Notes Ck'd by	Survey of	F. B. 1382 PG.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

BOOK INDEX F.B. 1382 - PAGE

LINE	(18) 118	1952	DESCRIPTIONS			5 TO 16
"	"	1952	DIFFERENCES	IN	ELEVATIONS	117 TO 102
"	"	1960	"	"	"	103 TO 140
"	"	1972	"	"	"	141 TO 206

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

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

Do not extend this side of this line.

F. B. _____ PG. _____

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

Su
W.
Surv
Not
Indexed

LINE
JOB No. 4923
L.A. COUNTY PRECISE LEVEL NET

SEE F.B. 3717-193 TO 226

G.E. DREIER
E. LANDA
S. SHINODA
M. SONNENSCHEIN
T. OHASHI
J. CALDERON

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

Do not extend notes this side of this line.

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

76F309S 247 2-51

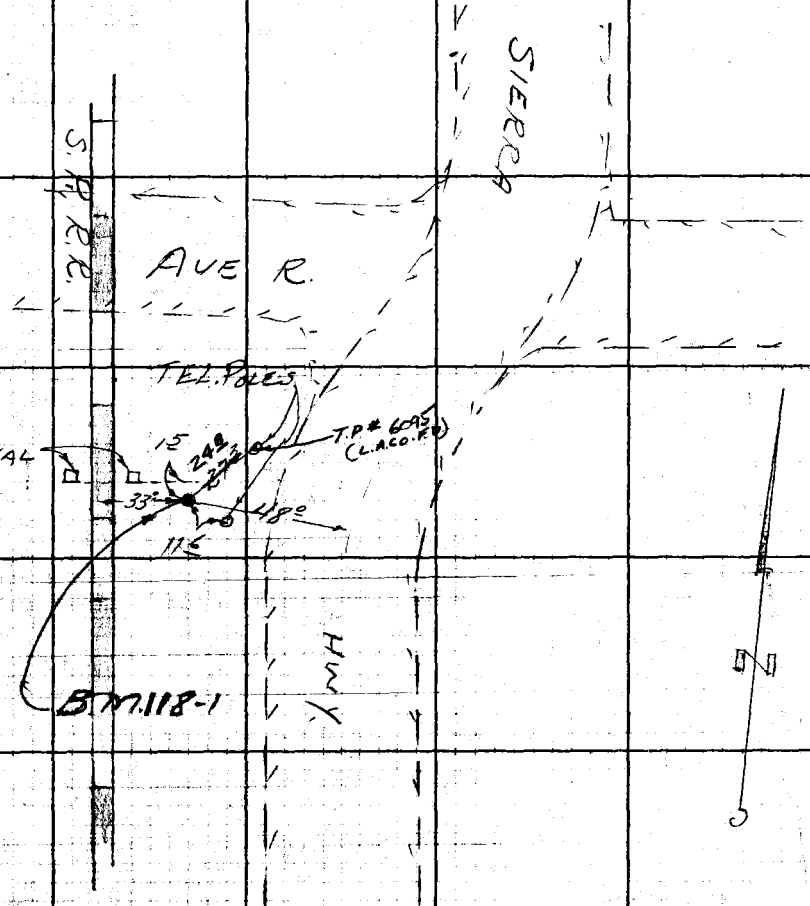
F.B. 1382 PG. 6

B.M. 118-1 (U.S. 3203) (X 426)

ABOUT 0.5 MI. S. ALONG THE S.P.R.R. FROM THE STATION AT PALMDALE, 22' E. OF SIGNAL 4143, 56 YDS. S OF ROAD XING B-4142, 34' E. OF THE ℄ OF THE MAIN TRACK, 48' W OF THE ℄ OF U.S. HWY. 6 AND 12' W. OF A POLE. A STD. DISK STAMPED "X 426 1935" AND SET IN THE TOP OF A CONCRETE POST

1938 U.S.C.&G.S. ADJ. ELEV. 2671.566 ✓

L.A.Co. 1952 Adj. Elev = 2671.566 ✓



RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of L.A. Co. Precise Levelling
Map No.	W. O. 4923 Tape No. Std. °F
Office Work	Surveyed by G.E. Dreier
Checked	Notes G.E. Dreier Date 8-12-52
Date	Indexed C. Johnson

F.B. 1382 Pg. 7

[illegible]

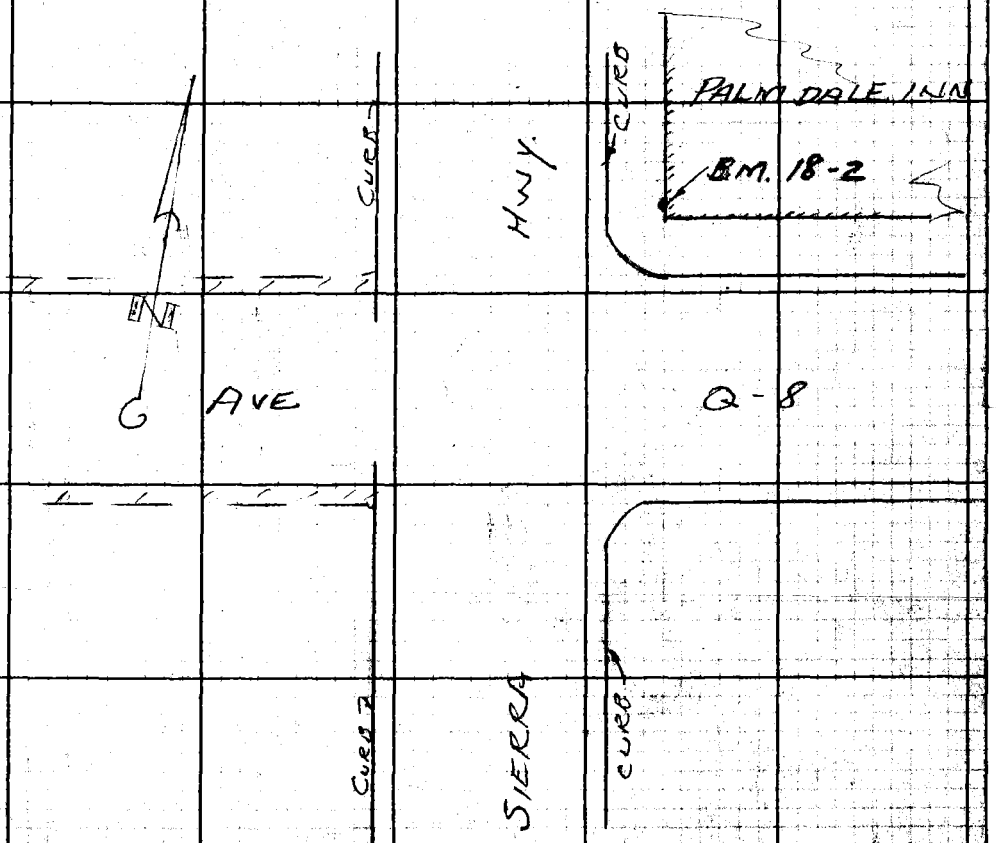
PALMDALE, ABT 300' N. AND 300' E OF THE STATION, IN THE S.W. COR OF PALMDALE INN, IN W. FACE 1' FR. THE COR AND 3.5' ABOVE THE SIDEWALK, SET IN CONCRETE; STD. DISK STAMPED "E 57 1926"

1932 ADJ. ELEV. 2658.423 ✓

L.A. Co. 1952 Adj. Elev. = 2658.278

Destroyed by Const. NOT REPLACED.

7-29-66 W. Vope



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

Do not extend notes this side of this line.

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

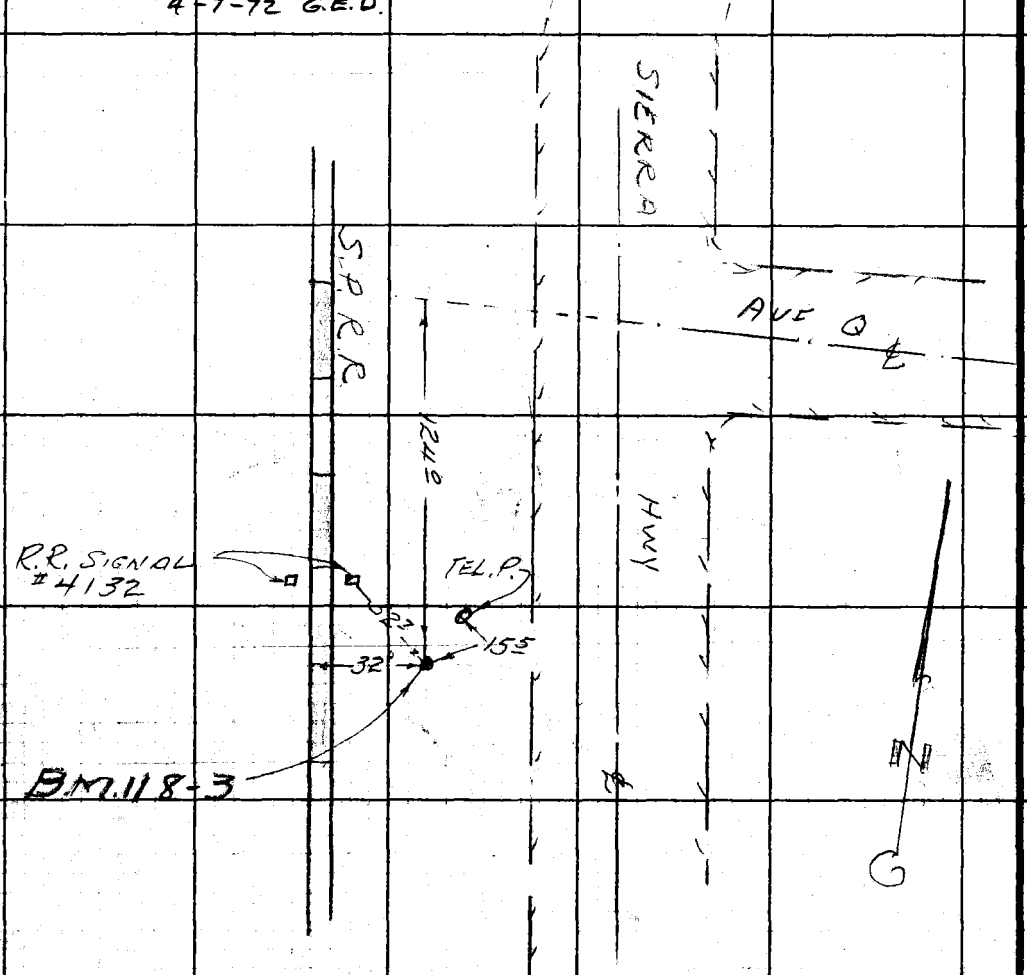
76F3095 247 2-51

F.B. 1382 PG. 8

B.M. 118-3 (U.S. 3188 H 426)
ABT. 0.5 MI. N. ALG. THE S.P.R.R. FR. THE STA. AT PALMDALE, 53' S.E. OF SIGNAL 4132, ABT. 127' S. OF ROAD XING 4131, 32' E. OF THE ℄ OF THE TRACK, AND 87' W. OF THE N.W. COR. OF THE "CURVE SERVICE STA." SIGN-BOARD. A STD DISK, STAMPED "H 426 1935" AND SET IN THE TOP OF A CONC. POST.
1938 U.S.C. & G.S. ADJ. ELEV. 2640.539

L.A. Co. 1952 Adj. Elev. = 2640.539

Also see F.B. 2410 - 32
FD. BASE WITH TOP BROKEN OFF AND DISC REMOVED
4-7-72 G.E.D.



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

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVELING
Map No.	W.O. 4923 Tape No. Std. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 8-13-52
Date	Indexed C. Johnson

F.B. 1382 Pg. 9

BM 118-4

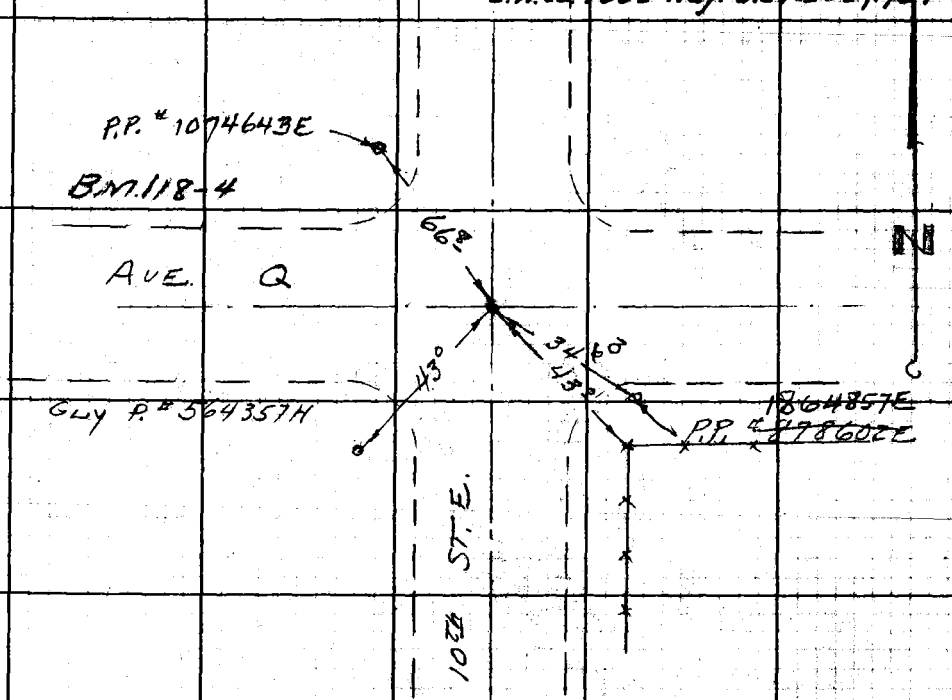
PALMDALE, AVE Q AND 10TH ST. E, ℄ INTERSECTION, A STANDARD COUNTY SURVEYOR MONUMENT MARKED:-

SET IN CONCRETE 9 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

COUNTY SURVEYORS RIZW. T.6 N. 23 24 26 25 1928 MONUMENT

ELEVATION TAKEN ON EDGE OF CAP BY LETTER "E." IN "MONUMENT"

L.A.Co. 1952 Adj. Elev. 2627.737



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

Do not extend notes this side of this line.

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

76F3095 247 2-51

F.B. 1382 PG. 10

B.M. 118-5A

PALMDALE, AVE. Q AND 15th ST. E., ℄ INTERSECTION, A STANDARD COUNTY SURVEYOR MONUMENT MARKED:—

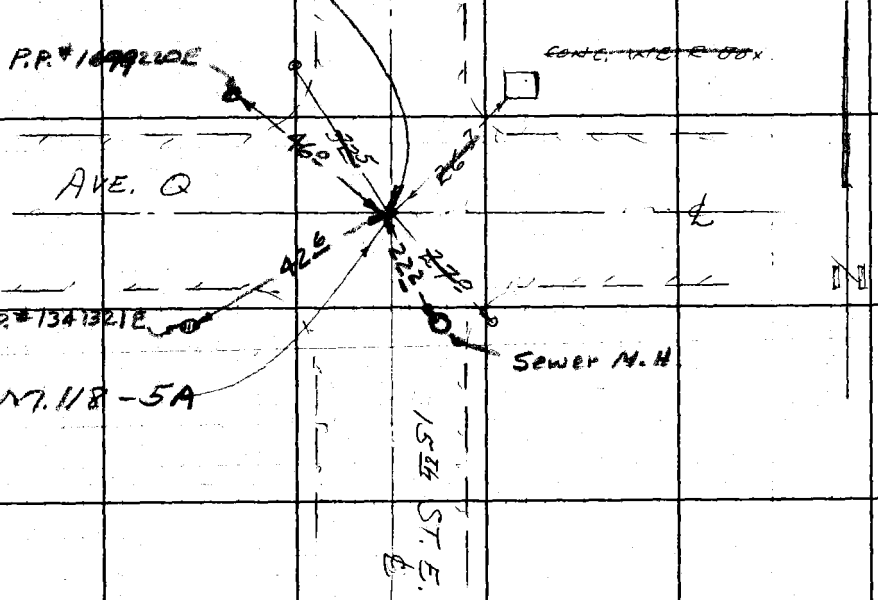
SET IN CONCRETE 24 INCHES BELOW THE SURFACE IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

COUNTY SURVEYORS MONUMENT
T.6N.
R.12W.
24
25
1/4 COR.
1928

The C.S. Br. Cap Mon replaced with a C.E. Br. Cap Mon., on a 6" Conc. Post, Marked as shown, Dn. 7" in a Well & Cover.
RCB 5/11/67

ELEVATION TAKEN ON EDGE OF BRASS CAP BY LETTER "E" IN "SURVEYOR"
L.A.Co. 1952 Adj. Elev. = 2610.206

COUNTY ENGINEER
T.6N.
R.12W.
24
25
1/4 COR.
R.E. 5869



RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVELING
Map No.	W. O. 4129 Tape No. Std. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G. E. DREIER Date 8-7-52
Date	Indexed J. C. Johnson

F.B. 1382 Pg. 11

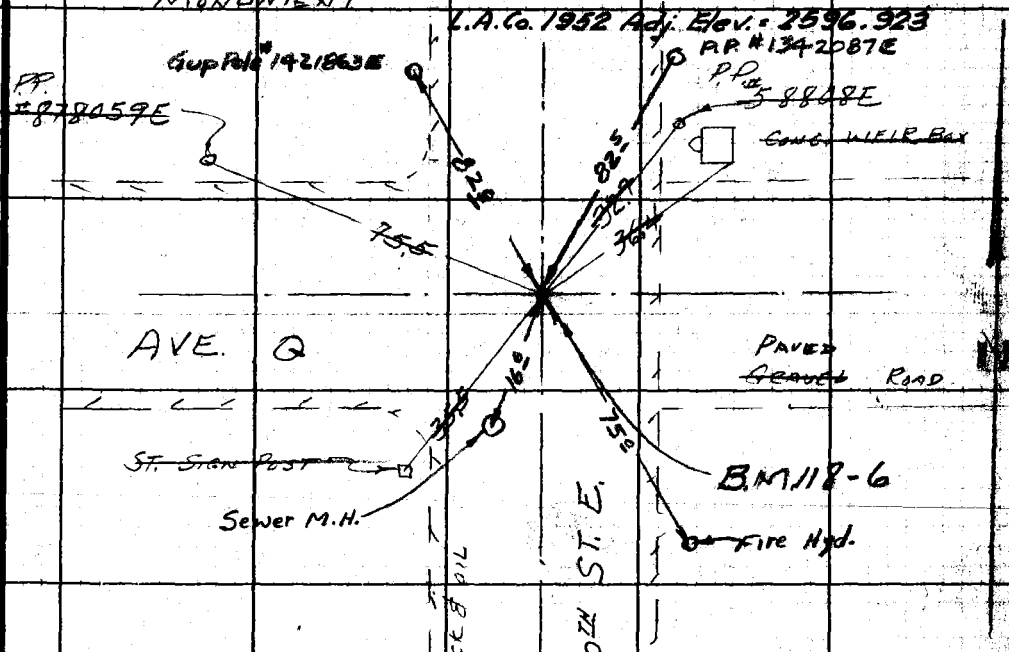
PALMDALE, AVE Q AND 20TH ST. EAST, A STANDARD COUNTY SURVEYOR MONUMENT MARKED:-

COUNTY SURVEYOR MONUMENT T.6N. R.12W. 24 19 25 30 R.11W. 1926

SET IN CONCRETE 13 INCHES BELOW THE SURFACE, ON THE ℄ INTERSECTION OF THE STREETS, IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

ELEVATION TAKEN ON EDGE OF BRASS CAP AT A POINT NEAR THE FIRST LETTER "M" IN "MONUMENT"

L.A.Co. 1952 Adj. Elev. = 2596.923



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

Do not extend notes this side of this line.

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

76F3095 247 2-51

F.B. 1382 PG. 12

B.M. 118-7

PALMDALE, 20TH ST. EAST AND AVE. Q-8

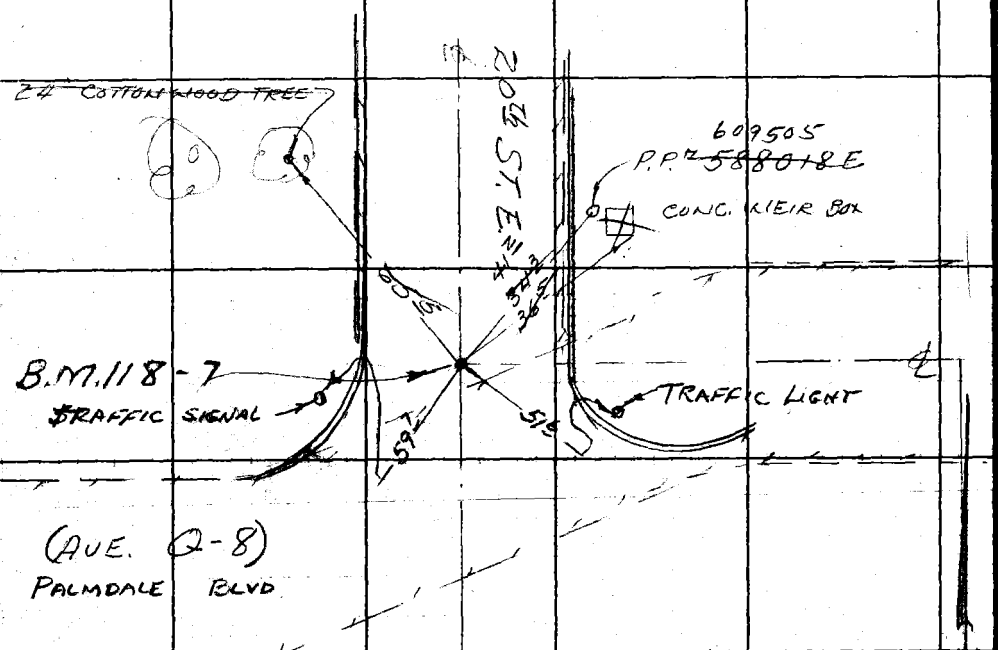
A STANDARD COUNTY SURVEYOR MONUMENT

MARKED:—

COUNTY SURVEYOR T.6N. R.12W. 25+30 1928 MONUMENT

SET IN CONCRETE 11 INCHES BELOW THE SURFACE ON ℄ OF 20TH ST. E. AND AVE Q-8 TO EAST, IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

L.A.Co. 1952 Adj. Elev = 2607.857



RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

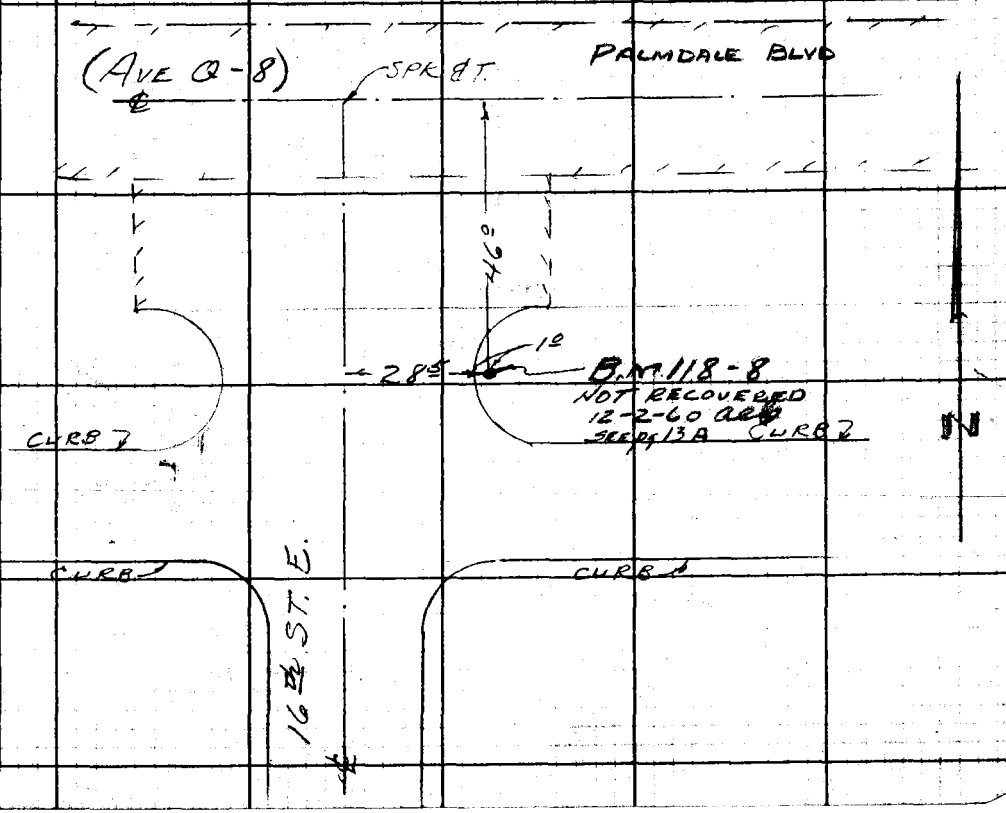
F.B. 1382 Pg. 13

Notes Ch'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 8-13-53
Date	Indexed L. C. Johnson

PALMDALE, AVE. Q-8 AND 16TH ST. E.,
A STANDARD COUNTY SURVEYOR MONUMENT MARKED "B.M. 18-8 1952 RE.63" SET IN CONCRETE 1 INCH LOWER THAN THE CURB, AND 1 FT BACK OF THE CURB, 46 FT SOUTH OF THE ℄ OF AVE Q-8 AND 28.5 FT EAST OF THE ℄ OF 16TH ST. E. IN THE WEST END OF THE PARKWAY BETWEEN THE MAIN HWY. AND THE SERVICE STREET.

NOT RECOVERED 12-2-60 ACB

L.A. Co. 1952 Adj. Elev. = 2621.388



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

Do not extend notes this side of this line.

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

76F309S 247 2-51

F.B. 1382 PG. 14

B.M. 118-9

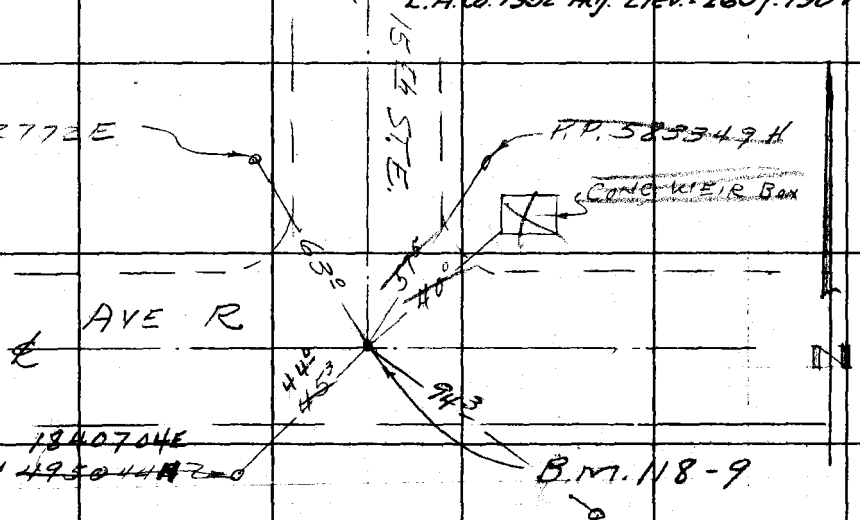
PALMDALE, AVE. R. AND 15th ST. E. ℄ INTERSECTION, A STANDARD COUNTY SURVEYOR MONUMENT MARKED:—

COUNTY SURVEYOR
T. 6 N.
R. 12 W.
25
36
1/4 COR.
1928
MONUMENT

SET IN CONCRETE 15 INCHES BELOW THE SURFACE IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

ELEVATION TAKEN ON EASTERLY EDGE OF BRASS CAP BETWEEN 2ND "S" IN "SURVEYORS" AND "T" IN "MONUMENT"

L.A.Co. 1952 Adj. Elev. = 2637.190



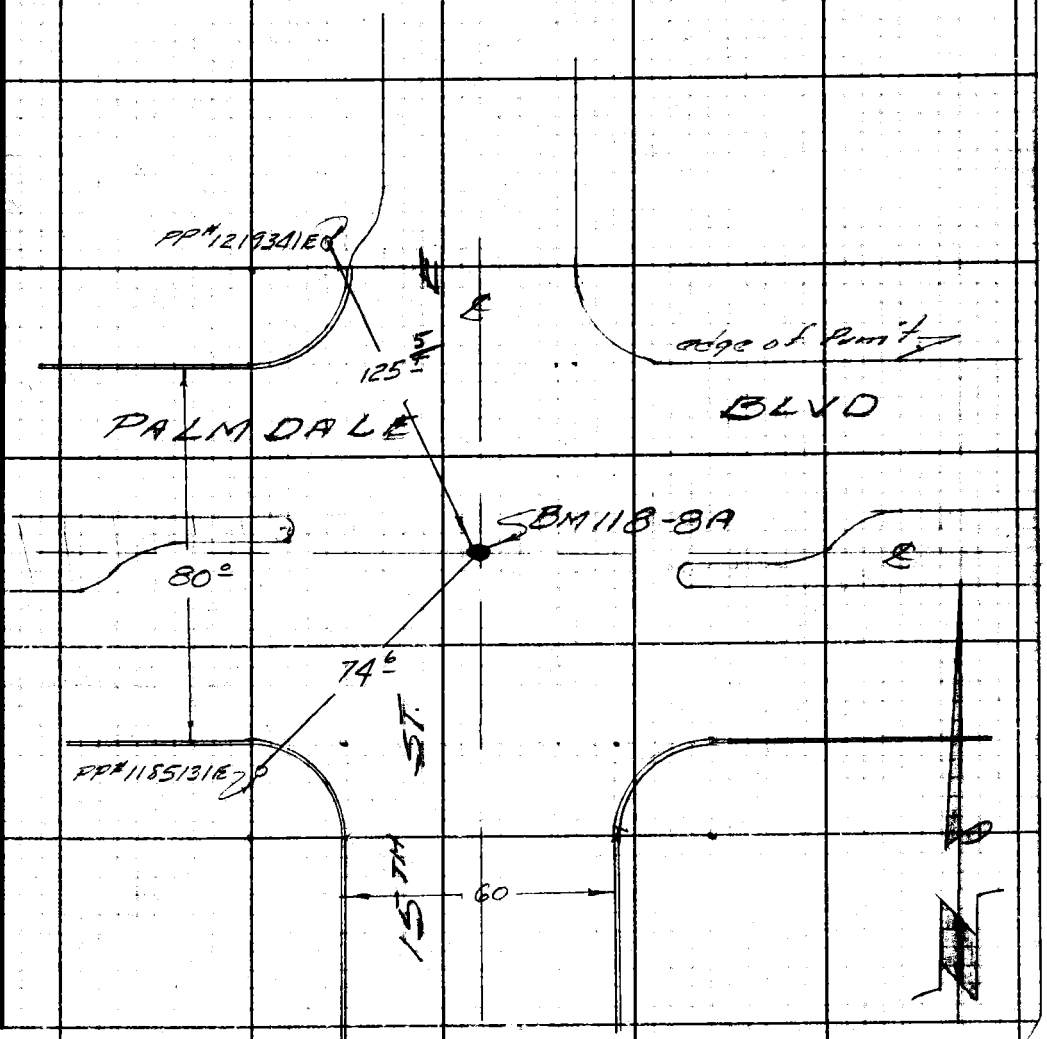
RETURN TO
LOS ANGELES COUNTY SURVEYOR
72B LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET F. B. 1362 No. 13A
Map No.	JN 0301.02 Tape Std. °F
Office Work	Surveyed by AC GUIZADO
Checked	Notes A.C.G. Date 12/8/60
Date	Indexed

BM 118-8A (State of Calif MON)
PALMDALE BLVD & 15TH ST E @ &
INT. FD a 3½" BRASS CAP IN CONC. MON
MK'd "State of Calif DIVISION OF HWYS"
IN A WELL ON 10" & PROTECTED BY A
CAST IRON COVER



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

Do not extend this side of this line.

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

76F3095 SSE #247 11-58

F. B. 1382 PG 14A

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 8-13-52
Date	Indexed A. C. Johnson

F. B. 1382 PG. 15

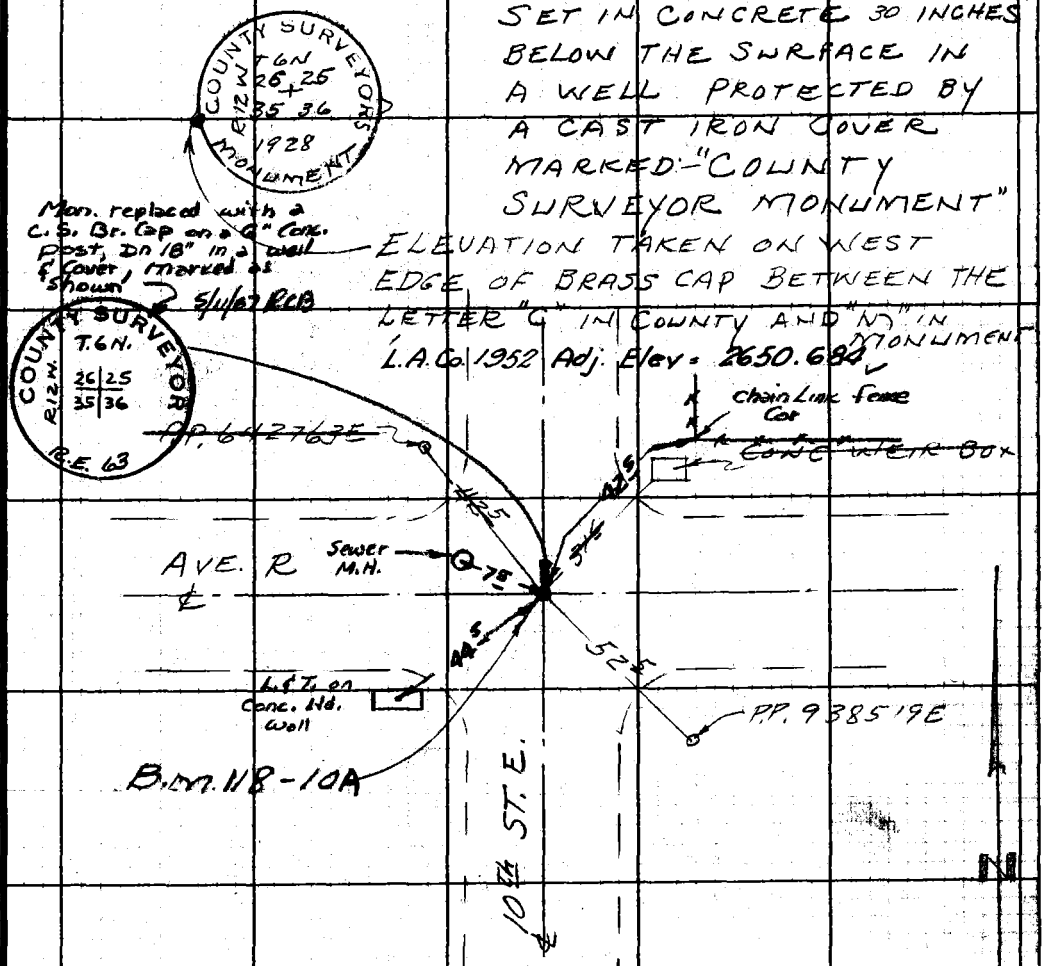
B.M. 118-10A

PALMDALE, AVE R AND 10TH ST E.,
℄ INTERSECTION, A STANDARD COUNTY
SURVEYOR MONUMENT MARKED:—

SET IN CONCRETE 30 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

ELEVATION TAKEN ON WEST EDGE OF BRASS CAP BETWEEN THE LETTER "C" IN COUNTY AND "N" IN MONUMENT

L.A.Co. 1952 Adj. Elev. = 2650.688



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

Do not extend notes this side of this line.

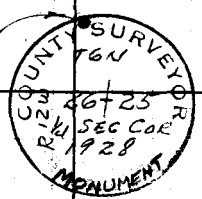
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 2.51

F.B 1382 PG. 16

B.M. 118-11

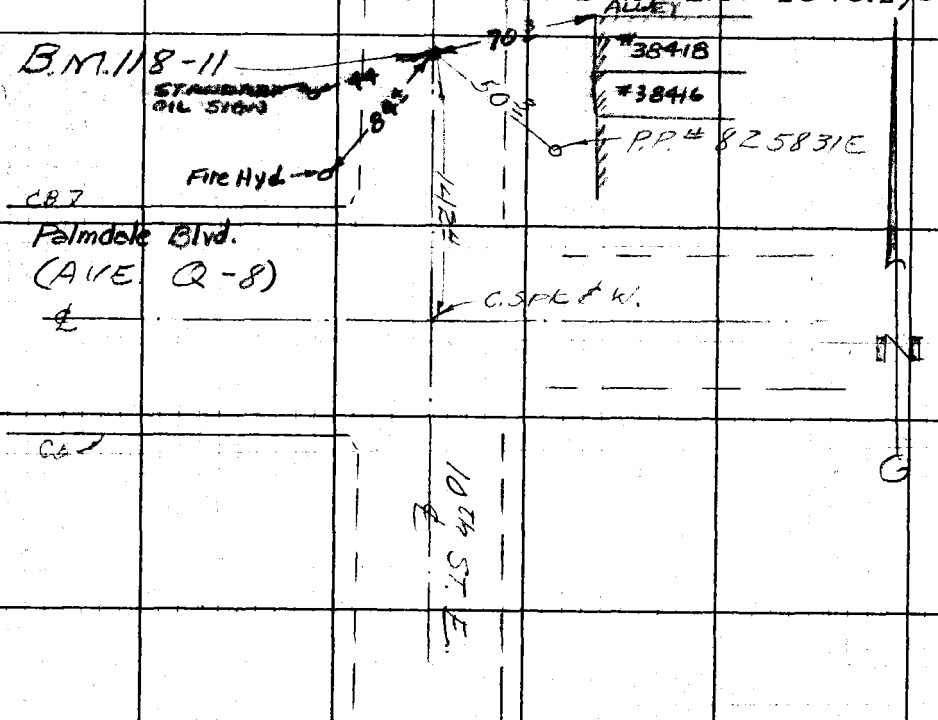
PALMDALE, 10th ST. E., 1424 FEET NORTH OF THE ℄ INTERSECT OF AVE Q-8, A STANDARD COUNTY SURVEYOR MONUMENT MARKED:-



SET IN CONCRETE 11 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

ELEVATION TAKEN ON NORTH EDGE OF BRASS CAP BETWEEN THE LETTERS "Y" IN "COUNTY" AND "S" IN "SURVEYORS"

L.A. Co. 1952 Adj. Elev = 2643.270



RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

F.B. 1382 Pg. 16-A

Notes Ck'd by	Survey of
Map No.	W.O. Tape No. St'd. °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

[illegible]	[illegible]	[illegible]	[illegible]	2669.224 ✓
E 811	U.S. 4689 ✓			2666.831 ✓
D 811	U.S. 4688 ✓			[illegible] ✓
C 811	U.S. 4687 ✓			2662.104 ✓
U.S. 3196	Q 426			2661.514 ✓
U.S. 829				2658.708 ✓
B 811	U.S. 4684 ✓			2658.212 ✓
A 811	U.S. 4682 ✓			2654.634 ✓
U.S. 3192	M 926			2651.167 ✓
U.S. 3191				2630.901 ✓
U.S. 3190				2644.945 ✓
U.S. 3189				2642.403 ✓
T.B.M. #1				2617.675 ✓
T.B.M. #2				2630.639 ✓
T.B.M. #3				2650.239 ✓
T.B.M. #4				2651.929 ✓
T.B.M. #6				2648.828 ✓
T.B.M. #5				2633.815 ✓

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

Do not extend notes this side of this line.

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

75F3095 247 2-51

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

Note: Any Additions or Changes on This Sheet Must 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. _____ Pg. _____

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From To
Date
Indexed R. C. Johnson 8-14-52

Chief of Party Weather Inst. No.
Notes by Time Rod No.

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

LINE NO. 118, PALMDALE
Note Line #18 changed to #118

NOTE: — THE NOTES TO FOLLOW IN F.B. 1382 PAGES 18 TO 102 WERE COMPILED WITH THE USE OF "ZEIS OPTON" LEVEL NO. "Nr 142552", EQUIPPED WITH A RETICLE MARKED IN SUCH A MANNER AS TO MAKE THE HORIZONAL DISTANCE EQUAL TO 100 TIMES THE INTERVAL ON ROD INTERCEPTED BETWEEN UPPER AND LOWER STADIA HAIRS

FORM 379 5M 7-40

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 & BREEZY Inst. No. Hn 142552
Notes by G.E. DREIER Time 11:45 TO 2:05 PM Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 118-1 To B.M. 118-2
Date 8-5-52 ~~E. O. 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
	4.402		667		#5	6.748		672		B.M. 18-1 (U.S. 3203 X 426)
	3.735		669			6.076		673		S.P.R.R. & AVE. R
	3.066		1.336			5.403		1.345		SEE F.B. 1382-6
1	11.203	3.734		1.336	97°	18.227	6.076		1.345	FOR DESCRIPTION
										T. E. LANDA
										U.S. 3202 W 426
	4.332		614			6.740		630		
	3.718		616			6.110		630		
	3.102		1.230			5.480		1.260		
2	11.152	3.717		2.566		18.330	6.110		2.605	
										U.S. E 811 1947
	4.610		697			6.363		655		
	3.913		700			5.708		658		
	3.213		1.397			5.050		1.313		
3	11.736	3.912		3.963		17.121	5.707		3.918	U.S. D 811 1947
		11.363					17.893			

F.B. 1382 PG. 18

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 & BREEZY Inst. No. Nr. 142552
Notes by G.E. DREIER Time 11:45 TO 2:05 PM Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 118-1 To B.M. 118-2
Date 8-5-52
Indexed L. 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
	5.448	11.363	.725	3.963		6.039	17.893	.731	3.918	
	4.723		.721			5.308		.731		
	4.002		1.446			4.577		1.462		
4	14.173	4.724		5.409		15.924	5.308		5.380	
	5.697		.715			6.583		.718		
	4.982		.719			5.865		.720		
	4.263		1.434			5.145		1.438		
5	14.942	4.981		6.843		17.593	5.864		6.818	STOPPED 12:00 TO 1:00
	5.810		.416			6.239		.431		
	5.394		.418			5.808		.428		
	4.976		.834			5.380		.859		
6	16.180	5.393		7.677		17.427	5.809		7.677	
	5.058		.429			6.094		.419		
	4.629		.428			5.675		.418		
	4.201		.857			5.257		.837		
7	13.888	4.629		8.534		17.026	5.675		8.514	U.S. C.8.1
	5.348		.688			5.942		.692		
	4.660		.689			5.250		.691		
	3.971		1.377			4.559		1.383		
8	13.979	4.660		9.911		15.751	5.250		9.897	U.S. 3196 Q 426
		35.750					45.799			

F.B. 1382 PG. 19

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-BREEZY Inst. No. NF 142552
Notes by G.E. DREIER Time 11:45 TO 2:05 P.M. Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 118-1 To B.M. 118-2
Date 8-5-52
Indexed L. 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
	4.959	35.750	700	9.911		6.460	45.799	728	9.897	SUMMATION OF RUN
	4.259		701			5.732		725		B.M. 118-1 TO B.M. 118-2
	3.558		1401			5.007		1453		TOTAL BACKSIGHTS + 53.071
9	12.776	4.259		11.312		17.199	5.733		11.350	TOTAL FORESIGHTS - 66.357
						5.588		634		DIFF IN ELEV. - 13.286
						4.954		633		
						4.321		1.267		
						14.863	(4.954)			U.S. Y 811 SIDE SHOT
	5.966		755			7.281		734		
	5.211		753			6.547		736		
	4.458		1508			5.811		1470		
10	15.635	5.212		12.820		19.639	6.546		12.820	U.S. 829 B.M. 38 1902
	4.082		465			7.126		456		
	3.617		466			6.670		458		
	3.151		931			6.212		914		
11	10.850	3.617		13.751		20.008	6.669		13.734	
	4.528		296			1.931		321		B.M. 118-2 (U.S. 2141 E57)
	4.232		294			1.610		321		AVE. Q-8 & SIERRA HWY.
	3.938		590			1.289		642		SEE F.B. 1382-7
12	12.698	4.233		14.341	104°F	4.830	1.610		14.376	FOR DESCRIPTION
		53.071					66.357			

F.B. 1382 PG. 20

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 & BREEZY Inst. No. H2 142552
Notes by S. SHIMODA Time 2:05 - 3:50 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 118-2 To B.M. 118-1
Date 8-5-52
Indexed L. 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
	1939		321		#5	4537		297		BM 118-2 (US 214) (E 57)
	1618		321			4240		295		AVE Q-8 & SIERRA HWY
	1297		642			3945		592		SEE F.B. 1382-7
1	4854	1.618		642	104°	12722	4.241		592	FOR DESCRIPTION
	7210		455			4168		468		
	6755		455			3700		466		⊼ E LANDA
	6300		910			3234		934		
2	20265	6.755		1552		11102	3.701		1526	
		8.373					7.942			U.S. 829 BM 38 1902
	7281		737			5969		754		
	6544		737			5215		756		
	5807		1474			4459		1510		
3	19632	6.544		3026		15643	5.214		3036	
	6389		727			4890		701		
	5662		730			4189		704		
	4932		1457			3485		1405		
4	16983	5.661		4483		12564	4.188		4441	
		20.578					17.344			

F.B. 1382 PG. 21

F.B. ..... PG. .....

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. NR 14552
Notes by S. SHINODA Time 2:05-3:50 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 118-2 To BM 118-1
Date 8-5-52
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
		20578		4483			17944		4441	U.S. 3196 (Q 42C)
	5535		694			4970		718		
	4841		691			4252		715		
	4150		1385			3537		1433		
5	14526	4842		5868		12759	4253		5874	
										U.S. (C 811)
	6047		419			5010		428		
	5628		418			4582		429		
	5210		837			4153		857		
6.	16885	5628		6705		13745	4582		6731	
	6259		429			5832		417		
	5830		428			5415		416		
	5402		857			4999		833		
7.	17491	5830		7562		16246	5415		7564	
		36878					31594			

F.B. 1382 Pg. 22

F.B. ____ PG. ____

FORM 372 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. NR 14255
Notes by S. SHINODA Time 2:05 - 3:50 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11F-2 To B.M. 18-1
Date 8-5-52
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
	6800	36.878	719	756.2		5917	31.594	719	756.4	
	6081		716			5198		716		
	5365		1435			4482		1435		
8	18246	6.082		8999		15597	5.199		8999	
	6517		731			5921		720		
	5786		727			5201		721		
	5059		1458			4480		1441		
9	17362	5.787		10455		15602	5.20		10440	
		48.747					41.994			US (D 81K)
	6658		667			4882		687		
	5991		668			4195		689		
	5323		1335			3506		1376		
10	17972	5.99		11790		12583	4.194		11816	
										US (E 711)
		54.738					46.188			

F.B. 1382 PG. 23

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. NR 142552
Notes by S. SHINODA Time 2:05-3:50 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 118-2 To B.M. 118-1
Date 8-5-52
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
	6847	54.738	628	11790		4442	46.88	615	11816	
	6219		628			3827		618		
	5591		1256			3209		1233		
11	18657	6219		13046		11478	3826		13049	
		60.957					50.014			U.S. 3202 (W 426)
	6958		675			4611		669		B.M. 18-1 (U.S. 3203) (X 426)
	6283		672			3942		671		S.P.R.R. & AVE R.
	5611		1347			3271		1340		SEE F.B. 1382-6
12	18852	6.284		14393	102°	11824	3.941		14389	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 118-2 TO B.M. 118-1
										TOTAL BACKSIGHTS + 67.241
										TOTAL FORESIGHTS - 53.955
										DIFF. IN ELEV. + 13.286
		67.241					53.955			

F.B. 1382 PG. 24

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. NR142552
Notes by S. SHINODA Time 3:05-3:30 PM Rod No. 546

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM 18-2 To BM 18-3
Date 8-5-52
Indexed L. 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
	1942		321		#5	4659		297		BM 18-2 (US 241) (E 57)
	1621		321			4362		293		SIERRA HWY & AVE Q-8
	1300		642			4069		590		SEE F.B. 1382-7
1	4863	1.621		.642	104°	13090	4363		.590	FOR DESCRIPTION
	9220		767			7025		663		
	8653		671			6362		662		⊼ E. LANDA
	7982		1438	19		5706		1325		
2	25.655	8.552	3	2.080		19087	6.362		1.915	
	5680		205			5332		343		
	5475		204			4989		344		+
	5271		409	3		4645		687		
3	16.426	5.475		2.489		14.966	4.989		2.602	
		15.648					15.714			US (8.811 1942)
	4366		696			6530		720		
	3670		698			5810		721		
	2972		1394	2		5089		1441		
4.	11008	3.669		3.883		17429	5.810		4.043	
		19.317					21.524			

F.B. 1382 PG. 25

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. NR 142552
Notes by S. SHINODA Time 3:05-3:30 PM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVELING
Job No. 4923
From BM 118-2 To BM 118-3
Date 8-5-52
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
	4317	19.317	265	3883		5909	21.524	419	4043	
	4052		263	7		5490		419		
	3789		528			5071		838		
5	12158	4053		4311		16470	5490		4881	
		23.370					27.014			US (A 811)
	5090		687			6004		736		
	4403		685			5268		738		
	3718		1372			4530		1474		
6	13211	4404		5783		15802	5267		6355	
	4341		345			6951		353		
	3996		346			6598		353		STOPPED 3:30 PM 8-5-52
	3650		691			6245		706		
7	11987	3996		6474	104°	19794	6598		7061	
										US 3192 (M 426)
		31.770					38.879			

F.B. 1382 PG. 26

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. NR 142552
Notes by S. SHINODA Time 8:40-9:00 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 118-2 To BM 118-3
Date 8-6-52
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
	6072	31.770	702	0474		5817	38.879	725	706	
	5370		702			5092		725		
	4668		1404			4367		1450		
8	16110	5370		7878	89°	15276	5.092		8511	BEGAN 8:40 AM. 8-6-52
	4342		331			4842		287		
	4011		332			4555		287		
	3679		663			4268		574		
9	12032	4011		8541		13665	4555		9085	
		41.151					48.526			US 3191 (L 42C)
	3711		671			5653		671		
	3040		670			4982		672		
	2370		341			4310		1343		
10	9121	3040		9882		14945	4982		10428	
	4028		380			8042		381		
	3648		383			7661		381		
	3265		763			7280		762		
11	10941	3.647		10643		22983	7.661		11190	
		47.838					61.169			

F.B. 13892 PG. 27

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. 50010
Notes by S. SHINODA Time 8:40-9:00AM Rod No. 5&C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 118-2 To BM 118-3
Date 8-6-52
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
		47.838		10645 5			41.169		11190	U.S. 3190 (K 426)
	6269		704			5683		730		
	5565		706			4953		730		
	4859		1410			4223		1460		
12	16693	5564		12055 19		14859	4953		12650	
	3688		360			6814		335		
	3328		361			6479		337		
	2967		721			6142		672		
13	9983	3328		12776 6		19435	6478		13342 2	
		56.730					72.600			US 3189 (J 426)
	5755		656			5771		671		
	5099		658			5100		671		
	4441		1314			4429		1342		
14	15295	5098		14090 39		15300	5100		14654 6	
		61.828					77.700			

F.B. 392 PG. 28

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. NR 142552
Notes by J. SHINODA Time 8:40-9:00AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 118-2 To BM 118-3
Date 8-6-52
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
	4407	61828	382	14590 39		6262	77.700	375	14654 6	B.M. 118-3 (US 3188)(H426)
	4025		382			5887		376		S.P.R.R. & AVE. Q
	3643		764			5511		751		SEE F.B. 1382-8
15	12075	4025		14854 7		17660	5887		15405 1	FOR DESCRIPTION
										SUMMATION OF RUN BM 118-2 TO BM 118-3
										TOTAL BACKSIGHTS +65.853
										TOTAL FORESIGHTS -83.587
										DIFF IN ELEVATION -17.734
		65.853					83.587			

F.B. 1382 PG. 29

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 ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

Name L. A. CO. PRECISE LEVEL NET
Job No. .....
From ..... To .....
Date .....
Indexed .....

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1382 PG. 30										

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. NR 142552
Notes by S SHINODA Time 9:20 - 10:20AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 118-3 To BM 118-2
Date 8-6-52
Indexed L. 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
	6177		377		#5	4314		381		BM 118-3 (US 3188) (1426)
	5800		378			3933		382		S.P.R.R. & AVE. Q
	5422		755			3551		763		SEE F.B. 1382-8
1	17399	5.800		75.5	89°	11798	3.933		76.3	FOR DESCRIPTION
	5751		669			5739		656		
	5082		672			5083		654		⊼ G E DREIER
	4410		1341			4429		1310		
2	15243	5.081		209.6		15251	5.084		207.3	
		10.881								US 3189 (J 42 C)
	6679		338			3542		357		
	6341		339			3185		357		
	6002		677			2828		714		
3	19022	6.341		277.3		9555	3.185		278.7	
	5747		727			6339		708		
	5020		728			5631		707		
	4292		1455			4924		1415		
4	15059	5.020		422.8		16894	5.631		420.2	
		22.242					17.833			

F.B. 1382 PG. 31

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. NR 142552
Notes by S. SHINODA Time 9:20-10:20 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM 118-3 To BM 118-2
Date 8-6-52
Indexed R. 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
		22.242		422.8			17.833		420.2	U.S. 3190 (K 42C)
	8052		379			4037		382		
	7673		379			3657		385		
	7294		758			3272		767		
5	23019	7673		498.6		10966	3.656		496.9	
	5699		676			3752		665		
	5023		676			3087		667		
	4347		1352			2420		1332		
6	15069	5.023		633.8		9259	3.086		630.1	
		34.938					24.575			U.S. 3191 (L 42C)
	4860		310			4311		309		
	4550		310			4002		310		
	4240		620			3692		619		
7	13650	4550		695.8		12005	4002		692.0	
		39.488					28.577			

F.B. 1392 PG. 32

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. NR 142551
Notes by S Shinoda Time 9:20-10:20 AM Rod No. S & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 118-3 To BM 118-2
Date 8-6-52
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
	5928	39.488	718	6958		6204	28.577	712	6920	
	5210		719			5492		712		
	4491		1437			4780		1424		
8	15629	5.210		8395		16476	5.492		8344	
							35.069			US 3192 (M 226)
	6910		360			4280		338		
	6550		360			3942		340		
	6190		720			3602		678		
9	19650	6.550		9115		11824	3.944		9022	
	5934		701			5099		725		
	5233		701			4374		724		
	4532		1402			3650		1449		
10	15699	5.233		10517		13123	4.374		10471	
										US (A 811)
		56.481					42.384			

F.B. 1382 PG. 33

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 NR 14552
Notes by S. SHINODA Time 9:20-10:20AM Rod No. S & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 118-3 To B.M. 118-2
Date 8-6-52
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
	5609	56.481	325	1051.7		4247	42.384	359	1047.1	
	5324		324			3888		359		
	5000		649			3529		718		
11.	15973	53.24		1116.6		11664	38.88		1118.9	
	6364		720			4202		698		
	5644		721			3504		701		
	4923		1441			2803		1399		
12	16931	56.44		1260.7		10509	35.03		1258.8	
		69.449					49.775			U.S. (B.811)
	4719		291			5169		256		
	4428		291			4913		255		
	4137		582			4658		511		
13	13284	44.28		1315.5		14740	49.13		1309.9	
	6029		541			8320		642		
	5488		544			7678		646		
	4944		1085			7032		1288		
14	16461	54.87		1427.4		23030	76.77		1438.7	
		77.364					62.365			

F.B. 1382 PG. 34

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. NR 142552
Notes by S. SHINODA Time 9:20- Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 118-3 To B.M. 118-2
Date 8-6-52
Indexed E. 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
	5024	77.364	332	14274		2232	62.365	281	14387	B.M. 118-2 (US 241) (E 57)
	4692		332			1951		282		SIERRA HWY & AVE Q-8
	4360		664			1669		563		SEE F.B. 1382-7
15	14076	4692		14938	97°	5852	1.951		14950	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 118-3 TO B.M. 118-2
										TOTAL BACKSIGHTS +82.056
										" FORESIGHTS +64.316
										DIFF. IN ELEV. +17.740
										FCG
		82.056					64.316			

F.B. 1382 PG. 35

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: ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

Name L. A. CO. PRECISE LEVEL NET
Job No. .....
From ..... To .....
Date .....
Indexed .....

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

F.B. 382 PG. 36

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. NR 142552
Notes by S. SHINODA Time 10:35 - 11:00AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 118-3 To BM 118-4
Date 8-6-52
Indexed L. 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
	4610		642		#5	6387		667		BM 118-3 (US 3178) (1426)
	3968		645			5720		669		SEE F.B. 1382-?
	3323		1287			5051		1336		FOR DESCRIPTION
1.	11901	3967		128.7	97°	17158	5.719		133.6	
	3382		720			7401		734		
	2662		721			6667		737		T. E. LANDA
	1941		1441			5930		1471		
2	7985	2662		272.8		19998	6666		280.7	
	4958		728			6281		723		
	4230		727			5558		726		
	3503		1455			4832		1449		
3	12691	4230		418.3		16671	5557		425.6	
	5479		742			6330		706		
	4737		739			5624		706		
	3998		1481			4918		1412		
4	14214	4738		566.4		16872	5624		566.8	
	5063		725			6216		723		
	4338		728			5493		724		
	3610		1453			4769		1447		
5	13011	4337		711.7		16478	5.493		711.5	
		19.934					29.059			

F.B. 1382 PG. 37

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. NR142552
Notes by S. SHINODA Time 10:35-11:00 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 118-3 To BM 118-4
Date 8-6-52
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
	5337	19.934	723	711.7		6870	21.059	722	711.3	
	4614		724			6148		726		
	3890		1447			5422		1448		
6	13841	4614		856.4		18440	6147		856.3	
	5208		828			7350		830		BM 118-4
	4380		831			6520		829		AVE Q & 10TH ST. EAST
	3549		1659			5691		1659		SEE F.B. 1382-9
7	13137	4379		1022.3	100°	19561	6520		1022.2	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 118-3 TO BM 118-4
										TOTAL BACKSIGHTS +28.927
										" FORESIGHTS -41.726
										DIFF. IN ELEVATION -12.799
		28.927					41.726			

F.B. 1382 PG. 38

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. NR 142552
Notes by S. SHINODA Time 11:05-11:30AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 118-4 To BM 118-3
Date 8-6-52
Indexed L. 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
	7295		827		#5	5153		829		BM 118-4
	6468		829			4324		828		AVE. Q & 10TH ST. EAST
	5639		1656			3496		1657		SEE F.B. 1382-9
1.	19402	6467		1656		12973	4324		1657	FOR DESCRIPTION
	6820		722			5290		725		
	6098		724			4565		723		π E LANDA
	5374		1446			3842		1448		
2	18292	6097		3102		13697	4566		3105	
	6282		722			5126		725		
	5560		726			4401		726		
	4834		1448			3675		1451		
3	16676	5559		4550		13202	4400		4556	
	6358		726			5465		717		
	5632		725			4748		719		
	4907		1451			4029		1436		
4	16897	5632		6001		14242	4747		5992	
	6271		723			4942		724		
	5548		725			4218		726		
	4823		1448			3492		1450		
5	16642	5547		7449		12652	4217		7442	
		29302					22255			

F.B. 1382 PG. 39

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. NR 142552
Notes by S. SHINODA Time 11:05-11:30 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 118-4 To B.M. 118-3
Date 8-6-52
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
	7350	29.302	734	7449		3335	22.255	722	7442	
	6616		736			2613		723		
	5880		1470			1890		1445		
6	19846	6615		8919		7838	2613		8887	
	6526		681			4730		641		B.M. 118-3 (U.S. 3188) (H426)
	5845		682			4089		640		
	5163		1363			3449		1281		SEE F.B. 1382-8
7	17534	5845		10282	101°	12268	4089		10168	
										SUMMATION OF RUN B.M. 118-4 TO B.M. 118-3
										TOTAL BACKSIGHTS +41.762
										TOTAL FORESIGHTS -28.957
										DIFF IN ELEVATION +12.805
		41.762					28.957			

F.B. 1382 PG. 40

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. NR 142552
Notes by S. SHINODA Time 7:20 - 7:55 AM Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM 118-4 To BM 118-5
Date 8-7-52
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
	5568		720		#5	6813		723		BM 118-4
	4848		720			6090		725		AVE. Q & 10TH ST. E.
	4128		1440			5365		1448		SEE F.B. 1382-9
1	14544	4848		1440	83°	18268	6.089		1448	FOR DESCRIPTIO
	4643		722			6982		723		
	3921		723			6259		720		⊼ G.E. DREIER
	3198		1445			5539		1443		
2	11762	3.921		2885		18780	6.260		289.1	
	5046		726			7370		722		
	4320		726			6648		726		
	3594		1452			5922		1448		
3	12960	4.320		4337		19940	6.647		4339	
	4399		722			7345		723		
	3677		725			6622		722		
	2952		1447			5900		1445		
4	11028	3.676		5784		19867	6.622		5784	
	5197		543			6393		532		T.B.M. #1
	4654		543			5861		530		AVE Q & 12th ST. E. S.E. COR.
	4111		1086			5331		1062		LAC. B. SPK IN P.P. 354344 E.
5	13962	4654		6870		17585	5862		6846	
		21.419					31.480			

F.B. 1382 PG. 41

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. DORIER Weather CLEAR Inst. No. NR 12552
Notes by S. SHINODA Time 7:20-7:55 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 118-4 To BM 118-5
Date 8-7-52
Indexed E. 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
	4739	21.449	720	687.0		6098	31.284	724	6846	
	4019		720			5374		724		
	3299		1440			4650		1448		
6	12057	4.019		831.0		16122	5.374		8294	
	5680		724			6191		720		
	4956		726			5471		720		
	4230		1450			4751		1440		
7	14866	4.955		9760		16413	5.471		9734	
	5797		727			6923		715		
	5070		730			6208		716		SUMMATION OF RUN
	4340		1457			5492		1431		BM 118-4 TO BM 118-5
8	15207	5.069		11217		18623	6.208		11165	
	5936		737			7273		710		TOTAL BACKSIGHTS + 45.494
	5199		739			6563		712		" FORESIGHTS - 63.021
	4460		1476			5852		1422		DIFF. IN ELEVATION - 17.527
9	15595	5.198		12693		19688	6.563		12587	
	5164		330			8300		375		BM 18-5
	4834		330			7925		375		AVE Q & 15TH ST. E
	4504		660			7550		750		SEE F.B. 1382-10
10.	14502	4.834		13353	86°	23775	7.925		13337	FOR DESCRIPTION
		45.494					63.021			

F.B. 1382 PG. 42

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
Notes by S. SHINODA
Weather CLEAR
Time 8:50 - 9:15 AM
Inst. No. NR 142552
Rod No. 566

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 118-5 To BM 118-4
Date 8-7-52
Indexed L. 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
	8166		353		#5	5075		353		BM 118-5
	7813		352			4722		352		AVE Q & 15TH ST E
	7461		705			4370		705		SEE F.B. 1382-10
1.	23440	7.813		705	90°	14167	4.722		705	FOR DESCRIPTION
	7358		725			5995		725		
	6633		723			5270		726		⊼ G.E. DREIER
	5910		1448			4544		1451		
2.	19901	6.634		2153		15809	5.270		2156	
	6968		724			5822		720		
	6244		724			5102		723		
	5520		1448			4379		1443		
3	18732	6.244		3601		15303	5.101		3599	
	6191		728			5668		721		
	5463		725			4947		722		
	4738		1453			4225		1443		
4	16392	5.464		5054		14840	4.947		5042	
	6095		726			4730		718		T.B.M. #1 AVE Q & 12TH ST E
	5369		727			4012		716		S.E. COR. LOT 5 BLK. 1N
	4642		1453			3296		1434		P.P. # 354344 E.
5	16106	5.369		6507		12038	4.013		6476	
		31.524					24.053			

F.B. 1382 PG. 43

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. NR 142552
Notes by S. SHINODA Time 8:50 - 9:15 AM Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923 4923
From BM 118-5 To BM 118-4
Date 8-7-52
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
	6283	31.524	532	650.7		5083	22.053	541	647.6	
	5751		531			4542		542		
	5220		1063			4000		1083		
6	17254	5.751		7570		13625	4.542		7559	
	7279		723			4331		725		
	6556		726			3606		724		
	5830		1449			2882		1449		
7	19665	6.555		9019		10819	3.606		9008	
	7333		723			5008		725		
	6610		725			4283		724		SUMMATION OF RUN
	5885		448			3559		449		BM 18-5 TO BM 118-4
8	19828	6.609		1046.7		12850	4.283		1045.7	
	6913		722			4579		723		TOTAL BACKSIGHTS +62.552
	6191		722			3856		725		" FORESIGHTS -45.018
	5469		444			3131		448		DIFF. IN ELEVATION +17.534
9	18573	6.191		1191.1		11566	3.855		1190.5	
	6645		723			5401		722		BM 18-4
	5922		722			4679		722		AVE Q & 10TH ST. E
	5200		445			3957		444		SEE F.B. 1382-9
10	17767	5.922		1335.6	94°	14037	4.679		1334.9	FOR DESCRIPTION
		62.552					45.018			

F.B. 1382 PG. 44

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 NR 142552
Notes by S. SHINODA Time 7:55-8:25AM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 118-5 To BM 118-6
Date 8-7-52
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
	6359		731		#5	6922		724		BM 118-5
	5628		732			6198		726		AVE Q & 15TH ST E
	4896		1463			5472		1450		SEE F.B. 1382 PG 10
1.	16883	5628		1463	86°	18592	6197		1450	FOR DESCRIPTION
	5028		725			6792		724		
	4303		724			6068		728		* GE DREIER
	3579		1449			5340		1452		
2.	12910	4303		2912		18200	6067		2902	
	5393		721			6639		728		
	4672		722			5911		725		
	3950		1443			5186		1453		
3	14015	4672		4355		17736	5912		4355	
	4757		724			6422		724		
	4033		723			5698		726		
	3310		1447			4972		1450		
4	12100	4033		5802		17092	5697		5805	
	5151		725			6412		721		
	4426		726			5691		720		
	3700		1451			4971		1441		
5	13277	4426		7253		17074	5691		7246	
		23.062					29.564			

F.B. 1382 PG. 45

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. NR 142552
Notes by S. SHINODA Time 7:55 8:25 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 18-5 To BM 18-6
Date 8-7-52
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
	4843	23062	723	7253		6591	27564	724	7246	
	4120		723			5867		727		
	3397		1440			5140		1451		
6	12360	4120		8699		17598	5866		8697	
	5237		721			6517		729		
	4516		721			5788		726		SUMMATION OF RUN
	3795		1442			5062		1455		BM 18-5 TO BM 18-6
7	13548	4516		10141		17367	5789		10152	
	5206		725			6211		730		TOTAL BACKSIGHTS + 40.181
	4481		722			5481		732		" FORESIGHTS - 53.461
	3759		1447			4749		1462		DIFF IN ELEVATION - 13.280
8.	13446	4482		11598		16441	5480		11614	
	4871		870			7632		870		BM 18-6
	4001		871			6762		871		AVE Q & 20TH ST E
	3130		1741			5891		1741		SEE F.B. 1382-11
9.	12002	4001		13329	90°	20285	6762		13355	FOR DESCRIPTION
		40.181					53.461			

F.B. 1382 PG. 416

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. NR 142552
Notes by S. SHINODA Time 8:30 - 8:50 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 18-6 To BM 18-5
Date 8-7-52
Indexed E. 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
	7611		869		#5	4851		871		BM 18-6
	6742		871			3980		872		AVE Q & 20TH ST. E
	5871		1740			3108		1743		SEE F.B. 1382-1
1	20224	6.741		174.0	70°	11939	3.980		174.3	FOR DESCRIPTION
	6218		730			5217		726		
	5488		730			4491		728		↑ G.E. DREIER
	4758		1460			3763		1454		
2.	16464	5488		3200		13471	4490		3197	
	6559		727			5281		722		
	5832		727			4559		723		
	5105		1454			3836		1445		
3	17496	5832		4654		13676	4559		4642	
	6571		726			4826		725		
	5845		726			4101		727		
	5119		1452			3374		1452		
4	17535	5845		6106		12301	4100		6094	
	6461		725			5190		723		
	5736		727			4467		723		
	5009		1452			3744		1446		
5.	17206	5.735		7558		13401	4467		7540	
		29.641					21.596			

F.B. 1382 PG. 47

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 NR 142552
Notes by S. SHINODA Time 8:30 - 8:50 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET 4923
Job No. 4923
From BM 18-6 To BM 18-5
Date 8-7-52
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
	6608	29.641	728	7558		4941	21.594	722	7540	
	5880		727			4219		723		
	5153		1455			3496		1445		
6	17641	5.880		9013		12656	4.219		8985	SUMMATION OF RUN
	6690		731			5437		720		B.M. 18-6 TO B.M. 18-5
	5959		729			4717		719		TOTAL BACKSIGHTS + 53.682
	5230		1460			3998		1439		" FORESIGHTS - 40.396
7	17879	5.960		10473		14152	4.717		10424	DIFF IN ELEV. + 13.286
	6815		725			5050		723		
	6090		726			4327		724		
	5364		1451			3603		1447		
8	18269	6.090		11924		12980	4.327		11871	
	6846		735			6258		721		B.M. 18-5
	6111		734			5537		722		AVE Q & 15TH ST. E
	5377		1469			4815		1443		SEE F.B. 1382-10
9	18334	6.111		13393	90°	16610	5.537		13314	FOR DESCRIPTION
		53.682					40.396			

F.B. 1382 PG. 48

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. NR 142552
Notes by S. SHINODA Time 9:40-10:00 AM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 18-6 To BM 18-7
Date 8-7-52
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
	7657		720		#5	5171		725		BM 18-6
	6937		722			4446		726		AVE Q & 20TH ST E
	6215		1442			3720		1451		SEE F.B. 1382-11
1	20809	6936		1442	94°	13337	4446		1451	FOR DESCRIPTION
	6284		722			5572		722		
	5562		723			4850		723		π E LANDA
	4839		1445			4127		1445		
2	16685	5562		2887		14549	4850		2896	
	6247		728			5690		723		
	5519		724			4967		725		
	4795		1452			4242		1448		
3	16561	5520		4339		14899	4966		4344	
	6347		724			5088		725		
	5623		724			4363		724		
	4899		1448			3639		1449		
4	16869	5623		5787		13090	4363		5793	
	6791		720			5099		721		
	6071		721			4378		725		
	5350		1441			3653		1446		
5	18212	6071		7228		13130	4377		7239	
		29712					23002			

F.B. 1382 PG. 49

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. NR 142552
Notes by S. SHINODA Time 9:40-10:00 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-6 To B.M. 18-7
Date 8-7-52
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
	6790	29.712	722	722.8		5334	23.902	724	723.9	
	6068		725			4610		724		
	5343		1447			3886		1448		
6	18201	6.067		8675		13830	4.610		8687	SUMMATION OF RUN B.M. 18-6 TO B.M. 18-7
	6605		721			5148		724		
	5884		723			4424		723		
	5161		1444			3701		1447		TOTAL BACKSIGHTS +53.393
7	17650	5.883		10119		13273	4.424		10134	TOTAL FORESIGHTS -42.471
										DIFF IN ELEVATION +10.922
	6979		724			5219		722		
	6255		724			4497		725		
	5531		1448			3772		1447		
8	18765	6.255		11567		13488	4.496		11581	
	6382		905			6840		901		B.M. 18-7
	5477		909			5939		902		AVE Q-8 & 20TH ST. E
	4568		1814			5037		1803		SEE F.B. 1382-12
9	16427	5.476		13381	95°	17816	5.939		13384	FOR DESCRIPTION
		53.393					42.471			

F.B. 1382 PG. 50

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
Notes by S. SHINODA
Weather CLEAR & WINDY
Time 12:00 TO 12:55 PM
Inst. No. NR 142552
Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-7 To B.M. 18-6
Date 8-7-52
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
	6892		905		75	6438		904		B.M. 18-7
	5987		907			5534		904		20th ST. E & AVE Q-8
	5080		1812			4630		1808		SEE F.B. 1382-12
1	17959	5986		1812	97°	16602	5534		1808	FOR DESCRIPTION
	5277		726			7039		726		
	4551		726			6313		725		π E LANDA
	3825		1452			5588		1451		
2	13653	4551		3264		18940	6313		3259	
	5212		724			6671		721		
	4488		724			5950		720		
	3764		1448			5230		1441		
3	13464	4488		4712		17851	5950		4700	
	5378		728			6838		728		
	4650		726			6110		724		
	3924		1454			5386		1452		
4	13952	4651		6166		18334	6111		6152	
	5071		723			6763		721		
	4348		725			6042		722		
	3623		1448			5320		1443		
5	13042	4347		7614		18125	6042		7593	
		14023					29950			

F.B. 1382 PG 51

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. NR 142552
Notes by S SHINODA Time 12:00-12:55 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 18-7 To BM 18-6
Date 8-7-52
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
	5107	24.023	730	7614		6364	29.950	724	759.3 5	
	4377		726			5640		725		
	3651		1456			4915		1449		
6	13135	4378		9070		16919	5640		9042	
	5743		723			6300		724		
	5020		727			5576		726		SUMMATION OF RUN
	4293		1450			4850		1450		BM 18-7 TO BM 18-6
7	15056	5019		10520		16726	5575		10492	
	5545		716			6275		731		TOTAL BACKSIGHTS +42.634
	4829		719			5544		732		" FORESIGHTS - 53.587
	4110		1435			4812		1463		DIFF IN ELEVATION -10.953
8	14484	4828		11955		16631	5544		11955	
	5111		724			7599		721		BM 18-6
	4387		726			6878		720		AVE Q & 20TH ST E
	3661		1450			6158		1441		SEE FB 1382-11
9	13159	4386		13405	100°	20635	6878		13396	FOR DESCRIPTION
		42.634					53.587			

F.B. 1382 PG. 52

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-WINDY Inst. No Nr 142552
Notes by G. E. DREIER Time 7:05 TO 8:00 Am Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-7 To B.M. 18-6
Date 8-8-52
Indexed L. 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
	6.798		906		#5	6.342		907		B.M. 18-7
	5.892		907			5.435		910		20th ST. E & AVE. Q-8
	4.985		1.813			4.525		1817		SEE F.B. 1382-12
1	17.675	5.892		1.813	84°	16.302	5.434		1817	FOR DESCRIPTION
	5.135		720			6.908		731		
	4.415		723			6.177		729		T. E. LANDA
	3.692		1443			5.448		1460		
2	13.242	4.414		3.256		18.533	6.178		3.277	
	5.105		724			6.563		722		
	4.381		728			5.841		725		
	3.653		1452			5.116		1447		
3	13.139	4.380		4.708		17.520	5.840		4.724	
	5.210		727			6.665		723		
	4.483		731			5.942		722		
	3.752		1458			5.220		1445		
4	13.445	4.482		6.166		17.827	5.942		6.169	
	4.999		725			6.690		720		
	4.274		725			5.970		721		
	3.549		1450			5.249		1441		
5	12.822	4.274		7.616		17.909	5.970		7.610	
		23.442					29.364			

F.B. 1382 PG. 53

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. NR 142552
Notes by G. E. DREIER Time 7:05 TO 8:[illegible] AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-7 To B.M. 18-6
Date 8-8-53
Indexed L. 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
	5057	23.442	727	7.616		6315	29.364	724	7.610	
	4330		725			5591		727		
	3605		1452			4864		1451		
6	12.992	4.331		9.068		16.770	5.590		9.061	
	5650		727			6201		722		
	4923		725			5479		725		
	4198		1452			4754		1447		
7	14.771	4.924		10.520		16.434	5.478		10.508	SUMMATION OF RUN B.M. 18-7 TO B.M. 18-6
	5427		720			6142		725		TOTAL BACKSIGHTS + 41.845
	4707		719			5417		728		" FORESIGHTS - 52.784
	3988		1439			4689		1453		DIFF IN ELEV. - 10.939
8	14.122	4.707		11.959		16.248	5.416		11.961	
	5168		728			7654		717		B.M. 18-6
	4440		725			6937		720		AVE Q & 20th ST. E.
	3715		1453			6217		1437		SEE F.B. 1382-11
9	13.323	4.441		3.412		20.808	6.936		13.398	FOR DESCRIPTION
		41.845					52.784			

F.B. 1382 PG. 54

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
Notes by G.E. DREIER
Weather CLEAR-WINDY Inst. No. Nr. 142552
Time 8:05 TO 8:30AM. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-6 To B.M. 18-7
Date 8-8-52
Indexed E. 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
	7571		719		#5	5087		727		B.M. 18-6
	6852		721			4360		726		AVE. & 20th ST. E.
	6131		1440			3634		1453		SEE F.B. 1382-1
1	20554	6.851		1.440	86°	13081	4.360		1453	FOR DESCRIPTION
	6104		723			5393		723		
	5381		726			4670		722		T. E. LANDA
	4655		1449			3948		1445		
2	16140	5.380		2.889		14011	4.670		2898	
	6200		723			5649		725		
	5477		725			4924		724		
	4752		1448			4200		1449		
3	16429	5.476		4.337		14773	4.924		4.347	
	6301		721			5044		725		
	5580		725			4319		724		
	4855		1446			3595		1449		
4	16736	5.579		5.783		12958	4.319		5.796	
	6796		721			5104		724		
	6075		722			4380		723		
	5353		1443			3657		1447		
5	18224	6.075		7.226		13141	4.380		7.243	
		29.361					22.653			

F.B. 1382 PG. 55

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-WINDY Inst. No. Nr 142552
Notes by G. E. DREIER Time 8:05 TO 8:30 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-6 To B.M. 18-7
Date 8-8-52
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
	6711	29.361	720	7226		5257	22.653	727	7.243	
	5.991		722			4.530		727		
	5269		1442			3.803		1454		
6	17.971	5.990		8.668		13590	4.530		8.697	
	6523		720			5070		726		
	5.803		721			4344		725		
	5.082		1441			3619		1451		
7	17.408	5.803		10.109		13.033	4.344		10148	SUMMATION OF RUN
	6979		724			5216		724		B.M. 18-7 TO B.M. 18-6
	6255		725			4492		724		TOTAL BACKSIGHTS +58.276
	5.530		1449			3768		1448		" FORESIGHTS -47.346
8	18.764	6.255		11.558		13.476	4.492		11.596	DIFF IN ELEV. +10.930
	5896		466			5618		440		
	5430		468			5.178		441		
	4962		934			4.737		881		
9	16.288	5429		12492		15533	5.178		12477	
	5886		448			6608		459		B.M. 18-7
	5438		448			6149		459		20th ST. E & AVE. Q-8
	4990		896			5690		918		SEE F.B. 1382-12
10	16.314	5.438		13.388	88°	18447	6.149		13395	FOR DESCRIPTION
		58.276					47.346			

F.B. 1382 PG. 56

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. NR 142552
Notes by S. SHINODA Time 10:05-10:30 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 18-7 To BM 18-8
Date 8-7-52
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
	8543		743		#5	4299		769		BM 18-7
	7800		741			3530		771		AVE Q-8 & 20TH ST E
	7059		1484			2759		1540		SEE F.B. 1382-42
1	23402	7.801		1484	95°	10588	3.529		1540	FOR DESCRIPTION
	7129		731			4932		707		
	6398		729			4225		709		T. E. LANDA
	5669		1460			3516		1416		
2	19196	6399		2944		12673	4.224		2956	
	5600		723			4954		726		
	4877		726			4228		727		
	4151		1449			3501		1453		
3	14628	4.876		4393		12683	4.228		4409	
	5856		726			5063		725		
	5130		727			4338		725		
	4403		1453			3613		1450		
4	15389	5.130		5846		13014	4.338		5859	
	6587		720			4651		728		
	5867		722			3923		731		
	5145		1442			3192		1459		
5	17599	5.866		7288		11766	3.922		7318	
		30.072					20.241			

F.B. 1382 PG. 57

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. NR 142552
Notes by S. SHINODA Time 9:40 - 10:30 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-7 To B.M. 18-8
Date 8-7-52
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
	6607	30.072	727	728.8		4661	30.24	729	731.8	
	5880		723			3932		725		
	5157		1450			3207		1454		
6	17644	5.881		8738		11800	5.933		8772	
	6570		407			5417		407		
	6163		406			5010		406		
	5757		813			4604		813		
7	18490	6.163		9551		15031	5.010		9585	
	5870		474			5288		491		B.M. 18-8
	5396		476			4797		494		AVE Q-8 & 16th ST. E
	4920		950			4303		985		SEE F.B. 1382-13
8	16186	5.395		10501	96°	14388	4.796		10570	FOR DESCRIPTION
F.B. 1382 PG. 58										
										SUMMATION OF RUN
										B.M. 18-7 TO B.M. 18-8
										TOTAL BACKSIGHTS + 47.511
										" FORESIGHTS - 33.980
										DIFF. IN ELEV. +13.531
		47.511					33.980			

Form 579 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. NR 142552
Notes by S SHINODA Time 10:35-11:05AM Rod No. 546

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM 18-8 To BM 18-7
Date 8-7-52
Indexed E. 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
	5249		494		#5	5830		475		BM 18-8
	4755		494			5355		476		AVE Q-8 & 16th ST. E.
	4261		988			4879		951		SEE F.B. 1382-B
1.	14265	4755		98.8	96°	16064	5355		95.1	FOR DESCRIPTION
	5322		404			6476		407		
	4918		407			6069		408		K E LANDA
	4511		811			5661		815		
2	14751	4917		1799		18206	6069		1766	
	4694		726			6640		721		
	3968		728			5919		723		
	3240		1454			5196		1444		
3	11902	3967		3253		17755	5918		3210	
	4619		726			6562		724		
	3893		725			5838		726		
	3168		1451			5112		1450		
4	11680	3893		4704		17512	5837		4660	
	5238		726			6029		727		
	4512		724			5302		724		
	3788		1450			4578		1451		
5.	13538	4513		6154		15909	5303		6111	
		22.045					28.482			

F.B. 1382 PG. 59

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 NR 142551
Notes by S. SHINODA Time 10:35 - 11:05 AM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 18-8 To BM 18-7
Date 8-7-52
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
	4968	22045	718	6154		5631	28482	731	6111	
	4250		716			4900		732		
	3534		1434			4168		1463		
6	12752	4251		7588		14699	4900		7574	
	5119		724			7290		718		
	4395		725			6572		721		
	3670		1449			5851		1439		
7	13184	4395		9037		19713	6571		9013	
	4335		767			8597		759		BM 18-7
	3568		765			7838		755		AVE Q-8 & 20TH ST E
	2803		1532			7083		1514		SEE FB. 1382-12
8	10706	3569		10569	98°	23518	7839		10527	FOR DESCRIPTION.
F.B. 1382 PG. 60										SUMMATION OF RUN B.M. 18-8 TO B.M. 18-7
										TOTAL BACKSIGHTS + 34260
										TOTAL FORESIGHTS - 47792
										DIFF IN ELEV. - 13532
		34260					47792			

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 Windy & Clear Inst. No. Nr 142552
Notes by E. Landa Time 8:40 TO 10:00 AM. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-8 To B.M. 18-9
Date 8-8-52
Indexed L. 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
	7300		703			4923		726		B.M. 18-8
	6597		702			4197		728		AVE Q-8 & 16th ST. E.
	5895		1405			3469		1454		SEE F.B. 1382-13
1	19792	6597		1405	880	12589	4196		1454	FOR DESCRIPTION
	7163		795			5065		793		⊼ G.E. Dreier
	6368		797			4272		793		
	5571		1592			3479		1586		
2	19102	6367		2997		12816	4272		3040	
	5413		90			0679		108		
	5323		90			0571		108		
	5233		180			0463		216		
3	15969	5323		3177		1713	0.571		3256	
		18.287					9.039			T.B.M. #2
										Ave. Q-8 & 12 St. E N.E. Cor.
										B.SPK. IN TOP OF S.W. COR. OF
										CONC. WEIR BOX
	1.641		698			6070		730		
	0.943		699			5340		730		
	0.244		1397			4610		1460		
4	2.828	0.943		4574		16020	5340		4716	
		19.230					14.379			

F.B. 1382 PG. 61

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 - WINDY Inst. No. Nr 142552
Notes by E. LANDA Time 8:40 TO 10:00 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-8 To B.M. 18-9
Date 8-8-52
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
	6350	19230	722	4574		5467	14379	727	4716	
	5628		723			4740		728		
	4905		1445			4012		1455		
5	16883	5628		6019		14219	4740		6171	
	6362		721			5751		723		
	5641		723			5028		725		
	4918		1444			4303		1448		
6	16921	5640		7463		15082	5027		7619	
	6627		720			5890		726		
	5907		720			5164		727		
	5187		1440			4437		1453		
8	17721	5907		8903		15491	5164		9072	
	7184		721			5053		721		
	6463		721			4332		721		
	5741		1442			3611		1442		
8	19388	6463		10345		12996	4332		10514	
	6893		722			4870		727		
	6171		722			4143		726		
	5449		1444			3417		1453		
9	18513	6171		11789		12430	4143		11967	
		19059					37785			

F.B. 382 PG. 62

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 Lt. E. Dreier Weather Windy Inst. No. nr 142552
Notes by E. Landa Time 8:40 to 10:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 1928
From B.M. 18-8 To B.M. 18-9
Date 8-8-52
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
	6549	49.039 ✓	733	11789 90 ✓		4774	37.785 ✓	715	11967 ✓	
	5816		733			4059		719		
	5083		1466 ✓			3340		1434 ✓		
10	17448 ✓	5816 ✓		13255 6		12173 ✓	4058 ✓		13401	
	6809		726			5008		722		
	6083		725			4286		723		
	5358		1451 ✓			3563		1445 ✓		
11	18250 ✓	6083 ✓		14706 7 ✓		12857 ✓	4286 ✓		14846	
	7119		621			6125		615		B.M. 18-9
	6498		623			5510		618		Ave. R & 15th St E.
	5875		1244 ✓			4892		1233 ✓		See F.B. 1382-14
12	19492 ✓	6497 ✓		15950 1 ✓	92°	16527 ✓	5509 ✓		16079	FOR DESCRIPTION
										Summation of Run
										B.M. 18-8 to B.M. 18-9
										Total Backsights = 67.435 ✓
										Total Foresights = 51.638 ✓
										diff. in Elev. = 15.797 ✓
		67.435 ✓					51.638 ✓			

F.B. 1382 PG. 63

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 ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

Name L. A. CO. PRECISE LEVEL NET
Job No. .....
From ..... To .....
Date .....
Indexed .....

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 382 PG. 64										

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 Windy Inst. No. NR 142552
Notes by E. Landa Time 10:00 To 10:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 1923
From B.M. 18-9 To B.M. 18-8
Date 8-8-52
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
	5619		628		#5	6603		623		B.M. 18-9
	4991		627			5980		622		Ave. R & 15th St. E.
	4864		1255			5358		1245		See F.B. 1382
1	14974	4991		1255	92°	17941	5980		1245	for description
	4700		725			6510		739		
	3975		726			5771		739		⊼ G. E. Dreier
	3249		1451			5032		1478		
2	11924	3975		2706		17313	5771		2723	
	4657		737			6403		725		
	3920		738			5678		727		
	3182		1475			4951		1452		
3	11759	3920		4181		17032	5677		4175	
	4919		734			6928		728		
	4185		735			6210		728		
	3450		1469			5482		1456		
4	12554	4185		5650		18630	6210		5631	
	5031		729			7164		726		
	4302		730			6438		730		
	3572		1459			5708		1456		
5	12905	4302		7109		19310	6437		7087	
		21,373					30,075			

F.B. 1382 PG. 65

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 Windy Inst. No. Nr 142652
Notes by E. Landa Time 10:00 To 10:45 Rod No. 5-6'6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-9 To B.M. 18-8
Date 8-8-52
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
	5571	21.373	729	7109		6321	30.075	732	7087	
	4842		730			5589		735		
	4112		1459			4854		1467		
6	14525	4842		8568		16764	5588		8554	
	5481		738			6087		729		
	4744		737			5358		730		
	4007		1475 4			4628		1459		
7	14232	4744		10043		16073	5358		10013	
	5161		732			6052		733		
	4429		735			5319		735		
	3694		1467			4584		1468		
8	13284	4428		11510		15955	5318		11481	
	6037		727			1.610		699		
	5310		730			0911		700		
	4580		1457			0211		1399		
9	15927	5309		12967		2732	0.911		12880	
										T.B.M. # 2 Ave. Q-8 & 15th St. E, N.E. Cor. B.SPK IN S.W. COR. CONC. WEIR BOX
		40.696					47.250			

F.B. 1382 PG. 66

FORM 279 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 Windy Inst. No. Nr 142552 Name L. A. CO. PRECISE LEVEL NET
Notes by E. Landa Time 10:00 To 10:45 Rod No. 56'6 Job No. 1923
From B.M. 18-9 To B.M. 18-8
Date 8-8-52
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
	0868	40.696	103	12967 6		5834	47.250	109	12880	
	0765		102			5725		109		
	0663		205			5616		218		
10	2296	0.765		13172		17175	5725		13098	
	5131		626			7017		694		
	4435		627			6323		692		
	3738		~~1253~~ 1393			5631		1386		
11	13304	4435		~~14426~~ 564		18971	6324		14484	
	4992		724			7378		706		B.M. 18-8
	4268		728			6672		706		AVE Q-8 & 16th ST. E.
	3540		1452			5966		1412		SEE F.B. 1382-13
12	12800	4267		~~15877~~ 16016	94°	20016	6672		15896	FOR DESCRIPTION
		50.163					65.971			

SUMMATION OF RUN
B.M. 18-9 TO B.M. 18-8
Total Backsights = +50.163
Total Foresights = -65.971
diff. in Elev. = -15.808

F.B. 1382 PG. 67

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 .... Weather .... Inst. No. ....
Notes by .... Time .... Rod No. ....

Name L. A. CO. PRECISE LEVEL NET
Job No. ....
From .... To ....
Date ....
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

F.B. 1382 PG. 68

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-VERY WINDY Inst. No. Nr 142552
Notes by G. E. DREIER Time 12:30 TO 1:15 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-9 To B.M. 18-1
Date 8-8-52
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
	9828		721		#5	3683		725		B.M. 18-9
	9107		718			2958		726		AVER Ø 15TH ST. E
	8389		1439			2232		1451		SEE F.B. 1382 P.14
1	27324	9108		1439	95°	8873	2958		1451	FOR DESCRIPTION
	6862		725			5102		722		
	6137		724			4380		721		T. E. LANDA
	5413		1449			3659		1443		
2	18412	6137		2888		13139	4380		2894	
	6595		725			5205		723		
	5870		722			4482		722		
	5148		1447			3760		1445		
3	17613	5871		4335		13447	4482		4339	
	6371		718			4624		726		
	5653		720			3898		729		
	4933		1438			3169		1455		
4	16957	5652		5773		11691	3897		5794	
	6358		496			2219		496		
	5862		496			1723		493		
	5366		992			1230		989		
5	17586	5862		6765		5172	1724		6783	
		32630					17441			

F.B. 1382 PG. 69

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 - VERY WINDY Inst. No. NF 142552
Notes by G. E. DREIER Time 12:30 TO 1:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-9 To B.M. 18-1
Date 8-8-53 E. C. 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
	3230	32.630	684	6765		5382	[illegible]	695	6783	
	2546		686			4687		698		
	1860		1370			3989		1393		
6	7.636	2.545		8135		14058	4.686		8176	
		35.175					22.127			T.B.M. # 3
										AVE. R & 11th Pl. E., S.E. Cor.
										B. Spk in Cb. 11½ ft. E. of E.
										End C.R.
	6.012		792			4.294		763		
	5.220		795			3.531		767		
	4.425		1587			2.764		1530		
7	15.657	5.219		9.722		10.589	3.530		9706	
		40.394					[illegible]			T.B.M. # 4
										Ave. R & 11th St. E., S.E. Cor.
										B. Spk in Cb. 8½ ft. E. of E.
										End of Cb. R.
	7.347		749			4800		753		
	6.598		748			4.047		757		
	5.850		1497			3.290		1510		
8	19.795	6.598		11.219		12.137	4.046		11216	
		46.992					29.703			

F.B. 382 PG. 70

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 - VERY WINDY Inst. No. NI 142552
Notes by G.E. DREIER Time 12:30 TO 1:15 PM. Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-9 To B.M. 18-1
Date 8-8-52
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
	5642	46.992	679	11.219		6127	29.703	672	11.216	
	4963		679			5455		673		
	4284		1358			4782		1345		
9	14889	4.963		12577		16364	5.455		12561	
	5348		460			8652		457		
	4888		440			8195		459		
	4428		920			7736		916		
10	14664	4.888		13477		24583	8.194		13477	
		56.843					43.352			B.M. 18-10 AVE R & 18th ST E SEE F.B. 1382-15 FOR DESCRIPTION
	10093		723			4153		723		
	9370		726			3430		725		STARTED 7:20 A.M. 8-11-52
	8644		1449			2705		1448		WEATHER - CLEAR & CALM
11	28107	9.369		14926		10288	3.429		14925	
	6833		723			4675		727		
	6110		727			3948		729		
	5383		1450			3219		1456		
12	18326	6.109		16376		11842	3.947		16381	
		72.321					50.728			

FB 1382 PG. 71

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 - Calm Inst. No Nr 142552
Notes by G. E. DREIER Time 7:20 - 7:50 a.m. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18 - 9 To B.M. 18 - 1
Date 8-11-52
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
	8229	72.321	729	16,376		2954	50.728	723	16,381	
	7500		728			2231		726		
	6772		1457			1505		1449		
13	22501	7.500		17,833		6690	2.230		17,830	
	8303		680			4179		674		
	7623		681			3505		674		
	6942		1361			2831		1348		
14	22868	7.623		19,194		10,515	3.505		19,178	
	7180		617			3818		648		B.M. 18-1 (U.S. 3203) (X426)
	6563		616			3170		646		S.P.R.R. & AVE R.
	5947		1233			2524		1294		SEE F.B. 1382-6
15	19690	6.563		20,424	77°	9512	3.171		20,472	FOR DESCRIPTION
										Summation of Run from B.M. 18-9 to B.M. 18-1
										Total Backsights = + 94.007
										Total Foresights = - 59.634
										diff. in Elev = + 34.373
		94.007					59.634			

F.B. 1382 PG. 72

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 & CALM Inst. No. Nr. 142552
Notes by G. E. D. Time 7:50 AM TO 8:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-1 To B.M. 18-9
Date 8-11-52
Indexed L. 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
	3638		638		*5	7017		626		B.M. 18-1 U.S. 3203
	3000		637			6392		624		S.P.R.R. & AVE. R.
	2363		1275			5768		1250	49	SEE F.B. 1382-6
1	9.001	3.000		1275	77°	19.177	6.392	49	1250	FOR DESCRIPTION
	4.065		670			8.198		686		
	3.395		672			7.512		686		
	2.723		1342			6.826		1372		
2	10.183	3.394		2.617		22.536	7.512		2.622	
	2.923		735			8.178		719		
	2.189		737			7.459		719		
	1.452		1472			6.740		1438		
3	6.564	2.188		4.087		22.377	7.459		4.066	
	4.869		722			7.039		730		
	4.147		726			6.309		731		
	3.421		1448			5.578		1461		
4	12.437	4.146		5.534		18.926	6.309		5.524	
	4.145		725			10.083		724		
	3.420		724			9.359		727		
	2.696		1449			8.632		1451		
5	10.261	3.420		6.984		28.074	9.358		6.972	
		16.148					37.030			

F.B. 1382 PG. 73

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-CALM Inst. No NK 142552
Notes by G. E. DREIER Time 7:50 TO 8:40 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-1 To B.M. 18-9
Date 8-11-52
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
		16.148		6.986 5			3.030		6.972 1	B.M. 18-10 AVE. R & 10TH ST. E. SEE F.B. 1382-15 FOR DESCRIPTION
6	8.096 7.638 7.178 22.912	7.637	458 460 918	7.904 3 4		4.782 4.329 3.876 12.987	4.329	453 453 906	7.878 7	
7	6.175 5.509 4.839 16.523	5.508	666 670 1.336	9.246 39		5.701 5.020 4.335 15.056	5.019	681 685 1.366	9.243 4	
8	4.710 3.954 3.202 11.866	3.955	756 752 1.508	10.748 7		7.257 6.508 5.758 19.523	6.508	749 750 1.499	10.743 2	
										T.B.M. # 4 AVE R & 11TH ST. E. S.E. COR B.SPK IN CB. 8 FT. E. OF E. END CB. C.
		33.248					52.886			

F.B. 1382 PG. 74

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 C. E. DREIER Weather CLEAR-CALM Inst. No N-142552
Notes by C. E. D. Time 7:50 TO 8:40 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-1 To B.M. 18-9
Date 8-11-52
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
	5270	33.248	783	10.748		6952	52.886	773	10.743	
	4487		784			6179		776		
	3703		1567			5403		1549		
9	13460	4.487		12.315		18534	6.178		12.292	
		37.735					59.064			T.B.M. #3
										AVE. R. & 11TH PL. E. S.E. COR.
										B.SPK IN CB 117 FT E. OF E.
										END CURB RETURN
	5183		695			3032		684		
	4488		696			2348		686		
	3792		1391			1662		1370		
10	13463	4.488		13.706		7042	2.347		13.662	
	2237		507			6350		478		
	1730		505			5872		478		
	1225		1012			5394		956		
11	5192	1.731		14.718		17616	5.872		14.618	
	4712		698			6516		746		
	4014		702			5770		748		
	3312		1400			5022		1494		
12	12038	4.013		16.116		17308	5.769		16.112	
		47.967					73.052			

F.B. 1382 PG. 75

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 & CALM Inst. No. Nr 142552
Notes by C. E. DREIER Time 7:50 TO 8:40 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-1 To B.M. 18-9
Date 8-11-52
Indexed E. 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
	5101	47.967	722	16.118		6494	73.052	724	16.112	
	4379		724			5770		724		
	3655		1446			5046		1448		
13	13135	4.378		17.564		17310	5.770		17.560	
	5122		724			6883		722		
	4398		723			6161		724		
	3675		1447			5437		1446		
14	13195	4.398		19.011		18481	6.160		19.006	
	3679		725			9823		718		B.M. 18-9
	2954		724			9105		718		AVE & 15TH ST. E.
	2230		1449			8387		436		SEE F.B. 1382-14
15	8863	2.954		20.460	83°	27315	9.105		20.442	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 18-1 TO B.M. 18-9
										TOTAL BACKSIGHTS +59.697
										" FORESIGHTS -94.087
										DIFF IN ELEV. -34.390
		59.697					94.087			

F.B. 1382 PG. 76

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. Nr 142552
Notes by E. Landa Time 1:50 - 2:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-9 To T.B.M. #3
Date 8-13-52
Indexed L. S. 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
	9909		718		#5	3768		725		B.M. 18-9
	9191		718			3043		724		Ave. R & 15th S.E.
	8473		1436			2319		1449		See F.B. 1382 pg 14
1	27573	9191		1436	102°	9130	3043		1449	for description
	6990		720			5238		727		
	6270		720			4511		724		TG. E. Dreier
	5550		1440			3787		1451		
2	18810	6270		2876		13536	4512		2900	
	6640		721			5253		723		
	5919		721			4530		725		
	5198		1442			3805		1448		
3	17757	5919		4318		13588	4529		4348	
	6558		718			4817		728		
	5840		718			4089		730		
	5122		1436			3359		1458		
4	17520	5840		5744		12265	4088		5806	
	6395		483			2267		498		
	5912		484			1769		498		
	5428		967			1271		996		
5	17735	5912		6711		5307	1769		6802	
		33132					17941			

F.B. 1382 pg 77

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. Nr 192552
Notes by E. Landa Time 1:50 - 2:15 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-9 To T.B.M. #3
Date 8-13-54
Indexed E. 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
	3160	33.132	694	6711		5289	1794	680	6802	T.B.M. #3
	2466		694			4609		679		Are. R & 11th Pl. E. S.E. Cor
	1772		1388			3930		1359		B. Spk in Cb. 11½ ft. E. of E.
6	7398	246		8099	100°	13828	4609		8161	End C.R.
										Summation of Run from B.M. 18-9 to T.B.M. #3
										Total Backsights = +35.598
										Total Foresights = -22.550
										diff. in Elev. = +13.048
F.B. 382 PG. 78										

35.598 22.550

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. Nr. 142552
Notes by E. Landa Time 2:25-2:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.B.M. #3 To B.M. 18-9
Date 8-13-52
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
	5254		682		#5	3128		692		T.B.M. #3
	4572		682			2436		693		Ave. R & 11th Pl. E, S.E.Cor.
	3890		1364			1743		1385		B.Spk. in Cb. 11' ft. E.
1	13716	4572		1364	1000	7307	2436		1385	of E. end Cb. R.
	2354		496			6488		486		
	1858		496			6002		488		T G. E. Dreier
	1362		992			5514		974		
2	5574	1858		2356		18004	6001		2359	
	4651		730			6387		715		
	3921		732			5672		713		
	3189		1462			4959		1428		
3	11761	3920		3815		17018	5673		3787	
	5262		714			6667		727		
	4548		717			5940		726		
	3831		1431			5214		1453		
4	13641	4547		5249		17821	5940		5240	
	5241		723			7000		721		
	4518		722			6279		721		
	3796		1445			5558		1442		
5	13555	4518		6694		18837	6279		6682	
		19.415					26.329			

F.B. 1382 PG. 77

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 Nr. 142552
Notes by E. Landa Time 2:25 - 2:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. A923
From T.B.M. #3 To B.M. 18-9
Date 8-13-52
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
	3851	19.415	724	6694		9993	26329	716	6682	B.M. 18-9
	3127		727			9276		716		Ave. R & 15th St. E.
	2400		1451			8560		1432		See F.B. 1382-14
6	9378	3126		8145	100°	27829	9276	3	8115	for description
										Summation of Run from T.B.M. #3 to B.M. 18-9
										Total Backsights = +22.541
										Total Foresights = = -35.605
										diff. in Elev. = - 13.064
	22541					35605				

F.B. 1382 PG. 20

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. Nr 142552
Notes by G. E. Dreier Time 3:00 TO 3:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-9 To F.B.M. #3
Date 8-13-52
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
	9581		724		#5	3430		722		B.M. 18-9
	8857		724			2708		726		AVE R & 15th ST. E.
	8133		1448			1982		1448		SEE F.B. 1382-14
1	26571	8857		1448	102°	8120	2707		1448	FOR DESCRIPTION
	6585		725			4829		725		
	5860		724			4104		726		K E. LANDA
	5136		1449			3378		1451		
2	17581	5860		2897		12311	4104		2899	
	6268		722			4880		726		
	5546		724			4154		724		
	4822		1446			3430		1450		
3	16636	5545		4343		12464	4155		4339	
	6282		720			4540		727		
	5562		721			3813		730		
	4841		1441			3083		1457		
4	16685	5562		5784		11436	3812		5796	
	6064		483			1935		498		
	5581		484			1437		499		
	5097		967			0938		997		
5	16742	5581		6751		4310	1437		6793	
		31405					16215			

F.B. PG.

F.B. 1382 Pg. 81

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 Nr. 142552
Notes by G E DREIER Time 3:00 TO 3:15 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 18-9 To T.B.M. #3
Date 8-13-52
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
	2720	31.405	696	6751		4892	16.215	677	6.793	T.B.M. #3
	2074		697			4216		681		AVE R & 11th PL. E, S.E. COR.
	1377		1393			3535		1358		B.S.P.L. IN CB. 11½ FT. E. OF
6	6221	20.74		8.144	10.0	12.644	4.215		8.151	E. END CURB RETURN
										SUMMATION OF RUN
										B.M. 18-9 TO T.B.M. #3
										TOTAL BACKSIGHTS + 33.479
										TOTAL FORESIGHTS - 20.430
										DIFF IN ELEV. + 13.049
		33.479					20.430			

F.B. 1382 Pg. 82

F.B. PG.

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-BREEZY Inst. No. Nr. 142552
Notes by " " " Time 3:15 TO 3:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.B.M. #3 To B.M. 18-9
Date 8-13-52
Indexed R. 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
	4889		677		#5	2770		698		T.B.M. #3
	4212		680			2072		699		AVE R. & 11TH PL. E. S.E. COR.
	3532		1357			1373		1397		B.SPK IN CURB 1½ FT. E. OF
1	12633	4211		1357	101°	6215	2072		1397	E. END CURB RETURN
	1919		501			6044		481		
	1418		500			5563		483		
	0918		1001			5080		964		
2	4255	1418		2358		16687	5562		2361	
	4578		725			6320		716		
	3853		727			5604		717		
	3126		1452			4887		1433		
3	11557	3852		3810		16811	5604		3794	
	4817		724			6206		719		
	4093		723			5487		722		
	3370		1447			4765		1441		
4	12280	4093		5257		16458	5486		5235	
	4840		723			6600		722		
	4117		724			5878		725		
	3393		1447			5153		1447		
5	12358	4117		6704		17631	5877		6682	
		17691					24601			

F.B. 1382 PG. 83

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 WINDY Inst. No. NT 142552
Notes by G.E. DREIER Time 3:15 TO 3:30 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From T.B.M. #3 To B.M. 18-9
Date 8-13-52
Indexed R. 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
	3460	17.691	722	6.704		9612	24.601	721	6.682	B.M. 18-9, AVE. R & 15th ST. E
	2738		726			8891		721		SEE F.B. 1382-14
	2012		1448			8170		1442		FOR DESCRIPTION
6	8210	2.737		8.152	101°	26673	8.891		8.124	
										SUMMATION OF RUN
										T.B.M. #3 TO B.M. 18-9
F.B. 1382 PG. 84										TOTAL BACKSIGHTS +20.428
										" FORESIGHTS -33.492
										DIFF. IN ELEV. -13.064
		20.428					33.492			

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. Nr 142852
Notes by E. Landa Time 9:15 to 10:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 1923
From T.B.M. #2 To B.M. 18-2
Date 8-11-52
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
	2316		736		85	5397		748		T.B.M. #2
	1580		736			4649		749		AVE Q-8 & 12TH ST. E. N.E. Cor
	0844		1472			3900		1497		B.SPK IN S.W. Cor. of CANC.
1	1740	1580		1472	83	13946	4649		1497	WEIR BOX-
	6627		725			5609		723		SEE F.B. 1382-61 TO 67
	5902		722			4886		723		T. G.E. Dreier
	5180		1447			4163		1446		
2	17709	5903		2919		14658	4886		2943	
	6532		721			5618		725		
	5811		722			4893		723		
	5089		1443			4170		1448		
3	17432	5811		4362		14681	4894		4391	
	7159		719			4750		725		
	6440		720			4025		726		
	5720		1439			3299		1451		
4	19319	6440		5801		12074	4025		5812	
	6897		527			4994		522		
	6370		526			4472		522		
	5844		1053			3950		1044		
5	19111	6370		6854		13416	4472		6088	
		26.104					22.926			

F.B. 1382 pg 85

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 E. F. Dreier Weather Clear Inst. No. Nr 14
Notes by E. Lounda Time 9:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.B.M. #2 To B.M. 18-2
Date 8-11-52
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
		26.104		6854			22.926		6886	T.B.M. # 5 Ave. Q-8 & 12th St. E N.E. Cor. B.Spk. in S.W. Cor of Conc. gas Valve Box.
	6825		716			5134		731		
	6109		717			4403		730		
	5392		1433			3673		1461		
6	18326	6109		8287		13210	4403		8347	
	6923		741			5062		719		
	6182		741			4343		718		
	5441		1482			3625		1437		
7	18546	6182		9769		13030	4343		9784	
	7473		724			4241		723		
	6749		727			3518		726		
	6022		1451			2792		1449		
8	20244	6748		11220		10551	3517		11233	
	7818		718			4732		726		
	7100		718			4006		728		
	6382		1436			3278		1454		
9	21300	7100		12656		12016	4005		12687	
		52.243					39.194			

F.B. 1382 PG. 86

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. Nr 142552
Notes by E. Landa Time 9:15 to 10:30 Rod No. 5 9'6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From TBM #2 To B.M. 18-2
Date 8-11-52
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
	6539	52.243	632	12656		6943	39.194	626	12687	
	5907		631			6317		626		
	5276		1263			5691		1252		
10	17722	5907		13919		18951	6317		13939	
		38.150					45.511			B.M. 18-11
										10th ST. E. & AVE. Q-8
										SEE F.B. 1382-16
11										FOR DESCRIPTION
	7551		621			5237		622		
	6930		619			4615		625		
	6311		1240			3990		1247		
11	20792	6931		15159		13842	4614		15180	
	6348		400			5075		389		
	5948		400			4686		389		
	5548		800			4297		778		
12	17844	5948		15959		14058	4686		15964	
	5999		168			4898		157		
	5539		160			4441		156		
	5579		920			3985		913		
13	16617	5539		16879		13324	4441		16871	
		76568					59.252			

FB 1382 PG. 17

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. Nr 142552
Notes by E. Landa Time 9:15 to 10:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET 4923
Job No. 4923
From T.B.M. #2 To B.M. 18-2
Date 8-11-52
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
	5913	76568	451	16879		5029	59252	452	16877	
	5462		452			4577		450		
	5010		903			4127		902		
14	16385	5462		17782		13733	4578		17779	
		82030					63830			T.B.M. #6 (4IC) L.B. 624/3 L.& T. IN CENTER OF Cb. RETURN AT N.E. COR. OF AVE. Q-8 AND 9th ST. E.
	6878		715			4819		720		
	6163		715			4099		720		
	5448		1430			3379		1440		
15	18489	6163		19212		12297	4099		19219	
	7174		721			4688		721		
	6453		722			3967		720		
	5731		443			3247		441		
16	19358	6453		20655		11902	3967		20660	
	5660		223			4640		229		
	5437		224			4411		229		
	5213		447			4182		458		
17	16310	5437		21102		13233	4411		21118	
		100.083					76,307			

F.B. 1382 PG. 88

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 C. E. Dreier Weather CLEAR & WINDY Inst. No. Nr 142552
Notes by E. Linda Time 9:15 TO 10:35 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.B.M. #2 To B.M. 18-2
Date 8-11-52
Indexed E. 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
	5731	100.083	126	21.102		1827	76.307	97	21.118	B.M. 18-2 (U.S.2.41)(E 57)
	5605		126			1730		97		SIERRA HWY & AVE Q-8
	5479		252			1633		194		SEE F.B. 1382-7
18	16815	5605		21354	91°	5190	1730		21312	FOR DESCRIPTION
										Summation of Run from B.M. T.B.M. #2 to B.M. 18-2
										Total Backsights = + 105.688
										Total Foresights = - 78.037
										diff. in Elev = + 27.651
		105.688					78.037			

F.B. 1382 PG. 87

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 ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

Name .....
Job No. .....
From ..... To .....
Date .....
Indexed .....

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1382 PG. 90										

FORM 379-5M 7-48

4368
4218
150

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 & WINDY Inst. No. Nr 142552 Name L. A. CO. PRECISE LEVEL NET
Notes by E. Landa Time 10:35 - 1:20 Rod No. 5 & 6 Job No. 4923
From B.M. 18-2 To T.B.M. #2
Date 8-11-52
Indexed [illegible]

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
	1995		94		#5	5906		129		B.M. 18-2 U.S. 2141 E-57
	1901		94			5777		129		Sierra Hwy. & Ave Q-8
	1807		188			5648		258		See F.B. 82-7
1	5703	1901		188	91°	17331	5777		258	for description
	4461		228			5485		226		
	4233		226			5259		226		
	4007		454			5033		452		
2	12701	4234		642		15777	5259		710	
	4768		720			7257		720		
	4049		723			6537		720		
	3326		1443			5817		1440		
3	12144	4048		2085		19611	6537		2150	
	4873		720			6931		715		
	4153		720			6216		716		
	3433		1440			5500		1431		
4	12459	4153		3525		18647	6216		3581	
										T.B.M. # 6 (A/C) L.B. 624 L.& T. IN CENTER OF [illegible]. RETURN AT N.E. COR. OF AVE Q-8 & 9th ST. EAST
		14336					23789			

F.B. 1382 pg 91

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 WINDY Inst. No. Nr 142552
Notes by F. Landa Time 10:35 - 1:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-2 To B.M. #2
Date 8-11-52
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
	5098	14336	451	3525		5982	23.789	451	3581	
	4647		451			5531		452		
	4196		902			5079		903		
5	13941	4647		4427		16592	5531		4484	
	4796		459			5892		460		
	4337		459			5432		460		
	3878		918			4972		920		
6	13011	4337		5345		16296	5432		5404	
	4907		404			6151		385		
	4503		403			5766		384		
	4100		807			5382		769		
7	13510	4503		6152		17299	5766		6173	
	5228		622			7545		623		
	4606		623			6923		622		
	3983		1245			6301		1244		
8	13817	4606		7397		20769	6923		7418	
										B.M. 18-11
										10th ST. E. & AVE. Q-8
										SEE F.B. 1382-16
										FOR DESCRIPTION
		32429					47,441			

F.B. 1382 PG. 92

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 & Windy Inst. No. Nr 142552 Name L. A. CO. PRECISE LEVEL NET
Notes by E. LANDA Time 10:35 to 1:20 Rod No. 5 & 6 Job No. 4923
From B.M 18-2 To T.B.M. #2
Date 8-11-52
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
	6946	32429	634	73397		6519	47441	618	74187	
	6312		633			5901		621		
	5679		1267			5280		1239		
9	18937	6312		8664		17700	5900		86657	
	4723		730			7802		717		
	3993		731			7085		718		
	3262		1461			6367		1435		
10	11978	3993		10125		21254	7085		100921	
	4323		723			7553		725		
	3600		727			6828		726		
	2873		1450			6102		1451		
11	10796	3599		11575		20483	6828		115432	
	4979		733			6813		728		
	4246		734			6085		728		
	3512		1467			5357		1456		
12	12737	4246		13042		18255	6085		129998	
	5102		731			6793		714		T.B.M. #5
	4371		731			6079		717		AVE Q-8 & 12th ST E. N. E. COR
	3640		1462			5362		1431		B.SPK IN S.W. COR. OF CONC.
13	13113	4371		14504		18234	6078		144302	GAS VALVE BOX
		54950					79417			

F.B. 1382 PG. 93

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 & windy Inst. No. Nr 14 [illegible]
Notes by E. LANDA Time 10:35 to 1:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 18-2 To T.BM #2
Date 8-11-52
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
	4904	54.950	525	14504		6802	79.417	526	14430 29	
	4379		526			6276		526		
	3853		1051			5750		1052		
	13136	4379		15555		18828	6276		15482	
	4562		715			6990		729		
	3847		715			6261		728		
	3132		1430			5533		1457		
15	11541	3847		16985		18784	6261		16939	
	5312		725			6223		719		Summation of Run
	4587		725			5504		721		From B.M. 18-2 to T.B.M. #2
	3862		1450			4783		1440		
16	13761	4587		18435		16510	5503		18379	
	5505		709			6549		734		Total Backsights = +76.962
	4796		710			5815		732		Total Foresights = -104.608
	4086		1419			5082		1467		diff in Elev. -27.646
17	14387	4796		19854		17446	5815		19846	
	5148		745			2073		736		T.B.M. #2
	4403		746			1337		739		AVE Q-8 & 15th ST. E.N.E. COR.
	3657		1491			0598		1475		B.SPK IN S.W. COR OF CONC.
18	13208	4403		21345	92°	4008	1336		21327	WEIR BOX
		76962					104608			

F.B. 1382 PG. 94

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 C. E. DREIER Weather CLEAR-CALM Inst. No. Nr. 142552
Notes by C. E. DREIER Time 7:45 TO 8:20 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.B.M. # 2 To T.B.M. 18-5
Date 8-12-52
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
	1.335		454		#5	6.890		457		T.B.M. # 2
	0.881		454			6.433		456		AVE Q-8 & 15TH ST. NE COR.
	0.427		908			5.977		913		B.SPK. IN S.W. CURB OF CONC.
1	2.643	0.881		908	77°	19.300	6.433		913	WEIR BOX
	4.935		728			7.081		724		SEE F.B. 1382-66 TO 67
	4.207		729			6.357		726		T. E. LANDA
	3.478		1457			5.631		1450		
2	12.620	4.207		2.365		19.069	6.356		2.363	
	4.960		727			7.157		725		
	4.233		730			6.432		724		
	3.503		1457			5.708		1449		
3	12.696	4.232		3.822		19.297	6.432		3.812	
	4.958		727			6.843		722		
	4.231		729			6.121		726		
	3.502		1456			5.395		1448		
4	12.691	4.230		5.278		18.359	6.120		5.260	
	5.100		725			6.863		726		
	4.375		726			6.137		727		
	3.649		1451			5.410		1453		
5	13.124	4.375		6.729		18.410	6.137		6.713	
		17.925					31.478			

F.B. 1382 PG. 95

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-CALM Inst. No NK 142552
Notes by G. E. Dreier Time 7:45 TO 8:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.B.M. #2 To B.M. 18-5
Date 8-12-52
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
	5330	17.925	723	6.729		6602	31.478	724	6.713	
	4607		725			5878		726		
	3882		1448			5152		1450		
6	13.819	4.606		8.177		17.632	5.877		8.163	
	5368		719			6508		732		
	4649		718			5776		731		
	3931		1437			5045		1463		
7	13.948	4.649		9.614		17.329	5.776		9.626	
	5055		723			6505		726		
	4332		723			5779		727		
	3609		1446			5052		1453		
8	12.996	4.332		11.060		17.336	5.778		11.079	SUMMATION OF RUN T.B.M. #2 TO B.M. 18-5
	5608		724			6278		726		Total Backsight = +41.347
	4884		724			5552		729		Total Foresight = -61.782
	4160		1448			4823		1455		diff. in Elev = -20.435
9	14.652	4.884		12.508		16.653	5.551		12.534	
	5701		751			8063		742		B.M. 18-5
	4950		747			7321		743		AVE Q & 15TH ST. E.
	4203		1498			6578		1485		SEE F.B. 1382-10
10	14.854	4.951		14.006	83	21.962	7.321		14.019	FOR DESCRIPTION
		41.347					61.782			

F.B. 1382 PG. 96

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-CALM Inst. No. NT 142552
Notes by G. E. DREIER Time 8:20 TO 9:25 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-5 To T.B.M. #2
Date 8-12-57
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
	8049		742		83°	5689		749		B.M. 18-5
	7307		740			4.940		750		AVE Q & 15TH ST. E.
	6567		1482			4.190		1499		SEE F.B. 1382-10
1	21.923	7308		1482		14.819	4.940		1499	FOR DESCRIPTION
	6303		726			5638		724		
	5577		726			4914		724		
	4851		1452			4.190		1448		
2	16.731	5.577		2934		14.742	4.914		2947	
	6411		722			4967		724		
	5689		726			4.243		723		
	4963		1448			3520		1447		
3	17.063	5.688		4382		12.730	4.243		4394	
	6419		724			5293		723		
	5695		726			4.570		724		
	4969		1450			3.846		1447		
4	17.083	5.694		5832		13.709	4.570		5841	
	6.631		723			5359		722		
	5908		727			4.637		723		
	5181		1450			3914		1445		
5	17720	5.907		7282		13.910	4.637		7286	
		30.174					23.304			

F.B. 1382 PG 97

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-CALM Inst. No NT. 142552
Notes by G. E. DREIER Time 8:20 TO 9:15 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-5 To T.B.M. #2
Date 8-12-52 C. 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
	6.779	30.174	725	7282		5.017	33.304	724	7286	
	6.054		724			4.293		723		
	5.330		1449			3.570		1447		
6	18.163	6.054		8731		12.880	4.293		8733	
	6.820		721			4.938		725		
	6.099		724			4.213		725		
	5.375		1445			3.488		1450		
7	18.294	6.098		10176		12.639	4.213		10183	SUMMATION OF RUN
	7.112		722			4.918		726		B.M. 18-5 TO T.B.M. #2
	6.390		722			4.192		725		TOTAL BACKSIGHTS + 61.387
	5.668		1444			3.467		1451		TOTAL FORESIGHTS − 40.973
8	19.170	6.390		11620		12.577	4.192		11634	DIFF IN ELEV. + 20.414
	6.972		724			4.826		727		
	6.248		728			4.099		728		
	5.520		1452			3.371		1455		
9	18.740	6.247		13072		12.296	4.099		13089	
	6.872		448			1.330		458		T.B.M. #2
	6.424		448			0.872		458		AVE Q-8 AND 15TH ST E, N.E.CR
	5.976		896			0.414		916		B.SPK IN TOP, S.W. COR OF CONC
10	19.272	6.424		13968	85°	2.616	0.872		14005	WEIR BOX
		61.387					40.973			

F.B. 1382 PG. 98

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. Nr 142552
Notes by D. E. Landa Time 9:15 - 9:45 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From T.B.M. #2 To B.M. 18-5
Date 8-12-52
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
	1317		462		#5	6859		451		T.B.M. #2
	0855		463			6408		451		Ave. Q-8 & 15th St. E. N.E.Cor.
	0392		925			5957		902		B.Sak. in top S.W. Cor. of Conc.
1	2564	0.8555		925	8C	19224	6408		902	weir box
	4878		727			7022		722		SEE F.B. 1382 - 66 to 67
	4151		725			6300		722		X G.E. Dreier
	3426		1452			5578		1444		
2	12455	4152		2377		18900	6300		2346	
	5023		725			7220		722		
	4298		727			6498		721		
	3571		1452			5777		1443		
3	12892	4297		3829		19495	6498		3789	
	5100		724			6985		723		
	4376		725			6262		722		
	3651		1449			5540		1445		
4	13127	4376		5278		18787	6262		5234	
	5173		722			6936		724		
	4451		723			6212		722		
	3728		1445			5490		1446		
5	13352	4451		6723		18638	6213		6680	
		18131					31681			

F.B. 1382 PG. 99

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. Nr 142552 Name L. A. CO. PRECISE LEVEL NET
Notes by J. Landa Time 9:15 - 9:45 Rod No. 5 & 6 Job No. 4923
From T.B.M. #2 To B.M. 18-5
Date 8-12-52
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
	5379	18.131	721	6723		6651	31.681	723	6680	
	4658		722			5928		723		
	3936		1443			5205		1446		
6	13973	4658		8166		17784	5928		8126	
	5303		711			6459		740		
	4592		710			5719		740		
	3882		1421			4979		1480		
7	13777	4592		9587		17157	5719		9606	
	4971		724			6416		723		
	4247		726			5693		722		
	3521		1450			4971		1445		
8	12739	4246		11037		17080	5693		11051	
	5726		722			6398		727		Total Backsights = + 41.599
	5004		721			5671		725		Total Foresights = - 62.026
	4283		1443			4946		1452		Diff. in Elev = - 20.427
9	15013	5004		12480		17015	5672		12503	
	5710		742			8079		747		B.M. 18-5
	4968		742			7332		745		Ave. @ 15th St. E.
	4226		1484			6587		1492		See F.B. 1382-10
10	14904	4968		13964	86°	21998	7332		13995	for description
		41599					62026			

F.B. 1382 PG. 100

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. Nr 102552
Notes by E. Landa Time 9:50 - 10:30 Rod No. 5 5'6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 18-5 To T.B.M. #2
Date 8-12-53
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
	8126		747		#5	5750		740		B.M. 18-5
	7379		748			5010		741		Arc. Q & 15th St. E.
	6631		1495			4269		1481		See F.B. 1382-10
1	22136	7379		1495	86°	15029	5010		1481	for description
	6411		726			5742		722		
	5685		726			5021		722		G. E. Dreier
	4959		1452			4299		1444		
2	17055	5685		2947		15062	5021	3	2923	
	6607		728			5157		722		
	5879		728			4435		722		
	5151		1456			3713		1444		
3	17637	5879		4403		13305	4435		4369	
	6450		723			5327		728		
	5727		724			4599		728		
	5003		1447			3871		1456		
4	17180	5727		5850		13797	4599		5828	
	6738		727			5462		721		
	6011		725			4741		721		
	5286		1452			4020		1442		
5	18035	6012		7302		14223	4741		7267	
		30.682					23.806			

FB 1382-10

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. Nr 142852 Name L. A. CO. PRECISE LEVEL NET
Notes by E. Landa Time 9:50-10:30 Rod No. 5 & 6 Job No. 4923
From B.M. 18-5 To T.B.M. #2
Date 8-12-52
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
	6950	30.682	722	7302		5189	23.806	727	7267	
	6228		720			4462		725		
	5508		1442			3737		1452		
6	18686	6229		8744		13388	4463		8719	
	6911		724			5021		724		
	6187		726			4297		724		
	5461		1450			3573		1448		
7	18559	6186		10194		12891	4297		10167	
	7190		716			5007		734		
	6474		715			4273		733		
	5759		1431			3540		1467		SUMMATION OF RUN
8	19423	6474		11625		12820	4273		11633	B.M. 18-5 TO T.B.M. #2
	7041		725			4895		727		Total Backsights = +62.194
	6316		726			4168		729		Total Foresights = -41.761
	5590		1451			3439		1456		diff. in Elev. = +20.433
9	18947	6316		13076		12502	4167		13089	
	6756		449			1211		456		T.B.M. #2 Ave Q-8
	6307		449			0755		457		& 15th St. E., N.E. Cor
	5858		898			0298		913		B. Spk. in Top S.W. Cor.
10	18921	6307		13974	189°	2.264	0.755		14002	of Conc. weir box
		62.194					41.761			

F.B. 1382 PG. 102

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

L. A. CO. PRECISE LEVEL NET
Survey of
JN 0301.02 Tape Std °F
Surveyed by AC GUIZADO
Notes ACG Date 12/9/60
Indexed H. E. OD JAN 3 61

F.B. 1382 Pg. 105

L. A. CO. PRECISE LEVEL NET

LINE 118
(RE RUN OF LINE 18 = 118 NOW)
JOB NO 0301.02

IN THE CITY OF PALMDALE, ANTELOPE VALLEY, COMMENCING AT THE INTERSECTION OF AVE R & THE SPRR, NORTHERLY ALONG SPRR TO AVE Q, EASTERLY ALONG AVE Q to 20th ST E, SOUTHERLY ALONG AVE 20th E TO PALMDALE BLVD, WESTERLY ALONG PALMDALE BLVD to 15th ST E, SOUTHERLY ALONG 15th ST E TO AVE R, WESTERLY ALONG AVE R to 10th ST E, NORTHERLY ALONG 10th ST E to PALMDALE BLVD, THENCE WESTERLY TO SIERRA HWY & COMPLETE CIRCUIT.

GUIZADO
GOBLE
GLIDDEN
COOK
ALWIN

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

Do not extend this side of this line.

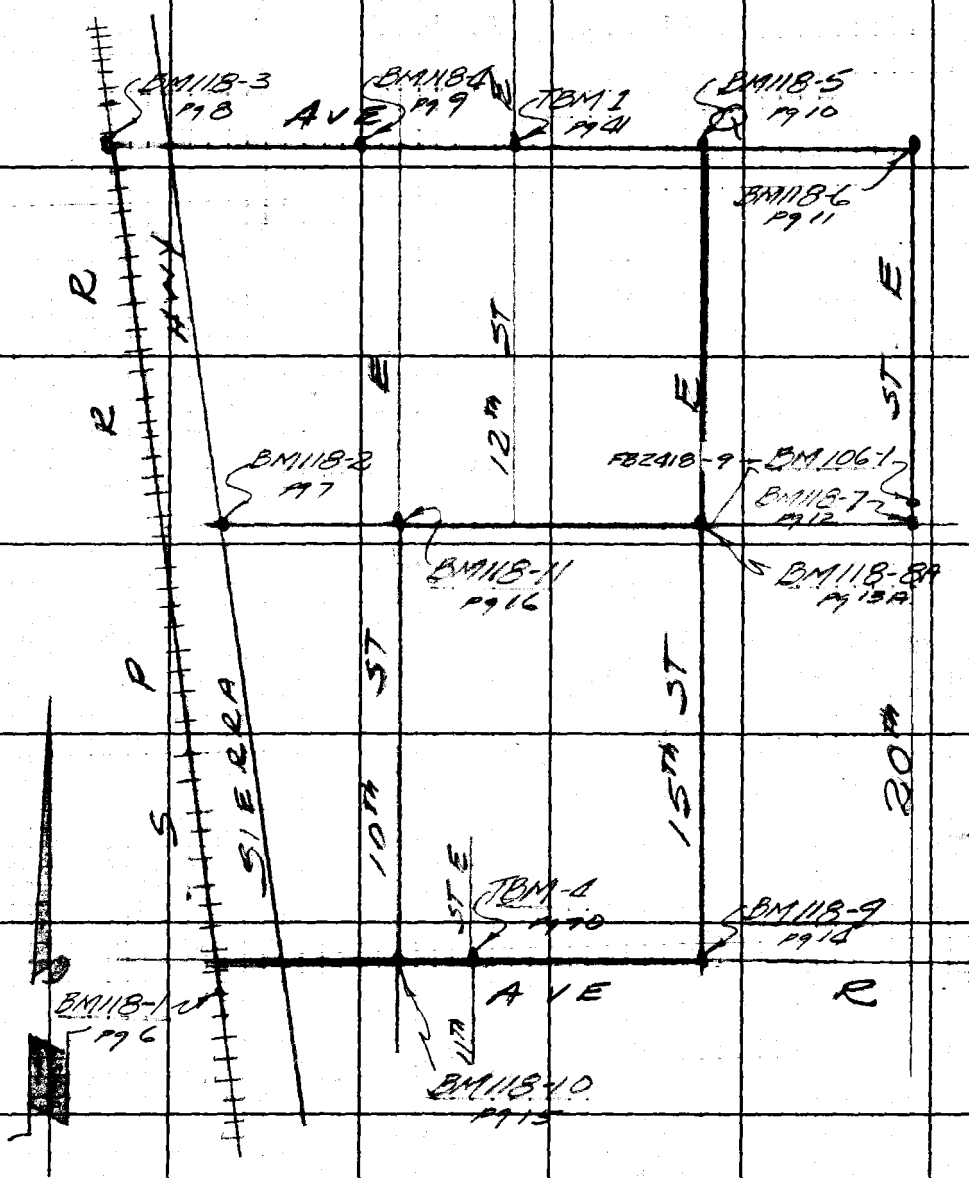
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 S&E #247 11-58

F. B 1382 PG 106

INDEX

LINE 118



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

Do not extend this side of this line.

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

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A. C. GUIZADO WEATHER WINDY INST. NO. 25234
NOTES BY DATE 12-7-60 TIME 1:00 1:35 ROD NO.
INDEXED H. E. OTT DATE JAN 3 61 NOTES CHKD. DATE
F.B. 1382 PG. 107

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 118-1 TO B.M. 118-2
B.M. 118-1													BM. 118-1 (U.S.C.&G.S. X 426)
1	094	275	395	5	115 / 73	42	165	427	466	5	185 / 145	40	SPRR & 0.45 MI. S. FROM PALMDALE
W-426													SEE FB 1382-6
2	109	935	410	5	128 / 91	37	183	133	484	5	202 / 163	39	
E-811													
3	123	977	424	5	143 / 103	40	179	464	480	5	201 / 158	43	
D-811													
4	142	693	443	5	157 / 127	30	143	882	444	5	159 / 128	30	
S-487													
5	113	291	414	5	131 / 95	36	120	982	421	5	138 / 102	36	
R-487													
6	116	512	417	5	136 / 96	40	125	671	426	5	142 / 108	34	T A GOBLE
Q-487													
7	092	209	393	5	111 / 74	35	163	073	464	5	194 / 143	41	
C-811													
8	077	830	375	5	110 / 44	66	174	407	475	5	206 / 142	64	
9	194	592	495	5	224 / 164	60	201	434	502	5	232 / 170	62	
U.S.G.S. 2657													
10	079	455	380	5	101 / 57	44	093	013	394	5	92 / 69	46	
TOTAL	1144	769				430	1550	536				435	
DIFF IN ELEV.							1144	769				430	
							405	767				865	METERS
B.M. 118-2													BM 118-2 (USC&GS E 5 X) 1926 SIERRA HWY & PALMDALE BLVD SEE FB 1382-7.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER XLNDY INST. NO. 75234
TIME 425 TO 245 ROD NO. 25226
NOTES CHKD DATE

SURVEY OF C.A.M. LOB-MIC-OF LEVEL NET
SURVEY BY ACG NOTES RG
INDEXED DATE 12-7-60

FB 1382 PG. 108

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 118-2 TO BM 118-1
B.M. 118-2													B.M. 118-2 (USC&GS E-57)
1	085	147	386	5	85 / 61	48	077	555	372	5	93 / 49	44	SIERRA HWY & PALMDALE BLVD
US GS 2651													SEE FB 1382-7
2	196	923	497	5	225 / 167	58	190	267	491	5	223 / 138	45	
3	178	178	479	5	210 / 145	65	051	392	382	5	113 / 49	64	
C-811													
4	157	897	458	5	177 / 137	40	087	051	388	5	106 / 67	39	
Q-487													
5	127	962	428	5	145 / 109	36	118	822	419	5	138 / 99	39	
R-487													T A GOBLE
6	135	422	436	5	154 / 116	38	127	795	428	5	144 / 110	34	
S-487													
7	144	733	445	5	159 / 129	30	143	489	444	5	158 / 128	30	
D-811													
8	174	614	475	5	191 / 153	41	119	275	420	5	140 / 98	38	
E-811													
9	179	988	480	5	198 / 161	37	106	830	407	5	126 / 86	40	
W-426													
10	173	080	474	5	193 / 153	40	102	054	403	5	122 / 81	41	
TOTAL	1553	944	/				1148	430					
DIFF. IN	1148	430											
ELEV.	405	514	/										
B.M. 118-1													B.M. 118-1 (USC&GS X-426)
													SPRR & 0.45 MI S OF PALMDALE BLVD
													SEE FB 1382-6

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 118-2 TO BM. 118-3
B.M. 118-2													B.M. 118-2 (USC.&GS. E-57)
1	077	21[illegible]	378	5	101 52	49	118	838	419	5	143 118	50	SIERRA HWY & PALMDALE BLVD
X-811													SEE FB 1382-7
2	[illegible]	[illegible]	[illegible]	5	142 71	63	179	[illegible]	45[illegible]	5	215 142	73	
[illegible]													
3	105	268	406	5	137 73	64	210	853	511	5	242 177	65	
[illegible]													
4	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	64	
[illegible]													
[illegible]	015	844	316	5	47 15	2 64	197	317	498	5	229 165	64	A. GOBLE
[illegible]													
6	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	195	[illegible]	[illegible]	5	[illegible]	[illegible]	
[illegible]													
7	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	
TOTAL	660	837				445	1200	270	/			447	
DIFF.							660	837	/			445	
ELEV							539	433	/			892	METERS
B.M. 118-3													B.M. 118-3 (USC.&GS. H-426)
													AVE Q & SPRR
													SEE FB 1382-8

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

SURVEY BY A. C. GUIZADO WEATHER WINDY INST. NO. 75234

NOTES BY R. G. DATE 12-7-60 TIME 2:20 3:00 ROD NO. 95[illegible]

INDEXED [illegible] DATE NOTES CHKD DATE

F.B. 1382 PG. 109 N3

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 118-3 TO BM 118-2
BM 118-3													BM 118-3 CU.S 3188 H 426
1	179	533	480	5	211 / 147	64	122	712	423	5	153 / 91	62	AVE Q & SPRR
J 426													SEE F.B 1382-8
2	201	444	502	5	233 / 169	64	124	313	425	5	157 / 91	66	
K 426													
3	214	907	515	5	246 / 182	64	033	352	334	5	X2 / 65 / 33	64	
L 426													
4	157	280	458	5	189 / 125	64	149	139	450	5	179 / 119	60	
M 426													
5	220	492	521	5	251 / 188	63	114	833	415	5	147 / 81	66	
A. 811													
6	184	833	485	5	[illegible] / 149	70	116	096	417	5	151 / 81	70	
X 811													
7	133	678	434	5	158 / 110	48	092	001	—	5	X2 / 92 / 68	48	
TOTAL	1292	167	CM				752	446	CM				
	752	446											
DIFF IN ELEV	539	721											
BM 118-2													BM 1182 (E-57 1926)
													SIERRA HWY & PALMDALE BLVD
													SEE FB 1382-7

F.B. 1382 PG. 110 JOB NO. 0301.02

SURVEY OF L. A. CO PRECISE LEVEL NET

SURVEY BY A C G NOTES A L G 12-8-60

INDEXED B.E. Ott DATE

WEATHER OVER CAST INST. NO. N3 75234

TIME 1.30 TO 2.00 ROD NO. 95 & 96

NOTES CHKD DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A C GUIZADO WEATHER OVER CAST INST. NO. N3 75234

NOTES BY A L G DATE 12-8-60 TIME 2 30 TO ROD NO. 95 69C

INDEXED H. E. ON DATE NOTES CHKD DATE

F.B. 1382 Pg. 111

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 118-2 TO BM 118-3 RETURN
BM 118-2													BM 118-2 (E 57)
1	089	952	—	5	X2 89 63	50	131	650	432	5	X2 155 131	48	SIERRA HWY & PALMDALE BLVD
X 811													SEE FB 1382-7
2	118	958	419	5	152 84	68	187	662	488	5	222 152	70	
A 811													
3	113	746	414	5	145 81	64	219	361	520	5	251 186	65	
M 426													
4	148	163	449	5	179 117	62	156	238	457	5	187 124	63	
L 426													
5	031	342	332	5	X2 63 31	64	212	849	513	5	254 180	64	
K 426													
6	121	850	422	5	154 88	66	198	957	499	5	230 166	64	
J 426													
7	120	917	421	5	152 89	63	177	687	478	5	208 145	63	
TOTAL	744	934	CM				1284	404	CM				
							744	934					
Diff in Elev							539	470	CM				
BM 118-3													BM 118-3 (H 426)
													AVE Q & SPRR
													SEE FB 1382-8

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM118-3 TO BM118-2
BM118-3													BM118-3 (H-426)
1	177	001	478	5	209 / 145	64	1[illegible]	270	421	5	151 / 89	62	AVE Q & SPRR
J 426													SEE FB 1382-8
2	202	456	503	5	234 / 170	64	125	285	426	5	157 / 92	65	
K 426													
3	212	372	513	5	244 / 180	64	030	838	331	5	x2 / 62 / 30	64	12/12/60 RERUN
L 426													
4	157	779	458	5	189 / 125	64	149	773	450	5	179 / 119	60	
M 426													
5	226	532	527	5	257 / 194	63	120	907	421	5	152 / 87	65	
A 811													
6	185	460	486	5	21[illegible] / 15[illegible]	69	116	735	417	5	151 / 81	70	⊼ R.D. GLIDDEN
X 811													
7	120	759	421	5	x2 / 144 / 120	48	079	107	—	5	x2 / 73 / 55	48	
TOTAL	1282	359	CM				742	975	CM				
	742	975											
Diff in Elev	539	384	CM										
BM118-2													BM 118-2 (E57)
													Palmdale Blvd & Sierra Hwy
													SEE FB 1382-7

F.B. 1382 PG. 112

SURVEY OF C.A. CO. PRECISE LEVEL NET

JOB NO. 0301.02

SURVEY BY A.C.G. NOTES A.L.G.

INDEXED H.E. OTT DATE

WEATHER SUNNY INST. NO. N3 75234

TIME 11.20 To 11.55 ROD NO. 95 [illegible]

NOTES CHKD. DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A. C. GUTZ & DQ. WEATHER SUNNY & COOL INST. NO. 75234

NOTES BY H. E. OTT DATE 12-8-60 TIME 9:00 TO 3:20 ROD NO. 35836

INDEXED DATE NOTES CHKD DATE

F.B. 1382 Pg. 113

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 118-3 TO BM 118-4
BM 118-3													BM 118-3 (H 42 C. US 3188
1	094	931	395	5	123 / 65	58	224	291	525	5	254 / 135	59	AVE Q & SPRR
													SEE F.B. 1382-8 FOR DESC
2	106	786	407	5	134 / 78	56	180	307	481	5	208 / 152	56	
3	144	712	445	5	175 / 113	62	187	794	483	5	[illegible]	62	
4	131	659	432	5	162 / 100	62	188	442	489	5	219 / 157	62	R. D GLIDDEN
5	117	427	418	5	150 / 84	66	207	753	508	5	240 / 174	66	
TOTAL	595	515	CM			304	988	587	CM			305	
							595	515				304	
Diff in Elev BM 118-4							393	072	CM		Meters	001	BM 118-4
													AVE Q & 10TH ST E
													SEE F.B. 1382-9 FOR DESC

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 1382 PG. 114

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

SURVEY BY ACG NOTES ALG 12-8-60

INDEXED H.E.O.T. DATE

WEATHER OVER CAST INST. NO. 25234 N3

TIME 1:15 TO 1:30 ROD NO. 95 & 96

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 118-4 TO BM 118-3
BM 118-4													BM 118-4
1	215	941	516	5	248 / 183	65	126	512	427	5	158 / 93	65	AVE Q & 10TH ST E,
													SEE F.B. 1382-9 FOR DESC
2	194	850	495	5	224 / 163	61	136	440	437	5	167 / 105	62	
3	191	079	492	5	220 / 160	60	147	825	448	5	178 / 119	62	
4	180	787	481	5	207 / 152	55	110	592	411	5	138 / 82	56	⊼ R.D GLIDDEN
5	223	682	524	5	253 / 194	59	092	167	393	5	121 / 63	58	
TOTAL	1006	339	CM				613	536	CM				
	613	536											
DIFF IN ELEV	392	803	CM										
BM 118-3													BM 118-3

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER INST. NO. 75234

NOTES BY ALG DATE 12/8/60 TIME 2.05 To 2.20 ROD NO. 95896

INDEXED B. E. OTT DATE NOTES CHKD DATE

F.B. 1382 PG. 115

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 118-3 TO BM 118-4 RERUN
BM 118-3													BM 118-3 (H 426 US 3188)
1	095	567	396	5	124 / 66	62	224	618	525	5	[illegible]	59	AVE Q & SPRR
													SEE F.B. 1382-8
2	107	884	408	5	134 / 179	55	182	25[illegible]	483	5	[illegible]	[illegible]	
3	152	632	453	5	183 / 121	62	194	305	495	5	224 / 163	61	
4	136	306	437	5	166 / 106	60	196	868	497	5	227 / 164	63	⊼ R.D GLIDDEN
5	128	488	429	5	160 / 95	65	215	664	516	5	247 / 182	65	
TOTAL	620	877	CM				1013	710	CM				
							620	877					
DIFF. ELEV							392	833	CM				
BM 118-4													BM 118-4
													AVE Q & 10TH ST E.
													SEE F.B. 1382-9

F.B. 1382 PG. 116

JOB NO.

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A C GUIZADO WEATHER COOL & CLOUDY INST. NO. N3 75234

NOTES BY A L G DATE 12-8-60 TIME 9.20 TO 9.45 ROD NO. 95 696

INDEXED H. E. ON DATE NOTES CHKD DATE

F.B. 1382 PG. 117

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 118-4 TO BM 118-5
BM 118-4													BM 118-4
1	146	652	447	5	177 / 115	62	206	121	507	5	237 / 175	62	AVE Q & 10TH ST E
													SEE F.B 1382-9 FOR DES
2	110	108	411	5	141 / 79	62	197	865	498	5	228 / 166	62	
3	087	082	388	5	115 / 56	62	208	369	509	5	239 / 177	62	
4	139	070	440	5	152 / 126	26	175	558	476	5	188 / 162	26	⊼ R.D GLIDDEN
TOTAL	482	912	CM			212	787	913	CM			212	
Diff in Elev							482	912				212	
							305	001			Meters	424	
TBM 1													TBM 1 (Lg Bt spk in PP #35 & 344E
1	127	211	428	5	158 / 96	62	169	366	470	5	200 / 138	62	AVE Q & 12 Th St E
													SEE FB 1382-4)
2	150	813	451	5	181 / 119	62	181	246	482	5	212 / 150	62	
3	138	373	439	5	169 / 107	62	203	301	504	5	234 / 172	62	
4	140	585	441	5	147 / 132	15	230	713	531	5	237 / 222	15	
TOTAL	556	382	CM			201	784	626	CM			201	
							556	982				201	
Diff in Elev							227	644	CM		Meters	402	
BM 118-5													BM 118-5
													AVE Q & 15 Th St E
													SEE F.B 1382-10 FOR DESC

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 118-5 TO BM 118-4
BM 118-5													BM 118-5
1	233	829	534	5	241 / 226	15	143	614	444	5	151 / 136	15	AVE Q & 15TH ST E.
													SEE F.B. 1383-10 FOR DESC
2	206	948	507	5	237 / 185	62	141	917	442	5	171 / 110	61	
3	186	124	487	5	217 / 155	62	154	747	455	5	185 / 123	62	
4	174	252	475	5	205 / 143	62	133	330	434	5	163 / 102	61	
TOTAL	801	153	CM				573	608	CM				
	573	608											
Diff in Elev	227	545	CM										
TBM 1													TBM #1 (Lg Bt spk in PP# 354344E)
1	177	477	478	5	190 / 164	26	140	402	441	5	153 / 127	26	AVE Q & 12TH ST E
													SEE FB 1382-41
2	212	642	513	5	242 / 181	61	093	058	394	5	123 / 62	61	
3	209	756	510	5	239 / 178	61	120	928	421	5	150 / 89	61	
4	211	700	512	5	241 / 180	61	152	155	453	5	182 / 121	61	
TOTAL	811	575	CM				506	543	CM				
	506	543											
Diff in Elev	305	032	CM										
BM 118-4													BM 118-4
													AVE Q & 10TH ST E.
													SEE F.B 1383-9 FOR DESC

F.B. 1382 PG. 118

JOB NO. 0301.02

SURVEY OF I. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES ALG 12-8-60

INDEXED H. E. OH DATE

WEATHER OVERCAST INST. NO. N3 75234

TIME 12.50 ROD NO. 95896

NOTES CHKD DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A. C. GUIZADO WEATHER CLOUDY INST. NO. 75234

NOTES BY A. L. G. DATE 12-8-60 TIME 9:45 To 10:10 ROD NO. 95-196

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 1382 Pg. 118

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 118-5 To BM 118-6
BM 118-5													BM 118-5
1	140	403	441	5	178 / 101	77	200	832	[illegible]	5	[illegible]	77	AVE Q & 15TH ST
													SEE F.B. 1382-10 FOR DESC
2	131	074	432	5	169 / 93	76	202	538	503	5	240 / 164	76	
3	114	626	415	5	153 / 76	77	191	965	492	5	229 / 153	76	
4	112	252	413	5	150 / 74	76	184	695	485	5	222 / 146	76	⊼ R.D. GLIDDEN
5	119	960	420	5	157 / 80	77	188	842	489	5	227 / 150	77	
6	150	532	451	5	163 / 137	26	191	635	492	5	204 / 178	26	
TOTAL	768	907	CM			409	1160	507	CM			408	
							768	907				409	
Diff in Elev BM 118-6							391	600			Meters	817	
													BM 118-6
													AVE Q & 20TH STE.
													SEE F.B. 1382-11 FOR DESC

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 1382 PG. 130 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES A.C.G. 12-8-60

INDEXED 51 B DIV DATE

WEATHER OVER CAST INST. NO. N3 75234

TIME 12:35 TO 12:50 ROD NO. 95696

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 118-C TO BM 118-5
BM 118-C													BM 118-C
1	183	344	484	5	196 / 170	26	140	009	441	5	153 / 127	26	AVE Q & 20TH ST E
													SEE F.B 1382-11 FOR DESC
2	191	294	492	5	229 / 153	76	128	366	429	5	166 / 89	77	
3	191	702	492	5	229 / 153	76	111	047	412	5	149 / 73	76	
4	194	311	495	5	232 / 156	76	124	577	425	5	163 / 86	77	TR. D GLIDDEN
5	211	883	512	5	249 / 173	76	13[illegible]	088	433	5	120 / 34	76	
6	206	012	507	5	244 / 168	76	150	999	451	5	188 / 112	76	
TOTAL	1178	546	CM				787	086	CM				
	787	086											
DIFF in Elev	391	460	CM										
BM 118-5													BM 118-5
													AVE Q & 15TH ST E.
													SEE F.B 1382-10 FOR DESC.

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A. C. GUIZADO WEATHER CLOUDY INST. NO. N3 75234

NOTES BY A.L.G. DATE 12-8-60 TIME 10.10 TO 10.45 ROD NO. 95 & 96

INDEXED H.E. OTT DATE NOTES CHKD. DATE

F.B. 1382 Pg. 121

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM118-6 TO BM118-7
BM118-6													BM 118-6
1	201	730	502	5	239 / 162	77	135	316	436	5	174 / 96	78	AVE Q & 20TH ST E
													SEE F.B 1382-11 FOR DESC
2	191	048	492	5	230 / 152	78	129	781	430	5	165 / 90	78	
3	190	908	491	5	228 / 152	76	122	582	423	5	161 / 84	77	
4	204	733	505	5	242 / 166	76	128	322	429	5	166 / 90	76	⊼ R.D GLIDDEN
5	219	472	520	5	257 / 181	76	130	664	431	5	168 / 92	76	
6	172	222	473	5	179 / 165	14	158	872	453	5	165 / 151	14	
7	155	589	456	5	163 / 147	16	179	032	480	5	187 / 171	16	
TOTAL	1335	702	CM			413	984	569	CM			415	
	984	569										413	
Diff in Elev	351	133	CM								Meters	828	
BM 106-1													BM 106-1
1	169	722	470	5	181 / 156	25	182	747	483	5	194 / 169	25	20TH ST E & AVE Q 8
							169	722				25	SEE F.B 2418-9 FOR DESC
Diff in Elev							13	025	CM		Meters	50	
BM 118-7													BM 118-7
													20TH ST E & AVE Q S
													SEE F.B. 1382-12 FOR DES

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 1382 PG. 122 — SURVEY OF L. A. CO. PRECISE LEVEL NET — SURVEY BY ACG — NOTES ALG 12-9-60 — INDEXED H. E. OTT — DATE — 0301.02

WEATHER CLOUDY — TIME 11:05 TO 11:25 — NOTES CHKD — DATE — INST. NO. N3 75234 — ROD NO. 95 E 96

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 118-7 TO BM 118-6
BM 118-7													BM 118-7
1	183	838	484	5	195 / 170	25	170	812	471	5	183 / 158	25	20TH ST E & AVE Q-8
	170	812											SEE F.B. 1382-12 FOR DESC
DIFF IN ELEV	13	026											
BM 106-1													BM 106-1
1	140	812	441	5	178 / 101	77	212	389	520	5	237 / 160	77	20TH ST E & AVE Q-8
													SEE F.B. 2418-9 FOR DESC
2	130	943	431	5	169 / 92	77	206	728	507	5	234 / 168	76	
3	124	259	425	5	162 / 86	76	193	151	494	5	231 / 155	76	
4	129	483	430	5	168 / 90	78	190	242	491	5	229 / 151	78	
5	133	262	434	5	172 / 94	78	200	327	501	5	238 / 161	77	
TOTAL	658	759	CM				1009	837	CM				
							658	759					
DIFF IN ELEV							351	078	CM				
BM 118-6													BM 118-6
													AVE Q & 20TH ST E
													SEE F.B. 1382-11 FOR DESC

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 118-7 TO B.M. 118-8A
B.M. 118-7													B.M. 118-7 (1/4 COR)
1	333	908	534	5	267 / 198	69	077	293	378	[illegible]	111 / 42	69	AVE Q-8 & Palmdale Blvd
													See FB 1382-12
2	163	403	464	5	201 / 125	76	130	358	431	[illegible]	[illegible]	77	
3	180	108	481	5	218 / 142	76	093	918	394	5	131 / 55	76	
4	193	498	494	5	231 / 155	76	102	762	403	5	140 / 64	76	
5	203	766	[illegible]	5	[illegible]	76	089	203	390	5	127 / 51	76	
6	171	077	472	5	190 / 152	38	134	260	435	5	[illegible]	38	
Total	1145	754				411	627	794				412	
	627	794										411	
												823	METERS
Diff in Elev	517	960											
B.M. 118-8A													B.M. 118-8A (State of Calif MON)
													Palmdale Blvd & 15th ST E
													SEE FB 1382-13A

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

SURVEY BY R.C. Guzzolo WEATHER Sunny INST. NO. 25234

NOTES BY J.W. Lybrand DATE Dec. 9, 1960 TIME 9:15 to 9:30 ROD NO. 95 & 96

INDEXED H.E. OTT DATE NOTES CHKD DATE

F.B. 1382 Pg. 123

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 118-8A TO BM 118-7
B.M. 118-8A													B.M. 118-8A (State of Calif MON)
1	132	902	433	5	151 / 113	38	169	108	470	5	188 / 150	38	Palmdale Blvd & 15th ST E
													SEE FB 1382-13A
2	085	848	386	5	123 / 47	76	195	492	496	5	233 / 157	76	
3	096	578	397	5	134 / 58	76	192	795	493	5	230 / 154	76	
4	090	858	391	5	128 / 52	76	181	988	482	5	219 / 143	76	
													π A. Goble
5	128	797	429	5	166 / 90	76	157	019	458	5	195 / 119	76	
6	079	891	380	5	114 / 44	70	236	410	537	5	271 / 201	70	
Total	614	874				412	1132	812	/			412	
							614	874					
Diff in Elev.							517	938	/				
B.M. 118-7													B.M. 118-7 (1/4 cor)
													Ave Q-8 & 20th ST E
													SEE FB 1382-12

F.B. 1382 PG. 124

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES J. W. Lybrand

INDEXED H. E. OTT DATE

WEATHER Sunny INST. NO. N-3 75234

TIME 1:20 to 1:40 ROD NO. 95 & 96

NOTES CHKD DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. 118-8A TO BM 118-9
BM 118-8A													BM. 118-8A (State of Calif Mon)
1	177	072	478	5	215 139	76	125	400	426	5	93 57	76	AVE Q-8 & 20th St E
													SEE FB 1382-13A
2	173	029	474	5	211 135	76	128	832	429	5	166 90	76	
3	181	500	482	5	219 143	76	095	568	396	5	133 57	76	
4	193	965	494	5	235 155	76	098	293	399	5	135 59	76	
5	198	005	499	5	236 160	76	106	220	407	5	144 68	76	
6	162	605	463	5	146 129	9	173	205	474	5	128 168	10	T A. Goble
Total	1086	175				389	727	518				390 389	
	727	518										779	METERS
Diff in Elev	358	657											
BM 118-9													BM 118-9 (Sec Cor)
													AVE R & 15th St E
													SEE FB 1382-14

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

SURVEY BY H.E. Gulbrod WEATHER Sunny INST. NO. 25284

NOTES BY L. Hildebrand DATE Dec. 9 1960 TIME 9:50 AM ROD NO. 28496

INDEXED B.E. Ott DATE NOTES CHKD DATE

F.B. 1382 Pg. 125

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 118-9 TO B.M. 118-8A
B.M. 118-9													B.M. 118-9 (SEC. COR)
1	168	975	469	5	174 / 163	11	[illegible]	247	459	5	168 / 153	10	AVE R & 15th ST E
													SEE FB 1382-14
2	094	269	395	5	132 / 57	76	186	466	487	5	224 / 148	76	
3	093	332	394	5	131 / 55	76	188	815	489	5	226 / 150	76	
4	087	320	388	5	125 / 49	76	173	567	474	5	211 / 135	76	⊼ A. Goble
5	126	546	427	5	164 / 88	76	170	362	471	5	208 / 132	76	
6	127	212	428	5	165 / 89	76	178	870	479	5	216 / 140	76	
Total	697	654				391	1056	327	/			390	
							697	654	/				
Diff. in Elev.							358	673	/				
B.M. 118-8A													B.M. 118-8A (state of calif mon)
													PALMDALE Blvd & 15th ST E
													SEE FB 1382-13A

F.B. 1382 PG. 126 JOB NO. 0301:02

SURVEY OF F. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES J.W. Lybrand

INDEXED H. E. Ott DATE

WEATHER Sunny INST. NO. N-3 75234

TIME 1:00 to 1:20 ROD NO. 95 & 96

NOTES CHKD DATE

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY H.C. Gutzke

NOTES BY J. M. Lykeard DATE Dec. 9, 1960 WEATHER Sunny INST. NO. 73254

INDEXED H.E. Ott DATE TIME 10:20 to 12:50 ROD NO. 8 FPC

NOTES CHKD DATE

F.B. 1382 Pg. 127

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From BM 118-9 To BM 118-10
BM 118-9													B.M. 118-9 (1/4 COR)
1	240	932	541	5	256 / 225	31	080	325	381	5	95 / 65	30	AVE R & 15th ST E
													SEE FB 1382-14
2	202	305	503	5	233 / 172	61	110	235	411	5	140 / 79	61	
3	173	007	474	5	203 / 142	61	111	266	412	5	141 / 80	61	
4	190	853	491	5	221 / 160	61	129	157	430	5	159 / 98	61	
5	168	942	469	5	199 / 138	61	127	240	428	5	157 / 96	61	
													T. A. Goble
6	166	697	467	5	177 / 155	22	135	971	436	5	146 / 124	22	
Total	1142	736				297	694	188				291 / 297 / 573	METERS
	694	188											
Diff in Elev	448	548											
T.B.M #4													T.B.M. #4
1	200	666	501	5	231 / 170	61	138	760	439	5	168 / 107	61	AVE R & 11th E SE COR
													BT spkin cb, 1½ Ft E of E. end cb
2	141	355	442	5	169 / 114	55	194	340	495	5	222 / 167	55	SEE FB 1382-70
Total	342	021				116	333	100				116 / 116 / 232	METERS
	333	100											
Diff in	8	921											
BM 118-10													B.M. 118-10 (SEC COR)
													AVE R & 10th ST E
													SEE FB 1382-15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 118-10 TO B.M. 118-9
B.M. 118-10													B.M. 118-10 (SEC COR)
1	194	744	495	5	222 / 167	55	141	826	442	5	169 / 114	55	AVE R & 10th St E
													SEE FB 1382-15
2	138	743	439	5	168 / 107	61	200	918	501	5	231 / 170	61	
Total	333	487				116	392	794	/			116	
							333	487					
Diff in Elev							9	357	/				
T.B.M. #4													TBM 4
1	132	083	433	5	143 / 121	22	163	440	464	5	174 / 152	22	AVE R & 11th St E SE COR
2	119	269	420	5	150 / 88	62	160	195	461	5	191 / 130	61	Bt spk in cb, 11' Ft E of E and CR SEE FB 1382-70
3	127	179	428	5	157 / 96	61	192	454	493	5	222 / 161	61	
4	113	733	414	5	143 / 82	61	172	217	473	5	202 / 141	61	
5	111	803	412	5	141 / 80	61	203	888	504	5	234 / 173	61	
6	074	089	375	5	89 / 59	30	234	762	535	5	249 / 219	30	
Total	678	156				297	1126	956	/			296	
							678	156				297	
							448	800	/			593	METER
Diff in Elev													
B.M. 118-9													B.M. 118-9 (1/4 COR)
													AVE R & 15th St E
													SEE FB 1382-14

F.B. 1382 PG. 128

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NO.

SURVEY BY A.C.G. NOTES J.W. Lybrand

INDEXED H. E. OTT DATE

WEATHER Sunny INST. NO. N-3 75234

TIME 11:25 to 11:45 ROD NO. 95 E 96

NOTES CHKD DATE

78P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. Guzzano

NOTES BY J.M. Hagen

INDEXED U.E. Ott

DATE Dec 9 1960

DATE

WEATHER Sunny

TIME 2:00 to 2:30

NOTES CHKD

DATE

INST. NO. 22234

ROD NO. 8-7-8

F.B. 1382 PG 124

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 118-9 TO BM 118-10
BM 118-9													BM 118-9 (1/4 COR)
1	236	252	537	5	251 / 221	30	075	255	376	5	90 / 60	30	AVE R & 15th ST E
													SEE FB 1382-14
2	203	752	504	5	233 / 172	61	111	914	412	5	141 / 80	61	
3	173	768	474	5	203 / 142	61	115	696	416	5	145 / 84	61	
4	193	037	494	5	223 / 162	61	127	630	428	5	157 / 96	61	
5	163	448	464	5	193 / 132	61	122	026	423	5	152 / 91	61	
6	165	295	466	5	196 / 154	22	134	677	435	5	145 / 123	22	
Total	1135	552				296	686	998				296	
	686	998											
Diff in Elev	448	554											
T.B.M. #4													T.B.M. #4
1	198	815	499	5	228 / 168	60	136	832	437	5	166 / 106	61	AVE R & 11th ST E. SEC COR
													BT spk in cb; 11' E of F.E.
2	143	007	444	5	171 / 116	55	195	958	496	5	228 / 168	55 / 116	and CR. SEE FB 1382-70.
Total	341	822				115	332	790					
	332	790											
Diff in Elev	9	032											
BM 118-10													BM 118-10 (SEC COR)
													AVE R & 10th ST E
													SEE FB 1382-15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 118-10 TO BM 118-9
BM 118-10													BM 118-10
1	200	072	501	5	227 / 172	55	146	937	447	5	179 / 118	55	AVE 'R' @ 10TH ST E
													SEE F.B. 1382-15 FOR DESC
2	144	678	445	5	175 / 113	62	206	943	507	5	236 / 176	60	
TOTAL	344	750	CM				353	880	CM				
							344	750					
Diff in Elev							9	130	CM				
TBM #4													TBM #4
1	140	832	441	5	151 / 128	23	172	188	473	5	182 / 161	21	AVE 'R' @ 11TH ST. E
													Bt. spk in cb; 11' E. of
2	129	693	430	5	160 / 98	62	172	993	473	5	203 / 142	61	E and cl. See FB 1382-70
3	137	550	438	5	168 / 107	61	197	520	498	5	228 / 166	62	
4	118	312	419	5	148 / 87	61	179	218	480	5	209 / 148	61	
5	116	960	417	5	146 / 86	60	209	501	510	5	240 / 178	62	⊼ R. D. GLIDDEN
6	084	558	385	5	99 / 69	30	245	58	546	5	200 / 230	30	
TOTAL	727	905	CM				1176	584	CM				
							727	905					
Diff in Elev							448	679	CM				
BM 118-9													BM 118-9
													AVE 'R' @ 15TH ST E
													SEE F.B. 1382-14 FOR DESC

F.B. 1382 PG. 130 JOB NO. 0301.02

SURVEY OF ~~L. A. CO. PRECISE LEVEL NF~~

SURVEY BY ACG NOTES ALG 12-12-60

INDEXED H. E. OTT DATE

WEATHER SUNNY INST. NO. 75234

TIME 10.30 TO 11.00 ROD NO. 55896

NOTES CHKD. DATE

76PS26B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY H.C. GUZZARD WEATHER Sunny INST. NO. 25-829

NOTES BY J. M. [illegible] DATE Dec. 9 1960 TIME 10:50 to 11:00 ROD NO. 98-F96

INDEXED DATE NOTES CHKD DATE

F.B. 1382 Pg. 131

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 118-10 TO BM 118-1
BM 118-10													BM 118-10
1	253	327	554	5	283 / 222	61	095	347	391	5	127 / 66	61	AVE R.E. 10th ST E
													SEE FB 1382-15
2	212	597	573	5	242 / 181	61	068	370	369	5	98 / 38	61	
3	236	658	537	5	257 / 215	42	076	200	377	5	93 / 52	41	T. R. Gode
4	195	591	495	5	219 / 171	48	068	065	369	5	92 / 44	48	
Total	898	172	/			212	309	282				211	
	309	282	/									212	
BS in Lev	588	890										423	METERS
BM 118-1													
													BM 118-1 (X-426) US 3203
													AVE R.E. SPER
													SEE FB 1382-6

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 118-1 TO BM 118-10
B.M. 118-1													B.M. 118-1 (X-426)(US 3203)
1	062	671	363	5	86 38	48	[illegible]	[illegible]	491	5	214 166	48	AVE R & SP RR.
													SEE FB 1382-6
2	071	937	372	5	91 50	41	23[illegible]	[illegible]	533	5	252 211	[illegible]	
3	063	309	364	5	93 32	61	208	733	509	5	238 177	61	
													[illegible] A. Noble
4	088	083	389	5	118 57	61	243	393	544	5	273 212	61	
Total	286	000				211	874	750	/			211	
							286	000	/				
Diff in Elev.							588	750					
BM 118-10													BM 118-10
													AVE R & 10th St E
													SEE FB 1382-15

F.B. 1382 PG. 132

JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NF

SURVEY BY A.C.G. NOTES J.W. Lybrand

INDEXED H. S. OTT DATE

WEATHER Sunny INST. NO. N-3 75232

TIME 11:05 to 11:25 ROD NO. 95E96

NOTES CHKD. DATE

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZARD WEATHER Sunny INST. NO. 75234

NOTES BY ACG DATE 12-16-60 TIME 11:05 to ROD NO. 95896

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 1382 Pg. 133

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM118-8A TO BM118-2
BM118-8A													BM118-8A (State of Calif)
1	201	312	502	5	231 / 170	61	140	120	441	5	170 / 109	61	PALMDALE BLVD & 15th ST E
2	175	759	476	5	205 / 140	61	133	024	434	5	163 / 102	61	SEE FB 1382-13A
3	191	282	492	5	221 / 160	61	094	069	395	5	124 / 63	61	
4	201	146	502	5	231 / 170	61	113	623	414	5	143 / 82	61	
5	195	208	496	5	225 / 164	61	110	658	411	5	140 / 79	61	
6	218	504	519	5	248 / 187	61	084	167	385	5	114 / 53	61	
7	198	025	499	5	206 / 189	17	142	736	443	5	150 / 133	17	
8	162	975	463	5	180 / 144	36	183	191	484	5	200 / 165	35	418
TOTAL	1544	311	/			414	1001	588				418	419
	1001	588											837
DIFF/ELEV	542	723	/										
BM118-11													BM118-11
1	233	685	534	5	263 / 202	61	100	196	401	5	130 / 69	61	PALMDALE BLVD & 10th ST E
2	191	081	492	5	221 / 160	61	121	085	422	5	151 / 90	61	SEE FB 1382-16
3	193	138	494	5	223 / 162	61	129	735	430	5	159 / 98	61	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM118-8A TO BM118-2
4	212	382	513	5	228 / 195	33	120	935	421	5	136 / 103	33	
5	157	292	458	5	157 / 155	4	0[illegible]	[illegible]03	359	5	60 / 56	4	
TOTAL	987	578	/				530	454					
	530	454											
DIFF/ELEV	457	124	/										
BM 118-2						220						220 / 220 / 440	BM118-2 (E-57) 45C&GS Palmdale Blvd & Sierra Hwy SEE FB1382-7

WEATHER SUNNY INST. NO. N3 75234

TIME 11:05 TO 11:50 ROD NO. 95&96

NOTES CHKD. DATE

F.B. 1382 PG. 134 JOB NO. 0301.02

SURVEY OF I A CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OTT DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZARO

NOTES BY R.C.B.

INDEXED H.E. OTT

DATE 12/16/60

DATE

WEATHER Sunny

TIME 10:10 AM

NOTES CHKD

DATE

INST. NO. 25324

ROD NO. 25396

F.B. 1382 PG. 135

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM118-2 TO BM118-BA
BM118-2													BM118-2 (E-57)
1	058	562	359	5	60 / 56	4	157	220	458	5	159 / 155	4	Palmdale Blvd & Sierra Hwy
													SEE FB 1382-7
2	122	108	423	5	138 / 105	33	213	122	514	5	229 / 196	33	
3	129	554	430	5	159 / 98	61	194	321	495	5	224 / 163	61	⊼ R.D GLIDDEN
4	130	092	431	5	161 / 100	61	205	433	506	5	235 / 174	61	
5	111	936	412	5	161 / 80	61	239	451	540	5	269 / 209	60	
TO TAL	552	252				220	1009	550				219	
							552	252				220	
							457	298				439	METERS
DIFF/ELEV													
BM118-11													BM118-11
1	184	152	485	5	201 / 166	35	163	963	464	5	181 / 145	36	Palmdale Blvd & 10th St.
													SEE FB 1382-16
2	139	153	440	5	147 / 130	17	185	704	486	5	192 / 175	17	
3	074	722	375	5	104 / 43	61	217	222	516	5	247 / 186	61	
4	108	822	409	5	138 / 77	61	189	885	490	5	219 / 158	61	
5	104	935	405	5	134 / 73	61	192	257	493	5	222 / 161	61	
6	091	982	392	5	121 / 60	61	193	171	494	5	223 / 162	61	
7	131	202	432	5	161 / 100	61	174	374	475	5	204 / 143	61	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM118-2 TO BM118-8A
8	139	612	440	5	169 108	61	[illegible]	782	501	5	230 169	61	
TOTAL	974	580				418	151[illegible]	358				419	
							[illegible]	[illegible]				418	
												837	METERS
Diff/Elev BM118-8A							542	778					BM118-8A (state of Calif) Palmdale Blvd E/5th St E See FB882-13A

F.B. 1382 PG. 136 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED [illegible] DATE

WEATHER Sunny INST. NO. N3 75234

TIME 10:10 to 11:[illegible] ROD NO. 95896

NOTES CHKD. DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER SUNNY INST. NO. N3 75234

NOTES BY ACG DATE 12-16-60 TIME 1:20 ROD NO. 95096

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 1382 Pg. 137

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM118-8A TO BM118-5
BM118-8A													BM118-8A (State of Calif)
1	154	083	455	5	184 / 123	61	199	466	500	5	230 / 168	62	Palmdale Blvd & 15th ST E
													SEE FB 1382-13A
2	112	828	413	5	137 / 87	50	200	168	501	5	224 / 176	48	
3	131	607	432	5	154 / 107	47	196	252	497	5	220 / 171	49	⊼ R.D. GLIDDEN
4	134	621	435	5	158 / 109	49	178	588	479	5	201 / 154	47	
5	130	400	431	5	153 / 106	47	174	747	475	5	197 / 150	47	
6	132	783	433	5	155 / 108	47	169	692	470	5	19 / 146	45	
7	124	999	425	5	148 / 100	48	165	392	466	5	189 / 140	49	
8	132	668	433	5	155 / 108	47	156	298	457	5	179 / 133	46	
9	142	934	443	5	160 / 123	37	221	064	522	5	238 / 203	35	
TOTAL	1196	923				433	1661	667				428	
							1196	923				433	
												861	METERS
DIFF/ELEV BM118-5							464	744					BM118-5 AVE Q & 15th ST E

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM118-5 TO BM118-8A
BM118-5													BM118-5
1	219	922	520	5	236 / 202	34	142	013	443	5	161 / 123	38	AVE Q & 15th ST E
													SEE FB1382
2	157	842	458	5	182 / 133	49	130	745	431	5	153 / 108	45	
3	160	562	461	5	184 / 135	49	124	774	425	5	148 / 100	48	
4	165	362	466	5	188 / 142	46	125	103	426	5	149 / 102	47	
5	174	525	475	5	198 / 150	48	132	640	433	5	155 / 108	47	
6	175	508	476	5	199 / 151	48	129	524	430	5	153 / 105	46	
7	186	749	487	5	209 / 162	47	123	406	424	5	148 / 98	50	
8	198	232	499	5	223 / 174	49	111	315	412	5	135 / 86	49	
9	196	786	497	5	227 / 165	62	151	600	452	5	181 / 120	61	
TOTAL	1635	488					1171	120					
	1171	120											
DIFF/ELEV	464	368											
BM118-8A													BM118-8A (state of Calif)
													PALMDALE BLVD & 15th ST E
													SEE FB1382-13A

F.B. 1382 PG. 138 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H. E. OIT DATE

WEATHER SUNNY INST. NO. N3 75234

TIME 1:55 TO 2:25 ROD NO. 95896

NOTES CHKD. DATE

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY A.C. GUIZADO WEATHER SUNNY INST. NO. 75234

NOTES BY R.G. DATE 12-19-60 TIME 11:15 11:45 ROD NO. 95 & 96

INDEXED H.E. OTT DATE NOTES CHKD DATE

F.B. 1382

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 118-8A TO B.M. 118-5
B.M. 118-8A													B.M. 107-8A
1	146	662	447	5	177 / 115	62	189	053	490	5	220 / 158	62	PALMDALE BLVD & 15TH. ST. EAST
2	110	842	411	5	135 / 86	49	189	967	490	5	213 / 164	49	SEE FB 1382-13A
3	119	278	420	5	143 / 95	48	195	307	496	5	219 / 171	48	
4	133	068	434	5	157 / 109	48	173	519	474	5	197 / 144	48	
5	124	823	425	5	148 / 101	47	169	868	470	5	193 / 145	48	⊼ A.L. GOBLE
6	129	254	430	5	152 / 106	46	165	972	466	5	188 / 142	46	
7	120	062	421	5	144 / 96	48	159	478	460	5	184 / 135	49	
8	132	287	433	5	156 / 108	48	156	515	457	5	179 / 133	46	
9	138	017	439	5	157 / 119	38	218	898	519	5	235 / 201	34	
TOTAL	1154	349					1618	577					
DIFF. IN ELEV.							1154	349					
							464	228					
B.M. 118-5													B.M. 118-5 AVE. Q & 15TH. ST. EAST SEE FB 1382-10

F.B. 1382 Pg. 140 JOB NO. 030102

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY / NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

Notes Ck'd by	Survey of L.A. Co. PRECISE LEVELING
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by DREIER
Checked	Notes Date APRIL 1972
Date	Indexed C. J. GALLI MAY 5 '72

F. B. 1382 PG. 141

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE NO. 118, APRIL 1972 RELEVELING

REF.
F.B. 1382 - 5 TO 16
F.B. 3716 - 195 TO 204
F.B. 3717 - 193 TO 226

DREIER
MALDONADO
SIEMANN
OHASHI
McKNIGHT

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

Do not extend this side of this line.

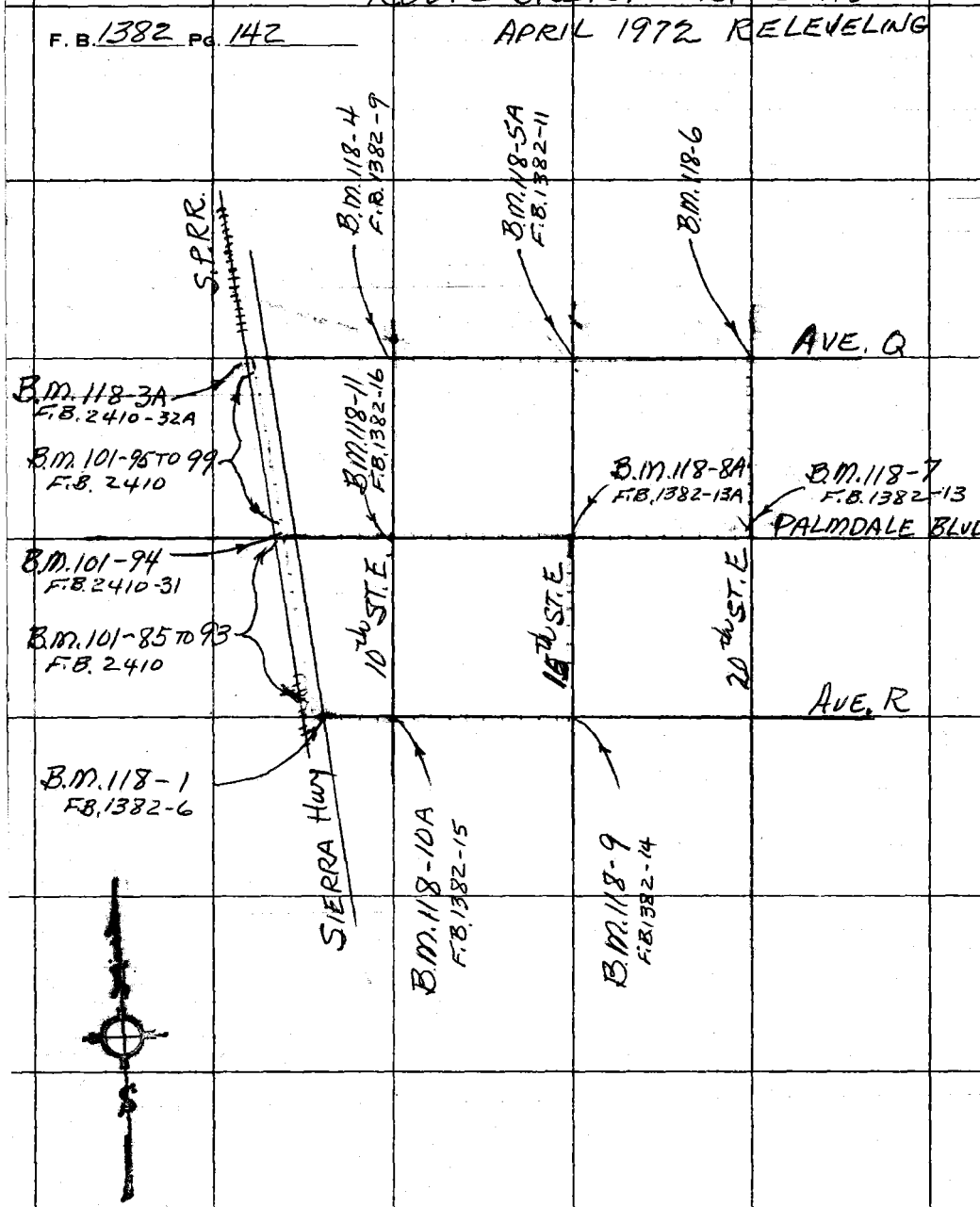
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

ROUTE SKETCH LINE 118

F. B. 1382 PG. 142

APRIL 1972 RELEVELING



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

Do not extend this side of this line.

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

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	158	781	459 5	160 156 4	202	469	503 5	229 175 54	54 M- 4 M= 50 M=0.20 mm
2	154	889	455 5	156 152 4	111	160	412 5	54	54 M- 4 M= 50 M=0.20 mm
	313	670		8	313	629		108	
	313	589				040 mm		- 8	
	+	081			~~-0. mm~~			~~100~~	Curvature Corr.=0.40 mm
					313	589		100	
					-34				
	+ 0.008 mm= "C"								
	100 / 0.810 mm								
					mm= "C"				

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-26-72

INDEXED C. J. GALLI DATE 5 '72

WEATHER Sunny & Breezy TIME 10:25

NOTES CHKD _____ DATE _____

INST. NO. 96716

ROD NO. 1713A&B

T- 740

F.B. 1382 PG. 143

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
1	161	781	462 5	163 159 4	198	404	499 5	225 171 54	54 m - 4 m = 50m = 0.20mm
2	153	840	454 5	155 151 4 8	117	100	418 5	144 90 54 108 -8 100	54 m - 4 m = 50m = 0.20mm CURV. CORR. = 0.40 mm
	315	621			315	504			
						0.40			
	315	464			315	464			
	1.57 mm								
	+ 0.016 mm = "C"								
	100) 157								

F.B. 1382 PG. 144 JOB NO. 0301.02

SURVEY OF C.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER NOTES DREIER 4-27-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96776

TIME 9:35 ROD NO. 173A-3

NOTES CHKD DATE

70°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY ~~[illegible]~~ G.E. Drerr
NOTES BY Maldonado DATE 4-28-72
INDEXED C. J. GALLI DATE 5 72
WEATHER Sunny & Windy
TIME 9:30
NOTES CHKD
INST. NO 96716
ROD NO 1713 A&B
DATE
F.B. 1382 PG. 145
T-78°

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	157656	458 5	159 155 4	139931	440 5	166 112 54	54M- 4 M= 50 M=0.20 mm
2	163392	464 5	165 161 4	181060	482 5	208 154 54	54M- 4 M= 50 M=0.20 mm
	321048		8	320991		108	
	320951			0.40 mm		8	
	+ 0.97 mm			-0. mm			Curvature Corr.=0.40 mm
				320951		100	
				-			

+ .009 mm= "C"
100/0.970 mm
100
970

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	156	371	457 5	158 154 4	143	188	444 5	170 116 54	54M - 4M = 50 M = 0.20
2	160	423	461 5	162 158 4	173	558	474 5	200 146 54	54M - 4M = 50 M = 0.20
	316	794			316	746		108	
	316	706		8				8	
		088				0.40 mm			Curvature Corr. = 0.40 mm
					316	706		100	

+ .009 mm = "C"

100) 0.880 mm

F.B. 1382 PG. 146 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-1-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 9:30 ROD NO. 1713AE

NOTES CHKD DATE

T - 80°

76P526B CE # 308 8/68

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER
INDEXED C.J. GALLI
DATE 5-2-72
DATE MAY 5 '72
WEATHER 90° CLEAR
TIME 10:00
NOTES CHKD
INST. NO 26716
ROD NO 17134-B
DATE
F.B. 1382 PG. 147

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	157.122	458.5	159 / 155 4	197.420	498.5	224 / 170 54	54M- 4 M= 50M=0.20 mm
2	145.948	446.5	147 / 143 4	105.650	406.5	132 / 78 54	54M- 4 M= 50M=0.20 mm
	303.070		8	303.070		108	0.40 mm
	303.030			0.40 mm			
	+ 0.40 mm			-0. mm		- 8	Curvature Corr.=0. mm
				303.030		100	
	+ 0.004 / 10.40		mm= "C"				
				/		mm= "C"	

F.B. 1382 PG. 148 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

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 BM118-1 TO BM101-85
BM 118-1			155			296	BM118-1 (U.S.G.S. K-426 1935)
1	104.430	405.5	53 102	243.452	544.5	190 .106	S.P.R.R. & 168 Ft. S. of Ave R.
			139			198	See F.B. 1382-6
2	129.631	430.5	119 .20	190.661	491.5	182 16	
			120			122	π-Siemann
			2			122	
	234.061			434.113		242	BM101-85 (U.S.C.&G.S. D-811 1947)
BM101-85				234.061			S.P.R.R. & ± 375 Ft. N. of Ave. "R"
							See F.B. 2410-28
				200.052			3735-177

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-26-72

INDEXED C. J. GALLI DATE 5 72

WEATHER Sunny & Windy INST. NO. 96716

TIME 10:40 to 10:50 ROD NO. 1713A&B

NOTES CHKD. LARAINE MIYATA DATE 5 SEP 72

T-74°

F.B. 1382 PG. 149

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-85 TO BM118-1
BM 101-85				264				149	BM101-85 (U.S.C.&G.S. D-811, 1947)
1	237	391	538 5	210 54	121	720	422 5	93 56	S.P.R.R. & 3¼ Poles S. of Mile Pole
				256				170	#414 & N. of Ave. "R",
2	223	110	524 5	190 66	138	710	439 5	106 64	see F.B. 2410-28
				120				120	3735-177
								120	T-Siemann
	460	501			260	430		240	
BM 118-1	260	430							BM 118-1 (U.S.G.S. K-426, 1935)
	+ 200	071							S.P.R.R. & 168 Ft. So. of Ave. "R".
									see F.B. 1382-6

T-80°

F.B. 1382 PG. 150 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-28-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy ANST. NO. 96716

TIME 2:25 to 2:35 ROD NO. 17BA23

NOTES CHK. DRAINE MIYATA DATE 25 SEP 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 101-85 TO BM 101-86
BM 101-				181				184	BM 101-85 (U.S.C.&G.S. D-811 1947)
1	165	170	466.5	149 32	168	212	469.5	152 32	S.P.R.R. & 375± N. of Ave "R"
				108				107	See F.B. 2410-28
2	106	652	407.5	104 4	105	331	406.5	103 4	3735-177
				36				36	X-Siemann
								36	
	271	822			273	543		72	
					271	822			BM 101-86 (U.S.C.&G. S-487)
BM 101-86					1	721			S.P.R.R. & 2¼ Poles S. of Mile Pole 414
									See F.B. 2410-29

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-26-72

INDEXED C. J. GALLI DATE 5 72

WEATHER Sunny INST. NO 96716

TIME 10:50 to 11:00 ROD NO 1713 A&B

NOTES CHKD LARAINE MIYATA DATE 25 SEP '72

T-76°

F.B. 1382 PG. 151

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-86 TO BM101-85
BM101-86				103				105	BM101-86 (U.S.C.&G.S. S-487)
1	99	248	400 5	95 8	100	949	401 5	95 10	S.P.R.R. & 2½ Poles So. of Mi. Pole 414
				183				179	See F.B. 2410-29
2	169	249	470 5	155 28	165	821	466 5	151 28	π-Siemann
				36				38	
								36	BM101-85 (U.S.C.&G.S. D-811)
	268	497			266	770		74	S.P.R.R. & 3¼ Poles So. of Mi. Pole #414.
BM101-85	266	770							See F.B. 2410-28
	+ 1	727							3735-177

T-80°

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:10 to 2:25 ROD NO. 713A&B

NOTES CHK'D LARAINE MIYATA DATE 25 SEP '72

F.B. 1382 PG. 152 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-28-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 101-86 TO BM 101-87
BM 101-86			111.			119.	BM 101-86 (U.S.C.&G.S. S-487)
1	109 336	410.5	107.4	117 878	418.5	115.4	S.P.R.R. & 2¼ Poles So. of Mi. Pole 414
			171.			193.	See F.B. 2410-29
2	154 670	455.5	137.34	176 090	477.5	159.34	
			161.38			138.38	π-Siemann
3	160 440	461.5	159.2	137 699	438.5	136.2	
			40			40	
						40	
	424 446			431 667		80	BM 101-87 (U.S.C.&G.S. R-487)
BM 101-87				424 446			S.P.R.R. & 100 yds. ± S.E. of Mi. Pole 414
				7 221			See F.B. 2410-29

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

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

NOTES BY Maldonado DATE 4-26-72 TIME 11:00 to 11:10 ROD NO. 1713 AEB

INDEXED C. J. GALLI DATE 5 72 NOTES CHK. LORAINE MIYATA DATE 25 SEP 72

F.B. 1382 PG. 153

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-87 TO BM101-86
BM101-87				145				157	BM101-87 (U.S.C.&G.S. R-487)
1	139	238	440 5	133 12	151	560	452 5	145 12	S.P.R.R. & 100 yds. ± S.E. of Mi. Pole
				186				159	See F.B. 2410-29 414.
2	171	861	472 5	156 30	146	520	447 5	133 26	
				101 42				109 38	X-Siemann
3	99	389	400 5	97 4	105	170	406 5	101 8	
				46				46	
								46	BM101-86 (U.S.C.&G.S. S-487)
	410	488			403	250		92	S.P.R.R. & 2¼ Poles So. of Mi. Pole
BM101-86	403	250							See F.B. 2410-29 414.
	+ 7	238							

T-80°

F.B. 1382 PG. 154 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-28-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 3:05 to 3:10 ROD NO. 1713 A&B

NOTES CHKD. LARAINE MIYATA DATE 25 SEP 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 101-87 TO BM 101-88
BM 101-87				144				166	BM 101-87 (U.S.C.&G.S. R-487)
1	141	339	442 5	138 6	163	262	464 5	160 6	S.P.R.R. & 100 yds. ± S.E. of Mi. Pole
				175				163	See F.B. 2410-29 414
2	157	698	458 5	139 36	145	279	446 5	127 36	
				42				42	π-Siemann
								42	
	299	037			308	541		84	BM 101-88 (U.S.C.&G.S. Q-487)
					299	037			S.P.R.R. & 60 yds. N.E. of Mi. Pole
BM 101-88					9	504			See F.B. 2410-29 414

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

SURVEY BY G.E. Dreier WEATHER Sunny & Br. INST. NO. 96-716

NOTES BY Maldonado DATE 4-26-72 TIME 11:10 to 11:20 ROD NO. 1713 KB

INDEXED C.J. GALLI DATE NOV 5 72 NOTES CHKD. LORAINE MIYATA DATE 25 SEP '72

F.B. 1382 PG. 155

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-88 TO BM 101-87
BM101-88									BM101-88 (U.S.C.&G.S. Q-487)
1	141	271	442 5	158 124 34	146	420	447 5	165 127 38	S.P.R.R. & 60 yds. ± N.E. of Mi. Pole
									See F.B. 2410-29 414
2	154	790	455 5	158 150 8	140	180	441 5	140 136 2 8	
				42				46	K. Siemann
								42	
	296	061			286	600		88	
	286	600							BM101-87 (U.S.C.&G.S. R-487)
BM.101-87	+ 9	461							S.P.R.R. & 100 yds. ± S.E. of Mi. Pole
									See F.B. 2410-29 414

T-80°

F.B. 1382 PG. 156 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-28-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:55 to 3:05 ROD NO. 1713 A&B

NOTES CHKD. DRAINE MIYATA DATE 25 SEP '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 BM101-88 TO BM101-89
BM101-88				126				197	BM 101-88 (U.S.C.&G.S. Q-487)
1	106	872	407 5	106 2.40	177	741	478 5	157.40	S.P.R.R. & 60 yds. ± N.E. of Mi Pole
					106	872		.40	See F.B. 2410-29 414
					70	869		.80	
									π-Siemann
BM 101-89									BM 101-89 (U.S.C.&G.S. C-811)
									S.P.R.R. & 2¼ Poles N. of Mi Pole
									See F.B. 2410-30 414

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

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

NOTES BY Maldonado DATE 4-26-72 TIME 11:20 to 11:25 ROD NO 1713 A&B

INDEXED C. J. GALLI DATE 5 '72 NOTES CHKD LARAINE MIYA DATE 25 SEP '72

F.B. 1382 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-89 TO BM101-88
BM101-89				188				117	BM101-89 (U.S.C. & G.S. C-811)
1	168	320	469 5	148 40	97	521	398 5	97½ 40	S.P.R.R. & 2¼ Poles N. of Mi. Pole 414
	97	521						40	See F.B. 2410-30
	+70	799						80	
									T- Siemann
BM101-88									BM101-88 (U.S.C. & G.S. Q487)
									S.P.R.R. & 60 yds. ± N. of Mi. Pole 414
									See F.B. 2410-29

T- 80°

F.B. 1382 PG. 158 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-28-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:50 to 2:55 ROD NO. 1713A&B

NOTES CHKD DRAINE MIYATA DATE 25 SEP '72

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-78°

F.B. 1382 PG. 159

SURVEY BY C. E. Dreier WEATHER Sunny & Br. INST. NO. 96716

NOTES BY Maldonado DATE 4-26-72 TIME 11:25 to 11:30 ROD NO. 7139 & B

INDEXED C. J. GALLI DATE 5 '72 NOTES CHKD. DRAINE MIYATA DATE 25 SEP '72

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 101-89 TO BM 101-89A
BM101-89				136				152	BM 101-89 (U.S.C.&G.S. C-811)
1	134	293	435.5	132 4	150	822	457.5	148 4	S.P.R.R. & 2 1/4 Poles N. of Mi. Pole 414
					134	293		4	see F.B. 2410-30
					-16	529		8	
									T-Siemann
BM101-89A									BM 101-89A (U.S.C.&G.S. R-426) S.P.R.R. & 2 1/4 Poles N. of Mi. Pole 414 see F.B. 2410-30B

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 101-89A TO BM 101-89
BM101-89A				151				134	BM 101-89A (U.S.C.&G.S. R-426)
1	149	185	450 5	147 4	132	642	433 5	130 4	S. P.R.R. & 2¼ Poles N. of Mi. Pole
	132	642						4	See F.B. 2410-30B 414
	+16	543						8	
									π-Siemann
BM 101-89									BM 101-89 (U.S.C.&G.S. C-811)
									S. P.R.R. & 2¼ Poles N. of Mi. Pole.
									See F.B. 2410-30 414

T-80°

F.B. 1382 PG. 160 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-28-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:45 to 2:50 ROD NO. 1713 AEB

NOTES CHKD DRAINE MIYATA DATE 25 SEP '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 BM101-89A TO BM101-90
BM101-89A				155				178	BM101-89A (U.S.C.&G.S. R-426)
1	135	645	436 5	115 40	158	360	459 5	138 40	S.P.R.R. & 2¼ Poles N. of Mi. Pole
					135	645		40	See F.B. 2410-30 B 414
					-22	715		80	X-Siemann
BM101-90									BM101-90 (U.S.C.&G.S. Y-811)
									S.P.R.R. & 75 Ft. N.W. of Ctr. of gate
									of W. Ent. to Forest Lumber Yd.
									See F.B. 2410-30

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-26-72

INDEXED C. J. GALLI DATE MAY 5 '72

NOTES CHKD

WEATHER Sunny & Br. INST. NO. 96716

TIME 11:30 to 11:35 ROD NO. 1713A

DATE 25 SEP '72

T-78°

F.B. 1382 PG. 161

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-90 TO BM 101-89A
BM101-90				185				162	BM 101-90 (U.S.C.&G.S. Y-811)
1	16	990	466 5	145 40	143	240	444 5	124 38	S.P.R.R. & 75 Ft. N.W. of Ctr. of
	143	240						40	gate of W. Ent. to Forest Lumber Yd.
	+22	750						78	See F.B. 2410-30
									⊼-Siemann
BM101-89A									BM 101-89A (U.S.C.&G.S. R-426)
									S.P.R.R. & 2¼ Poles N. of Mi. Pole 414
									See F.B. 2410-30B

F.B. 1382 PG. 162 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-28-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 96716

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

NOTES CHKD ARAINE MIYATA DATE 25 SEP 72

T-80°

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 BM101-90 TO BM101-91
BM101-90				176				154	BM101-90 (U.S.C.&G.S. Y-811)
1	172	779	473.5	168 8	151	608	452.5	148 6	S.P.R.R. & 75 Ft. N.W. of Ctr. of gate of
	151	608						8	W. Ent. to Forest Lumber Yd.
	+21	171						14	See F.B. 2410-30
									X-Siemann
BM101-91									BM101-91 (U.S.C.&G.S. Q-426)
									S.P.R.R. & 47 Ft. W. & across tracks
									from BM 101-90 (Y-811)
									See F.B. 2410-30

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-26-72

INDEXED C. J. GALLI DATE NOV 5 '72

WEATHER Sunny & Br. INST. NO. 86716

TIME 11:35 to 11:40 ROD NO. 173A&B

NOTES CHKD RAINE MIYATA DATE 25 SEP '72

T-78°

F.B. 1382 PG. 163

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-91 TO BM101-90
BM101-91	146	931	447 5	~~176~~ 150				172	BM101-91 (U.S.C.&G.S. Q-426)
1	~~172~~	~~198~~	~~473 5~~	~~168~~ 142	168	111	469 5	164 8	S.P.R.R. & 47 Ft. W. & Across tracks
					146	931		8	from BM 101-90 (Y-811)
					-21	180		16	See F.B. 2410-30
									X-Siemann
BM 101-90									B.M. 101-90 (U.S.C.&G.S. Y-811) S.P.R.R. & 75 Ft. N.W. of Ctr. of gate of W. Ent. to Forest Lumber Yd. see F.B. 2410-30

T-80°

WEATHER Sunny & Windy INST. NO. 96716

TIME 1:30 to 1:40 ROD NO. 1713 A&B

NOTES CHKD DRAINE MIYATA DATE 25 SEP 72

F.B. 1382 PG. 164 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-28-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-91 TO B.M. 101-93
B.M. 101-91									B.M. 101-91 (U.S.C.&G.S. Q-426)
1	121	821	422 5	153 89 64	183	502	484 5	214 152 62	
									SEE F.B. 2410-30
2	148	589	449 5	161 135 26 90	172	386	473 5	186 158 28 90	
B.M. 101-93								90	B.M. 101-93 (U.S.G.S. 2657)
	270	410			355	888		180	
					270	410			SEE F.B. 2410-31
					-85	478			

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

SURVEY BY G.E. DREIER DATE 4-26-72 WEATHER CLEAR INST. NO. 96716

NOTES BY G.F. DREIER DATE 4-26-72 TIME 11:40 TO 11:45 ROD NO. 1713A-B

INDEXED C. J. GALLI DATE NOV 5 72 NOTES CHKD DARAINE MIYATA DATE 25 SEP 72

78°

F.B. 1382 PG. 165

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
B.M. 101-93									B.M. 101-93 (U.S.G.S 2657)
1	163	690	464 5	187 139 48	142	510	443 5	167 117 50	SEE F.B. 2410-31
2	169	499	470 5	188 150 38	126	488	427 5	144 108 36	
				86				86	
3	172	198	473 5	176 168 8	151	020	452 5	155 146 9	
				94				95	
B.M. 101.91								94	B.M. 101-91 (U.S.C.&G.S. Q 426)
	505	387			420	018		189	SEE F.B. 2410-30
	420	018							
	+85	369							

80°

WEATHER CLEAR-WINDY INST. NO. 96716

TIME 1:20 TO 1:30 ROD NO. 1713 AE

NOTES CHKD. LORAINE MIYATA DATE 25 SEP '72

F.B. 1382 PG. 166 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-93 TO BM101-94
BM101-93				216.				270.	BM101-93 (U.S.G.S. 2657)
1	187	151	488 5	158 58	242	~~613~~ 577	543 5	214 56	S.P.R.R. & 550± N. of BM101-91
					187	151			See F.B. 2410-31 (Q-426)
					55	426		58	
								114	T-Siemann
BM101-94									BM101-94 (U.S.C.&G.S. X-811)
									S.P.R.R. & 86 Ft. S.E. of BM101-95 (
									See F.B. 2410-31 (B-811)

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

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

NOTES BY Maldonado DATE 4-26-72 TIME 11:45 to 11:50 ROD NO. 1713A&B

INDEXED C. J. GALLI DATE 5 72 NOTES CHKD ~~ANNE MIYATA~~ DATE 25 SEP 72

T-80°

F.B. 1382 PG. 167

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-94 TO BM101-93
BM 101-94				267				213	BM101-94 (U.S.C.&G.S. X-811) N. of Palmdale Blvd.
1	239	853	540 5	211 56	184	502	485 5	155 58	S.P.R.R. & 86 Ft. S.E. of BM101-95
	184	502						56	see F.B. 2410-31 (B-811)
	+55	351						114	
									X-Siemann
BM 101-93									BM101-93 (U.S.G.S. 2657) (N. of Palmdale Blvd.)
									S.P.R.R. & 550± N. of BM101-91
									see F.B. 2410-31 (Q-426)

WEATHER Sunny & Windy INST. NO. 96716

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

NOTES CHECK KRAINE MIYATA DATE 25 SEP '72

T-80°

F.B. 1382 PG. 168 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-28-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-94 TO BM 101-95
BM 101-94				174				135	BM 101-94 (U.S.C.&G.S. X-811)
1	168	621	469 5	162 12	128	331	429 5	121 14	S.P.R.R. & 86 Ft. SE. of BM 101-95 (B-811)
	128	331						12	See F.B. 2410-31
	+40	290						26	
									A - Siemann
BM 101-95									BM 101-95 (U.S.C.&G.S. B-811)
									S.P.R.R. & Palmdale Blvd.
									See F.B. 2410-31A

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 4-26-72

INDEXED C. J. GALLI DATE MAY 5 72

T-80°

WEATHER Sunny & Windy

TIME 11:50 to 11:55

NOTES CHK. LARAINE MIYATA

INST. NO. 96716

ROD NO. 17133 & 8

DATE 25 SEP 72

F.B. 1382 PG. 169

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-95 TO BM101-94
BM101-95				138				180	BM101-95 (U.S.C.&G.S. B-811)
1	132	919	433.5	126 12	173	175	474.5	166 14	S.P.R.R. & Palmdale Blvd.
					132	919		12	See F.B. 2410-31A
					40	256		26	
									T-Siemann
BM101-94									BM101-94 (U.S.C.&G.S. X-811)
									S.P.R.R. & 86 Ft. S.E. of BM101-95 (B-811)
									See F.B. 2410-31

T-80°

F.B. 1382 PG. 170 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-28-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 9671

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

NOTES CHKD LARAINE MIYATA DATE 25 SEP 72

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

F.B. 1382 PG. 171

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

NOTES BY Maldonado DATE 4-26-72 TIME 11:55 to 12:00 ROD NO. 1713A&B

INDEXED C. J. GALLI DATE MAY 5 '72 NOTES CHKD DRAINE MIYATA DATE 25 SEP '72

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM101-95 TO BM101-96
BM 101-95				102				210	BM 101-95 (U.S.C.&G.S. B-811)
1	70	511	371.5	38.64	179	380	480.5	148.62	S.P.R.R. & Palmdale Blvd
					70	511		64	See F.B. 2410-31
					-108	869		126	
									K-Siemann
BM 101-96									BM101-96 (U.S.C.&G.S. A-811)
									S.P.R.R. & 380 ft ± N. of Palmdale Blvd
									See F.B. 2410-31

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 BM101-96 TO BM101-95
BM 101-96				214				105	BM 101-96 (U.S.C.&G.S. A-811)
1	182	561	483 5	150 64	73	621	374 5	41 64	S.P.R.R. & 380 Ft.± N. of Palmdale
	73	621						64	See F.B. 2410-31 Blvd.
	108	940						128	
									T-Siemann
BM 101-95									BM 101-95 (U.S.C.&G.S. B-811)
									S.P.R.R. & Palmdale Blvd.
									See F.B. 2410-31A

T-80°

F.B. 1382 PG. 172 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 4-28-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 1:05 to 1:10 ROD NO. 1713 A&L

NOTES CHKD LARAINE MIYATA DATE 25 SEP '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

NOTES BY SIEMANN DATE 4-26-72

INDEXED C. J. GALLI DATE MAY 5 72

WEATHER SUNNY INST. NO. 96716

TIME 1:05 TO 1:10 ROD NO. 1713AD

NOTES CHKD LARAINE MIYATA DATE 25 SEP '72

F.B. 1382 PG. 173

T = 84°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-96 TO BM 101-97
BM 101-96									B.M. 101-96 (U.S.C.&G.S. A-811)
1									S.P.R.R. & 0.4 MI. SO. OF AVE. Q.
	111	129	412.5	144 78.66	216	279	517.5	248 184.64	SEE F.B.
								66 / 130	π = MALDONADO
					111	129			
BM 101-97				-	105	150			BM 101-97 (U.S.C.&G.S. M. 426)
									S.P.R.R. & 0.3 MI. SO. OF AVE. Q.
									SEE F.B.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 101-97 TO B.M. 101-96
B.M. 101-97									B.M. 101-97 (U.S.C. & G.S. M-426)
									S.P.R.R. 0.3 MI. SO. OF AVE. Q.
1	208	538	509 5	240 176 64	103	345	404 5	135 71 64	SEE F.B.
									π = MALDONADO
	103	345						64	
B.M. 101-96 +	105	193						128	B.M. 101-96 (U.S.C. & G.S. A-811)
									S.P.R.R. 0.4. MI. SO. OF AVE Q.
									SEE F.B.

T = 86°

WEATHER SUNNY, BREE INST. NO 96716

TIME 11:50 TO 11:55 ROD NO 1713 M

NOTES CHAINED ~~LARAINE MIYATA~~ DATE ~~2-5-SEP-72~~

F.B. 1382 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-28-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-97 TO B.M. 101-98
B.M. 101-97									B.M. 101-97 (U.S.C.&G.S. M-426)
									S.P.R.R. 0.3 MI. SO. OF AVE. Q.
1	141	330	442.5	172 / 110 .62	149	202	450.5	180 / 118 .62	SEE F.B.
									π = MALDONADO
					141	330		.62	
B.M. 101-98				-	7	872		124	B.M. 101-98 (U.S.C.&G.S. L-426)
									S.P.R.R. 0.25 MI. SO. OF AVE. Q.
									SEE F.B.

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

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

NOTES BY SIEMANN DATE 4-26-72 TIME 1:10 TO 1:15 ROD NO. 1713AD

INDEXED C.J. GALLI DATE MAY 5 72 NOTES CHKD LARAINE MIYATA DATE 25 SEP 72

T = 84°

F.B. 1382 PG. 175

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 1382 PG. 176 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY PREIER NOTES SIEMANN 4-28-72

INDEXED G. J. GALLI DATE

WEATHER SUNNY, BREEZE INST. NO. 96716

TIME 11:45 TO 11:50 ROD NO. 1713 HB

NOTES CHK. DARAINE MIYATA DATE 25 SEP '72

T = 86°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM B.M. 101-98 TO B.M. 101-97
B.M. 101-98									B.M. 101-98 (U.S.C.&G.S. L-426)
									S.P.R.R. 0.25 MI. SO. OF AVE. Q.
1	149	207	450	5	141	303	442	5	SEE F.B.
				180 118 62				172 110 62	
									T = MALDONADO
	141	303						62	
B.M. 101-97	+ 7	904						124	B.M. 101-97 (U.S.C.&G.S. M-426)
									S.P.R.R. 0.3 MI. SO. OF AVE. Q
									SEE F.B.

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= 84°

SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO 26716

NOTES BY SIEMANN TIME 1:15 TO 1:20 ROD NO 170348

INDEXED M. J. GALLI DATE 4-26-72 NOTES CHK'D LORAINE MIYATA DATE 25 SEP 72

DATE NOV 5 72

F.B. 1382 PG. 177

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-98 TO B.M. 101-99
B.M. 101-98									B.M. 101-98 (U.S.C.&G.S. L-426)
									S.P.R.R. 0.25 SO. OF AVE. Q
1	27.901	328.5	59	27.64	209.001	510.5	241	177.64	SEE F.B.
									π = MALDONADO
					27.901			64	
B.M. 101-99				-	181.100			128	B.M. 101-99 (K-426 U.S.G.S.)
									S.P.R.R. 0.20 M. SO. OF AVE. Q
									SEE F.B.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 101-99 TO B.M. 101-98
B.M. 101-99							B.M. 101-99 (U.S.C.&G.S. K-426)
							S.P.R.R. 0.2 MI. SO. OF AVE. Q
1	234 937	535 5	267 201 66	53 821	354 5	85 21 64	SEE F.B.
							π = MALDONADO
	53 821					66	
B.M. 101-98 +	181 116					130	B.M. 101-98 (U.S.C.&G.S. L-426)
							S.P.R.R. MI. SO. OF AVE. Q.
							SEE F.B.

T = 86°

WEATHER SUNNY BRZE INST. NO. 96716

TIME 11:40 TO 11:45 ROD NO. 1713AB

NOTES CHKD. MIYATA DATE 25 SEP 72

F.B. 1382 PG. 178 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-28-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-99 TO B.M. 118-3A
B.M. 101-99									B.M. 101-99 (U.S.C.&G.S. K-426)
1	110	873	411 5	142 78 64	191	661	492 5	222 160 62	S.P.R.R. 0.2 MI. SO. OF AVE. Q.
									SEE F.B. 2410-32
2	105	485	406 5	135 75 60	143	087	444 5	172 114 58	
				124				120	T = MALDONADO
3	232	782	533 5	240 224 16	216	768	517 5	224 208 16	
				140				136	
B.M. 118-3A								140	B.M. 118-3A (U.S.C.&G.S. RMDALE 2)
	449	140			551	516		276	S.P.R.R. S. OF AVE. Q.
					449	140			SEE F.B. 2410-32A
				-	102	376			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 4-26-72

INDEXED C. J. GALLI DATE MAY 5 72

WEATHER SUNNY T = 84°

TIME 1:20 TO 1:30

NOTES CHKD LARAINE MIYATA DATE 25 SEP 72

INST. NO 96716

ROD NO 1713AB

F.B. 1382 PG. 179

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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~~ 118-3A TO B.M. 101-99
B.M. 118-3A									B.M. 118-3A (U.S.C.&G.S. PMDLE. 2)
1	145	057	446 5	172 118 54	163	221	464 5	189 137 52	S.P.R.R. SO. OF AVE. Q.
									SEE F.B. 2410-32A
2	181	427	482 5	210 152 58	95	212	396 5	124 66 58	
				112				110	$\bar{\pi}$ = MALDONADO
3	171	731	472 5	185 157 28	137	370	438 5	150 124 26	
				140				136	
B.M. 101-99								140	B.M. 101-99 (U.S.C.&G.S. K-426)
	498	215			395	803		276	S.P.R.R. 0.20 MI. SO. OF AVE. Q.
	395	803							SEE F.B. 2410-32
+	102	412							

F.B. 1382 PG. 180 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIEN NOTES SIEMANN 4-28-72

INDEXED L. J. GALLI DATE

WEATHER SUNNY, BRZE INST. NO. 96716

TIME 11:30 TO 11:40 ROD NO. 1713AB

NOTES CHK. LARAINE MIYATA DATE 25 SEP 72

T = 86°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M.118-3A TO B.M.118-4
B.M.118-3A							B.M.118-3A (U.S.C.&G.S. PALMDALE-2)
1	98 612	399.5	123 73 40	180 741	481.5	205 155 50	S.P.R.R. SO. OF AVE. Q.
							SEE F.B. 2410-32A
2	73 252	374.5	101 45 56	206 543	507.5	234 178 56	
			106			106	
3	123 363	424.5	153 93 60	158 368	459.5	188 128 60	
			166			166	
4	120 ~~689~~ 754	421.5	149 91 58	176 812	477.5	205 147 58	π = MALDONADO
			224			224	
5	123 579	424.5	150 96 54	183 613	484.5	211 155 56	
			278			280	
6	134 421	435.5	156 112 44	192 662	493.5	217 167 50	
			322			330	
B.M.118-4						322	B.M.118-4 (SEC COR. 23, 24, 25, 26)
	673 981			1098 739		652	AVE. Q. & 10TH ST.E. ℄ INT.
				673 981			SEE F.B. 1382-9
				424 758			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 4-26-72

INDEXED C.J. GALLI DATE MAY 5 72

WEATHER SUNNY INST. NO. 96716

TIME 1:34 TO 2:00 ROD NO. 1713AB

NOTES CHKD ARAINE MIYA DATE 25 SEP 72

T = 84°

F.B. 1382 PG. 181

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 118-4 TO B.M. 118-3A
B.M. 118-4									B.M. 118-4 (SEC COR 23, 24, 25, 26)
1	192	239	493 5	224 / 160 64	116	362	417 5	148 / 84 64	AVE. Q & 10TH. ST. E. & INT.
									SEE F.B. 1382-9
2	191	208	492 5	221 / 161 60	129	011	430 5	159 / 99 60	
				124				124	
3	192	571	493 5	223 / 161 62	156	847	457 5	186 / 126 60	
				186				184	$\bar{\lambda}$ = MALDONADO
4	172	878	473 5	202 / 142 60	88	014	389 5	117 / 59 58	
				246				242	
5	225	321	526 5	257 / 193 64	100	447	401 5	132 / 68 64	
				310				306	
6	242	272	543 5	251 / 233 18	200	802	501 5	210 / 190 20	
				328				326	
B.M. 118-3A								328	B.M. 118-3A (U.S.C.&G.S. PALMDALE-2)
	1216	489			791	483		654	S.P.R.R. SO. OF AVE. Q.
	791	483							SEE F.B. 2410-32A
+	425	006							

F.B. 1382 PG. 182 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-28-72

INDEXED C. J. GALLI DATE

T = 86°

WEATHER SUNNY, BRZE. INST. NO. 96716

TIME 11:00 TO 11:25 ROD NO. 1713A

NOTES CHECKED LARAINE MIYATA DATE 25 SEP '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= 84°
SURVEY BY G.E. DREIER WEATHER SUNNY, WINDY INST. NO 96716
NOTES BY SIEMANN DATE 4-26-72 TIME 2:00 TO 2:30 ROD NO 1713AB
INDEXED G.J. GALLI DATE MAY 5 '72 NOTES CHKD DRAINE MIYATA DATE 25 SEP '72
F.B. 1382 PG. 183

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 118-4 TO B.M. 118-5A
B.M. 118-4									B.M. 118-4 (SEC. COR. 23, 24, 25, 26)
1	138 723		439 5	167 109 58	194 179		495 5	223 165 58	AVE. Q & 10TH ST. E. ℄ INT.
									SEE F.B. 1382-9
2	107 291		408 5	135 79 56	185 356		486 5	213 157 56	
				114				114	
3	90 490		391 5	119 61 58	205 345		506 5	233 177 56	
				172				170	
4	103 810		404 5	131 75 56	179 916		480 5	207 151 56	
				228				226	T= MALDONADO
5	132 738		433 5	160 104 56	157 680		458 5	186 128 58	
				284				284	
6	139 063		440 5	169 109 60	175 593		476 5	204 146 58	
				344				342	
7	121 578		422 5	154 88 66	130 268		531	264 196 68	
				410				410	
								410	B.M. 118-5A (1/4 SEC. COR. 24, 25)
B.M. 118-5A	833 693				328337			820	AVE. Q. & 15TH ST. E. ℄ INT.
					833 693				SEE F.B. 1382-10
					494 644				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 118-5A TO B.M. 118-4
B.M. 118-5A									B.M. 118-5A (1/4 SEC. COR. 24, 25)
1	223	302	524 5	253 / 193 60	131	463	432 5	161 / 101 60	AVE. Q & 15TH ST. E. ℄ INT.
									SEE F.B. 1382-10
2	182	906	483 5	211 / 153 58 / 118	133	712	434 5	161 / 105 56 / 116	
3	155	565	456 5	188 / 122 66 / 184	130	559	431 5	162 / 98 64 / 180	
4	191	633	492 5	224 / 158 66 / 250	105	818	406 5	137 / 73 64 / 244	π = MALDONADO
5	213	699	514 5	243 / 183 60 / 310	93	017	394 5	126 / 60 66 / 310	
6	189	047	490 5	217 / 161 56 / 366	102	546	403 5	129 / 75 54 / 364	
7	181	229	482 5	204 / 158 46 / 412	145	381	446 5	169 / 121 48 / 412	
B.M. 118-4								412	B.M. 118-4 (SEC. COR. 23, 24, 25, 26)
	1337	381			842	496		824	AVE. Q & 10TH ST. E. ℄ INT.
	842	496							SEE F.B. 1382-9
+	494	885							

F.B. 1382 PG. 184 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-28-72

INDEXED C. J. GALLI DATE

T = 84°

WEATHER SUNNY, BREE INST. NO. 96716

TIME 10:30 TO 11:00 ROD NO. 1713AB

NOTES CHECKED DRAINE MIYA DATE 25 SEP '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
NOTES BY G.E. DREIER DATE 4-27-72
INDEXED G.J. GALLI DATE MAY 5 '72
WEATHER CLEAR 70°
TIME 9:45 TO 10:05
NOTES CHKD LORAINE MIYATA DATE 25 SEP '72
INST. NO. 96716
ROD NO. 713A-8
F.B. 1382 PG. 185

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM 118-5A TO B.M. 118-6
B.M. 118-5A							B.M. 118-5A
1	113.179	414.5	154 72.82	209.007	510.5	252 166.86	AVE. Q & 15th ST. E., ℄
							SEE F.B. 1382-10
2	133.151	434.5	168 98.70	205.880	506.5	240 170.70	
3	126.305	427.5	152 161 91.70	190.530	491.5	225 155.70	⊼ R. SIEMANN
4	113.192	414.5	222 150 76.74	187.743	488.5	222 152.70	
5	129.099	430.5	296 161 97.64	183.441	484.5	215 151.64	
6	130.670	431.5	360 154 106.48	196.884	497.5	219 173.46	
			408			406	
B.M. 118-6						408	B.M. 118-6
	745.596			1173.485		814	AVE. Q & 20th ST. E., ℄
				745.596			SEE F.B. 1382-11
				427.889			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 1382 PG. 186 JOB NO. 630.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 4-28-72

INDEXED C. J. GALLI DATE

WEATHER Sc 22 x 5' Br. INST. NO. 96716

TIME 10:10 to 10:30 ROD NO. 713A-B

NOTES CHAINAGE MIYATA DATE 25 SEP '72

T-80°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM.118-6 TO BM.118-5A
BM118-6				251				176	B.M.118-6
1	215	000	516 5	179 72	140	322	441 5	104 72	AVE. Q & 20th ST. E.
				238				166	SEE F.B. 1382-11
2	203	430	504 5	168 70	130	767	431 5	94 72	
				242 142				183 144	T-Siemann
3	206	631	507 5	170 72	148	010	449 5	113 70	
				249 214				150 284	
4	209	642	510 5	169 80	110	210	411 5	70 80	
				223 294				156 294	
5	187	281	488 5	151 72	121	079	422 5	86 70	
				216 366				160 364	
6	196	270	497 5	176 40	139	872	440 5	118 42	
				406				406	
								406	
	1218	254			790	260		812	BM118-5A
	790	260							AVE. "Q" & 15th ST. E.,
BM118-5A	+427	994							See F.B. 1382-10

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.118-6 TO B.M.118-7
B.M.118-6									B.M.118-6
1	201	620	502 5	234 / 168 66	129	658	430 5	162 / 96 66	AVE. Q & 20th ST. E., & SEE F.B. 1382-11
2	177	899	478 5	213 / 141 72	126	281	427 5	162 / 90 72	
3	191	613	492 5	226 / 156 70 / 138	127	786	428 5	162 / 92 70 / 138	
4	192	809	493 5	228 / 156 72 / 208	137	924	438 5	172 / 102 70 / 208	⊼ R. SIEMANN
5	210	989	511 5	245 / 175 70 / 280	119	182	420 5	155 / 83 72 / 278	
6	184	331	485 5	214 / 154 60 / 350	179	788	480 5	209 / 149 60 / 350	
				410				410	
B.M.118-7								410	B.M.118-7
	1159	261			820	619		820	20th ST. E. & N. OF PALMDALE BLVD. SEE F.B. 1382-12
	820	619							
	+338	642							

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 4-27-72

INDEXED C. J. GALLI DATE MAY 5 '72

WEATHER CLEAR 71° TO 80°

TIME 10:05

NOTES CHKD DAINE MIYATA DATE 25 SEP '72

INST. NO. 96716

ROD NO. 19 13A-B

F.B. 1382 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.

F.B. 1382 PG. 188 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 4-28-72

INDEXED G. J. GALLI DATE

WEATHER Sunny & Br. INST. NO. 96716

TIME 9:40 & 10:05 ROD NO. 173A-E

NOTES CHAINAGE MIYATA DATE 25 SEP 72

T-72°

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 118-7 TO B.M. 118-6
BM 118-7			212			227	B.M. 118-7
1	177 310	478 5	142 70	192 142	493 5	157 70	20th ST. E., N. of PALMDALE BLVD,
			151			248	SEE F.B. 1382-12
2	117 830	418 5	83 ~~419~~ 68	215 100	416 5	182 66	
			170			252 136	
3	122 120	423 5	74 96	205 000	506 5	158 94	T-Siemann
			159			214 230	
4	123 825	424 5	87 72	178 999	479 5	142 72	
			174			228 302	
5	139 370	440 5	104 60	190 000	491 5	152 76	
			170			208 378	
6	154 659	455 5	138 32	192 986	493 5	176 32	
			408			410	
						408	
	875117			1174227		818	
				835 117			BM 118-6
BM 118-6				339110			Ave. "Q" & 20th St. E., &
							See F.B. 1382-11

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 118-7 TO BM 118-6
BM 118-7			210			198	BM 118-7
1	186 325	487 5	162 48	176 961	476 5	152 46	20th St. E & Palmdale Blvd.
			159			230	See F.B. 1382-12
2	126 915	427 5	93 66	197 851	498 5	164 66	
			156 114			209 112	
3	121 080	422 5	85 71	209 280	510 5	174½ 70	T-Siemann
			155 185			211 182	
4	125 618	426 5	125½ 60	181 441	482 5	151 60	Re-Run
			166 245			212 242	
5	134 670	435 5	102 64	180 450	481 5	148 64	
			174 309			214 306	
6	141 930	442 5	108 66	182 415	483 5	150 64	
			166 375			216 ~~470~~ 370	
7	147 585	448 5	128 38	195 599	496 5	174 42	
			413			4412	
						413	
BM 118-6	984 123			1322 997		925	BM 118-6
				984 123		8	20th St. E. & Ave. "Q", E
				338 874			See F.B. 1382-11

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

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 5-1-72

INDEXED C. J. GALLI DATE MAY 5 72

WEATHER Sunny & Calm INST. NO 96716

TIME 10:25 to ROD NO 1713A&B

NOTES CHKD DRAINE MIYATA DATE 25 SEP 72

F.B. 1382 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.

STATION	BACKSIGHT Re-Run				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 118-6 TO BM 118-7
BM 118-				237				173	BM 118-6
1	201	782	502 5	165 72	137	325	438 5	101 72	20th St. E. & Ave. "Q" ℄
				227				165	See 1382-11
2	192	999	493 5	157 70	131	909	432 5	97 68	
				224 142				162 140	
3	191	468	492 5	158 66	129	196	430 5	96 66	
				229 208				175 206	K-Siemann
4	195	878	496 5	161 68	139	510	440 5	103 72	
				231 276				143 278	Re-Run
5	195	791	496 5	159 72	107	765	408 5	71 72	
				199 348		499		222 350	
6	199	959	500 5	169½ 60	193	~~530~~	494 5	164 58	
				408				408	
								408	
	1177	876			839	204		816	
	839	204							
	+338	672							
BM 118-7									BM 118-7
									20th St. E. & Palmdale Blvd.
									See F.B. 1382-12

T-82°

F.B. 1382 PG. 190 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 5-1-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Calm INST. NO. 96716

TIME 10:55 to 11:15 ROD NO. 1713 A&B

NOTES CHKD LARAINE MIYATA DATE 25 SEP 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 83°

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

NOTES BY G.E. DREIER DATE 4-27-72 TIME 10:30 TO ROD NO. 1713 A-B

INDEXED C. J. GALLI DATE MAY 5 72 NOTES CHKD DATE 25 SEP 72

F.B. 1382 PG. 191

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 118-7 TO B.M. 118-8A
B.M. 118-7									B.M. 118-7
1	243	433	544 5	266 220 46	140	168	441 5	165 115 50	20th ST. E., N. OF PALMDALE BLVD.
									SEE F.B. 1382-12
2	216	220	517 5	253 179 74	149	399	450 5	184 114 70	
3	187	980	488 5	222 152 70 120	110	401	411 5	147 73 74 120	⊼ R. SIEMANN
4	191	191	492 5	228 154 74 190	105	939	406 5	140 70 70 194	
5	197	341	498 5	232 162 70 264	116	521	417 5	150 82 68 264	
6	203	405	504 5	232 174 58 334	111	009	412 5	141 81 60 332	
7	170	170	471 5	182 158 24 392	159	872	460 5	170 148 22 392	
				416				414	
B.M. 118-8A								416	B.M. 118-8A
	1409	740			893	309		830	PALMDALE BLVD. & 15th ST. E
	893	309							SEE F.B. 1382-13A
	+516	431							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 1382 PG. 192 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 4-27-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR 86° INST. NO. 96714

TIME 2:30 ROD NO.

NOTES CHK. LORAINE MIYATA DATE 25 SEP 72

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 118-8A TO B.M. 118-7
B.M. 118-8A							B.M. 118-8A
1	135 951	436 5	161 109 52	197 290	498 5	222 172 50	PALMDALE BLVD. & 15th ST. E, &
							SEE F.B 1382-13A
2	119 575	420 5	151 87 64	197 589	498 5	228 166 62	
			116			112	
3	112 878	413 5	143 81 62	193 601	494 5	221 165 56	
			178			168	
4	116 230	417 5	146 86 60	198 763	499 5	233 163 70	⊼ R. SIEMANN
			238			238	
5	158 830	459 5	189 127 62	165 051	466 5	196 134 62	
			300			300	
6	135 950	436 5	168 102 66	171 316	472 5	205 137 68	
			366			368	
7	96 413	397 5	124 68 56	268 820	569 5	293 243 50	
			422			418	
B.M. 118-7						427	B.M. 118-7
	875 827			392 430		840	20th ST. E, N. OF PALMDALE BLVD.
				875 827			SEE F.B. 1382-12
				516 603			

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 = 82°

SURVEY BY DREIER

NOTES BY R. SIEMANN DATE 4-27-72 WEATHER SUNNY INST. NO. 96716

INDEXED G. J. GALLI DATE MAY 5 '72 TIME 10:55 TO 11:15 ROD NO. 1713A-8

NOTES CHKD ABRAINE MIYADA DATE 25 SEP

F.B. 1382 PG. 193

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 118-8A TO B.M. 118-9
B.M. 118-8A							B.M. 118-8A
1	189.528	490.5	217 161.56	148.060	449.5	176 120.56	PALMDALE BLVD. & 15th ST. E.
							SEE F.B. 1382-13A
2	172.140	473.5	208 136.72	134.550	435.5	170 98.72	
			128			128	
3	160.897	461.5	195 125.70	108.633	409.5	143 73.70	
			198			198	
4	198.447	499.5	235 161.74	97.505	398.5	134 60.74	π = DREIER
			272			272	
5	202.457	503.5	236 168.68	118.612	419.5	153 83.70	
			340			342	
6	196.880	497.5	220 172.48	154.154	455.5	177 131.46	
			388			388	
B.M. 118-9						388	B.M. 118-9 (1/4 SEC. COR. 25, 36)
	120.349			761.514		776	AVE. R. & 15TH ST. E. & INT.
	761.514						SEE F.B. 1382-14
	+358.835						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 118-9 TO B.M. 118-8A
B.M. 118-9									B.M. 118-9 (1/4 SEC. COR. 25, 36)
1	146	782	447 5	176 116 60	200	668	501 5	230 170 60	AVE. R. & 15TH ST. E. ℄ INT. SEE F.B. 1382-14
2	107	102	408 5	136 78 58 118	184	665	485 5	214 154 60 120	
3	101	967	402 5	136 66 70 188	190	913	491 5	225 155 70 190	
4	121	780	422 5	154 88 66 254	180	717	481 5	212 148 64 254	T = DREIER
5	126	748	427 5	159 93 66 320	166	568	467 5	200 132 68 322	
6	137	183	438 5	171 103 68 388	177	120	478 5	210 144 66 388	
B.M. 118-8A								388	B.M. 118-8A
	741	562			1100	651		776	PALMDALE BLVD. & 15TH ST. E. ℄ INT. SEE F.B. 1382-13A
					741	562			
					359	089			

T = 86°

WEATHER SUNNY INST. NO. 96716

TIME 2:00 TO ROD NO. 1713AB

NOTES CHIEF LORAINE MIYATA DATE 25 SEP '72

F.B. 1382 PG. 194 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-27-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. DREIER

NOTES BY SIEMANN DATE 4-27-72 WEATHER SUNNY INST. NO 96716

INDEXED G. J. GALL DATE 5-72 TIME 11:25 TO 12:00 ROD NO 11748

NOTES CHKD DATE 25 SEP 72

T = 86°

F.B. 1382 PG. 195

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 118-9 TO B.M. 118-9A
B.M. 118-9							B.M. 118-9 (¼ SEC. COR. 25, 36)
1	296 137	597 5	296 264 64	83 275	384 5	115 51 64	AVE. R. & 15TH ST. E. & INT.
							SEE F.B. 1382-14
2	203 627	504 5	242 164 78	129 166	430 5	168 90 78	
3	181 684	482 5	212 150 62 142	123 209	424 5	153 93 60 142	
4	179 251	480 5	210 148 62 204	120 703	421 5	152 88 64 202	T = G. E. DREIER
5	193 460	494 5	221 165 56 266	114 243	415 5	142 86 56 266	
6	178 002	479 5	209 147 62 322	173 103	474 5	203 143 60 322	
7	150 688	451 5	164 136 28 384	181 875	482 5	196 166 30 382	
			412			412	
B.M. 118-10A						412	B.M. 118-10A (SEC. COR. 25, 26, 35, 36)
	382 849			925 574		824	AVE. R. & 10TH ST. E. & INT.
	925 574						SEE F.B. 1382-15
	+ 457 275						

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 118-10A TO B.M. 118-9
B.M. 118-10A									B.M. 118-10A (SEC. COR. 25, 26, 35, 36)
1	201	500	502 5	229 173 56	134	300	435 5	163 105 58	AVE. R. & 10TH ST. E. ℄ INT.
									SEE F.B. 1382-15
2	128	129	429 5	156 100 56	207	185	508 5	236 178 58	
				112				116	
3	115	406	416 5	144 86 58	174	335	475 5	204 144 60	
				170				176	
4	137	922	438 5	171 103 68	196	671	497 5	226 166 60	π = DREIER
				238				236	
5	119	552	420 5	150 88 62	181	568	482 5	211 151 60	
				300				296	
6	115	848	416 5	146 84 62	184	469	485 5	217 151 66	
				362				362	
7	78	468	379 5	102 54 48	275	890	576 5	300 250 50	
				410				412	
B.M. 118-9								410	B.M. 118-9 (¼ SEC. COR. 25, 36)
	896	825			1354	418		822	AVE. R & 15TH ST. E. ℄ INT.
					896	825			SEE F.B. 1382-14
					457	593			

T = 86°

WEATHER SUNNY INST. NO 96716

TIME 1:35 TO 2:00 ROD NO 1713AB

NOTES CHKD LARAINE MIYATA DATE 5 SEP '72

F.B. 1382 PG. 196 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-27-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 5-1-72

INDEXED C. J. GALLI DATE MAY 5 72

WEATHER SUNNY INST. NO. 96216

TIME 9:45 TO 10:15 ROD NO. 178AB

NOTES CHKD ARAINE MIYA DATE 25 SEP

F.B. 1382 PG. 197

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 118-9 TO B.M. 118-10A
B.M. 118-9							B.M. 118-9 (1/4 SEC. COR. 25, 36)
1	280892	581.5	306 254.52	80560	381.5	106 54.52	AVE. R & 15TH ST. E. ℄ INT.
							SEE F.B. 1382-14
2	187333	488.5	218 156.62	123110	424.5	155 91.64	
			114			116	
3	177597	478.5	207 147.60	127000	428.5	157 97.60	
			174			176	
4	201009	502.5	234 168.66	136652	437.5	169 103.66	RERUN
			240			242	
5	188910	489.5	222 154.68	103578	404.5	138 68.70	T = MR. GEORGE E. DREIER I.A.C.E. S.S.C.
			308			312	
6	198155	499.5	228 168.60	167946	468.5	196 138.58	
			368			370	
7	143325	444.5	164 122.42	180860	481.5	200 160.40	
	1233806		410	138846		410	
B.M. 118-10A						410	B.M. 118-10A (SEC. COR. 25, 26, 35, 36)
	377221			919706		820	AVE. R. & 10TH ST. E. ℄ INT.
	919706						SEE F.B. 1382-15
	+ 457515						

F.B. 1382 Pg. 198 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

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
RE#	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 118-10A TO B.M. 118-1
B.M. 118-10A							B.M. 118-10A (SEC. COR. 25, 26, 35, 36)
1	240 001	541 5	268 212 56	103 224	404 5	131 75 56	AVE. R & 10TH ST. E. ℄ INT.
							SEE F.B. 1382-15
2	194 273	495 5	220 168 52 108	80 740	381 5	106 54 52 108	
3	243 899	544 5	268 218 50 158	58 198	359 5	83 33 50 158	π = MALDONADO
4	233 491	534 5	261 205 56 214	80 611	381 5	108 52 56 214	
B.M. 118-1		5			5	214	B.M. 118-1 (U.S.C.&G.S. X-426)
	911 664			322 773		428	AVER & S.P.R.R.
	322 773						SEE F.B. 1382-6
	+ 588 891						

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

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

NOTES BY SIEMANN DATE 4-27-72 TIME 1:00 TO 1:20 ROD NO. 1713AB

INDEXED C. J. GALLI DATE MAY 5 '72 NOTES CHKD LARAINE MIYATA DATE 25 SEP '72

F.B. 1382 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 RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 118-1 TO B.M. 118-10A
B.M. 118-1							B.M. 118-1 (U.S.C.&G.S. X-426)
1	79 873	380 5	107 51 56	232 844	533 5	260 204 56	AVE. R & S.P.R.R. SEE F.B. 1382-6
2	55 481	356 5	81 29 52 108	230 320	531 5	255 205 50 106	
3	76 621	377 5	103 49 54 162	193 675	494 5	220 166 54 160	π = MALDONADO
4	103 663	404 5	128 78 50 212	2 X47 848	548 5	223 221 52 212	
B.M. 118-10A	315 638			804 687 315 638 - 489 049		212 424	B.M. 118-10A (SEC. COR. 24, 25, 35, 36) AVE. R & 10TH ST. E. & INT. SEE F.B. 1382-15

T = 86°

WEATHER SUNNY INST. NO 96716

TIME 1:20 TO 1:35 ROD NO 71342

NOTES CHK DRAINE MIYATA DATE 25 SEP 72

F.B. 1382 PG. 206 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 4-27-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=92°

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

NOTES BY SIEMANN DATE 5-1-72 TIME 1:00 TO 1:50 ROD NO 1713AB

INDEXED C. J. GALLI DATE MAY 5 72 NOTES CHKD LARAINE MIYA DATE 25 SEP 72

F.B. 1382 PG. 201

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 118-8A TO B.M. 118-11
BM 118-8A	3								B.M. 118-8A (STATE OF CALIFORNIA HIGHWAYS DIVISION 07)
1	211	644	512 5	239 183 56	152	810	453 5	184 120 64	PALMDALE BLVD. & 15TH ST. E. & INT.
									SEE F.B. 1382-13A
2	161	863	462 5	190 132 58	93	920	394 5	124 62 62	
				114				126	
3	185	261	486 5	215 155 60	108	327	409 5	132 84 48	
				174				174	
4	167	702	468 5	196 138 58	51	374	352 5	80 22 58	
				232				242	
5	152	918	453 5	183 121 62	117	471	418 5	148 87 60	π = MALDONADO
				294				292	
6	225	087	526 5	256 194 62	95	261	396 5	125 65 60	
				356				352	
7	226	401	527 5	256 196 60	11[illegible]	878	412 5	145 77 68	
				416				420	
8	120	001	421 5	128 112 16	177	601	478 5	184 170 14	
				432				434	
B.M. 118-11								432	B.M. 118-11 (1/4 SEC. COR. 25 26)
	450	877			908	642		866	PALMDALE BLVD. & 10TH ST. E 144 FT. N.
	908	642							SEE F.B. 1382-16
	+ 54[illegible] 2	235							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 118-11 TO B.M. 118-8A
B.M. 118-11									B.M. 118-11 (1/4 SEC COR. 25, 26)
1	200	384	501 5	231 169 62	203	471	504 5	234 172 62	PALMDALE BLVD. & 10TH ST. E.
									SEE F.B. 1382-16
2	68	879	369 5	104 32 72 / 134	223	162	524 5	257 189 68 / 130	
3	96	169	397 5	132 60 72 / 206	215	569	516 5	250 180 70 / 200	
4	140	076	441 5	173 107 66 / 272	257	413	558 5	293 221 72 / 272	⊼ = MALDONADO
5	116	430	417 5	147 85 62 / 334	174	028	475 5	204 144 60 / 332	
6	127	654	428 5	161 93 68 / 402	156	348	457 5	190 122 68 / 400	
7	135	409	436 5	150 120 30 / 432	197	187	498 5	212 182 30 / 430	
B.M. 118-8A								432 / 862	B.M. 118-8A (ST. CAL HWY. DIV)
	885	001			427	178			PALM DALE BLVD. & 15TH ST. E. &
					885	001			SEE F.B. 1382-13A
					542	177			

F.B. 1382 PG. 202

JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-1-72

INDEXED C. J. GALLI DATE

T = 92°

WEATHER SUNNY INST. NO. 96716

TIME 2:30 TO 3 ROD NO. 17B4B

NOTES CHECKED LORAINE MIYATA DATE 25 SEP 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 = 92°

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

NOTES BY SIEMANN DATE 5-1-72 TIME 1:50 TO 2:15 ROD NO 713148

INDEXED D.J. GALLE DATE MAY 5 '72 NOTES CHKD ADAINE MIYAMATE DATE 25 SEP '72

F.B. 1382 PG. 203

STATION	BACKSIGHT RIGHT	MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 118-11 TO B.M. 101-94
B.M. 118-11									B.M. 118-11 (1/4 SEC. COR. 25, 26)
1	224.509	525.5		248 / 200.48	115.811	416.5		140 / 90.50	PALMDALE BLVD. & 10TH ST. E
									SEE F.B. 1382-16
2	193.723	494.5		224 / 162.62 / 110	114.552	415.5		+45 / 83.62	
3	185.208	486.5		215 / 155.60 / 170	114.760	415.5		143 / 112 / 85.58	
4	220.273	521.5		256 / 184.72	63.590	364.5		96 / 170 / 30.66	T = MALDONADO
5	148.297	449.5		162 / 242 / 134.28 / 270	148.547	449.5		164 / 236 / 132.32 / 268	
B.M. 101-94								270 / 538	B.M. 101-94 (U.S.C&G.S. X-811)
	972.010				557.260				S.P.R.R. N. OF PALMDALE BLVD.
	557.260								SEE F.B. 2410-31
	+414.750								

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 1382 PG. 204 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 5-1-72

INDEXED C. J. GALLI DATE

TE 920

WEATHER SUNNY INST. NO. 86716

TIME 2:15 TO ROD NO. 71348

NOTES CHK LORAINE MIYATA DATE 25 SEP '72

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 108-94 TO B.M. 118-11
B.M. 101-94									B.M. 101-94 (U.S.C.&G.S. K-811)
1	137	282	438 5	156 118 38	181	069	482 5	198 164 34	S.P.R.R. & N. OF PALMDALE BLVD. SEE F.B. 2410-31
2	99	171	400 5	134 99 70	216	741	517 5	251 181 70	
3	111	984	412 5	144 78 66 108	190	723	491 5	224 156 68 104	π = MALDONADO
4	99	717	400 5	134 64 70 174	190	095	491 5	224 156 68 172	
5	138	028	439 5	155 121 34 244	222	903	523 5	240 204 36 240	
				278				276	
B.M. 118-11								278	B.M. 118-11 (1/4 SEC. COR. 25, 26)
	586	182			1001	531		554	PALMDALE BLVD. & 10TH ST. E.
					586	182			SEE F.B. 1382-16
					415	349			

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
									RERUN FROM B.M.101-94 TO B.M.118-11
B.M.101-94									B.M.101-94 (U.S.C.&G.S. X-811)
1	133	538	434.5	165 101 64	239	970	540.5	273 205 68	R.R. N. OF PALMDALE BLVD.
									SEE F.B. 2410-31
2	86	491	387.5	121 51 70	172	924	473.5	207 137 70	
				134				138	RERUN
3	105	708	406.5	140 70 70	203	208	504.5	236 170 66	⊼ J. MALDONADO
				204				204	
4	114	162	415.5	145 83 62	186	848	487.5	217 155 62	
				266				266	
5	136	348	437.5	142 130 12	188	619	489.5	194 182 12	
				278				278	
B.M.118-11								278	B.M.118-11
	576	247			991	569		556	10th ST. E., N. OF PALMDALE BLVD.
					576	247			SEE F.B. 1382-16
					415	322			

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

SURVEY BY G.E. DREIER DATE 5-2-72 WEATHER 91° CLEAR INST. NO. 96716

NOTES BY G.E. DREIER DATE 5-2-72 TIME 10' ROD NO. 1713A-B

INDEXED C. J. GALLI DATE NOV 5 '72 NOTES CHKD ~~DARAINE MIYATA~~ DATE 25 SEP

F.B. 1382 PG. 205

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 173A1 DATE 25 SEP 72

WEATHER CLEAR 89° TIME 0135 NOTES CHK LARAINE MIYAPA

F.B. 1382 PG. 206 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 5-2-72

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT (RERUN) Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM. 118-11 TO BM. 101-94
BM. 118-11									BM. 118-11
1	225	121	526 5	248 202 46	119	020	420 5	143 95 48	16th ST. E., N. OF PALMDALE BLVD. SEE F.B. 1382-16
2	198	272	499 5	231 185 66	120	011	421 5	152 88 64	
3	199	220	500 5	232 112 166 66	105	637	406 5	139 112 71 68	RERUN ⊼ J. MALDONADO
4	206	209	507 5	233 178 129 54	85	699	386 5	113 180 ½ 85 56	
5	156	701	457 5	232 172 140 32	139	923	440 5	155 236 123 32	
				264				268	
BM. 101-94								264	BM. 101-94 (U.S.C.&G.S.
	985523				570290			532	S.P.R.R., N. OF PALMDALE BLVD. SEE F.B. 2410-31
	570290								
	+415233								