2425 P.G. 105

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Chief of Party G. E. DREIER Weather SUN CLEAR Inst. No. Nr. 142552
Notes by A. C. Guizado Time 1:45 to 2:10 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-4 To BM 110-14
Date 12-1-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.266	67.530	347	131~~07~~ 098	75	4.712	36.959	345	130~~82~~ 78	BM 110-14
	6.919		347			4.367		346		20th St W & AVE M-8
	6.572		694		68	4.021		691	69	SEE FB 2425-19 FOR DESC
11	20.757	6.919		138~~01~~ 792		13.100	4.367		137~~73~~	
										SUMMATION OF RUN
										B.M. 104-4 TO B.M. 110-14
										TOTAL BACKSIGHT + 74.449
										TOTAL FORESIGHT − 41.326
										DIFF. IN ELEV. +33.123
		74.449					41.326			

F.B. 2425 P.G. 106

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No Nr. 142552
Notes by G. E. DREIER Time 2:40 TO 3:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 104-4 To B.M. 104-3
Date 12-1-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.708 5.239 4.771 15.718	5.239	469 468 937	.937	#15 65°	6.158 5.694 5.231 17.083	5.694	464 463 927	.927	B.M. 104-4 (D 48 1965) AVE "M" & 20TH ST. W. SEE F.B. 2416-126 FOR DESC.
2	5.509 4.885 4.261 14.655	4.885	624 624 1.248	2.185		6.159 5.530 4.901 16.590	5.530	629 629 1.258	2.185	A.C. GUIZADO
3	5.170 4.541 3.915 13.626	4.542	629 626 1.255	3.440		5.987 5.360 4.733 16.080	5.360	627 627 1.254	3.439	
4	5.675 5.045 4.415 15.135	5.045	630 630 1.260	4.700		5.671 5.049 4.427 15.147	5.049	622 622 1.244	4.683	
5	5.496 4.863 4.238 14.591	4.864	627 625 1.252	5.452		5.419 4.791 4.166 14.376	4.792	628 625 1.253	.5936	F.B. 2414 P.G. 107
	24.575					26.425				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr. 142552
Notes by G E DREIER Time 2:40 TO 3:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-4 To 104-3
Date 12-1-58 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.018	24.575	639	5.952		6.132	26.425	622	5.936	
	5.379		639			5.510		621		
	4.740		1.278			4.889		1.243		
6	16.137	5.379		7.230		16.531	5.510		7.179	
	5.750		630			5.508		638		
	5.120		630			4.870		635		
	4.490		1.260			4.235		1.273		
7	15.360	5.120		8.490		14.613	4.871		8.452	
	5.026		628			6.357		632		
	4.398		631			5.725		629		
	3.767		1.259			5.096		1.261		
8	13.191	4.397		9.749	?	17.178	5.726		9.713	
	5.516		627		5 ←	6.820 → 1		631		
	4.889		629			5.190		631		
	4.260		1.256			4.557		1.262		
9	14.665	4.888		11.005		16.570	5.190		10.975	
	6.112		624			6.207		626		
	5.488		628			5.581		622		
	4.860		1.252			4.959		1.248		
10	16.460	5.487		12.257		16.747	5.582		12.223	
		49.846					53.304			

F.B. 2425 P.G. 108

(5)

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NR 142552
Notes by G E DREIER Time 2:40 TO 3:00 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 104-4 To B.M. 104-3
Date 12-1-65 E. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5149	49.846	621	12.257		6.412	53.304	641	12.223	
	4.528		620			5.771		640		
	3.908		1241			5.131		1281		
11	13.585	4.528		13.498		17.314	5.771		13.504	B.M. 104-3
									13.498	AVE. IN & 15th ST W
									27.002	SEE F.B. 2416-125 FOR DESC.
									=0.51 MI	.012
										SUMMATION OF RUN
										B.M. 104-4 TO B.M. 104-3
										TOTAL BACKSIGHT + 54.374
										TOTAL FORESIGHT - 59.075
										DIFF. IN ELEV. - 4.701
										F.B. 2425 PG. 10
	54.374					59.075				

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr. 142552
Notes by G.E.DREIER Time 1:10 TO 1:40 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 301.02
From B.M. 104-3 To B.M. 104-4
Date 12-1-58 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6441		628		#15	5.203		633		B.M. 104-3
	5.813		627			4.570		635		AVE. M. & 15th ST. W,
	5.186		1.255			3.935		1.268		SEE F.B. 2416-125 FOR DESC.
1	17.440	5.813		1.255	65°	13.708	4.569		1.268	
	6.222		624			6 128		625		
	5598		626			5,563		624		
	4.972		1.250			4.879		1.249		A.C. GUIZADO
2	16.792	5.597		2505		16,510	5.503		2517	
	5,738		628			5434		628		
	5,110		631			4.806		628		
	4.479		1.259			4.178		1256		
3	15327	5,109		3.764		14.418	4.806		3773	
	6,326		633			4 991		629		
	5,693		632			4. 362		629		
	5,061		1265			3.733		1.258		
4	17.080	5,693		5029		13.086	4.362		5031	
F.B. 2425 P.G. 110	5 508		637			5753		631		
	4.871		634			5,122		632		
	4.237		1.271			4.490		1263		
5	14.616	4.872		6300		15,365	5,122		6294	
		27.084					24.362			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. UK 142552 Name A. CO. PRECISE LEVEL NO.
Notes by G. E. DREIER Time 1:10 TO 1:40 Rod No. 15 & 16 Job No. D 301.02
From B.M. 104-3 To B.M. 104-4
Date 12-1-58
Indexed A. C. [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.070	27.084	620	6.300		5.958	24.362	640	6.294	
	5.450		620			5.318		640		
	4.830		1.240			4.678		1.280		
6	16.350	5.450		7.540		15.954	5.318		7.574	
	5.381		626			5.458		628		
	4.755		625			4.830		631		
	4.130		1.251			4.199		1259		
7	14.266	4.755		8.791		14.487	4.829		8.833	
	5.592		620			5.598		630		
	4.970		621			4.968		630		
	4.349		1.243			4.338		1.260		
8	14.911	4.970		10.034		14.904	4968		10.093	
	5.901		626			5.087		629		
	5.275		625			4.458		628		
	4.650		1.251			3.830		1.257		
9	15.826	5275		11.285		13.375	4.458		11.350	
	6.051		627			5.401		624		
	5.424		630			4.777		626		
	4.794		1.257			4.151		1.250		
10	16.269	5423		12.540		14.329	4776		12.600	
		52.947					48.711			

F.B. 2425 PG. 111

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by G.E.DREIER Time 1:10 TO 1:40 Rod No. 15 & 16

L. A. CO PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 104-3 To B.M. 104-4
Date 12-1-58
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.184	5.709	475	12.548		5.713	5.255	459	12.600	
	5.709		474			5.254		456		B.M. 104-4 (D-489 1965)
	5.236		948	91		4.798		915		AVE. "M" & 20TH ST. W
11	11.129	5.709		13.489		15.765	5.255		13.515	SEE F.B. 2416-126 FOR DESC.
										SUMMATION OF RUN
										B.M. 104-3 TO B.M. 104-4
										TOTAL BACKSIGHT +58.666
										TOTAL FORESIGHT -53.966
										DIFF. IN ELEV. +4.700
		58.666					53.966			

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
Date	Indexed I. M. PALMERI AUG 31 '72

F. B. 2425 PG. 113

JOB NO. 0301.02

L.A.Co. PRECISE LEVEL NET

LINE NO. 110, AUGUST, 1972 RELEVELING

DESCRIPTION REFERENCES

F.B. 2425 - 5 TO 20
F.B. 3724 - 5 TO 42

DREIER
GOBLE
MALDONADO
SIEMANN
OHASHI
McKNIGHT

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

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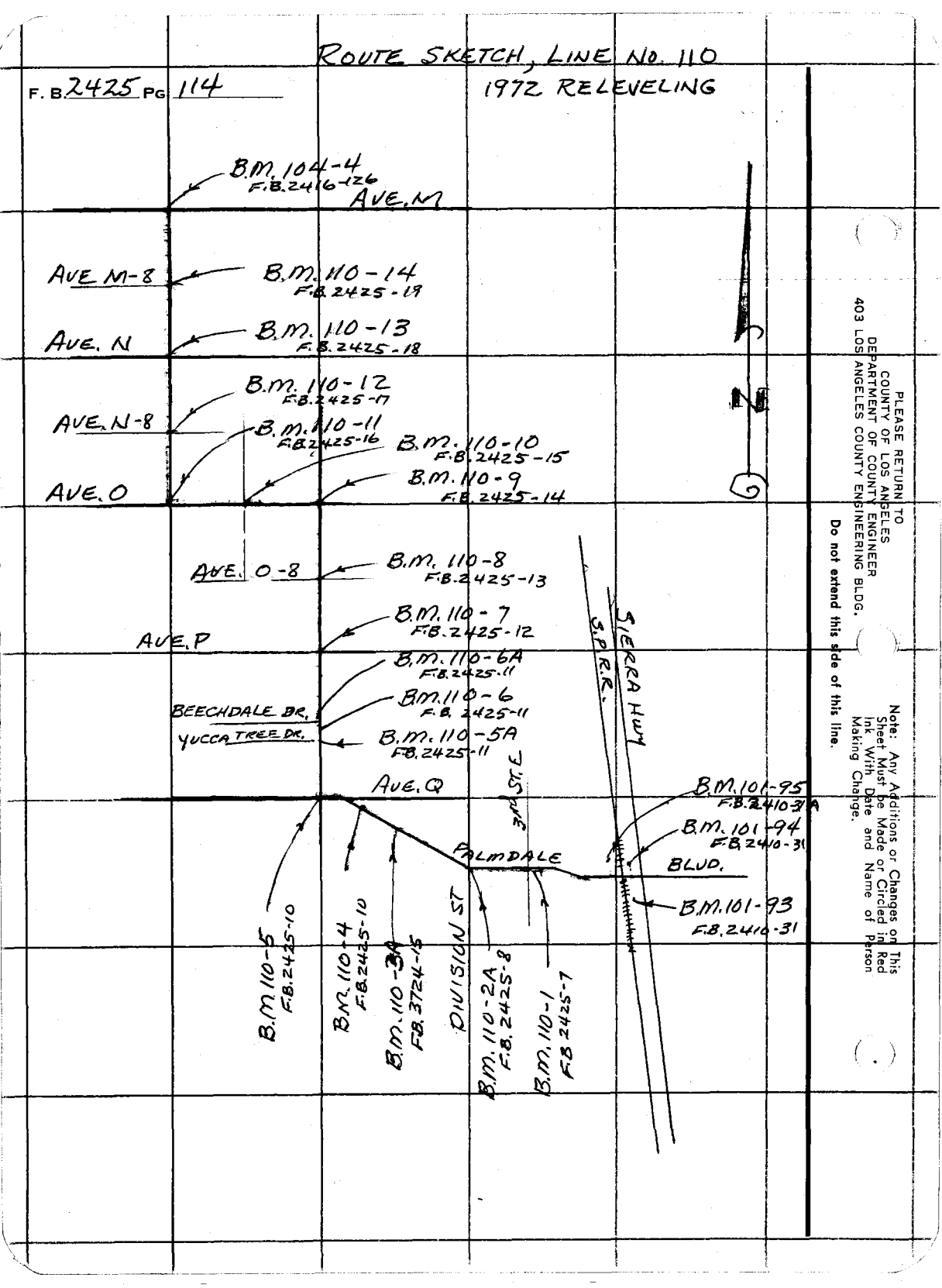
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 C.E.#310.3-68

ROUTE SKETCH, LINE NO. 110

F. B. 2425 PG 114

1972 RELEVELING



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 7-27-72

INDEXED L.M. PALMERI DATE AUG 31 72

WEATHER CLEAR CALM INST. NO 96716

TIME 10:05 ROD NO 1713A-B

NOTES CHKD DATE

F.B. 2425 PG. 115

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								π MALDONADO
	NEAR ROD				FAR ROD				
1	151	298	452 5	153 149 4	146	151	447 5	173 119 54	54M- 4 M= 50 M=0.20 mm
2	152	541	453 5	154 150 4	157	627	458 5	184 130 54	54M- 4 M= 50 M=0.20 mm
	303	839		8	303	778		108	
	303	738				0.40 mm			
	+	1.01 mm			~~-0. mm~~			-8	Curvature Corr.=0.40 mm
					303	738		100	
					-				
	1	101		mm= "C"					
					1			mm= "C"	

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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.

WEATHER CLEAR - LT. BR. INST. NO. 9676
TIME 10:00 ROD NO. 11348
NOTES CHKD DATE
85°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION of "C"						
1	144 352	445 5	146 142 4	111 268	412 5	138 84 54	54 m - 4 m = 50 m = 0,20 mm
2	153 441	454 5	155 151 4 8	186 562	487 5	213 159 54 108 - 8	54m - 4m = 50 m = 0.20mm
						100	CURVE. CORR. 0.40mm
	297 793			297 830			
	297 790			040			
	0,03 mm.			297 790			

+ 0.000 mm = "C"
100) 0,030

F.B. 2425 Pg. 116 JOB NO. 0301.02
SURVEY OF LA Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DR 8-15-72
INDEXED T. M. PALMERI 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 84° F.B. 2425 PG. 117
SURVEY BY G. E. DREIER WEATHER CLEAR-CALM INST. NO. 26716
NOTES BY G. E. DREIER DATE 8-16-72 TIME 9:15 ROD NO. 713A-B
INDEXED J. M. PALMER DATE AUG 31 72 NOTES CHKD. DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	137 900	438 5	139 / 135 4	146 945	447 5	173 / 119 54	54M- 4M= 50M=0.20 mm
2	152 993	453 5	154 / 150 4	143 972	444 5	170 / 116 54	54M- 4M= 50M=0.20 mm
	290 893		8	~~293~~ 917		108	
	290 877			0.40 mm			
	+ 0.16 mm			-0. mm		- 8	Curvature Corr.=0.40 mm
				290 877		100	
				-			
	+ 0.002 mm = "C"						
	100/0.16						
				/ mm = "C"			

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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 _____ TO _____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	162	762	463 5	164 160 4	109	959	410 5	136 82 54	54 M − 4 M = 50 M = 0.20 mm
2	162	493	463 5	164 160 4	215	354	516 5	242 188 54	54 M − 4 M − 50 M = 0.20 mm.
	325	255		8	325	313		108	
					− 0.40 mm			−8	CURVE CORR. = 0.40 mm.
					325	273		100	
					325	255			
				−		018			
					−.002 mm = C				
					100) 0.18 mm.				

F.B. 2425 PG. 118 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES OHASHI 8-17-72

INDEXED T. M. PALMERI DATE

WEATHER CLEAR INST. NO. 96716

TIME 8:30 – 8:35 ROD NO. 173A&B

NOTES CHKD. DATE

T = 74°

76P526 CE # 308 3-61

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L ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

E: ANY ADDITIONS OR CHANGES
HIS SHEET MUST BE MADE OR
CLED 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 890
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 26716
NOTES BY G.E. DREIER DATE 8-18-72 TIME 9:35 ROD NO. 7134-B
INDEXED J.M. PALMERI DATE AUG 31 '72 NOTES CHKD DATE
F.B. 2425 Pg. 19

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM / TO
		DETERMINATION OF "C"					
		NEAR ROD			FAR ROD		
1	147 172	4485	149 145 4	111 348	4125	138 84 54	54m - 4m = 50m = 0.20 mm
2	147 130	4485	149 145 4 8	182 993	4835	209 155 54 108 -8	54m - 4m = 50m. = 0.20 mm
	294 302			294 341		100	CURVATURE CORR. = 0.40mm
				0.40			
	294 301			294 301			
	0.01 mm						
		+ 0.000 = "C"					
		100 | 0.01 mm					

76P526B CE # 308 8/68

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403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 101-93 TO B.M. 101-94 TO 101-95
B.M. 101-93							B.M. 101-93 (U.S.G.S. 2657 1902) B.M. 88
1	173 902	474 5	207 144 58	229 315	530 5	258 200 58	S.P.R.R. & PALMDALE BLVD., SO. SIDE
				173 902		58 116	SEE F.B. 2410-31
				= 55413			
B.M. 101-94							B.M. 101-94 (U.S.C. & G.S. X 811 1947)
							S.P.R.R., N. OF PALMDALE BLVD
							SEE F.B. 2410-31
							B.M. 101-94 TO B.M. 101-95
B.M. 101-94							
1	171 389	472 5	178 164 14	131 119	432 5	138 124 14	B.M. 101-94 (U.S.C. & G.S. X 811 1947)
	131 119					14	
						28	
B.M. 101-95	+40 270						B.M. 101-95 (U.S.C. & G.S. B 811 1947
							S.P.R.R., N. OF PALMDALE BLVD.
							SEE F.B. 2410-31A

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREESE WEATHER LT BREEZE 100° INST. NO 96716
NOTES BY G.E. DREESE DATE 6-27-72 TIME 1010 ROD NO 7134-B
INDEXED J.M. PALMERI DATE AUG 31 72 NOTES CHKD [illegible] DATE 9-7-72
F.B. 2425 PG. 121

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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 B.M. 101-95 TO B.M. 101-94 TO 101-93
B.M. 101-95									B.M. 101-95 (B-811 1947 U.S.C.&G.S.) S.P. RR. N. OF PALMDALE BLVD SEE F.B. 2410-31A
1	137	532	438 5	144 130 14	177	798	478 5	183 171 12	
					137	532		14	
								26	
B.M. 101-94					-40	266			B.M. 101-94 (U.S.C.&G.S. X811 1947) S.P. RR., N. OF PALMDALE BLVD. SEE F.B. 2410-31
									R. SIEMANN
									B.M. 101-94 TO B.M. 101-93
B.M. 101-94									B.M. 101-94
1	240	940	541 5	268 212 56	185	501	486 5	214 156 58	S.P.R.R., N. OF PALMDALE BLVD. SEE F.B. 2410-31
	185	501						56	
								114	
B.M. 101-93	+55	439							B.M. 101-93 (U.S.G.S 38 1902) S.P.R.R. S. OF PALMDALE BLVD. SEE F.B. 2410-31

F.B. 2425 PG. 122 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-17-72

INDEXED T. M. PALMERI DATE

WEATHER CLEAR, LT. BR. INST. NO. 96716

TIME 10:45 TO 10:50 ROD NO. 1713A-B

NOTES CHKD [illegible] DATE 9-7-72

80°

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 95°
SURVEY BY G.E. DREIER WEATHER LT. BR.
NOTES BY G.E. DREIER DATE 7-27-72 TIME 10:25 TO 16:45 INST. NO 26716
INDEXED L.M. FARMER DATE AUG 31 72 NOTES CHKD DATE 9-7-72 ROD NO 11734-B
F.B. 2425 PG. 123

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-95 TO B.M.110-1
B.M.101-95									B.M.101-95 (U.S.C.&G.S. B 911 1947)
1	194	180	495 5	223 165 58	102	327	403 5	131 73 58	S.P.R.R. & PALMDALE BLVD.
									SEE F.B. 2410-31A
2	186	080	487 5	223 149 74	131	733	432 5	168 94 74	
3	192	887	493 5	231 153 78	117	228	418 5	155 79 76	T J. MALDONADO
4	203	123	504 5	236 170 66	105	667	406 5	136 74 62	
5	165	448	466 5	175 155 20	139	413	440 5	151 127 24	
				296				294	
B.M.110-1								296	B.M.110-1
	941	718			596	368		590	PALMDALE BLVD. & E. OF 3RD ST. E.
	596	368							SEE F.B. 2425-7
	+345	350							

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 110-1 TO B.M. 101-95
B.M. 110-1									B.M. 110-1
1	156	059	457 5	196 116 80	207	352	508 5	246 168 78	PALMDALE BLVD. & E. OF 3rd ST. E. SEE F.B. 2425-7
2	124	311	425 5	159 89 70	205	350	506 5	240 170 70	
3	105	192	406 5	139 71 150 68	188	419	489 5	222 154 148 68	⊼ R. SIEMANN
4	104	300	405 5	138 70 218 68	234	157	535 5	170 198 216 72	
~~5~~				286				288 286	
	489	862			835	278		574	
					489	862			
B.M. 101-95					345	416			B.M. 101-95 S.P.R.R., N. OF PALMDALE BLVD. SEE F.B. 2410-31

F.B. 2425 PG. 124 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 8-17-72

INDEXED T. M. PALMERI DATE

80°

WEATHER CLEAR SLIGHT BR. INST. NO. 96716

TIME 10:25 10:45 ROD NO. 113A-B

NOTES CHKD RGB DATE 9-7-72

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 MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 110-1 TO B.M. 110-2A
B.M. 110-1							B.M. 110-1
1	220 560	521 5	260 180 80	81 017	382 5	121 41 80	PALMDALE BLVD., E. OF 3rd ST. E.
							SEE F.B. 2425-7
2	206 629	507 5	245 167 78	85 642	386 5	123 47 76	
			158			156	
3	227 694	528 5	267 187 80	67 520	368 5	105 29 76	⊼ J. MALDONADO
			238			232	
4	202 851	503 5	224 180 44	144 947	445 5	169 119 50	
			282			282	
						282	
	857 734			379 126		564	B.M. 110-2A
B.M. 110-2A	379 126						PALMDALE BLVD. & DIVISION ST. & INT.
							SEE F.B. 2425-8
	+478 608						

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

SURVEY BY G. E. DREIER

NOTES BY G. E. DREIER DATE 7-27-72

INDEXED I. M. PALMERI DATE AUG 31 '72

WEATHER LT. BR., CLEAR INST. NO 96716

TIME 10:45 TO 11:05 ROD NO 1713A-B

NOTES CHKD [illegible] DATE [illegible]

94°

F.B. 2425 PG. 125

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.110-2A TO B.M.110-1
B.M.110-2A									B.M.110-2A
1	141	720	442 5	177 105 72	214	082	515 5	248 180 68	PALMDALE BLVD. & DIVISION ST. ℄ INT. SEE F.B. 2425-8
2	90	148	391 5	126 54 72	229	353	530 5	268 190 78	
3	101	420	402 5	136 66 144 70	218	718	519 5	253 183 146 70	⊼ R. SIEMANN
4	107	740	408.5	141 73 214 68	257	402	558 5	292 222 216 70	
				282				286	
5								282	
	441	028			919	555		568	
B.M.110-1					441	028			B.M.110-1 PALMDALE BLVD., E. OF 3rd ST. E. SEE F.B. 2427-7
					478	527			

F.B. 2425 PG. 126

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-17-72

INDEXED T. M. PALMERI DATE

80°

WEATHER CLEAR, SLIGHT BR INST. NO. 96716

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

NOTES CHKD [illegible] DATE 7-1-72

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER 94°
NOTES BY G.E. DREIER DATE 7-27-72 TIME 11:05 TO 11:40 INST. NO. 96716
INDEXED L.M. PALMERI DATE AUG 31 '72 NOTES CHKD DATE ROD NO. 713A-B
F.B. 2425 Pg. 121

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 110-2A TO B.M. 110-3A
B.M. 110-2A			259			173	B.M. 110-2A
1	220 078	521 5	181 78	135 109	4365	97 76	PALMDALE BLVD. & DIVISION ST. & INT.
							SEE F.B. 2425-8
2	157 149	458 5	193 121 72	235 971	5365	272 198 74	
			150			150	T J. MALDONADO
3	82 778	383 5	119 45 74	192 220	4935	232 152 80	
			224			230	
4	117 742	418 5	156 78 78	175 753	4765	211 139 72	
			302			302	
5	143 164	444 5	180 106 74	141 096	4425	179 103 76	
			376			378	
6	203 971	504 5	236 170 66	135 847	4365	168 102 66	
			442			444	
7	169 571	470 5	186 152 34	163 812	4635	177 147 30	
			476			474 ✓	
B.M. 110-3A						476	B.M. 110-3A
	1094 453 ✓			1178 808 ✓		950	PALMDALE BLVD & 5TH ST. WEST, S.W. COR
				1094 453			SEE F.B. 2424-15
				- 84 355 ✓			

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. 110-3A TO B.M. 110-2A
B.M. 110-3A									B.M. 110-3A
1	186	050	487 5	222 150 72	216	038	517 5	252 180 72	PALMDALE BLVD. & 5th ST. WEST
									SEE F.B. 3724-15
2	126	149	427 5	162 90 72	189	920	490 5	225 153 72	
3	190	942	491 5	229 151 144 78	137	708	438 5	176 ~~498~~ 144 78	
									⊼ R. SIEMANN
4	200	320	501 5	240 160 222 80	112	798	413 5	154 70 222 84	
5	258	770	559 5	293 223 302 70	110	721	411 5	142 78 306 64	
6	116	855	417 5	150 82 372 68	180	700	481 5	211 149 370 62	
7	187	526	488 5	203 171 440 32	234	422	535 5	255 213 432 42	
				472				474	
B.M. 101-2A								472	B.M. 101-2A
	1266	612			1182	307		946	PALMDALE BLVD. & DIVISION ST.
	1182	307							SEE F.B. 2425-8
	+84	305							

F.B. 2425 PG. 128

JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-17-72

INDEXED T. M. PALMERI DATE

79°

WEATHER CLEAR, LT. BR. INST. NO. 96716

TIME 9:40 TO 10:10 ROD NO. 1713A-S

NOTES CHKD. RCB DATE 7-7-72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 110-3A TO B.M. 110-4
B.M. 110-3A									B.M. 110-3A
1	162	189	463 5	196 / 128 68	181	025	482 5	216 / 146 70	PALMDALE BLVD. & 5th ST. WEST, S.W. COR.
									SEE F.B. 3724-15
2	148	914	449 5	185 / 111 74	145	357	446 5	182 / 108 74	
				142				~~74~~ 144	⊼ G.E. DREIER
3	177	287	478 5	211 / 143 68	168	619	469 5	201 / 135 66	
				210				210	
4	139	914	440 5	174 / 104 70	180	262	481 5	216 / 144 72	
				280				282	
5	141	019	442 5	178 / 104 74	138	020	439 5	175 / 101 74	
				354				356	
6.	216	190	517 5	233 / 199 34	163	684	464 5	179 / 147 32	
				388				388	
BM. 110-4								388	B.M. 110-4
	985	513			976	967		776	PALMDALE BLVD. & AVE "Q"
	976	967							SEE F.B. 2425-10
+	8	546							

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 7-27-72

INDEXED L.M. PALMERI DATE AUG 31 '72

WEATHER LT. WIND CLEAR INST. NO. 96716

TIME 11:40 - 12:00 ROD NO. 1713A-B

NOTES CHKD [illegible] DATE [illegible]

96°

F.B. 2425 PG. 129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 9[illegible] ROD NO. 173A-2 DATE 9-7-72

WEATHER CLEAR T=78° TIME 9:20 – 9:40 NOTES CHKD K&B

F.B. 2425 PG. 130 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E. Dreier NOTES T. Ohashi 8-17-72

INDEXED L.M. PALMERI DATE

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 110-4 TO B.M. 110-3A
B.M. 110-4							B.M. 110-4
							PALMDALE BLVD. & AVE "Q"
							SEE F.B. 2425-10
1	138 540	439 5	168 / 108 60	207 297	508 5	237 / 177 60	
2	181 945	482 5	249 / 173 76 136	137 762	438 5	175 / 99 76 136	℄ G.E. DREIER
3	188 388	489 5	225 / 151 74 210	155 673	456 5	192 / 118 74 210	
4	142 064	443 5	189 / 113 76 286	172 218	473 5	209 / 135 74 284	
5	171 550	472 5	209 / 131 78 364	143 923	444 5	182 / 104 78 362	
6	162 706	463 5	176 / 148 28 392	176 597	477 5	190 / 162 28 390	
						392	
B.M. 110-3A						782	B.M. 110-3A
	985 193			993 470			PALMDALE BLVD & 5TH ST. W. S.W. COR
				985 193			SEE F.B. 3724-15
				8 277			

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. 2425 PG. 131

SURVEY BY G. E. DREIER — WEATHER CLEAR T= 96° — INST. NO. 96716

NOTES BY T. OHASHI — DATE 7-27-72 — TIME 1:10 - 1:30 — ROD NO. 17134 18

INDEXED T. M. PALMERI — DATE AUG 31 '72 — NOTES CHKD — DATE 9

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 110-4 TO B.M. 110-5
B.M. 110-4							B.M. 110-4
1	296.998	597.5	296 / 277 38	60.236	361.5	79 41 38	PALMDALE BLVD. & AVE. Q
							SEE F.B. 2425-10
2	273.110	574.5	296 / 250 46	184.107	485.5	207 / 161 46	
			84			84	↑ G. E. DREIER
B.M. 110-5						84	
	570.108			244.343		168	B.M. 110-5
	244.343						PALMDALE BLVD. & 10TH ST. W.
							SEE F.B. 2425-10
	+325.765						

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.110-5 TO BM.110-4
BM.110-5									BM.110-5
~~1~~	~~59~~	~~597~~	~~360~~	~~5~~	~~91~~ ~~27~~	~~64~~	~~198~~	~~573~~	~~499~~ ~~5~~ ~~230~~ ~~166~~ ~~64~~ PALMDALE BLVD. & 10TH ST. W
									SEE F.B. 2425-10
~~2~~	~~89~~	~~035~~	~~390~~	~~5~~	~~123~~ ~~55~~	~~68~~ ~~138~~	~~269~~	~~283~~	~~570~~ ~~5~~ ~~302~~ ~~236~~ ~~66~~ ~~130~~ ⊼ G.E. DREIER
1	153	900	454	5	178 128	50	284	364	585 5 308 260 48
2	50	810	351	5	71 29	42 92	246	209	547 5 267 225 42 90
BM 110-4									92
	204	710					530	573	182 B.M. 110-4
							204	710	PALMDALE BLVD & AVE "Q"
							325	863	SEE F.B. 2425-10

F.B. 2425 PG. 132 JOB NO. 030102

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

SURVEY BY G.E. DREIER NOTES T. OHASUI 8-17-72

INDEXED T. M. PALMERI DATE

WEATHER CLEAR INST. NO. 96716

TIME 8:50 - 9:15 ROD NO. 1713488

NOTES CHKD. RGB DATE 9-7-72

T = 180°

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 WEATHER CLEAR INST. NO. 9616
NOTES BY T. OHASHI DATE 7-27-72 TIME 1:30 - 1:50 ROD NO. 7134/B
INDEXED L.M. PALMERI DATE AUG 31 72 NOTES CHKD DATE
T = 96°
F.B. 2425 PG. 133

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM.110-5 TO B.M.110-5A
B.M.110-5							B.M 110-5
1.	95 209	396 5	127/125 64	249 209	550 5	281/197 64	PALMDALE BLVD & 10TH ST W.
							SEE F.B. 2425-10
2.	114 372	412 5	66/74 130	114 871	415 5	66/82 64	
						128	⊼ G.E. DREIER
3.	243 415	544 5	275/211 64	82 437	383 5	113/51 62	
			194			190	
4	228 999	529 5	257/199 58	79 230	380 5	108/50 58	
			252			248	
5	175 088	476 5	183/167 16	53 725	354 5	41/25 16	
			268			264	
BM.110-5A						268	B.M.110-5A
	854 143			579 472		532	10TH ST W. & YUCCA TREE ST
	579 472						SEE F.B. 2425-11
	+274 671						

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. 110-5A TO B.M 110-5
B.M. 110-5A									B.M 110-5A
1	10	743	311 5	1/2 25/10 30	210	784	511 5	224/196 28	10TH. ST. W. & YUCCA TREE ST.
									SEE F.B. 2425-11
2	85	635	386 5	121/49 72	258	776	559 5	294/222 72	
				102				100	⊼ G.E. DREVER
3	65	688	366 5	100/30 70	160	271	461 5	196/124 72	
				172				172	
4	295	227	596 5	1/2 295/255 80	102	054	403 5	1/2 142/102 80	
				252				252	
B.M. 110-5								252	B.M. 110-5
	457	293			731	885		504	10TH. ST. W. & PALMDALE BLVD
					457	293			SEE F.B. 2425-10
					274	592			

F.B. 2425 PG. 134 JOB NO. 0301.02

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

SURVEY BY G.E. DREVER NOTES T. OHASHI 8-17-72

INDEXED T. M. PALMERI DATE

WEATHER CLEAR TE 76° INST. NO. 9676

TIME 8:40 - 8:45 ROD NO. 1703A3B

NOTES CHKD RGB DATE 8-7-72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM. 110-5A TO B.M. 110-6
BM.110-5A 1	59.597	360 5	91 27 .64	198.573	499 5	230 166 .64	B.M. 110-5A 10th ST. WEST, & YUCCA TREE ST. SEE F.B. 2425-11
2.	89.035	390 5	123 55 .68 132	269.283	570 5	302 236 .66 170	⊼ G.E. DREIER
3.	137.785	438 5	153 121 .32 164	202.861	503 5	218 186 .32 162	
BM.110-6						164	B.M. 110-6 (1/4 SEC. COR 21, 22)
	286.417			670.717		326	10TH. ST. W & BEECHDALE DR. SEE F.B. 2425-11
				286.417			
				-384.300			

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 7-27-72

INDEXED L. M. PALMERI DATE AUG 31 72

WEATHER CLEAR LT. BREEZE T=100°

TIME 1:50 - 2:10

NOTES CHKD [illegible]

INST. NO. 96716

ROD NO. 1713A-B

DATE [illegible]

F.B. 2425 PG. 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 110-6 TO B.M. 110-5A
B.M. 110-6									B.M. 110-6
1	257	467	558 5	294 220 74	69	747	370 5	106 32 74	10th ST. WEST, & BEECHDALE DR. SEE F.B. 2425-11
2	286	185	587 5	1/2 286 244 84	89	703	390 5	130 48 82	
				158				156	⊼ G.E. DREIER
B.M. 110-5A								158	
	543	652			159	450		314	B.M. 110-5A
	159	450							10TH. ST. W & YUCCA TREE ST. SEE F.B. 2425-
	+384	202							

F.B. 2425 PG. 136 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 8-17-72

INDEXED I. M. PALMERI DATE

WEATHER T=76° CLEAR INST. NO. 96716

TIME 8:35-8:40 ROD NO. 1713A-B

NOTES CHKD [illegible] DATE 9-7-72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 110-6 TO B.M. 110-6A
B.M. 110-6	119 761	420 5	185 54	212 322	513 5	239 185 54	B.M. 110-6
l							10TH ST. W. & BEECHDALE DR.
							SEE F.B. 2425-11
B.M. 110-6A				119 761		54	
				-92.561		108	B.M. 110-6A
							10th ST. W. & BEECHDALE DR.
							SEE F.B. 2425-11

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

SURVEY BY G.E. DREIER WEATHER CLEAR-LT. BREEZE INST. NO. 96116

NOTES BY T. OHASHI DATE 7-27-72 TIME 2:10 - 2:15 ROD NO. 715 & B

INDEXED T.M. PALMER DATE AUG 31 72 NOTES CHKD DATE

F.B. 2425 PG. 137

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.110-6A TO B.M.110-6
B.M.110-6A									B.M.110-6A 10th ST. WEST, & BEECHDALE DR. SEE F.B. 2425-11
1	193	576	494 5	218 168 50	100	994	401 5	125 75 50	
	100	994						50	
B.M.110-6 +	92	582						100	⊼ G.E. DREIER B.M.110-6 10th ST. WEST & BEECHDALE DR SEE F.B. 2425-11

F.B. 2425 PG. 138 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES T. OWASH 8-17-72

INDEXED T. M. PALMERI DATE

WEATHER CLEAR T= 76° INST. NO. 96716

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

NOTES CHKD RGB DATE 8-7-72

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER LT BR. CLEAR INST. NO 9671 6
NOTES BY G.E. DREIER DATE 7-27-72 TIME 2:15 TO 2:40 ROD NO 7131-B
INDEXED T. M. PALMERI DATE AUG 31 '72 NOTES CHKD DATE
99°
F.B. 2425 PG. 137

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.110-6A TO B.M.110-7
B.M.110-6A			90			124	B.M.110-6A
1	55246	3565	20 70	89 892	390 5	54 70	10th ST. W. & BEECHDALE DR.
			175			204	SEE F.B. 2425-11
2	143 221	4445	111 64	172 688	473.5	140 64	
			141 134			294 134	
3	109 173	410 5	77 64	294 660	595 5	262 64	℄ T. OHASHI
			147 198			181 198	
4	12 491	313 5	½12 70	145 509	446.5	109 72	
			100 268			247 270	
5	72 125	373 5	44 56	219 433	520 5	191 56	
			150 324			222 326	
6	131 820	432 5	112 38	205 560	506 5	188 34	
			362			360	
B.M.110-7						362	B.M.110-7
	524076			1127 742		722	10th ST. WEST & AVE. P
				524076			SEE F.B. 2425-12
				603 666			

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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. 2425 Pg. 140 JOB NO. 030102

SURVEY OF L.A.Co. PRECISE

SURVEY BY DREIER NOTES DREIER 8-16-72

INDEXED M. PALMERI DATE

WEATHER CLEAR 92° INST. NO. 96716

TIME 2:30 TO ROD NO. 1713A-B

NOTES CHKD DATE 9-22-72

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 110-7 TO B.M. 110-6A
B.M. 110-7							B.M. 110-7
1	217.620	518 5	249 185 64	94 253	395 5	126 62 64	10th ST. WEST & AVE. P
							SEE F.B. 2425-12
2	250 395	550 5	278 222 56	167 590	468 5	196 138 58	
3	225 219	526 5	254 196 58 120	24 770	325 5	152 24 56 122	T. OHASHI
4	261.000	562 5	292 230 62 178	110 630	411 5	141 79 62 178	
5	178 680	479 5	204 152 52 240	156 753	457 5	182 130 52 240	
6	59 712	360 5	93 25 68 292	35 275	336 5	70 0 70 292	
			360			362	
B.M. 110-6A						360	B.M. 110-6A
	1192.626			589 271		722	10th ST. WEST & BEECHDALE DR.
	589 271						SEE F.B. 2425-11
	603 355						

76P526 CE # 308 3-61

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403 Los Angeles County Engineering Bldg.

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NAME OF PERSON MAKING CHANGE

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER CLEAR, LT BR. INST. NO 26716
NOTES BY G. E. DREIER DATE 8-17-72 TIME 1120 TO ROD NO 11731-B
INDEXED M. PALMERI DATE AUG 31 72 NOTES CHKD DATE
F.B. 2425 PG. 141

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM-110-7 TO B.M. 110-6A
B.M 110-7							B.M. 110-7
1	202 273	503 5	231 / 173 58	102 441	403 5	130 / 74 56	10th ST. WEST & AVE. P
							SEE F.B. 2425-12
2	253 297	554 5	286 / 220 66	141 ~~296~~ 422	442 5	174 / 108 66	
3	244 540	545 5	275 / 213 62 / 124	19 696	320 5	49 / ½ 19 60 / 122	RERUN
							BY T. OHASHI
4	257 770	558 5	286 / 228 58 / 186	130 563	431 5	161 / 99 62 / 182	
5	168 193	469 5	201 / 135 66 / 244	195 103	496 5	228 / 162 66 / 244	
6	132 307	433 5	156 / 108 48 / 310	65 530	366 5	89 / 41 48 / 310	
			358 /			358 /	
B.M. 110-6A						358 / 716	B.M. 110-6A
	12 58 380 /			654 755 /			10th ST. WEST & BEECHDALE DR.
	654 755						SEE F.B. 2425-11
	+ 603 625 /						

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 114° F.B. 2425 Pg. 143
SURVEY BY G.E. DREIER WEATHER CLEAR CALM INST. NO 96716
NOTES BY G.E. DREIER DATE 7-28-72 TIME 1:35 TO 2:05 ROD NO 7134-8
INDEXED L.M. PALMER DATE AUG 31 '72 NOTES CHKD DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.110-7 TO B.M.110-8
B.M.110-7							B.M.110-7
1	158303	459 5	190 126 64	188 800	489.5	221 155 66	10th ST. WEST & AVE. P
							SEE F.B. 2425-12
2	111 673	412 5	144 78 66	175 974	476 5	210 140 70	
3	120 577	421 5	153 87 66	172 831	473.5	202 142.60	T T. OHASHI
4	80482	381 5	120 40 80	196 633	497.5	234 158 76	
5	103315	404 5	138 68 70	199 269	500 5	232 166 66	
6	99 655	400 5	132 66 66	230 765	531 5	267 193 74	
			346 412			412 824	
B.M.110-8							B.M.110-8
	674005			1164 272			10th ST. WEST & AVE O-8
				674 005			SEE F.B. 2425-13
				490267			

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

Do not extend notes this side of this line.

F.B. 2425 PG. 144 JOB NO 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-16-72

INDEXED T. M. PALMERI DATE

WEATHER CLEAR, LT. BRE. INST. NO 96716

TIME 1:30 ROD NO 173A-8

NOTES CHKD KOS DATE 9-7-72

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 110-8 TO B.M. 110-7
B.M. 110-8							B.M. 110-8
1	245 550	546 5	277 213 64	102 013	403 5	135 69 66	10th ST. WEST & AVE. O-8
							SEE F.B. 2425-13
2	209 353	510 5	243 175 68	122 788	423 5	156 88 68	
3	188 877	489 5	220 156 64 132	118 826	419 5	149 87 62 134	↑ T. OMASHI
4	206 469	507 5	239 173 66 196	120 620	421 5	153 87 66 196	
5	182 027	483 5	214 150 64 262	119 739	420 5	150 88 62 262	
6	154 490	455 5	175 133 42 326	131 112	432 5	151 111 40 324	
7	173 192	474 5	195 151 44 368	155 ~~456~~ 110	456 5	179 131 48 364	
			412 ✓			412 ✓	
B.M. 110-7	1359958			870208 ✓		824	B.M. 110-7
	870208						10th ST. WEST & AVE. P
	+489 450 ✓						SEE F.B. 2425-12

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR, LT. BREEZE INST. NO. 26776
NOTES BY G.E. DREIER DATE 8-17-72 TIME 12:00 TO 12:45 ROD NO. 7134-B
INDEXED L.M. PALMER DATE AUG 31 72 NOTES CHKD. DATE
F.B. 2425 Pg. 145

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 110-7 TO BM. 110-8
B.M. 110-7									B.M. 110-7
1	161	355	462 5	191 131 60	188	464	489 5	219 157 62	10th ST. WEST & AVE. P
									SEE F.B. 2425-12
2	123	172	424 5	157 89 68	182	440	483 5	217 147 70	
				128				132	RERUN
3	114	143	415 5	146 82 64	189	607	490 5	221 157 64	T. OHASHI
				192				196	
4	118	928	419 5	151 85 66	207	400	508 5	241 173 68	
				258				264	
5	115	458	416 5	148 82 66	190	740	491 5	223 157 66	
				324				330	
6	124	870	425 5	148 100 48	197	880	498 5	218 176 42	
				372				372	
7	134	463	435 5	154 114 40	225	826	526 5	246 204 42	✓
				412 ✓				414	
								412	B.M. 110-8
B.M. 110-8								826	10th ST. WEST & AVE. O-8
	892	389 ✓			1382	357 ✓			SEE F.B. 2425-13
					892	389			
					489	968 ✓			

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F.B. 2425 PG. 146 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 8-17-72
INDEXED J. M. PALMER DATE
WEATHER CLEAR, SLIGHT BR INST. NO 26716
TIME 12:45 TO 1:20 ROD NO 113A-B
NOTES CHKD C&S DATE 9-7-72
87°

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 110-8 TO B.M. 110-7
B.M. 110-8							B.M. 110-8
1	246 649 (52)	5475	280 / 212 / 68	102 552	403 5	134 / 70 / 64	10th ST. WEST & AVE. O-8
							SEE F.B. 2425-13
2	233 864	5345	269 / 197 / 72	137 645	438 5	173 / 101 / 72	
							RERUN
3	179 070	4805	212 / 146 / 66 / 140	106 410	407 5	142 / 70 / 72 / 136	T. OHASHI
4	202 000	5035	239 / 165 / 74 / 206	108 300	409 5	145 / 71 / 74 / 208	
5	179 229	4805	212 / 146 / 66 / 280	131 721	432 8	164 / 98 / 66 / 282	
6	175 712	4765	209 / 141 / 68 / 346	139 712	440 5	172 / 166 / 66 / 348	
			414			414 / 414	
B.M. 110-7						828	B.M. 110-7
	1216 512			726 340			10th ST. WEST & AVE. P
	726 340						SEE F.B. 2425-12
	+490 172						

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 112°
SURVEY BY G.E. DREIER WEATHER CLEAR-CALM INST. NO 9671G
NOTES BY G.E. DREIER DATE 7-28-72 TIME 2:05 TO 2:30 ROD NO 7734-B
INDEXED T. M. PALMER DATE AUG 31 72 NOTES CHKD DATE
F.B. 2425 PG. 147

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM B.M. 110-8 TO B.M. 110-9
B.M. 110-8			165				249	B.M. 110-8
1	125 892	426.5	85 80	.80	209 461	510.5	169 80	10th ST. WEST & AVE. O-8
			80				254	SEE F.B. 2425-13
2	101 139	402.5	134 68	66	218 140	519.5	182 72	
				146			230 152	
3	115 042	415.5	148 80	68	198 323	499.5	166 64	T J. MALDONADO
			132	214			249 216	
4	96 515	392.5	60	72	212 378	513.5	175 74	
			182	286			259 290	
5	143 911	444.5	104	78	222 768	523.5	185 74	
				364			241 364	
6	111 920	412.5	137 85	52	215 202	516.5	189 52	
				416			416	
							46	B.M. 110-9
B.M. 110-9							832	10th ST. WEST & AVE. O
	693 419				1276 272			SEE F.B. 2425-14
					693 419			
					582 853			

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 110-9 TO B.M. 110-8
B.M. 110-9									B.M. 110-9
1	253	880	554 5	293 213 80	83	161	384 5	123 43 80	10th ST. W. & AVE. O SEE F.B. 2425-14
2	171	951	472 5	205 137 68 148	113	869	414 5	147 79 68 148	
3	209	199	510 5	243 175 68 216	120	247	421 5	153 87 66 214	⊼ R. SIEMANN
4	217	488	518 5	252 182 70 286	104	006	405 5	140 ~~405~~ 68 72 286	
5	218	691	519 5	252 184 68 354	108	210	409 5	142 74 68 354	
6	205	149	506 5	234 176 58 412	164	251	465 5	194 134 60 414	
B.M. 110-8								412	B.M. 110-8
	1276	358			693	744		826	10th ST. WEST & AVE. O-8 SEE F.B. 2425-13
	693	744							
	+582	614							

F.B. 2425 PG. 148 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 8-16-72

INDEXED J. M. PALMERI DATE

WEATHER CLEAR, LT. BR. 84° INST. NO. 96716

TIME 11:35 TO ROD NO. 1713AB

NOTES CHKD RCB DATE 9-7-72

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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NAME OF PERSON MAKING CHANGE

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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 8-15-72 TIME 10:00 TO 10:25 ROD NO 1734-B
INDEXED M. PALMERI DATE AUG 31 72 NOTES CHKD DATE
WEATHER CLEAR - BREEZY 85° INST. NO 26716
F.B. 2425 Pg 49

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 110-9 TO B.M. 110-10
B.M. 110-9									B.M. 110-9
				261				169	10th ST. W. & AVE. O
1	220	298	521 5	179 82	128	094	429 5	87 82	SEE F.B. 2425-14
				216				161	
2	173	660	474 5	130 86	119	788	420 5	77 84	
				221 168				170 166	
3	178	682	479 5	135 86	128	373	429 5	86 84	
				153 254				147 250	T A. GOBLE
4	116	443	417 5	79 74	110	717	411 5	73 74	
				217 328				150 324	
5	183	182	484 5	149 68	114	422	415 5	78 72	
				155 396				175 396	
6	141	992	442 5	127 28	161	505	462 5	147 28	
				424				424	
B.M. 110-10								424	B.M. 110-10
	10	14257			762	899		848	AVE. O & 15th ST. WEST
	762	899							SEE F.B. 2425-15
	+251	358							

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F.B. 2425 Pg. 150 | JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 8-16-72
INDEXED T. M. PALMER DATE

WEATHER CLEAR, SLIGHT BR. 82° INST. NO 96716
TIME 11:10 TO 1:35 ROD NO 1713A-B
NOTES CHKD KB DATE 9-7-72

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.110-10 TO B.M.110-9
B.M.110-10									B.M.110-10
1	164	725	465 5	198 / 130 68	196	610	497 5	233 / 159 74	AVE. O & 15th ST. WEST
									SEE F.B. 2425-15
2	111	598	412 5	146 / 76 70	166	087	467 5	199 / 133 66	
3	176	262	477 5	211 / 141 70	167	459	468 5	202 / 132 70	π A. GOBLE
4	120	462	421 5	157 / 83 74	190	097	491 5	227 / 153 74	
5	148	672	449 5	182 / 114 68	169	997	470 5	203 / 135 68	
6	133	387	434 5	168 / 98 70	215	768	516 5	249 / 181 68	
				420				420	
B.M.110-9								420	B.M.110-9
	855	106			1106	018		840	10th ST. WEST & AVE. O
					855	106			SEE F.B. 2425-14
					-250	912			

76P526 CE # 308 3-61

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NAME OF PERSON MAKING CHANGE

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER CLEAR INST. NO. 9676
NOTES BY G. E. DREIER DATE 8-18-72 TIME 9:40 TO 1:05 ROD NO. 1734-B
INDEXED L. M. PALMERI DATE AUG 31 72 NOTES CHKD. DATE
F.B. 2425 Pg. 151

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 110-9 TO B.M. 110-10
B.M. 110-9							B.M. 110-9
1	210 607	511 5	250 170 80	120 507	421 5	160 80 80	10th ST. WEST & AVE. O
							SEE F.B. 2425-14
2	166 355	467 5	200 132 68	126 445	427 5	160 92 68	
3	180 818	481 5	218 142 76 148	132 101	433 5	170 94 76 148	RERUN
							T A. GOBLE
4	168 493	469 5	204 132 72 224	201 248	502 5	238 164 74 224	
5	215 213	516 5	251 179 72 296	124 450	425 5	159 89 70 298	
6	152 840	453 5	173 131 42 368	138 732	439 5	160 116 44 368	
			40			41 2 / 40	
B.M. 110-10						822	B.M. 110-10
	1094326 /			843 483 /			AVE. O & 15th ST. WEST
	843483						SEE F.B. 2425-15
	+250843 /						

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED 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
SURVEY BY G.E. DREIER WEATHER CLEAR, LT. BR 80°
NOTES BY G.E. DREIER DATE 8-15-72 TIME 10:25 TO 10:50 INST. NO. 2676
INDEXED T. M. PALMERI DATE AUG 31 '72 NOTES CHKD [illegible] DATE [illegible] ROD NO. 12734-8
F.B. 2425 P. 53

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.110-10 TO B.M.110-11
B.M 110-10									B.M.110-10
1	196	762	497 5	225 167 58	87488		3885	116 58 58	AVE. O & 15th ST. W.
									SEE F.B.2425-15
2	242	555	543 5	282 202 82 140	93002		3945	133 53 80	
3	177	047	478 5	216 138 78	158	980	4595	196 120 76 138	T A. GOBLE
4	154	445	455 5	190 118 72 218	129	397	4305	166 92 74 214	
5	157	382	458 5	194 120 74 290	127	838	4285	164 90 74 288	
6	158	982	459 5	184 132 52 364	125	673	4265	151 99 52 362	
7	142	252	443 5	153 131 22 416 438	125	374	4265	138 112 26 414 440	
B.M.110-11								438 878	B.M.110-11
	1229	425			847	752			AVE. O & 20th ST. WEST
	847	752							SEE F.B.2425-16
+	381	673							

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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. 110-11 TO B.M. 110-10
B.M. 110-11									B.M. 110-11
1	147	807	448 5	180 114 66	187	293	488 5	222 152 70	AVE. O AND 20th ST. WEST SEE F.B. 2425-16
2	134	880	435 5	170 98 72	165	617	466 5	203 127 76	
3	139	205	440 5	175 103 138 72	167	217	468 5	198 136 146 62	
~~5~~ 4	149	218	450 5	184 114 210 70	165	322	466 5	200 130 208 70	⊼ A. GOBLE
~~6~~ 5	124	165	425 5	158 90 280 68	211	892	512 5	246 176 278 70	
6	64	842	365 5	104 24 348 80	244	063	545 5	284 204 348 80	
				428				428	
B.M. 110-10								428	B.M. 110-10
	760	117			1141	404		856	AVE. O & 15th ST. WEST SEE F.B. 2425-15
					760	117			
					381	287			

F.B. 2425 PG. 154 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 8-16-72

INDEXED I. M. PALMER DATE

WEATHER CLEAR - CALM INST. NO. 96716

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

NOTES CHKD. RGB DATE 9-7-72

85°

76P526 CE # 308 3-61

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403 Los Angeles County Engineering Bldg.

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

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

SURVEY BY G.E. DREIER WEATHER CLEAR, LT BR. INST. NO. 26716

NOTES BY G.E. DREIER DATE 8-18-72 TIME 10:05 TO 10:30 ROD NO. 1213 A-B

INDEXED L.M. PALMERI DATE 8-31-72 NOTES CHKD [illegible] DATE 9-11-72

F.B. 2425 Pg. 55

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 110-10 TO B.M. 110-11
B.M. 110-10									B.M. 110-10
1	204	222	505 5	235 173 62	72	233	373 5	104 40 64	AVE. O & 15th ST. WEST
2	230	955	531 5	268 192 76	98	910	399 5	138 58 80	SEE F.B. 2425-15
3	171	908	472 5	206 136 70	159	352	460 5	195 123 72	RERUN T. A. GOBLE
4	166	649	467 5	208 262 130 70	143	357	444 5	174 112 62	
5	168	377	469 5	278 199 137 62	140	485	441 5	172 108 64	
6	169	046	470 5	340 199 139 60	128	851 743 188	429 5	157 99 58	
7	155	322	456 5	400 171 139 32	141	510	442 5	158 124 34	
				432				484 432	
B.M. 110-11	1266	419			884	698		866	B.M. 110-11
	884	698							AVE. O & 20th ST. WEST
	+381	721							SEE F.B. 2425-16

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. 110-11 TO B.M. 110-10
B.M. 110-11									B.M. 110-11
1	147	390	448 5	181 113 68	192	222	493 5	228 156 72	AVE. O & 20th ST. WEST
									SEE F.B. 2425-16
2	145	688	446 5	183 107 76	172	462	473 5	210 134 76	
3	142	093	443 5	176 108 144 68	168	850	469 5	204 132 148 72	RERUN
									⊼ A. GOBLE
4	147	108	448 5	181 113 212 68	160	782	461 5	189 131 220 58	
5	106	373	407 5	147 65 280 82	218	183	519 5	250 176 278 84	
6	66	551	367 5	100 32 362 68	224	464	525 5	258 190 362 68	
				430				430	
								430	
	755	203			1136	963		860	
B.M. 110-10					755	203			B.M. 110-10
					381	760			AVE. O & 15th ST. WEST
									SEE F.B. 2425-15

F.B. 2425 PG. 156

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-18-72

INDEXED T. M. PALMERI DATE

WEATHER CLEAR, LT. BR. INST. NO. 96716

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

NOTES CHKD. [illegible] DATE 9-7-72

84°

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 110-11 TO B.M. 110-12
B.M. 110-11									B.M. 110-11
1	31	833	332 5	61 ½ 31 60	239	820	540 5	268 210 58	AVE. O & 20th ST. WEST
									SEE F.B. 2425-16
2	59	330	360 5	95 23 72	239	892	540 5	275 203 72	
				132				130	
3	75	780	376 5	110 40 70	227	780	528 5	262 192 70	T. OHASHI
				202				200	
4	78	300	379 5	113 43 70	214	350	515 5	249 179 70	
				272				270	
5	93	091	394 5	126 60 66	209	915	510 5	243 176 66	
				338				336	
6	67	598	368 5	106 28 78	232	150	533 5	272 192 80	
				416				416	
B.M. 110-12								416	B.M. 110-12
	405	932			1363	907		832	20th ST. WEST & AVE N-8
					405	932			SEE F.B. 2425-17
					-957	975			

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

SURVEY BY G.E. DREIER DATE 8-15-72 WEATHER CLEAR, LT. BR. INST. NO. 96716

NOTES BY G.E. DREIER DATE 8-15-72 TIME 10:50 to 11:20 ROD NO. 1713A-B

INDEXED L. M. PALMERI DATE AUG 31 '72 NOTES CHKD. DATE

79°

F.B. 2425 PG. 157

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. 1734-B DATE 9-7-72

WEATHER CLEAR - CALM TIME 1110 TO 1040 NOTES CHKD L&S 84°

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

SURVEY BY DREIER NOTES G.E. DREIER 8-16-72

INDEXED T. M. PALMERI DATE

F.B. 2425 Pg. 158

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 110-12 TO B.M. 110-11
B.M. 110-12									B.M. 110-12
1	216	925	517 5	252 180 72	73	142	374 5	109 37 72	20th ST. WEST & AVE. N-8
									SEE F.B. 2425-17
2	214	270	515 5	246 182 64	91	088	392 5	121 61 60	
3	204	727	505 5	240 136 168 72	74	820	375 5	109 39 70	T. OHASHI
4	216	170	517 5	252 208 180 72	57	141	358 5	96 202 18 78	
5	233	050	534 5	268 280 198 70	70	092	371 5	103 280 37 66	
6	257	461	558 5	290 350 224 66	18	071	319 5	½ 53 346 ½ 18 70	
				416				416	
B.M. 110-11								416	B.M. 110-11
	342	603			384	354		832	20th ST. WEST & AVE. O
	384	354							SEE F.B. 2425-16
	958	249							

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER CLEAR, LT. BR. INST. NO. 26776
NOTES BY G.E. DREIER DATE 8-15-72 TIME 11:20 TO 11:50 ROD NO. 1234-B
INDEXED M. PALMERI DATE AUG 31 '72 NOTES CHKD DATE
F.B. 2425 Pg. 159

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 110-12 TO B.M. 110-13
B.M. 110-12			91			253	B.M. 110-12
1	59 962	360 5	27 64	223 790	5245	193 60	20th ST. WEST & AVE. N-8
			99			281	SEE F.B. 2425-17
2	64 800	365 5	29 70	247 600	548 5	213 68	
			92 134			293 128	
3	56 707	357 5	20 72	254 345	555 5	215 78	T. OHASHI
			106 206			284 206	
4	71 449	372 5	36 70	249 865	550 5	214 70	
			94 276			263 276	
5	60 865	361 5	26 68	229 835	530 5	195 68	
			127 344			253 344	
6	104 138	405 5	81 46	230 400	531 5	207 46	
			390			390	
B.M. 110-13						390	B.M. 110-13
	417 921			1435 835		780	20th ST. WEST & AVE. N
				417 921			SEE F.B. 2425-18
				1017 914			

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. 2425 Pg. 160 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES R.E. DREIER 8-16-72

INDEXED T. M. PALMER DATE

WEATHER CLEAR CALM 87° INST. NO. 96716

TIME 9:30 TO 10:10 ROD NO. 1713A-B

NOTES CHKD 2.63 DATE 9-7-72

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 110-13 TO B.M. 110-12
B.M. 110-13							B.M. 110-13
1	250 804	531 5	282 / 218 64	91 404	392 5	122 / 60 62	20th ST. WEST & AVE. N
							SEE F.B. 2425 - 18
2	236 392	537 5	269 / 203 66	60 570	361 5	92 / 28 64	
3	250 662	551 5	287 / 213 74 (130)	79 663	380 5	114 / 44 70 (126)	T. OHASHI
4	248 748	549 5	285 / 211 74 (204)	38 584	339 5	78 / 2 80 (196)	
5	241 372	542 5	274 / 208 66 (278)	75 177	376 5	108 / 42 66 (276)	
6	209 449	510 5	232 / 186 46 (344) / 390	73 870	374 5	98 / 48 50 (342) / 392	
						390	B.M. 110-12
B.M. 110-12	1437 427			419 268		782	20th ST. WEST & AVE. N-8
	419 268						
	+1018 159						

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 86°
SURVEY BY G.E. DREIER WEATHER CLEAR, LTBR. INST. NO. 26716
NOTES BY DATE 8-15-72 TIME 1100 to 1135 ROD NO. 7134-B
INDEXED T. M. PALMERI DATE 8-31-72 NOTES CHKD DATE
F.B. 2425 Pg. 161

STATION	BACKSIGHT RIGHT	MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.110-13 TO B.M.110-14
B.M.110-13									B.M.110-13
1	109	859	410 5	146 72 74	244	870	545 5	281 207 74	20th ST. WEST & AVE. N
									SEE F.B. 2425-18
2	58	999	359 5	94 22 72	235	580	536 5	272 198 74	
3	66	125	367 5	100 32 68 146	237	113	538 5	270 204 66 148	T R. SIEMANN
4	89	402	390 5	124 54 70 214	239	951	5505	286 212 74 214	
5	71	625	372 5	106 36 70 284	250	486	551 5	285 215 70 288	
6	59	119	360 5	96 22 74 354	222	810	5235	256 188 68 358	
7	159	545	460 5	168 150 18 428	136	468	437 5	146 126 20 426	
	614	674		446	1577	278		446 892	
B.M.110-14					614	674			B.M.110-14
					962	604			20th ST. WEST & AVE. M-8
									SEE F.B. 2425-19

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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. 110-14 TO B.M. 110-13
B.M. 110-14									B.M. 110-14
1	197	140	498 5	219 175 44	98	159	399 5	120 76 44	20th ST. WEST & AVE. M-8 SEE F.B. 2425-19
2	252	700	553 5	287 217 70	67	740	368 5	103 31 72	
3	250	930	551 5	286 214 72 114	80	399	381 5	116 44 72 116	⊼ R. SIEMANN
4	245	639	546 5	281 209 72 186	75	410	376 5	111 39 72 188	
5	244	659	545 5	279 209 70 258	78	105	379 5	113 43 70 260	
6	238	309	539 5	270 206 64 328	88	777	389 5	119 57 62 330	
7	188	237	489 5	201 175 26 392	166	349	467 5	180 152 28 392	
				418				420	
B.M. 110-13								418	B.M. 110-13
	1617	614			654	939		838	20th ST. WEST & AVE. N SEE F.B. 2425-18
	654	939							
	+962	675							

F.B. 2425 PG. 162 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-15-72

INDEXED I. M. PALMERI DATE

90°

WEATHER CLEAR, LT. BR. INST. NO. 96716

TIME 2:25 TO 2:55 ROD NO. 1713A-B

NOTES CHKD. R63 DATE 9-7-72

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER WEATHER 87° CLEAR LT. & R. INST. NO. 29716

NOTES BY G.E. DREIER DATE 8-15-72 TIME 1:35 TO 2:00 ROD NO. 7334-B

INDEXED L. M. PALMERI DATE AUG 31 '72 NOTES CHKD. [illegible] DATE

F.B. 2425 Pg. 163

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 110-14 TO B.M. 104-4
B.M. 110-14							B.M. 110-14
1	55 896	356 5	94 55 78	243 688	544 5	282 204 78	20th ST. WEST & AVE. M-8
							SEE F.B. 2425-19
2	68 975	369 5	104 32 72	247 121	548 5	282 212 70	
3	74 999	375 5	111 38 73 150	248 958	549 5	284 148 212 70	
							T R. SIEMANN
4	70 053	371 5	106 34 72 223	248 309	5495	285 218 211 74	
5	55 682	356 5	90 20 70 295	258 709	5595	293 292 223 70	
6	55 361	356 5	84 26 58 365 423	143 347	4445	173 362 114 59 421 423	
	380 966			1390 132		844	
B.M. 104-4				380 966			B.M. 104-4 (U.S.C.&G.S. D 489 1955)
				1009 166			AVE. M & 20th ST. WEST
							SEE F.B. 2416-126

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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

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F.B. 2425 Pg. 164 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 8-15-72
INDEXED I. M. PALMERI DATE

WEATHER CLEAR-LT. BR INST. NO. 96716
TIME 2:00 TO 2:25 ROD NO. 17134-B
NOTES CHKD [illegible] DATE 7-72

91°

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M.104-4 TO B.M.110-14
B.M.104-4							B.M.104-4
1	143 288	4445	172 114 58	57068	3585	86 28 58	AVE. M & 20th ST. WEST
2	273 620	5745	273 237 72	65 440	3665	101 29 72	SEE F.B. 2416-126
3	243309	5445	278 208 70 130	69 305	3705	104 34 70 130	T R. SIEMANN
4	253 439	5545	288 218 70 200	78 648	3795	113 43 70 200	
5	246644	5475	281 211 70 270	66 281	3675	103 29 74 270	
6	247 434	5485	284 210 74 340	88 771	3895	123 53 70 344	
7	163 820	4645	167 159 8 414	136 944	4375	140 132 8 414	
			422			422 ✓	
B.M.110-14						422	B.M.110-14
	1571554 ✓			562457 ✓		844 ✓	20th ST. WEST & AVE. M-8
	562457						SEE F.B. 2425-19
	+1009097 ✓						

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 JULY 1972
Date	Indexed T. M. PALMERI AUG 31 '72

F. B. ~~4129~~ 2425 Pg. 165

JOB NO. 0301.02

L.A. Co. PRECISE LEVEL NET

LINE NO. 104, JULY 1972 RELEVELING

DESC. REF

F.B. 2416 - 121 TO 144

F.B. 3726 - 161 TO 222

DREIER
MALDONADO
SIEMANN
OHASHI
McKNIGHT
GOBLE

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

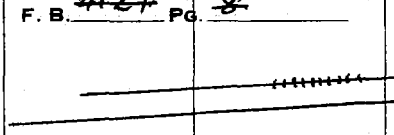
76F309S CE#310 3-69

2425 166

F. B. ~~3127~~ PG. ~~8~~

ROUTE SKETCH, LINE NO. 104

JULY 1972 RELEVELING



B.M. 101-122A
F.B. 3737-17

B.M. 104-1A
F.B. 3726-165

10th ST. W

B.M. 104-2A
F.B. 2416-124

B.M. 104-3
F.B. 2416-125

20th ST. W.

B.M. 104-4
F.B. 2416-126

B.M. 104-5
F.B. 2416-127

30th ST. W.

B.M. 104-6

B.M. 104-6A
F.B. 2416-128

35th ST. W.

B.M. 104-7
F.B. 2416-129

40th ST. W.

B.M. 104-8

B.M. 104-9
F.B. 2416-130

B.M. 104-10
F.B. 2416-131

B.M. 104-11A
F.B. 3726-189

B.M. 104-12
F.B. 2416-132

50th ST. W.

B.M. 104-13
F.B. 2416-133

B.M. 104-14

60th ST. W.

B.M. 104-14A
F.B. 2416-134

B.M. 104-15
F.B. 2416-135

B.M. 104-16
F.B. 2416-136

B.M. 104-17
F.B. 2416-137

AVE. M

AVE. L

AVE. K

AVE. J

AVE. I

B.M. 102-14
F.B. 2412-20

B.M. 102-15
F.B. 2412-21

B.M. 104-24
F.B. 2416-144

B.M. 104-23
F.B. 2416-143

B.M. 104-22
F.B. 2416-142

B.M. 104-21
F.B. 2416-141

B.M. 104-20A
F.B. 3726-208

B.M. 104-19A
F.B. 3726-209

B.M. 104-19
F.B. 2416-139

B.M. 104-18
F.B. 2416-138

70th ST. WEST

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

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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=102°

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-11-72 WEATHER HOT WIND INST. NO 96716

INDEXED T. M. PALMERI DATE AUG 31 72 TIME 1:30 TO 1:40 ROD NO 1713AB

NOTES CHKD DATE

F.B. 2425 PG. 167

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	147029	448 5	149 / 145 4	133127	434 5	160 / 106 54	54 M- 4 M= 50 M=0.20mm
2	147367	448 5	149 / 145 4	161295	462 5	188 / 134 54	54 M- 4 M= 50 M=0.20mm
	294396		8	294422		108	
	294382			040		8	
	+ 014			-0. mm			Curvature Corr.=0.40 mm
				294382		100	
				-			
	- .001 mm= "C"						
	100 / 014						
				mm= "C"			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"							
	NEAR ROD				FAR ROD			
1	146 108	447 5	148 144	4	125 850	426 5	152 98 54	54 M - 4 M = 50 M = 0.20 mm
2	152 401	453 5	154 150	4	172 698	473 5	199 145 54	54 M. - 4 M = 50 M = 0.20 mm
	298 509			8	298 548		108	
	298 508				- 040		- 8	CUR. CORR. = 0.40 mm
	001				298 508		100	
	.000 mm = "C"							
	100) 0.01							

F.B. 2425 PG. 168 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-12-72

INDEXED T. M. PALMERI DATE

T= 102

WEATHER CLEAR INST. NO. 96716

TIME 10:30 TO 10:40 ROD NO. 1713AB

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=104°

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

NOTES BY SIEMANN DATE 7-13-72 TIME 9:40 TO 9:50 ROD NO 1713AB

INDEXED L.M. PALMERI DATE 31 72 NOTES CHKD DATE

F.B. 2425 PG. 169

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	148 362	449 5	150 146 4	124 711	425 5	151 97 54	54 M- 4 M= 50 M=0.20mm
2	152 558	453 5	154 150 4	176 112	477 5	203 149 54	54 M- 4 M= 50 M=0.20mm
	300920			300923		108	
	300883		8	040			
	+ 037			-0. mm		8	Curvature Corr.=0.40 mm
				300 883		100	
				-			
	+ 004 mm= "C"						
	100/ 037						
				/ mm= "C"			

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. 2425 Pg. 170 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-14-72

INDEXED I. M. PALMERI DATE

T = 104°

WEATHER HAZY INST. NO. 9676

TIME 8:37 To 9:45 ROD NO. 71348

NOTES CHKD DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	149 595	450 5	151 147 4	173 191	474 5	200 146 54	54 M - 4 M = 50 M. = .20 mm
2	151 502	452 5	153 149 4	127 836	428 5	154 100 54	54 M - 4 M = 50 M = .20 mm
	201 097		8	201 027		108	
	200 987			040		8	CUR. CORR. = 0.40 mm
	110			200 987		100	
	+ .01 mm = "C"						
	100) 1.10						

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	153	642	454 5	155 151 4	158	197	459 5	185 131 54	54M- 4 M= 50 M=0.20 mm
2	153	948	454 5	155 151 4	149	588	450 5	176 122 54	54M- 4 M= 50 M=0.20 mm
	307	590		8	307	785		108	
	+					040 mm			
						~~0. mm~~		8	Curvature Corr.=0.40 mm
					307	745		100	
					307	590			
					-	155			
	1			mm= "C"					
					- 0.015 mm = "C"				
					100 / 1.550				

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-17-72

INDEXED L. M. PALMERI DATE AUG 31 72

WEATHER Sunny & Windy 84°

TIME 10:00

NOTES CHKD

INST. NO. 96716

ROD NO. 1713 & 8

DATE

F.B. 2425 PG. 171

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

DETERMINATION of "C"

	NEAR ROD				FAR ROD				
1	149	942	450 5	151 / 147 4	167	130	468 5	194 / 140 54	54M-4M=50M=0.20mm
2	143	150	444 5	145 / 141 4	12~~6~~5	942	426 5	152 / 98 54	54M-4M=50M=0.20mm
	293	092		8	293	072		108	
	293	032				040 mm		8	
		0.60			293	032		100	Curvature Corr: 0.40 mm

+ .006 mm = "C"

100 ⟌ 0.600

F.B. 2425 PG. 172 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-18-72

INDEXED T. M. PALMERI DATE

WEATHER Sunny & Windy TIME 9:25 NOTES CHKD

DIST. NO. 96716 ROD NO. 713A&B DATE

T = 84°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER DATE 7-19-72 WEATHER VERY WINDY INST. NO 96716

NOTES BY G.E. DREIER DATE 7-19-72 TIME 9.30 ROD NO 1713A-B

INDEXED L. M. PALMERI DATE AUG 31 72 NOTES CHKD DATE

F.B. 2425 PG. 173

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	154	030	4555	156 152 4	141	718	4425	168 114 54	54 M- 4 M= 50 M-0.20 mm
2	150	963	451 5	152 148 4	163	310	4645	190 136 54	50 M- 4 M= 50 M=0.20 mm
	304	993		8	305	028		108	
	+					040			
					-0.	mm		8	Curvature Corr.=0.40 mm
					304	988		100	
					304	993			
					-	015			

/ mm= "C"

-0.002 mm= "C"

100/0.15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	148	508	449 5	150 / 146 4	154	660	455 5	181 / 127 54	54M – 4 M = 50 M – 0.20mm
2	150	281	451 5	152 / 148 4	144	164	445 5	171 / 116 54	54M – 4 M = 50 M – 0.20mm
	298	789			298	824		108	
	298	784		8		040 mm		8	Curvature Corr. = 0.40mm
		005			298	784		100	

+ .001mm = "C"

100) 0.050

F.B. 2425 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E. Dreier NOTES Edmund 7-20-72

INDEXED T. M. PALMERI DATE Maldonado

WEATHER Dist. Hazy INST. NO. 96716

TIME 9:10-1:15 ROD NO. 713 A/B

NOTES CHKD ____ DATE ____

78° T=66°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	164 812	465 5	166/162 4	178 772	479 5	205/151 54	54 M- 4 M= 50 M-0.20 mm
2	148 976	449 5	150/146 4	135 111	436 5	162/108 54	54 M- 4 M= 50 M=0.20 mm
	313788		8	313 883		108	
				~~313 788~~			
	+			-0.40mm		8	Curvature Corr.=0.40 mm
				313 843		100	
				313 788			
				- 055			
	/		mm= "C"				
				-.006		mm= "C"	
				100 / 055			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=72°
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 7-21-72 WEATHER BREEZE-CLEAR INST. NO. 96716
INDEXED L. M. PALMERI DATE AUG 31 72 TIME 9:00-9:05 ROD NO. 1713 AEB
NOTES CHKD ____ DATE ____
F.B. 2425 PG. 175

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=85°
SURVEY BY DREIER DATE 7-25-72 TIME 9:00 WEATHER CLEAR INST. NO 9676
NOTES BY DREIER DATE 7-25-72 TIME 9:00 WEATHER CLEAR ROD NO 1134 & B
INDEXED L. M. PALMERI DATE AUG 31 '72 NOTES CHKD DATE
F.B. 2425 Pg. 171

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"						
	NEAR ROD			FAR ROD			
1	149261	450 5	151 / 147 4	132817	433 5	159 / 105 54	54 M- 4 M= 50 M-0.20 mm
2	152671	453 5	154 / 150 4	169092	470 5	196 / 142 54	M- M= M=0.20 mm
	301932		8	301909		108	
	301869			0.40 mm			
	+ 063 mm			-0. mm		- 8	Curvature Corr.=0.40 mm
				301869		100	
	+ 0,006		mm= "C"				
	100/0.63						
						mm= "C"	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

Determination of "C"

	Near Rod				Far Rod				
1	155	216	456 5	157 153 4	177	193	478 5	204 150 54	54M-4=50M=0.20mm
2	144	499	445 5	146 142 4	122	675	423 5	149 95 54	54M-4=50M=0.20mm
	299	715			299	868		108	
				8		040 mm		8	
					299	828		100	Curvature Corr.=0.40mm
					299	715			
						113			

.013 mm = "C"

100) 1.130

F.B. 2425 PG. 178 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-26-72

INDEXED T. M. PALMERI DATE

WEATHER Sunny & Calm INST. NO. 36716

TIME 10:9:15 ROD NO. 1713

NOTES CHKD DATE

T-96°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 101-122A TO B.M. 104-1A
B.M. 101-122A									B.M. 101-122A (U.S.C.&G.S. S-1219)
1	166	911	467 5	198 134 64	248	929	549 5	280 216 64	AVE. M. 250 FT. E. OF SIERRA HWY.
									FB. 3737-17
2	133	142	434 5	163 103 60	166	441	467 5	197 135 62	
				124				126	
3	167	819	468 5	201 133 68	115	099	416 5	149 81 68	
				192				194	
4	133	378	434 5	164 102 62	129	092	430 5	160 98 62	π = MALDONADO
				254				256	
5	144	789	445 5	175 113 62	107	223	408 5	137 77 60	
				316				316	
6	167	242	468 5	198 136 62	108	329	409 5	138 78 60	
				378				376	
7	167	748	468 5	197 137 60	99	008	400 5	129 69 60	
				438				436	
8	134	218	435 5	168 100 68	182	726	483 5	215 149 66	
				506				502	
B.M. 104-1A								506	B.M. 104-1A
	1215	247			1156	847		1008	AVE. M. 0.5 MI. W. OF SIERRA HWY.
	1156	847							SEE F.B. 3726-165
+	58	400							

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

SURVEY BY G.E. DREIER

NOTES BY STEMANN DATE 7-11-72

INDEXED T. M. PALMERI DATE JUL 31 72

WEATHER HOT WIND

TIME 1:45 TO 1:15

NOTES CHKD BLANCHARD DATE SEP 12 72

INST. NO. 96716

ROD NO. 1713AB

F.B. 2425 PG. 179

TE 102°

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. 2425 Pg. 180 JOB NO 0301.02
SURVEY OF L.A.CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 7-25-72
INDEXED T. M. PALMERI DATE
NOTES CHK'D BLANCHARD DATE 12-72
TIME 9:05 WEATHER CLEAR T= 85°
ROD NO 1713AB INST. NO 96716

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 104-1A TO B.M. 101-122A
B.M. 104-1A			212			167	B.M. 104-1A
1.	180.191	481.5	148 64	135.651	436 5	103 64	AVE. M. 0.5 MI. W. OF SIERRA HWY.
							SEE F.B. 3726-165
2.	122 393	423 5	158 86 72	177 422	478 5	212 142 70	
3.	106 852	407 5	145 136 67 78	191 482	492 5	229 134 153 76	T. J. MALDONADO
4.	137 570	438 5	176 214 98 78	147 892	448 5	188 210 106 82	
5.	133 800	434 5	174 292 92 82	168 383	469 5	209 292 127 82	
6.	142 268	443 5	174 374 100 64	138 940	439 5	170 374 106 64	
7.	245 144	546 5	277 438 213 64	166 742	467	198 438 134 64	
			502			502	
B.M. 101-122A						502	B.M. 101-122A (U.S.C.&G.S. S-1219)
	1068218			1126512		1004	E. OF S.P.R.R. & AVE. M
				1068218			SEE F.B. 3737-17
				- 58294			

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= 102.0
SURVEY BY PRELER WEATHER HOT WIND INST. NO 96716
NOTES BY SIEMANN DATE 7-11-72 TIME 2:20 3:00 ROD NO 17134B
INDEXED M. PALMER DATE 8 31 72 NOTES CHKD. BLANCHARD DATE 9 12 72
F.B. 2425 PG. 181

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.104-1A TO B.M.104-2A
B.M.104-1A							B.M.104-1A
1	119 422	420 5	152 86 66	123509	4245	155 91 64	AVE. M. 0.5 MI. W. OF SIERRA HWY.
							SEE F.B. 3726-165
2	120100	4215	152 88 64	191 443	492 5	222 160 62	
3	168 021	469 5	200 136 64	143868	444 5	174 112 62	
4	103810	404 5	134 72 62	185 139	486 5	215 155 60	T = MALDONADO
5	67 993	368 5	98 36 62	200 948	501 5	230 170 60	
6	144 432	445 5	175 113 62	125 592	426 5	161 89 72	
7	165 779	466 5	194 136 58	186 592	487 5	215 157 58	
B.M.104-2A						438	B.M.104-2A (SEC. COR. 33,34,3,4)
	889557			1157091		876	AVE. M & 10TH ST. W. & INT.
				889 557			SEE F.B. 2416-124
				269 534			

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. 713A2 DATE SEP 12 '72

NOTES CHKD. BLANCHARD

WEATHER WIND T= 103

TIME 2:22 TO 2:50

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES BOOKS ALG-7 - 24-72

INDEXED T. M. PALMER DATE

JOB NO. 0301.02

F.B. 2425 PG. 182

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 104-2A TO B.M. 104-1A
B.M. 104-2A							B.M. 104-2A (SEC. COR. 33, 34; 3, 4)
1	195.633	496.5	225 / 165 60	168.830	469.5	199 / 137 62	AVE. M. & 10TH ST. W. & INT.
2	155.877	456.5	190 / 120 70	156.711	457.5	190 / 122 68	SEE F.B. 2416-124
3	203.015	504.5	234 130 / 172 64	75.081	374.5	105 130 / 45 60	
4	210.566	511.5	244 192 / 176 68	132.825	433.5	167 190 / 97 70	
5	137.325	438.5	166 260 / 108 58	142.875	443.5	174 260 / 110 64	T DREIER
6	202.682	503.5	236 318 / 168 68	161.871	462.5	194 324 / 128 66	
7	109.183	410.5	134 386 / 84 50 / 436	108.570	409.5	132 390 / 84 48 / 438 / 436	
B.M. 104-1A						874	B.M. 104-1A (N. SIDE AVE "M" & 0.5 MILES W. OF SIERRA HWY)
	1265.281			946.763			SEE F.B. 3726-165
	946.763						
	+ 267.518						

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M.104-2A TO B.M.104-3
B.M.104-2A							B.M.104-2A (SEC. COR. 33, 34, 3, 4)
1	202 242	503 5	242 162 80	119 451	420 5	156 82 74	AVE. M. & 10TH ST. W. ℄ INT.
							SEE F.B. 2416-124
2	161 332	462 5	196 126 70	153 462	454 5	188 118 70	
			150			144	
3	113 677	414 5	150 76 74	213 529	514 5	250 176 74	
			224			218	
4	133 197	434 5	168 98 70	206 718	507 5	244 168 76	π = MALDONADO
			294			294	
5	139 709	440 5	177 101 76	173 358	474 5	208 138 70	
	750 157		370	866 518		364	
6	145 538	446 5	151 139 12	155 811	456 5	164 146 18	
			382			382	
B.M.104-3						382	B.M.104-3
	895 695			1022 329		764	AVE. M. & 15TH ST. W. N.E. COR.
				895 695			SEE F.B. 2416-125
				126 634			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=106°

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

NOTES BY SIEMANN DATE 7-12-72 TIME 10:40 TO 11:10 ROD NO 1713A13

INDEXED T. M. PALMERI DATE AUG 31 '72 NOTES CHKD. BLANCHARD DATE SEP 12 '72

F.B. 2425 PG. 183

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. 2425 PG. 184 JOB NO. 0301.02
SURVEY OF L.A.CO. PRECISE LEVEL NET
SURVEY BY DEEIER NOTES A.L.G. 7-20-72
INDEXED T. M. PALMER DATE
NOTES CHK'D BLANCHARD DATE SEP 12 72
WEATHER SUNNY & SLIGHT WIND INST. NO 96716
TIME 2:15 TO 2:45 ROD NO 1713AB
T: 76

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 104-3 TO BM 104-2A
BM 104-3							BM 104-3
1	166 112	467 5	202 / 130 72	131 168	432 5	168 / 94 74	AVE. M. & 15TH ST. W
							SEE F.B. 2416-125
2	201 618	502 5	235 / 167 68	126 571	427 5	158 / 94 64	
3	168 698	469 5	202 140 / 134 68	73 313	374 5	106 138 / 40 66	
4	176 ~~178~~ 342	477 5	206 208 / 146 60	151 768	452 5	181 204 / 121 60	T MALDONADO
5	150 153	451 5	181 268 / 119 62	168 976	469 5	200 264 / 136 64	
6	128 842	429 5	154 330 / 102 54 / 382	213 384	514 5	240 ~~294~~ 328 / 186 54 / 382	
BM 104-2A	991			6		382	BM 104-2A (SEE COR)
	~~999~~ 765 / ~~845 180~~			845 180 /		764	AVE M & 15TH ST W
	+ ~~246 585~~						& INT
	865 180						SEE F.B 2416-124
	+ 126 585 /						

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 M. Kato, J. Lado, G. E. Dreier DATE 7-12-72 WEATHER Sunny & Calm

NOTES BY [illegible] DATE 7-12-72 TIME 11:10 to 11:45 INST. NO. 9674

INDEXED L. M. PALMER DATE AUG 31 '72 NOTES CHKD BLANCHARD DATE SEP 12 '72 ROD NO. 23-4 FB

T-102

F.B. 2425 PG. 185

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 104-3 TO BM 104-4
BM 104-3			225			184	BM 104-3
1	191 928	492 5	157 68	149 840	450 5	114 70	Ave. M & 15th St. W. N.E. COR.
			179			158	See F.B. 2416-125
2	142 078	443 5	105 74	122 921	423 5	86 72	
			186 142			175 142	
3	149 150	450 5	112 74	137 210	438 5	99 76	T. Okashi
			174 216	5		182 218	
4	137 903	438 5	100 74	146 898	446 5	108 74	
			202 290			166 292	
5	165 462	466 5	128 74	129 630	430 5	92 74	
			203 364			157 366	
6	178 275	479 5	153 50	134 762	435 5	111 46	
			414			412	
						414	
	964796			820261		826	
	820 261						
	1144535						
BM 104-4							BM 104-4 (U.S.C.&G.S. D-489 1955)
							Ave. M & 20th St. W. by P.P. #1054573
							See F.B. 2416-126

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. 2425 Pg. 186 JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Dreier NOTES Malcolm 7-20-72
INDEXED T. M. PALMER DATE
NOTES CHK'D BLANCHARD DATE SEP 12 '72
WEATHER Sunny & Br. INST. NO. 9671
TIME 1:30 to 3:15 ROD NO. 12134
T-78°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 104-4 TO BM 104-3
BM 104-4				171				194	BM 104-4 (U.S.C.&G.S. D-489 1953)
1	143	180	444 5	115 56	166	306	467 5	138 56	Ave. M & 20th St. W. by P.P. #1054573E
				286				186	See F.B. 2416-126
2	134	995	435 5	98 72	153	978	454 5	120 66	
	1			174 128				184 122	
3	140	075	442 5	108 66	148	142	449 5	112 72	T-Ohashi
				175 194	5			180 194	
4	142	320	443 5	109 66	144	845	446 5	110 70	
				150 260				191 264	
5	117	181	418 5	84 66	159	483	460 5	127 64	
	160			187 326				201 328	
6	~~154~~	005	461 5	133 54	175	000	476 5	147 54	
				152 380	2			189 ~~378~~	382
7	138	460	439 5	124 28	173	950	473 5	155 34	
				408				~~412~~ 408	416
BM 104-3	977	216			1121	704		~~820~~ 824	BM 104-3
					977	216			Ave. M & 15th St. W. N.E.Cor.
					144	488			See F.B. 2416-125

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 BM104-4 TO BM104-5
BM104-4	42			153				189	BM104-4 (U.S.C & G.S. D-489 1955)
1	114	938	415 5	75 78	150	530	451 5	111 78	Ave. M & 20th St. W.
				190				203	See F.B. 2416-126
2	156	380	457 5	122 68	170	790	471 5	137 66	
				147 146				212 144	
3	114	224	415 5	81 66	179	860	480 5	146 66	T-Ohashi
				176 212		225		190 210	
4	147	319	448 5	118 58	162	~~282~~	463 5	134 56	
				178 270				202 266	
5	149	059	450 5	120 58	174	349	475 5	146 56	
				135 328				209 322	
6	106	512	407 5	77 58	177	280	478 5	145 64	
				200 386				76 386	
7	182	018	483 5	164 36	58	905	359 5	40 36	
				422				422	
								422	
	970	450			1073	939		844	
					970	450			
BM104-5					103	489			BM104-5
									Ave. M & 25th St. W. N.E. Cor.
									See F.B. 2416-127

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-12-72

INDEXED L. M. PALMERI DATE 31 72

WEATHER Sunny & Calm INST. NO. 96716

TIME 11:45 to 12:20 ROD NO. 1713A&B

NOTES CHKD. BLANCHARD DATE SEP 12 72

T-106°

F.B. 2425 PG. 187

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 BM104-5 TO BM104-4
BM104-5									BM104-5
1	63	242	364.5	92 34 58	154	529	455.5	182 126 56	Ave M & 25th St. W. See F.B. 2416-127
2	197	360	498.5	130 164 66	114	222	415.5	148 80 68	
3	157	943	458.5	190 124 124 66	144	089	445.5	177 111 124 66	⊼ T. OHASHI
4	151	690	452.5	184 118 190 66	118	850	419.5	151 85 190 66	
5	187	940	488.5	220 154 256 66	143	914	444.5	172 114 256 58	
6	164	448	465.5	197 ~~131~~ 322 66	151	747	452.5	183 119 314 ~~364~~	
7	147	577	448.5	166 128 388 38 426	139	445	440.5	165 113 378 52	
								430 426	B.M. 104-4
BM.104-4								856	AVE. M & 20th ST. W. SEE F.B. 2416-126
	1070200				966796				
	966796								
	+103404								

T-100°

F.B. 2425 PG. 188 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES DREIER 7-21-72

INDEXED T. M. PALMER DATE

WEATHER WINDY INST. NO. 96716

TIME 1:30 TO ROD NO. 1713A&B

NOTES CHKD. BLANCHARD DATE SEP 12 72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 104-5 TO BM 104-6
BM 104-5									BM 104-5
1.	168	479	469 5	199 137 62	138	689	439 5	168 108 60	Ave. M & 25th St. W.
									See F.B. 2416-127
2.	185	795	486 5	222 148 74 136	152	808	452 5	188 114 74 134	
3.	123	999	424 5	158 88 70 206	163	700	464 5	198 128 70 204	⊼ R. SIEMANN
4.	138	569	439 5	172 104 68 274	155	276	456 5	189 121 68 272	
5	145	280	446 5	181 109 72 346	145	730	446 5	182 108 74 346	
6.	148	982	449 5	157 139 18 364	144	100	445 5	153 135 18 364	
BM.104-6								364	B.M. 104-6 (USC&GS.) E-489)
	911	104			899	303		728	Ave. "M" & 30th St. W.
	899	303							See F.B. 2416-128
+	11	801							
				RERUN 7-25-72 10:05 10:30					TEMP = 98 CLEAR-CALM
B.M.104-5									
1	176	813	477 5	214 138 76	134	190	435 5	172 96 76	
2	200	797	501 5	244 156 88 164	192	861	493 5	235 149 86 162	
3	130	206	431 5	172 88 84 248	153	056	454 5	195 111 84 246	
4.	143	175	444 5	180 106 74 322	160	371	461 5	198 122 76 322	
5	158	022	459 5	182 134 48 370	156	176	457 5	178 134 44 368	
B.M. 104-6								370	
	809	013			796	654		736	
	796	654							
+	12	359							

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-12-72

INDEXED L. M. PALMERI DATE AUG 31 72

WEATHER Clear Dist. Hazy INST. NO. 96716

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

NOTES CHKD BLANCHARD DATE SEP 12 72

T-102

F.B. 2425 PG. 189

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. 2425 Pg. 190 JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Dreier NOTES Ontario 7-21-72
INDEXED T. M. PALMERI DATE

WEATHER Clear Lt. Wind INST. NO. 96216
TIME 1:00 - 1:40 ROD NO. 17345 12 72
NOTES CHKD BLANCHARD DATE

7 - 100°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 104-6 TO BM 104-5
BM 104-6							BM 104-6 (USC&GS. E-489)
1.	162 205	463 5	194 130 64	155 839	456 5	187 123 64	Ave. M & 30th St. W.
							SEE F.B. 2416-128
2	168 610	469 5	204 132 72 136	149 965	450 5	186 112 74 138	
3	162 972	463 5	203 121 82 218	121 107	422 5	143 79 84 222	⊼ G.E. DREIER
4	167 712	468 5	207 127 80 298	204 575	505 5	247 163 84 306	
5	156 871	457 5	190 122 68 366	198 994	499 5	228 168 60 366	
BM 104-5						366	B.M. 104-5
	818 370			830 480		732	Ave M & 25th St W.
				818 370			SEE F.B. 2416-127
				12 110			

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.104-6 TO B.M.104-6A
BM.104-6							B.M. 104-6
1	98 789	399 5	122 74 48	259 912	560 5	283 235 48	AVE "M" & 30TH ST. W.
				98 789		48	SEE F.B. 2416-128
BM.104-6A							⊼ R. SIEMANN
				161 123		96	
							B.M. 104-6A
							AVE "M" & 30TH ST. W
							SEE F.B 2416-128

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-102

SURVEY BY G.E. PREIER WEATHER Clear INST. NO. 96766

NOTES BY T. OHASHI DATE 7-12-72 TIME 2:00 ROD NO. 1713A&B

INDEXED L. M. PALMER DATE 31 72 NOTES CHKD BLANCHARD DATE 12 72

F.B. 2425 PG. 191

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 104-6A TO B.M. 104-6
BM 104-6A				271				111	BM. 104-6A
1.	247	555	548 5	223 48	86	469	387 5	61 50	Ave "M" & 30th St. W.
	86	469						48	See F.B 2416-128
	+161	086						98	
									⊼ — Goble
BM 104-6									BM 104-6
									Ave. M & 30th St. W.
									See F.B. 2416-128

T-90°

F.B. 2425 Pg. 192 JOB NO. 030602

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Dreier NOTES Maldonado 7-21-72

INDEXED I. M. PALMERI DATE

WEATHER Sunny & Br. INST. NO. 96716

TIME 2:40 to 2:45 ROD NO. 1713A&B

NOTES CHKD BLANCHARD DATE SEP 12 '72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.104-6A TO BM.104-7
BM.104-6A									BM.104-6A
1	189	469	490 5	224 / 154 70	138	~~439~~ ~~969~~ 968	439 5	122 / 104 68	AVE "M" & 30TH. ST. W
									SEE F.B. 2416-128
2.	218	532	519 5	252 / 184 68	124	859	425 5	158 / 90 68	
				138				136	
3.	149	208	450 5	184 / 114 70	221	449	522 5	253 / 189 64	⊼ R. SIEMANN
				208				200	
4	267	913	568 5	296 / 238 58	16	745	317 5	144 / 216 56	
				266				256	
5	285	645	586 5	285 / 255 60	143	890	444 5	128 / 108 70	
				326				326	
6.	50	770	351 5	83 / 77 66	194	327	495 5	227 / 161 66	
				392				392	
BM.104-7								392	B.M. 104-7
	1161	537			840	238		784	AVE "M" & 35TH ST. W.
	840	238							SEE F.B. 2416-129
+	321	299							

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

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 7-12-72

INDEXED L. M. PALMERI DATE AUG 31 72

WEATHER T=102° Clear

TIME 2:05 - 2:30

NOTES CHKD BLANCHARD DATE SEP 12 72

INST. NO. 96716

ROD NO. 1713 A&B

F.B. 2425 PG. 193

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 104-7 TO B.M. 104-6A
BM.104-7									BM.104-7
1	156	260	457 5	187 125 62	23	513	324 5	54½ 23½ 62	AVE "M" & 35TH. ST. W.
									SEE F.B. 2416-129
2	155	717	456 5	189 121 68	276	263	577 5	276½ 241½ 70	
3	8	767	309 5	130 37½ 8½ 58	244	512	545 5	132 272 216 56	⊼ - Goble
4	175	512	476 5	188 207 143 64	123	558	424 5	188 155 91 64	
5	116	988	417 5	252 145 87 58	179	501	480 5	252 208 150 58	
6	105	633	406 5	310 132 78 54	177	027	478 5	310 203 151 52	
7	151	912	452 5	364 166 136 30	167	672	468 5	362 183 151 32	
				394				394	BM 104-6A
								394	Ave. M & 30th St. W.
BM 104-6A									See F.B. 2416-128
	870	789			1182	046		788	
					9				
					870	789			
					321	257			

F.B. 2425 PG. 194 JOB NO. 030102

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

SURVEY BY Dreier NOTES Maldonado 7-21-72

INDEXED I. M. PALMER DATE

WEATHER Sunny & Br. INST. NO. 96716

TIME 2:10 to 2:40 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE SEP 12 '72

T-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=102° F.B. 2425 Pg. 195
SURVEY BY G.E. Dreier T. Ohashi WEATHER Clear, Dry, Haze INST. NO. 96716
NOTES BY T. Ohashi DATE 7-12-72 TIME 2:30 - 3:00 ROD NO. 1134 & 1
INDEXED M. Fujimeri DATE JUL 31 72 NOTES CHKD BLANCHARD DATE SEP 12 72

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 104-7 TO B.M. 104-8
B.M. 104-7							B.M. 104-7
1	44 999	345 5	48/48 8	183 700	484 5	189/178 10	Ave "M" & 35th St. W.
							See F.B. 2416-129
2	65 385	366 5	83/47 36	217 958	518 5	233/201 32	
			44			42	
3	88 859	389 5	123/53 70	181 080	482 5	214/148 66	✕ R. Siemann
			114			108	
4	156 081	457 5	191/121 70	203 780	504 5	242/174 78	
			184			186	
5	193 735	494 5	222/164 58	111 193	412 5	189/83 58	
			242			244	
6	160 449	461 5	192/128 64	166 649	467 5	200/132 68	
			306			310	
7.	63 984	364 5	99/27 72	235 220	536 5	270/200 70	
			378			380	
8.	75 745	376 5	110/40 70	244 200	545 5	279/209 70	
			448			450	
9	91 869	392 5	143/74 24	299 928	600 5	299/281 24	
			472			474	
10	127 688	428 5	131/123 8	180 189	481 5	184/176 8	
			480			482	
B.M. 104-8						480	B.M. 104-8 (USC&GS "F-489)
	1068794			2023897		962	Ave "M" & 40th St. W.
				1068794			See F.B. -
				955103			

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 RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 104-8 TO B.M. 104-7
B.M. 104-8				298				66	BM. 104-8 (use GS F-489)
1	289	415	590 5	280 18	55	568	356 5	44 22	AVE "M" & 40TH ST. W.
				232				116	SEE F.B. 2416-130
2	2~~2~~1 0	801	511 5	188 44	95	382	396 5	74 42	
				263 62				118 64	⊼ - Goble
3	231	577	532 5	199 64	86	730	387 5	54 64	
				289 126				202 128	
4	255	848	556 5	221 68	167	762	468 5	132 70	
				210 194				235 198	
5	179	722	480 5	148 62	203	633	504 5	171 64	
				142 256				131 262	
6	109	902	410 5	76 66	103	112	404 5	75 56	
				195 322				214 318	
7	163	877	464 5	131 64	184	148	485 5	154 60	
				203 386				88 378	
8	180	955	481 5	157 46	62	067	363 5	36 52	
				240 432				75 430	
9	221	662	522 5	202 38	57	400	358 5	39 36	
				146 470				21 466	
10	144	365	445 5	142 4	17	523	318 5	13 8	
				474				474	
								474	
	1988	124			1033	325		948	
	1033	325							BM 104-7
BM 104-7	1954	799							Ave. M & 35th St. W.
									See F.B. 2416-129

T - 90°

WEATHER Sunny & Breezy INST. NO. 96716

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

NOTES CHKD BLANCHARD DATE SEP 12 '72

JOB NO. 0301.02

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

SURVEY BY Dreier NOTES Maldonado 7-21-72

INDEXED J. M. PALMERI DATE

F.B. 2425 PG. 196

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.104-7 TO B.M.104-8
B.M.104 ~~1A~~									B.M.104-7
~~1~~ 7	~~149~~	~~248~~	~~450~~	~~5~~ 185 113 72	~~152~~	~~352~~	~~453~~	~~5~~ 189 115 74	AVE. M, ~~6 MI. W. OF SIERRA HWY.~~ AND 35th ST. W
~~2~~	~~110~~	~~707~~	~~411~~	~~5~~ 150 70 80 ~~152~~	~~162~~	~~698~~	~~463~~	~~5~~ 201 123 78 ~~152~~	SEE F.B. ~~372 6-165~~ 2416-129
~~3~~ 1	29	027	330	5 34 24 10	173	450	474	5 178 168 10	RERUN
~~4~~ 2	46	155	347	5 69 23 46	236	688	537	5 255 213 46	A.L. GOBLE
3	79	499	380	5 116 42 56 74	110	400	411	5 147 73 56 74	
4	115	532	416	5 153 77 130 76	170	597	471	5 206 134 130 72	
5	221	860	522	5 258 184 206 74	162	858	463	5 199 125 202 74	
6	164	418	465	5 204 124 280 80	281	043	582	5 281 240 276 82	
7	84	182	385	5 119 49 360 70	250	417	551	5 285 215 358 70	
8	102	537	403	5 122 82 430 40	278	042	579	5 299 257 428 42	
9	61 ~~278~~	278 ~~042~~	362	5 66 56 470 10	196	485	497	5 201 191 470 10	
				480				480	
	904	488			1859	980		480	
					904	488		960	
B.M.104-8					955	492			B.M.104-8 (U.S.C.&G.S. F489) AVE. M & 40th ST. W, SEE F.B. 2416-130

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 100°

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

NOTES BY G.E. DREIER DATE 7-25-72 TIME 10:45 ROD NO 1713A-B

INDEXED T. M. PALMER DATE SEP 31 72 NOTES CHKD BLANCHARD DATE SEP 12 72

F.B. 2425 PG. 197

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 2425 Pg. 198 JOB NO 0301.02

SURVEY OF L.A. Co. Precise Leveling NET

SURVEY BY Dreier NOTES Dreier 7-25-72

INDEXED L. M. PALMERI DATE

WEATHER Lt. Breeze INST. NO 7676

TIME 11:00 ROD NO 1734-B

NOTES CHKD BLANCHARD DATE SEP 12 72

98°

RERUN

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 104-8 TO BM 104-7
BM 104-8									B.M. 104-8 U.S.C. & G.S. F-489
				286				45	
1	278	567	579 5	270 16	36	008	337 5	27 18	AVE. M & 40th ST. W
				214				87	SEE F.B. 2416-130
2	188	135	489 5	162 52	61	373	362 5	36 50	
				248 68				68 68	
3	209	398	570 5	170 78	30	325	331 5	½ 30 76	REIRUN
				146				144	⊼ A.L. GOBLE
4	185	967	486 5	221 149 72	110	218	411 5	145 75 70	
				218				214	
5	94	562	395 5	131 57 74	168	279	469 5	211 125 86	
				292				300	
6	182	552	483 5	216 148 68	114	958	415 5	144 84 60	
				360				360	
7	125	130	426 5	161 89 72	79	657	380 5	115 43 72	
				432				432	
8	255	043	556 5	275 235 40	89	933	390 5	109 69 40	
				472				472	
9	178	012	479 5	182 174 8	151	442	352 5	55 47 8	
				480				480	
								480	
	1697	366	✓		742	193	✓	960	✓
BM 104-7	742	193							BM 104-7
	+955	173	✓						AVE. M & 35th ST. W.
									SEE F.B. 2416-129

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 104-8 TO BM 104-9
B.M. 104-8							B.M. 104-8 (U.S.C. & G.S. F-489)
1	31 707	332 5	38 24 14	267 777	568 5	274 260 14	AVE. M. & 40TH ST. W.
							SEE F.B. 2416-130
2	22 334	323 5	30 14 16 30	242 783	543 5	249 235 14 28	
3	9 746	310 5	1/2 23 9 28 58	240 962	541 5	255 225 30 58	π = MALDONADO
4	82 744	383 5	111 57 58 118	115 860	416 5	143 87 56 114	
B.M. 104-9						116	B.M. 104-9 (U.S.C. & G.S. G-489)
	146531			867382		230	0.1 MI. N. OF AVE. M. 0.5 MI. E. OF
				146531			QUARTZ HILL AIRPORT HANGER
				720851			SEE F.B. 2416-130

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 104°

SURVEY BY G.E. DREIER WEATHER HAZY INST. NO. 76716

NOTES BY SIEMANN DATE 7-13-72 TIME 9:50 TO 10:05 ROD NO. 1713AD

INDEXED E. M. PALMERI DATE SEP 31 '72 NOTES CHKD BLANCHARD DATE SEP 12 '72

F.B. 2425 PG. 199

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.104-9 TO B.M.104-8
1.	122	351	423 5	154 90 64	62	071	363 5	95 29 66	B.M.104-9 (U.S.C.&G.S. 6489 40th ST. W., 0.1 MI. N. OF AVE. M SEE F.B. 2416-130
2.	232	756	533 5	242 222 20	17	423	318 5	28 6 22	
				84				88	
3.	280	453	581 5	288 272 16	15	638	316 5	23 7 16	⊼ MALDONADO
				100				104	
4.	249	457	550	254 244 10	68	978	369 5	72 64 8	
				110				112	
B.M.104-8								110	B.M.104-8 (U.S.C.&G.S. F-489
	885	017			164	110		222	AVE. M. & 40th ST. W.
	164	110							SEE F.B. 2416-130
	+720	907							

T = 106°

WEATHER HAZY INST. NO. 96716

TIME 11:15 TO 11:30 ROD NO. 171340

NOTES CHK'D BLANCHARD DATE 12-12

F.B. 2425 PG. 200 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-13-72

INDEXED T. M. PALMERI DATE

76P526B CE # 506 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.104-9 TO BM104-10
B.M.104-9							B.M104-9 (U.S.C.&G.S. G-489)
1	113 018	414 5	129 97 32	250 387	551 5	266 234 32	0.1 MI. N OF AVE. M. 0.5 MI. E. OF HANGER SEE F.B. 2416-130
2	66 239	367 5	90 42 48 80	217 338	518 5	242 192 50 82	
3	76 851	377 5	107 45 62 142	230 424	531 5	262 198 64 146	π = MALDONADO
4	116 968	417 5	132 100 32 174	194 258	495 5	208 180 28 174	
BM104-10						174	B.M.104-10 (U.S.C.&G.S. H-489)
	373 076			892 407		348	QUARTZ HILL AIRPORT AT WIND SOCK. SEE F.B. 2416-131
				373 076			
				519 331			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-13-72

INDEXED M. PALMERI DATE AUG 31 '72

WEATHER HAZY INST. NO. 96716

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

NOTES CHKD. BLANCHARD DATE SEP 12 '72

T = 104°

F.B. 2425 PG 201

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.104-10 TO B.M.104-9
B.M.104-10									B.M.104-10 (U.S.C.&G.S. H-489)
1.	218	420	519 5	246 190 56	73	711	374 5	103 43 60	QUARTZ HILL AIRPORT AT WIND SOCK. SEE F.B. 2416-131
2.	217	330	518 5	246 187 59 115	43	460	344 5	73 13 60 120	
3.	179	968	480 5	206 152 54 169	66	582	367 5	93 39 54 174	π = MALDONADO
4.	210	711	511 5	216 204 12 181	123	352	424 5	126 120 6 180	
B.M.104-9								181 361	B.M.104-9 (U.S.C.&G.S. G-489) 6.1 MI. N. OF AVE. M. 0.5 MI. E. OF QUARTZ HILL AIRPORT HANGER. SEE F.B. 2416-130
	826	429			307	105			
	307	105							
	+519	324							

T=106°

WEATHER HAZY INST. NO. 86716

TIME 11:00 TO ROD NO. 1710 AD

NOTES CHKD. BLANCHARD DATE SEP 12 '72

F.B. 2425 PG. 202 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-13-72

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM B.M.104-10 TO B.M.104-11A
B.M.104-10								B.M.104-10 (U.S.C.&G.S. H-489)
1	45 149	346 5	76 14 62		206 898	507 5	236 176 60	QUARTZ HILL AIRPORT AT WIND SOCK.
								SEE F.B. 2416-131
2	184 368	485 5	215 153 62		89 546	390 5	121 57 64	
				124				124
3	212 878	513 5	240 184 56		126 239	427 5	155 97 58	⊼ = MALDONADO
				180				182
4	138 116	439 5	146 130 16		117 472	418 5	124 110 14	
				196				196
~~B.M.104-11A~~ 5	143 538	444 5	146 140 6		142 723	443 5	145 139 ~~196~~	B.M.104-11A (U.S.C.&G.S. J-189 RESET)
				202				202 QUARTZ HILL AIRPORT IN S. DOOR OF
B.M.104-11A								202 HANGER. SEE F.B. 3726-189
	724 049				682 878			404
	682 878							
	+ 41 171							

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

SURVEY BY G. EDREIER

NOTES BY SIEMANN DATE 7-13-72

INDEXED L. M. [illegible] DATE [illegible] 31 72

WEATHER HAZY

TIME 10:25 TO

NOTES CHKD BLANCHARD DATE SEP 12 72

INST. NO 96716

ROD NO 1713 AB

T=106°

F.B. 2425 PG. 203

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 104-11A TO B.M. 104-10
B.M. 104-11A									B.M. 104-11A (U.S.C.&G.S. J-489 RESET)
1	143	685	444 5	146 140 6	144	502	445 5	147 141 6	QUARTZ HILL AIRPORT IN S. DOOR OF HANGER. SEE F.B. 3726-189
2	88	532	389 5	118 58 60 66	170	639	471 5	200 140 60 66	
3	95	382	396 5	127 63 64 136	203	402	504 5	236 170 66 132	π = MALDONADO
4	180	082	481 5	217 143 74 204	30	252	331 5	168 30 72 204	
B.M. 104-10								204	B.M. 104-10 (U.S.C.&G.S. M-489)
	507	681			548	795		408	QUARTZ HILL AIRPORT AT WINDSOCK. SEE F.B. 2416-131
					507	681			
					41	114			

F.B. 2425 PG. 204 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-13-72

INDEXED T. M. PALMERI DATE

WEATHER HAZY INST. NO. 96716

TIME 10:50 TO 11:00 ROD NO. 1713AB

NOTES CHKD. BLANCHARD DATE SEP 12 72

106

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=1080
SURVEY BY G. E. DEELEK WEATHER HAZY INST. NO. 26716
NOTES BY SIEMANN DATE 7-14-72 TIME 10:50 TO 11:35 ROD NO. 17343
INDEXED BY L. M. PALMIERI DATE AUG 31 72 NOTES CHKD BLANCHARD DATE SEP 12 72
F.B. 2425 PG. 205

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 104-11A TO B.M. 104-12
B.M. 104-11A			235			90	B.M. 104-11A (U.S.C. & G.S. J-489)
1	209 787	510 5	183 52	65673	366 5	40 50	QUARTZ HILL AIRPORT. S. DOOR OF HANGER. SEE F.B. 3726-189
2	293 860	594 5	293 264 58	117 857 ~~17461~~	418 ~~318~~ 5	145 89 56	
3	284 391	585 5	305 263 42	51119	352 5	75 27 48	110 106
4	246 731	547 5	264 228 36	58068	359 5	80 36 44	152 154
5	258 498	559 5	274 242 32	37821	338 5	48 26 22	188 198
6	278 483	579 5	292 264 28	123 180	424 5	139 107 32	220 220 T = MALDONADO
7	205 148	506 5	218 192 26	36307	337 5	49 22 26	248 252
8	261 399	562 5	274 248 26	28758	329 5	39 17 22	274 278
9	289 918	590 5	300 278 22	8910	309 5	19 8 22	300 300
10	265 197	566 5	272 258 14	32984	333 5	40 24 16	322 322
11	297 670	598 5	306 288 18	52346	353 5	61 43 18	336 338
			354			356	354
B.M. 104-12	2891082			613023		710	B.M. 104-12 AVE. M & 47TH ST. W. SEE F.B. 2416-132
	613023						
	+2278059						

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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	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 104-12 TO B.M. 104-11A
B.M. 104-12									B.M. 104-12
1	31	621	332 5	44 18 26	293	877	594 5	302 284 18	AVE. M. & 47TH ST. W. SEE F.B. 2416-132
2	20	837	321 5	28 12 16 42	284	352	585 5	294 274 20 38	
3	25	122	326 5	35 15 20 62	278	374	579 5	290 266 24 62	
4	5	825	306 5	1/2 18 5 26 88	299	258	600 5	1/2 299 283 32 94	
5	61	382	362 5	85 37 48 136	277	662	578 5	301 253 48 142	
6	8	700	309 5	1/2 23 8 30 166	242	249	543 5	255 229 26 168	π = MALDONADO
7	47	626	348 5	68 26 42 208	255	740	556 5	276 234 42 210	
8	18	041	319 5	1/2 40 18 44 252	296	758	597 5	1/2 276 273 46 256	
9	12	462	313 5	1/2 37 12 50 302	223	438	524 5	248 198 50 306	
10	113	513	414 5	126 100 26 328	171	551	472 5	182 160 22 328	
B.M. 104-11A								328	B.M. 104-11A (U.S.C.&G.S. J-489 RESET)
	345	129			2623	259		656	QUARTZ HILL AIRPORT IN SOUTH
					345	129			HANGER DOOR. SEE F.B. 3726-189
					-2278	130			

T = 104°

WEATHER HAZY INST. NO. 96716

TIME 9:45 TO 10:30 ROD NO. 1713AB

NOTES CHKD. BLANCHARD DATE 12 '72

F.B. 2425 PG. 206 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-14-72

INDEXED T. M. PALMERI DATE

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 Maldonado DATE 7-13-72

INDEXED J. M. PALMERI DATE AUG 31 72

WEATHER Sunny & Calm INST. NO 96716

TIME 12:00 to 1:55 ROD NO 1713 A&B

NOTES CHKD BLANCHARD DATE SEP 12 72

T-108°

F.B. 2425 PG. 207

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM104-12 TO BM104-13
BM104-12									BM 104-12
1	138	455	439 5	150 126 24	8	285	309 5	19 8 ½ 22	Ave. M, & 47th St. W.
									See F.B. 2416-132
2	294	267	595 5	294 280 ½ 28	247	980	548 5	262 232 30	
3	28	722	329 5	39 17 52 22	245	060	546 5	256 234 52 22	A-Ohashi
4	91	596	392 5	118 64 74 54	164	620	465 5	191 137 74 54	
5	78	447	379 5	102 54 128 48	179	750	480 5	203 155 128 48	
6	93	837	394 5	101 85 176 16	228	922	529 5	235 221 176 14	
7	13	769	314 5	19 7 192 12	295	625	596 5	301 289 190 12	
8	16	070	317 5	21 11 204 10	278	190	579 5	283 273 202 10	
9	12	095	313 5	20 4 214 16	231	485	532 5	240 222 212 18	
10	156	148	457 5	183 129 230 54	208	965	509 5	234 182 230 52	
				284				282	
								284	
	923	406			2088	882		566	
					923	406			
					1165	476			
BM 104-13									BM 104-13 (T6N R13W T7N 35, 36, 1, 2)
									Ave. M, & 50th St. W. & Int.
									See F.B. 2416-133

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403 Los Angeles County Engineering Bldg.

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F.B. 2425 Pg. 208 JOB NO. 0301.02

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

SURVEY BY Dreier NOTES Maldonado 7-21-72

INDEXED L.M. PALMER DATE

WEATHER Sunny & Calm INST. NO. 96116

TIME 11:15 to 12:05 ROD NO. (173 A&B)

NOTES CHKD. BLANCHARD DATE SEP 1 c. 14

T-82°

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							From BM 104-13 To BM 104-12
BM 104-13			247			166	BM 104-13 (T6N, R13W, T7N, 35, 34, 1, 2)
1	23 520	424 5	99 48	143 420	444 5	120 46	Ave. M, & 50th St. W. & Int.
			166	595 3		42	See F.B. 2416-133
2	154 945	455 5	142 24	30 567	431 5	18 24	
			300			20	
3	294 703	595 5	288 72	13 643	314 5	6 70	
			12			14	
			299 84			131/2 84	
4	299 940	600 5	292 1/2 14	7 337	308 5	7 1/2 12	X-Ohashi
			300 98			113 96	
5	300 162	601 5	278 1/2 44	91 660	392 5	67 46	
			277 142			104 142	
6	238 000	539 5	197 80	64 703	365 5	24 80	
			285 222			47 222	
7	273 210	574 5	261 24	35 735	336 5	23 24	
			149 246			297 246	
8	132 830	433 5	115 34	283 641	584 5	269 28	
			77 280			161 274	
9	71 347	372 5	65 12	152 760	453 5	143 18	
			292			292	
						292	
	1888 677			823 494		584	
	823 494						
	+ 065 183						
							BM 104-12
							Ave. M & 47th St. W.
BM 104-12							See F.B. 2416-132

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER DATE 7-25-72 WEATHER LT. WIND CLEAR INST. NO. 96716

NOTES BY G.E. DREIER DATE 7-25-72 TIME 1:00 TO 2:00 ROD NO. 1713A-B

INDEXED L. M. PALMER DATE AUG 31 72 NOTES CHKD BLANCHARD DATE SEP 12 72

F.B. 2425 PG. 209

98°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM.104-13 TO BM.104-12
B.M.104-13									B.M. 104-13
1	251	387	552 5	285 217 68	27	063	328 5	61 ½ 27 68	AVE. M & 50th ST. WEST
									SEE F.B. 2416-133
2	274	660	575 5	279 269 10	27	863	328 5	31 23 8	
3	288	098	589 5	293 283 78 10	38	608	339 5	43 33 76 10	RERUN
									T. OHASHI
4	292	101	593 5	292 ½ 278 88 28	31	499	332 5	45 17 86 28	
5	201	219	502 5	234 168 116 66	116	148	417 5	149 83 114 66	
6	146	183	447 5	160 132 182 28	44	039	345 5	61 27 180 34	
7	277	240	578 5	288 266 210 22	12	330	313 5	25 ½ 12 214 26	
8	116	933	417 5	132 100 232 32	283	820	584 5	295 271 240 24	
9	26	845	327 5	34 18 264 16	128	005	429 5	136 120 264 16	
				280				280	
								280	
	1874	666			709	375		560	
B.M.104-12	709	375							B.M. 104-12
									AVE M & 47th ST. WEST
	+1165	291							SEE F.B. 2416-132

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. 2425 Pg. 210 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Dreier 7-25-72

INDEXED T. M. PALMERI DATE

WEATHER LT WIND INST. NO. 96716

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

NOTES CHKD. BLANCHARD DATE SEP 12 '72

103°

RERUN

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM.104-12 TO BM.104-13
BM.104-12			189				B.M. 104-12
1	174 060	415 5	159 30	9 539	310 5	½ 9 20	AVE. M & 47th ST. W.
							SEE F.B. 2416-132
2	255 550	556 5	270 240 30	277 435	578 5	292 262 30	
3	9 800	310 5	23 60 ½ 9 28	267 060	568 5	288 50 246 42	
4	138 620	439 5	170 88 106 64	208 468	509 5	239 92 177 62	RERUN T. T. OHASHI
5	115 339	416 5	130 152 100 30	220 875	521 5	238 154 202 36	
6	14 955	315 5	21 182 7 14	266 192	567 5	271 190 261 10	
7	5 297	306 5	11 196 -1 12	292 240	593 5	297 200 287 10	
8	20 725	321 5	27 208 13 14	283 754	584 5	291 210 275 16	
9	138 150	439 5	168 222 108 60	212 253	513 5	240 226 184 56	
			282			282 282	
BM.104-13						564	B.M. 104-13
	872 496			2037 816			AVE. M & 50th ST. WEST
				872 496			SEE F.B. 2416-133
				-1165 320			

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 BM104-13 TO BM104-14A
BM104-13				176				232	BM104-13 (T6N R13W T7N 35,36, 1, 2)
1	145	980	446 5	114 62	201	820	502 5	170 62	Ave. M & 50th St. W. ℄ Int.
				171				172	See F.B. 2416-133
2	138	270	439 5	105 66	139	123	440 5	106 66	
				206 128				130 128	
3	181	770	482 5	156 50	105	475	406 5	80 50	T-Ohashi
				218 178				162 178	
4	185	390	486 5	152 66	128	102	429 5	94 68	
				198 244				148 246	
5	170	387	471 5	142 56	119	216	420 5	90 58	
				201 300				159 304	
6	173	819	474 5	145 56	131	271	432 5	103 56	
				201 356				64 360	
7	172	608	473 5	143 58	37	770	438 5	10 54	
				414				414	
								414	
	1168	224			862	777		828	
	862	777							
BM104-14A	+305	447							BM104-14A (~~1/4 Sec. Cor. 2,35~~) ~~BM~~ Ave. M & 55th St. W. ~~℄ Int.~~ S.W. Cor. See F.B. 2416-134

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

SURVEY BY G. E. Dreier

NOTES BY

INDEXED E. M. PALMERI

DATE 7-13-72

DATE AUG 3 '72

WEATHER Sunny ℄

TIME 1:55 to 2:40

NOTES CHKD BLANCHARD

INST. NO. 96716

ROD NO. 1713A&B

DATE SEP 12 '72

T-108°

F.B. 2425 PG. 211

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 BM104-14A TO BM104-13
BM104-14A							BM104-14A (1/4 COR 2, 35)
1	71 080	372 5	103 39 64	181 903	482 5	213 149 64	Ave. M, & 55th St. W. ~~& Int.~~ S.W. COR.
							see F.B. 2416-134
2	119 380	420 5	154 84 70	183 220	484 5	217 149 68	
3	126 010	427 5	166 134 86 80	177 942	478 5	212 132 142 70	T-Ohashi
4	102 930	403 5	142 214 62 80	209 553	510 5	254 202 164 90	
5	127 924	428 5	166 294 88 78	120 633	421 5	158 292 82 76	
6	188 990	489 5	207 372 169 38	168 560	469 5	190 368 146 44	
			410			412	
						410	
	736 314			1041 811		822	
				736 314			
				305 497			
BM104-13							BM104-13 (T6N, R13W T7N, 35, 36, 1, 2) Ave. M & 50th St. W. See F.B. 2416-133

T-80°

F.B. 2425 PG. 212 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-21-72

INDEXED T. M. PALMERI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 10:40 to 11:15 ROD NO. 1713 ATE

NOTES CHKD BLANCHARD DATE 12 '72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM104-14 TO BM104-14A
BM 104-14			79			222	BM104-14
1	75 868	376 5	71 8	218 788	519 5	214 8	Ave. M & 55th St. W. S.W. Cor.
				75 868		8	See F.B 2416-134
				142920		16	
BM 104-14A							BM104-14A
							Ave. M, & 55th St. W. ℄ Int.
							See F.B 2416-134

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 7-13-72

INDEXED L. M. PALMER DATE AUG 31 72

WEATHER Sunny & Calm INST. NO. 96716

TIME 2:40 to 2:45 ROD NO. 1713A&B

NOTES CHKD BLANCHARD DATE SEP 12 72

T-108°

F.B. 2425 PG. 213

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.104-14A TO BM.104-14
B.M.104-14A									BM.104-14A
	225	052	526 5	229 221 8	82	111	383 5	86 78 8	AVE M & 55th ST. W.
	82	111						8	SEE F.B. 2416-134
	+142	941						16	
B.M.104-14									B.M.104-14
									AVE. M & 55th ST. W.
									SEE F.B. 2416-134

F.B. 2425 PG. 214 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES T. OHASHI 7-21-72

INDEXED I. M. PALMERI DATE

WEATHER CLEAR LT BR 80° INST. NO. 96716

TIME 10:35 ROD NO. 713A-B

NOTES CHKD. BLANCHARD DATE SEP 12 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=110°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716
NOTES BY T. OHASHI DATE 7-14-72 TIME 1:10 - 1:30 ROD NO. 11548
INDEXED L.M. PALMERI DATE AUG 31 72 NOTES CHKD BLANCHARD DATE SEP 1-2-72
F.B. 2425 PG. 215

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM BM.104-14A TO BM.104-15
BM.104-14A								BM.104-14A
1	257039	558 5	285/229	56	73 732	374 5	153/99	54 AVE "M" & 55TH ST. W & INT.
								SEE F.B. 2416-134
2.	160 441	461 5	196/124	72	120 729	421 5	156/84	72
				128				126
								* R. SIEMANN
3	186 152	487 5	222/150	72	124 152	425 5	160/88	72
				200				198
4	207 232	508 5	242/172	70	114 221	415 5	148/80	68
				270				266
5.	203 561	504 5	238/168	70	125 523	426 5	152/78	74
				340	3			340
6	203 401	504 5	237/129	68	13X 060	434 5	166/100	66
				408				406
								408
BM.104-15								BM.104-15
	1217 826				691 417			814 AVE "M" & 60TH ST. W & INT.
	691 417							SEE F.B. 2416-135
+	526 409							

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.104-15 TO BM.104-14A
B.M.104-15									B.M.104-15
1.	169	733	470 5	201 137 64	209	597	510 5	242 176 66	AVE "M" & 60TH ST. W. SEE F.B 2416-135
2.	123	289	424 5	155 91 64 128	187	409	488 5	219 155 64 130	
3.	108	608	409 5	146 70 76 204	211	184	512 5	249 173 76 206	⊼ G.E. DREIER
4.	122	482	423 5	159 85 74 278	187	848	488 5	222 152 70 276	
5.	128	240	429 5	162 94 68 346	198	606	499 5	234 162 72 348	
6.	107	833	408 5	136 78 58 404	292	043	593 5	292 ½ 263 58 406	
BM 104-14A								404	BM.104-14A
	760	185			1286	687		810	AVE "M" 55TH ST. W. SEE F.B. 2416-134
					760	185			
					526	502			

F.B. 2425 PG. 216 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 7-21

INDEXED I. M. PALMERI DATE

WEATHER CLEAR INST. NO. 96716

TIME 09:50 - 10:35 ROD NO. 1713A/B

NOTES CHKD BLANCHARD DATE SEP 12 '72

T = 78°

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. 2425 PG. 217
SURVEY BY G.E. Bauer, T. Ohashi, D. Reese — DATE 7-14-72 — WEATHER Clear, 71° — INST. NO. 9716
NOTES BY T. Ohashi — TIME 1:30 - 2:00 — ROD NO. 13349
INDEXED M. Palmeri — DATE 8/31/72 — NOTES CHKD R. Blanchard — DATE SEP 12 '72

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 104-15 TO BM 104-16
B.M. 104-15							B.M. 104-15
1	289 673	590 5	289 / 227 44	69 879	370 5	91 / 47 44	AVE M & 60TH ST. W. & INT.
							SEE F.B. 2416-135
2	250 292	551 5	280 / 220 60	89 232	390 5	148 / 90 58	
			104			102	
3	248 673	549 5	293 / 213 70	115 391	416 5	158 / 98 74	下 R. SIEMANN
			174			176	
4.	261 939	562 5	297 / 225 72	28 268	329 5	½ 63 / 28 70	
			246			246	
5.	288 381	589 5	309 / 269 38	32 351	333 5	53 / 11 42	
			284			288	
6.	282 430	583 5	306 / 258 48	47 632	348 5	71 / 23 48	
			332			336	
7.	265 248	566 5	266 / 234 62	65 988	366 5	99 / 32 66	
			394			402	
8	281 930	582	294 / 268 26	98 320	399	107 / 89 18	
			420			420	
BM. 104-16						420	B.M. 104-16
	2168566			547 061		840	AVE M & 65TH ST. W.
	547 061						SEE F.B. 2416-136
+	1621505						

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. 2425 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E. Dreier NOTES T. Oyashi 7-21-72

INDEXED J. M. PALMERI DATE

WEATHER Clear - Breeze INST. NO. 9676

TIME 9:40 - 10:10 ROD NO. 17344

NOTES CHKD BLANCHARD DATE 8-12-72

T=78°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.104-16 TO BM.104-15
BM.104-16							B.M.104-16
1	66 435	367 5	87 45 42	279 930	580 5	300 258 42	AVE "M" & 65TH ST. W.
2	54 515	355 5	83 25 58 100	258 106	559 5	286 230 56 98	SEE F.B. 2416-136
3	12 990	313 5	½ 41 12 58 158	298 428	599 5	½ 298 273 50 148	↑ G.E. DREIER
4	6 480	307 5	½ 31 50 208	289 384	590 5	½ 289 259 60 208	
5	57 448	358 5	92 22 70 278	207 155	508 5	243 171 72 280	
6	72 923	373 5	106 38 68 346	227 843	528 5	260 194 66 346	
7	47 951	348 5	80 14 66 412	236 737	537 5	269 203 66 412	
8	~~236~~ 82 960	383 5	87 77 10 422	225 708	526 5	230 220 10 422	422
BM.104-15							422 BM.104-15
	401 702			2023 291			844 AVE "M" & 60TH ST. W.
				401 702			SEE F.B. 2416-135
				1621 589			

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.104-16 TO B.M.104-17
B.M. 104-16									B.M. 104-16
1	151	587	452 5	179 123 56	99	592	400 5	126 72 54	AVE "M" & 65TH. ST. W.
									SEE F.B. 2416-136
2.	270	649	571 5	270 236 ½ 70	14	082	315 5	½ 47 14 66	
				126				120	⊼ R. SIEMANN
3.	293	558	594 5	½ 293 259 68	96	943	397 5	134 58 76	
				194				196	
4.	255	310	556 5	293 217 76	10	540	311 5	½ 48 10 76	
				270				272	
5	301	780	602 5	½ 301 272 58	25	190	326 5	½ 57 25 64	
				328				336	
6.	297	759	598 5	½ 297 263 68	12	905	313 5	½ 44 12 64	
				396				400	
B.M. 104-17								396	B.M. 104-17
	1570	643			259	252		796	AVE M. & 70TH ST. W.
	259	252							SEE F.B. 2416-137
	+1311	391							

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

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

NOTES BY T. OWASHI DATE 7-14-72 TIME 2:00 - 2:34 ROD NO. 1713A&B

INDEXED L.M. PALMERI DATE AUG 31 72 NOTES CHKD BLANCHARD DATE SEP 12 72

F.B. 2425 PG. 219

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. 2425 Pg. 220 JOB NO. 030102

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

SURVEY BY C.E. Owens NOTES T. Ohashi 7-21-72

INDEXED I. M. PALMER DATE

WEATHER Breezy & Clear INST. NO. 4416

TIME 9:10 – 9:40 ROD NO. 1204

NOTES CHKD BLANCHARD DATE SEP 12 72

T = 72°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 104-17 TO B.M. 104-16
B.M. 104-17							B.M. 104-17
1.	183 238	384 5	116 50 66	276 000	577 5	276 212 64	AVE "M" & 70TH ST. W.
2.	8 908	309 5	½ 38 8 44 110	257 120	558 5	280 234 46 110	SEE F.B. 2416-137
3.	42 212	343 5	70 14 56 166	294 727	595 5	½ 294 266 56 166	✱ G.E. DREIER
4.	61 385	362 5	94 28 66 232	190 374	491 5	225 155 70 236	
5	44 883	345 5	77 11 66 298	298 956	599 5	½ 298 270 56 292	
6	30 372	331 5	½ 64 30 68 366	254 776	555 5	291 217 74 366	
7.	200 731	501 5	218 182 36 402	211 218	512 5	229 193 36 402	
B.M. 104-16	571 729			1783 171			402 B.M. 104-16
	¼			571 729			804 AVE "M" & 65TH ST. W.
				1211 442			SEE F.B. 2416-136
				-1311			

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 Talbot mack & E.Dreier WEATHER Sunny & hot
NOTES BY E.Dreier DATE 7-17-72 TIME 12:40 PM to 5:45 PM ROD NO. 17346
INDEXED J. M. PALMERI DATE AUG 31 72 NOTES CHKD [illegible] DATE SEP 1 2 72
F.B. 2425 PG. 22

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM104-17 TO BM104-18
BM104-17						286	BM104-17
1	75721	3085	22½ 7½ 30	27255	5735	258 28	Ave. M & 70th St. W. N.W. Cor.
			22½			292½	See F.B. 2416-137
2	45721	3055	4½ 36	29274	5935	274½ 36	
			38 66			292 64	
3	20650	3215	2 36	27534	5765	258 34	T-Dreier
			39 102			295 98	
4	22810	3235	5 34	27844	5795	261 34	
			22 136			296½ 132	
5	35512	3045	3½ 38	29677	5975	278½ 36	
			23½ 174			304 168	
6	60757	3075	6½ 34	28606	5875	268 36	
			38 208			299 204	
7	20088	3215	2 36	28174	5825	263 36	
			35 244			298½ 240	
8	16665	3175	16½ 38	29809	5995	276½ 44	
			45 282			289½ 284	
9	26465	3275	7 38	28966	5905	270½ 38	
			29½ 320			301 322	
10	10730	3115	10½ 38	28249	5835	263 38	
			57 358			223 360	
11	40113	3415	23 34	20766	5085	191 32	
			392			392	
						392	
	179291			3061573		784	
				179291			
BM104-18							BM104-18
				−2882282			70th St. W. & 0.5 mi. N. of Ave M
							see F.B. 2416-138

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 BM104-18 TO BM104-17
BM104-18		54							BM104-18
1	252	173	553 5	272 232 40	34	578	335 5	54 14 40	70th St. W. & 0.5 mi. N. of Ave M
									See F.B. 2416-138
2	301	827	602 5	301 281½ 40	11	293	312 5	31½ 11 40	
3	289	662	590 5	289 269½ 40	21	169	322 5	41 1 80 40	
4	296	097	597 5	296½ 276½ 120 40	10	735	311 5	30 10½ 120 40	π- Dreier
5	300	712	601 5	300 281½ 160 38	8	059	309 5	28½ 8½ 160 40	
6	300	510	601 5	300 280½ 198 40	5	898	306 5	24½ 5½ 200 38	
7	300	304	601 5	300 282½ 238 36	10	859	311 5	28½ 10½ 238 36	
8	287	978	588 5	304 270 274 34	26	687	327 5	43 9 274 34	
9	281	998	582 5	298 264 308 34	30	420	331 5	47 13 308 34	
10	289	574	590 5	306 272 342 34	18	283	319 5	35 1 342 34	
11	216	141	517 5	224 208 376 16	57	265	358 5	64 50 376 14	
				392				390	
								392	
	3116	976			235	246		782	
	235	246							
	+2881	730							
BM104-17									BM104-17
									70th St. W. & Ave. M N.W. Cor.
									See F.B. 2416-137

T-84°

F.B. 2425 PG. 222 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-19-72

INDEXED T. M. PALMERI DATE

WEATHER Sunny & Windy INST. NO. 96716

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

NOTES CHKD BLANCHARD DATE SEP 12 '72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM104-17 TO BM104-18
BM104-									BM104-17
1	3	738	304 5	18 3½ 30	291	999	592 5	306 276 30	Ave. M & 70th St. W N.W. Cor
									See F.B. 2416-137
2	7	512	308 5	27 7½ 40 70	293	676	594 5	293 274½ 38 68	
3	18	584	319 5	37 -1 38	298	459	599 5	298 279½ 38	
4	20	148	321 5	38 2 36 108	286	497	587 5	303 269 34 106	T-Dreier
5	7	207	308 5	26 7½ 38 144	301	860	602 5	301½ 283½ 36 140	Re-Run
6	7	891	308 5	24 8½ 32 182	287	930	588 5	307 267 40 176	
7	14	911	315 5	32 14½ 36 214	290	932	591 5	307 273 34 216	
8	25	381	326 5	44 6 38 250	300	231	601 5	300½ 282½ 36 250	
9	32	863	333 5	51 13 38 288	283	093	584 5	302 264 38 286	
10	11	750	312 5	33 11½ 44 326	301	640	602 5	301 280½ 42 324	
11	77	283	378 5	90 64 26 370	172	685	473 5	185 158 26 366	
				396				392	
								396	
	227	268			3109	002		788	
					227	268			
BM 104-18					2881	734			BM104-18
									70th St. W. & 0.5 mi. N. of Ave. M
									See F.B. 2416-138

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-26-72 WEATHER Sunny & Calm INST. NO. 96716

INDEXED E. M. PALMERI DATE AUG 31 72 TIME 9:25 to 10:10 ROD NO. 1713A & B

NOTES CHKD. BLANCHARD DATE SEP 12 72

T-98°

F.B. 2425 PG. 223

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 104-18 TO BM 104-19
BM104-18									BM 104-18
1.	25	062	326 5	40/10 30	265	773	566 5	282/248 34	70th St. W. & 0.5 mi. N. of Ave. M.
									See F.B. 2416-138
2.	46	688	347 5	61/31 30	242	256	543 5	257/227 30	
				60				64	⊼ J. MALDONADO
3.	47	937	348 5	64/30 34	273	683	574 5	294/252 42	
				94				106	
4.	18	177	319 5	½ 39/18 42	238	937	539 5	253/223 30	
				136				136	
5.	24	167	325 5	45/3 42	266	149	567 5	286/246 40	
				178				176	
6.	16	130	317 5	½ 37/16 42	272	030	573 5	293/251 42	
				220				218	
7.	26	668	327 5	47/5 42	257	186	558 5	278/236 42	
				262				260	
8.	25	528	326 5	50/0 50	264	352	565 5	288/240 48	
				312				308	
9.	44	320	345 5	70/18 52	266	477	567 5	293/239 54	
				364				362	
10.	53	120	354 5	76/30 46	131	723	432 5	155/107 48	
				410				410	
B.M.104-19								410	B.M.104-19
	327	797			2478	566		820	70th. St. W. & Ave "L"
					327	797			See F.B. 2416-139
					-2150	769			

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado + DATE 7-17-72

INDEXED J. M. PALMERI DATE AUG 31 72

WEATHER Sunny & Windy INST. NO. 96716

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

NOTES CHKD BLANCHARD DATE SEP 12 72

T-84

F.B. 2425 PG. 225

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

Do not extend notes this side of this line.

F.B. 2425 Pg. 226 JOB NO. 0301.02
SURVEY OF L.A.Sa Precise Level Net
SURVEY BY Dyer NOTES T. Ohashi 7-19-72
INDEXED I. M. PALMERI DATE

WEATHER Windy-Dst. Haze INST. NO. 96246
TIME 1:05 - 2:15 ROD NO. 11346
NOTES CHKD BLANCHARD DATE SEP 12 72

T- 88°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM BM104-19 TO BM104-18
BM 104-19									BM 104-19
1	138	285	439 5	161 / 115 46	58	741	359 5	81 / 35 46	70th St. W. & Ave. L
2	261	821	562 5	287 / 235 52 98	35	672	336 5	61 / 9 52 98	See F.B. 2416-139
3	267	493	568 5	293 / 241 52 150	23	209	324 5	49 / 23 52 150	T J. MALDONADO
4	281	642	582 5	306 / 256 50 200	12	433	313 5	36 / 12 48 198	
5	287	168	588 5	287 / 265 44 244	21	949	322 5	43 / 21 44 242	
6	286	640	587 5	286 / 264 44 288	19	502	320 5	40 / 19 42 284	
7	292	131	593 5	292 / 246 46 334	28	192	329 5	50 / 6 44 328	
8	244	143	545 5	253 / 231 22 356	35	000	336 5	54 / 16 38 366	
9	259	656	560 5	274 / 244 30 386	78	588	379 5	91 / 65 26 392	
10	214	500	515 5	223 / 205 18 404	69	762	370 5	75 / 63 12 404	
								404	B.M. 104-18
BM. 104-18	2533	479			383	048		808	70th St W. 0.5 Mi. N. of Ave M
	383	048							See F.B. 2416-138
+	2150	431							

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 MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
						RERUN	FROM B.M. 104-18 TO B.M. 104-19
B.M. 104-18							B.M. 104-18
1	33 729	334 5	48 18 30	251 952	552 5	266 236 30	70th ST. W. & L-8
2	28 547	329 5	48 8 40	272 986	573 5	290 254 36	SEE F.B. 2416-138
3	44 960	345 5	63 25 70 38	268 229	569 5	286 250 66 36	RERUN ⊼ J. MALDONADO
4	21 288	322 5	44 -2 108 46	291 020	592 5	291 ½ 268 102 46	
5	29 167	330 5	49 9 154 40	285 430	586 5	285 ½ 262 148 46	
6	22 669	323 5	44 0 194 44	275 730	576 5	297 253 194 44	
7	16 682	317 5	41 ½ 216 238 50	265 828	566 5	290 240 238 50	
8	19 471	320 5	46 ½ 219 288 54	264 174	565 5	292 236 288 56	
9	22 942	323 5	52 ½ 22 342 60	274 497	575 5	304 244 344 60	
10	128 589	429 5	136 120 402 16	68 621	369 5	75 61 404 14	
			418			418	
						418	
	368 044			2518 467		836	
B.M. 104-19				368 044			B.M. 104-19
				2150 423			70th ST. W. & AVE L
							SEE F.B. 2416-139

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 96°

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

NOTES BY G.E. DREIER DATE 7-26-72 TIME 10 15 ROD NO 1713A-B

INDEXED E. M. MERI DATE [illegible] 72 NOTES CHKD BLANCHARD DATE SEP 12 72

F.B. 2425 PG. 227

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.104-19 TO B.M.104-19A
BM 104-19								B.M. 104-19
1.	25 549	326 5	31 214 12	204 003	505 5	210 198 12		70TH. ST. W. & AVE "L"
				25 549				SEE F.B. 2416-139
BM.104-19A				178 454			12	
							24	⊼ J. MALDONADO
								B.M. 104-19A
								70TH. ST. W. & AVE "L" ℄ INT.
								SEE F.B 3726-209

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

SURVEY BY C. E. DREIER

NOTES BY T. OHASHI DATE 7-17-72

INDEXED T. M. [illegible] DATE AUG 31 '72

WEATHER Clear-Windy INST. NO. 96716

TIME 11:45 - 11:50 ROD NO. 1713A4B

NOTES CHKD BLANCHARD DATE SEP 12 72

F.B. 2425 PG. 229

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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 B.M. 104-19A TO B.M. 104-19
B.M. 104-19A									B.M. 104-19A
1	200	880	501.5	206 194.12	22	372	323.5	28 16 12	70th. St. W. & Ave "L"
B.M. 104-19	22	372						12	See F.B. 3726-209
	+178	516						24	
									⊼ J. Maldonado
									B.M. 104-19
									70th. St. W. & Ave "L"
									See F.B. 2416-139

T = 86

WEATHER VERY WINDY INST. NO. 96716

TIME 1140 T 0 11 45 ROD NO. 113A&B

NOTES CHKD. BLANCHARD DATE SEP 12 '77

F.B. 2425 PG. 230 JOB NO. 030102

SURVEY OF L.A. Co Precise Level Net

SURVEY BY G.E. Dreier NOTES T. Cunshi

INDEXED I. M. PALMERI 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 B.M. 104-19A TO B.M. 104-20A
BM. 104-19A									BM. 104-19A
1.	81	974	382 5	105 57 48	221	121	522 5	245 197 48	70TH ST. W. & AVE "L"
									SEE F.B. 3726-209
2.	32	622	333 5	64 0 64	240	008	541 5	272 208 64	
				112				112	⊼ J. MALDONADO
3	40	182	341 5	73 7 66	236	501	537 5	268 204 64	
				178				176	
4	50	822	351 5	86 15 70	247	470	548 5	282 212 70	
				248				246	
5	54	549	355 5	87 21 66	230	121	531 5	263 197 66	
				314				312	
6.	55	511	356 5	89 21 68	236	899	537 5	269 203 66	
				382				378	
7	110	215	411 5	123 97 26	220	047	521 5	235 205 30	
				408				408	
BM. 104-20A								408	B.M. 104-20A (1/4 SEC. COR.)
	425	875			1632	167		816	70TH ST. W. 0.5 MI. N. OF AVE "L"
					425	875			SEE F.B. 3726-213
					1206	292			

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

SURVEY BY G. E. DREIER

NOTES BY T. OHASHI DATE 7-17-72

INDEXED M. PALMERI DATE AUG 31 '72

WEATHER CLEAR-WINDY INST. NO. 96716

TIME 1:10 - 1:45 ROD NO. 1713A&B

NOTES CHKD. BLANCHARD DATE SEP 12 '72

F.B. 2425 PG. 231

TC 90°

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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. 104-20A TO B.M. 104-19A
B.M. 104-20A									B.M. 104-20A (1/4 Sec. Cor)
1	255	977	554 5	279 231 48	85	128	384 5	110 60 50	70TH ST. W. 0.5 MI. N. AVE "L"
									SEE F.B 2416-140
2	217	798	518 5	243 191 52	82	098	383 5	106 59 48	
								98	⊼ J. MALDONADO
3	213	753	514 5	240 186 54 100	74	083	375 5	101 47 54	
4	221	760	522 5	248 194 54 154	71	951	372 5	97 45 52 152	
5	225	522	526 5	253 197 56 208	65	447	366 5	93 37 56 204	
6	230	818	531 5	256 204 52 264	65	981	366 5	92 38 54 260	
7	231	809	552 5	258 204 54 316	45	362	346 5	72 19 54 314	
8	211	721	512 5	232 190 42 370	112	788	413 5	132 92 40 368	
				412				408	
BM 104-19A								412	BM 104-19A
	1809	158			602	838		920	70TH ST W & AVE "L"
	602	838							& INT
+	1206	320							SEE F.B 3726-209

T = 86

WEATHER VERY WINDY INST. NO. 96716

TIME 11:05 TO 11:40 ROD NO. 713 [illegible]

NOTES CHKD. BLANCHARD DATE SEP 1 [illegible]

F.B. 2425 PG. 232 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY AEDREIER NOTES ALG 7.19.72

INDEXED T. M. PALMERI 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				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM BM 104-20A TO BM 104-21
BM 104-20A								BM 104-20A (1/4 SEC COR)
1	103 150	404 5	137 69 68		227 007	528 5	261 193 68	70TH ST. W 0.5 MI N. AVE "L"
								SEE F.B. 2416-140
2	72 192	373 5	107 37 70		213 832	514 5	248 178 70	
			138				138	
3	90 462	391 5	125 55 70		220 622	521 5	257 183 74	T J. MALDONADO
			208				212	
4	90 298	391 5	126 54 72		208 631	509 5	244 172 72	
			280				284	
5	99 610	400 5	133 65 68		199 772	500 5	232 166 66	
			348				350	
6	115 352	416 5	146 84 62		146 589	447 5	177 115 62	
			410				412	
BM 104-21							410	BM 104-21
	571 064				1216 453		822	70TH ST W & AVE "K"
					571 064			N. W. COR
					645 389			SEE FB 2416-141

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 90

SURVEY BY G. E. DREIER

NOTES BY A. L. G. DATE 7-17-72 WEATHER CLEAR-WINDY INST. NO. 96716

INDEXED L. M. PALMERI DATE JUL 31 '72 TIME 1.45 TO 2.15 ROD NO. 1713A&B

NOTES CHKD BLANCHARD DATE SEP 12 '72

F.B. 2425 PG. 233

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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 104-21 TO BM 104-20A
BM 104-21									BM 104-21
1	149	359	450 5	183 115 68	101	388	402 5	137 65 72	70TH ST. W. & AVE. "K" N.W. COR.
2	205	782	506 5	241 169 72			5	132 64 68	SEE F.B 2416-141
				140	98	321	399	140	
3	204	358	505 5	239 169 70	82	582	383 5	119 45 74	
				210				214	⊼ J. MALDONADO
4	199	993	500 5	228 170 58	104	641	405 5	132 76 56	
				268				270	
5	215	248	516 5	243 187 56	98	001	399 5	128 68 60	
				324				330	
6	216	957	517 5	246 186 60	84	312	385 5	112 56 56	
				384				386	
7	182	161	483 5	197 167 30	158	952	459 5	172 144 28	
				414				414	
BM 104-20A								414	BM 104-20A (1/4 SEC COR)
	1373	858			~~648~~	197		828	
	~~648~~	~~197~~			728				
	~~+725~~	~~671~~							
	728	197							
	+ 645	661							

T = 84

WEATHER VERY WINDY INST. NO. 96716

TIME 10:20 to 11:05 ROD NO. 1713A-B

NOTES CHKD BLANCHARD DATE 1-2-72

F.B. 2425 PG. 234 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 7-19-72

INDEXED L. M. PALMERI DATE GOBLE

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-92
SURVEY BY G.E. Dreier DATE 7-17-72 WEATHER Sunny & Hot INST. NO. 96716
NOTES BY M. Palmieri DATE JUL 31 '72 TIME 2:15 to 2:45 ROD NO. 21348
INDEXED M. PALMIERI NOTES CHKD [illegible] DATE SEP 1 2 '72
F.B. 2425 PG. 35

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM104-21 TO BM104-22
BM104-21			87			187	BM104-21
1	63848	364 5	39 48	161 358	462 5	135 52	70th St. W. & Ave. K N.W. COR.
			138			224	See F.B. 2416-141
2	102 970	403 5	66 72	189 635	490 5	154 70	
			160 120			223 122	GOBLE
3	124 700	425 5	88 72	188 768	489 5	153 70	T-A. ~~Vogle~~
			147 192			217 192	
4	112 347	413 5	77 70	181 071	482 5	145 72	
			135 262			223 264	
5	99 550	400 5	63 72	188 818	489 5	153 70	
			146 334			209 334	
6	110 867	411 5	74 72	174 343	475 5	139 70	
			145 406			165 404	
7	125 895	426 5	105 40	143 853	444 5	121 44	
			446			448	
						446	
	740 177			1227 846		894	
				740 177			
				487 669			
BM104-22							BM104-22
							70th St. W. & 0.55 mi. N. of Ave. K.
							See F.B. 2416-142

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F.B. 2425 Pg. 236 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES G.E. DREIER 7-19-72

INDEXED T. M. PALMER DATE

WEATHER VERY WINDY INST. NO. 96216

TIME 9:45 To 10:20 ROD NO. 12348

NOTES CHKD. BLANCHARD DATE SEP 12 '72

T-83°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 104-22 TO BM 104-21
BM 104-22			199			149	BM 104-22
1	161 747	462 5	123 76	111 800	412 5	73 76	70th St. W. & 0.55 mi. N. of Ave. K
			209			136	See F.B. 2416-142
2	174 688	475 5	139 70	101 255	402 5	66 70	
			146			146	
3	185 468	486 5	221 72	100 363	401 5	136 64 72	A. GOBLE
			218			218	
4	171 515	472 5	206 136 70	102 198	403 5	139 65 74	
			288			292	
5	178 558	479 5	212 144 68	103 982	404 5	138 68 70	
			356			362	
6	186 889	487 5	219 153 66	120 053	421 5	148 92 56	
			422			418	
7	158 585	459 5	168 148 20	90 505	391 5	102 78 24	
			442			442	
						442	B.M. 104-21
BM 104-21						884	70th St. W. & Ave. K
	1217450			730156			SEE F.B. 2416-141
	730156						
	+487294						

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	RERUN DESCRIPTION AND REMARKS
									FROM B.M. 104-21 TO B.M. 104-22
B.M. 104-21									B.M. 104-21
1	67	542	368 5	96 38 58	169	002	470 5	198 140 58	70th ST. W. & AVE. K
									SEE F.B. 2416-141
2	104	492	405 5	141 67 74	191	487	492 5	228 154 74	
3	117	622	418 5	152 82 132 70	184	760	485 5	218 150 132 68	RERUN
4	103	992	404 5	139 67 202 72	179	013	480 5	215 143 200 72	A. GOBLE
5	102	950	403 5	138 66 274 72	186	380	487 5	220 152 272 68	
6	109	533	410 5	143 75 346 68	173	682	474 5	210 136 340 74	
7	127	917	428 5	142 112 414 30	137	200	438 5	152 122 414 30	
				444				444	
B.M. 104-22								444	B.M. 104-22
	734	048			1221	524		888	70th ST. WEST 0.55 MI. N. OF AVE K
					734	048			SEE F.B. 2416-142
					487	476			

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 7-26-72

INDEXED T. M. PALMERI DATE 3-5-72

WEATHER LT. WIND INST. NO. 96716

TIME 10:40 TO ROD NO. 17134-B

NOTES CHKD BLANCHARD DATE SEP 12 72

F.B. 2425 PG. 237

98°

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2425 Pg. 238 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 7-26-72

INDEXED T. M. PALMER DATE

WEATHER LT. WIND INST. NO. 9676

TIME 11:25 ROD NO. 1734-1

NOTES CHKD BLANCHARD DATE 8 12 72

RERUN

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M.104-22 TO B.M.104-21
B.M.104-22			178			153	B.M.104-22
1	149 230	450 5	120 58	124 005	425 5	95 58	70th ST. W., 0.55 M. N. OF AVE K
			218			192	SEE F.B. 2416-142
2	184 632	485 5	150 68	109 590	410 5	76 66	
			126			124	
3	182 683	483 5	219 145 74	101 960	402 5	137 65 72	RERUN
			200				T A. GOBLE
4	183 707	484 5	218 148 70	111 353	412 5	148 74 74	
			270			270	
5	185 267	486 5	220 150 70	109 212	410 5	144 74 70	
			340			340	
6	181 343	482 5	216 146 70	101 142	402 5	136 66 70	
			410			410	
7	164 944	465 5	182 146 36	87366	388 5	103 71 32	
			446			442	
						446	B.M.104-21
B.M.104-21	1231 806			754628		888	70th ST. W. & AVE. K
	754 628						SEE F.B. 2416-141
	487 178						

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 104-22 TO BM 104-23
BM 104-22				135				210	BM 104-22
1	89	282	390 5	43 92	170	265	471 5	130 80	70th St. W. & 0.55 mi. N. of Ave. K
				176				216	See F.B. 2416-142
2	138	448	439 5	100 76	172	492	473 5	128 88	
				189 168				209 168	
3	150	832	451 5	111 78	170	612	471 5	131 78	Goble
				186 246				210 246	π-A. ~~Vogle~~
4	147	157	448 5	108 78	171	398	472 5	132 78	
				171 324				154 324	
5	154	101	455 5	137 34	137	636	438 5	120 34	
				358				358	
								358	
	679	820			822	403		716	BM 104-23
BM 104-23					679	820			70th St. W. & Ave. J. S.W. Cor.
					142	583			See F.B 2416-143

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-18-72

INDEXED L. M. PALMERI DATE AUG 31 '72

WEATHER Sunny & Windy INST. NO. 96716

TIME 9:35 to 10:00 ROD NO. 1713A&B

NOTES CHKD BLANCHARD DATE SEP 12 72

T-84°

F.B. 2425 PG. 239

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. 2425 Pg. 240 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-18-72

INDEXED T. M. PALMERI DATE

WEATHER Sunny & Windy INST. NO. 9676

TIME 2:25 to 2:50 ROD NO. 7134

NOTES CHKD BLANCHARD DATE 12-72

T-93°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 104-23 TO BM 104-22
BM 104-23				172				176	BM 104-23
1	141	358	442 5	110 62	144	150	445 5	112 64	70th St. W. & Ave. J
				192				178	See F.B. 2416-143
2	158	827	459 5	124 68	144	348	485 5	110 68	
				199 130				176 132	
3	165	992	466 5	131 68	143	088	444 5	110 66	
				194 198				167 198	
4	159	277	460 5	124 70	132	503	433 5	97 70	T- Goble
				206 268				168 268	
5	174	840	475 5	142 64	136	297	437 5	104 64	
				174 332				131 332	
6	161	338	462 5	148 26	118	857	419 5	105 26	
				358				358	
								358	
	961	632			819	243		716	
	819	243							
BM 104-22	+142	389							BM 104-22
									70th St. W. & 0.55 mi. N. of Ave. K
									See F.B. 2416-142

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 BM104-23 TO BM104-24
BM104-23									BM104-23
1	139	430	440 5	179 99 80	167	200	468 5	207 127 80	70th St. W. & Ave. J. S.W. Cor
									See F.B. 2416-143
2	152	527	453 5	189 115 74	140	761	441 5	176 104 72	
3	153	737	454 5	189 154 117 72	147	735	448 5	183 152 111 72	⊼ - A. Goble
4	159	313	460 5	193 226 125 68	145	638	446 5	181 224 109 72	
5	160	391	461 5	192 294 128 64	143	288	444 5	176 296 110 66	
6	162	958	463 5	196 358 128 68	142	232	443 5	176 362 108 68	
7	155	927	456 5	178 426 132 46	145	232	446 5	165 430 125 40	
				472				470	
								472	
	1084	283			1032	086		942	
	1032	086							BM104-24
BM104-24	+52	197							70th St. W. & 0.55 mi. N. of Ave. J.
									See F.B. 2416-144

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 7-18-72

INDEXED L. M. PALMERI DATE AUG 31 72

WEATHER Sunny & Windy INST. NO. 96716

TIME 10:00 to 10:30 ROD NO. 1713A&B

NOTES CHKD BLANCHARD DATE SEP 12 72

T-86°

F.B. 2425 PG. 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 BM104-24 TO BM104-23
BM104-24									BM104-24
1	128	432	429.5	157 58 99 ~~256~~	154	282	455.5	183 125 58	70th St. W. & ~~Ave.~~ 0.55 mi. N. of Ave. J.
									see F.B. 2416-144
2	140	212	441.5	173 107 66	158	347	459.5	191 125 66	
3	148	787	449.5	183 124 113 70	159	060	460.5	194 124 124 70	T-A. Goble
4	142	900	443.5	177 194 107 70	153	433	454.5	188 194 118 70	
5	144	955	445.5	179 264 109 70	157	177	458.5	191 264 123 68	
6	148	728	449.5	183 334 113 70	146	006	447.5	180 332 112 68	
7	172	238	473.5	205 404 139 66	149	518	450.5	184 400 114 70	
				470				470	
								470	
	1026	252			1077	823		940	
					1026	252			
					-51	571			
									BM104-23
									70th ST. WEST, & AVE. J
									SEE F.B. 2416-143
BM104-23									~~BM104-23~~
									~~70th St. W. & 0.55 mi. N. of Ave. J.~~
									~~see F.B. 2416-144~~

T-93°

F.B. 2425 PG. 242 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 7-18-72

INDEXED I. M. PALMERI DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 1:55 to 2:25 ROD NO. 1713 AGE

NOTES CHKD. BLANCHARD DATE 12 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 101° F.B. 2425 PG. 243
SURVEY BY G.E. DREIER WEATHER LT WIND INST. NO 8716
NOTES BY DREIER DATE 7-26-72 TIME 1:00 ROD NO 1734-B
INDEXED M. PALMER DATE AUG 31 '72 NOTES CHKD BANCHARD DATE SEP 12 '72

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 104-23 TO B.M. 104-24
104-23			169			197	B.M. 104-23
1	129 875	430 5	89 80	159 147	460 5	121 76	70th ST. W. & AVE. J
			165			187	SEE F.B. 2416-143
2	154 242	455 5	121 64	156 388	457 5	125 62	
			186 144			164 138	
3	152 538	453 5	118 68	130 730	431 5	96 68	RERUN
			177 212			174 206	↑ A. GOBLE
4	143 727	444 5	109 68	137 327	438 5	100 74	
			178 280			154 280	
5	145 702	446 5	112 66	120 392	421 5	86 68	
			165 346			155 348	
6	133 993	434 5	101 64	124 557	425 5	93 62	
			178 410			160 410	
7	148 265	449 5	118 60	127 472	428 5	94 66	
			470			476	
B.M. 104-24						470	B.M. 104-24
	1008 282			956 013		946	90th ST. W., 0.55 MI. N. OF AVE. J
	956 013						SEE F.B. 2416-144
	+52269						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 2425 Pg. 244 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 7-26-72
INDEXED J. M. PALMER DATE

WEATHER 100° BREEZE INST. NO 96716
TIME 1'35" ROD NO M3A-B
NOTES CHKD BLANCHARD DATE

RERUN

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M.104-24 TO B.M.104-23
B.M.104-24							B.M.104-24
1	122.510	4235	158 86 72	153958	4545	188 118 70	70th ST. WEST, 0.55 MI. N. of AVE. J
							SEE F.B. 2416-144
2	139.945	4405	175 103 72	147 507	448 5	183 111 72	
			144			142	
3	130.118	4315	162 98 64	146 827	447 5	178 114 64	RERUN
			208			206	↑ A. GOBLE
4	128 483	4295	162 94 68	142553	4435	198 106 72	
			276			278	
5	144 957	4455	180 108 72	162 368	463 5	198 126 72	
			348			350	
6	148 137	4495	183 113 70	132 348	433 5	167 97 70	
			418			420	
7	147 992	4485	173 121 52	128 761	429 5	153 103 50	
			410			470 ✓	
B.M.104-23						470	B.M.104-23
	962142	/		1014322 ✓		940	70th ST. WEST, & AVE. J
				962142			SEE F.B. 2416-143
				-52 180	/		

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 104-24 TO BM 102-15
BM 104-24		839							BM 104-24
1	152	[illegible]	453 5	190 114 76	140	674	441 5	178 102 76	70 TH ST. W. & 0.55 MI. N OF AVE J.
2	154	929	455 5	190 118 72 148	118	574	419 5	154 82 72 148	SEE F.B. 2416-144
3	165	110	466 5	202 128 74	118	105	419 5	154 82 72	
4	158	665	459 5	195 121 74 222	131	102	432 5	167 95 72 220	⊼ T. OHASHI
5	177	077	478 5	211 143 68 296 364	139	196	440 5	176 102 74 292 366 364	
BM 102-15	808	620			647	751 6		730	BM 102-15
	647	751							7 TH ST W & AVE "I" N.W. COR
	~~+130869~~								SEE FB 2412-21
	+160969								

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

SURVEY BY G. E. DREIER

NOTES BY A. L. G. DATE 7-18-72

INDEXED [illegible] M. PALMERI DATE AUG 31 '72

WEATHER WINDY & SUNNY INST. NO. 96716

TIME 10.30 TO 11.05 ROD NO. 1.3A&B

NOTES CHKD. [illegible] DATE SEP 12 '72

T-86

F.B. 2425 PG. 245

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 102-15 TO BM 104-24
BM 102-15									BM 102-15
1	154	432	455 5	174 134 40	191	770	492 5	211 171 40	70 THST W & AVE "I" N. W. COR
2	141	415	442 5	171 111 60	152	490	453 5	182 122 60	SEE F.B 2412-21
3	134	392	435 5	163 105 58 100	177	554	478 5	209 146 62 100	
4	135	908	436 5	160 110 50 158	164	209	465 5	188 140 48 162	
5	126	999	427 5	150 102 48 208	152	800	453 5	178 126 52 210	⊼ T. OHASHI
6	129	985	430 5	154 104 50 256	149	690	450 5	173 125 48 262	
7	142	703	443 5	169 115 54 306	138	275	439 5	163 113 50 310	
				360				360	
BM 104-24								360	BM 104-24
	~~966 034~~				126 788			720	70 THST W & 0.55 N OF AVE "J"
	965 834				~~966 034~~				SEE FB 2416-144
					~~160 754~~				
					965 834				
					160 954				

T = 94°

WEATHER SUNNY & WINDY INST. NO. 26716

TIME 1:10 TO 1:50 ROD NO. 763A10

NOTES CHKD. BLANCHARD DATE SEP 12 '72

F.B. 2425 PG. 246 JOB NO. 0301.02

SURVEY OF L. A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES ALG 7-18-72

INDEXED I. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM102-15 TO BM 102-14
BM 102-15									BM 102.15
1	99	700	400 5	132 66 66	161	730	462 5	195 127 68	AVE "I" & 70TH ST., W N.W COR
									SEE FB 2412-21
2	140	600	441 5	173 107 66	164	775	465 5	197 131 66	
				132				134	
3	143	290	444 5	176 110 66	162	380	463 5	195 129 66	⊼ OHASHI
				198				200	
4	121	998	422 5	154 89 66	173	760	474 5	204 140 66	
				264				264	
5	142	301	443 5	152 132 20	123	988	424 5	133 113 20	
				284				286	
								284	
M 102-14	647	889			786	633		570	BM 102-14
					647	889			AVE "I" & 0.65 W OF COST
					138	744			SEE FB 2412-20

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

SURVEY BY G. E. PREIER

NOTES BY A. L. G. DATE 7-18-72

INDEXED T. M. PALMERN DATE AUG 31 '72

WEATHER SUNNY & WINDY INST. NO 96716

TIME 1105 TO 1135 ROD NO 1713A&B

NOTES CHKD BLANCHARD DATE SEP 12 '72

F.B. 2425 PG. 247

T-90

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 102-14 TO BM 102-15
BM-102-14									BM 102-14
1	120	962	421 5	130 110 20	139	322	440 5	149 129 20	AVE "I" & 0.65 W OF 60TH ST SEE FB 2412-20
2	190	560	491 5	223 157 66 86	128	676	429 5	162 94 68 88	
3	161	455	462 5	194 128 66 152	144	110	445 5	176 112 64 152	⊼ OHASHI
4	159	615	460 5	192 126 66 218	135	615	436 5	167 103 64 216	
5	149	150	450 5	181 117 64 282	95	440	396 5	128 [illegible] 66 62 282 282	
BM 102-15	781	742			643	163		564	BM 102-15 AVE "I" & 70THS ST W. N.W COR SEE F.B 2412-21
	643	163							
+	138	579							

T = 90

WEATHER WINDY & SUNNY INST. NO. 96116

TIME 11.35 TO 12.00 ROD NO. 713 HCD

NOTES CHKD. BLANCHARD DATE 12 72

F.B. 2425 PG. 248 JOB NO. 0301.0L

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES A.L.G. 7-18-72

INDEXED T. M. PALMERI DATE