Notes Ck'd by	Survey of	F. B. 1380 Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

BOOK INDEX

F.B. 1380 - PAGES

LINE NO. 15

DESCRIPTIONS 6 TO 14

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LINE NO. 13

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DESCRIPTIONS, B.M. 13-12 TO B.M. 13-19 141 THRU 148

DIFF. IN ELEV. " " 149 THRU 195

LINE NO 16

DESCRIPTIONS 199 THRU 212

DIFF IN ELEV. (1952) 213 THRU 290

DEP
403 LOS

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	Survey [illegible] PRECISE LEVELING
Map No.	W. O. 4923 Tape No. Std. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 5-52
Date	Indexed [illegible] C. JOHNSON 5-29-52

F.B. 1380 Pg. 5

LINE No. 15

JOB No. 4923

L.A.Co. PRECISE LEVEL NET

G.E. DREIER
E. LANDA
S. SHINODA
M. SONNENSCHEIN
T. OHASHI
D. DIAZ

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

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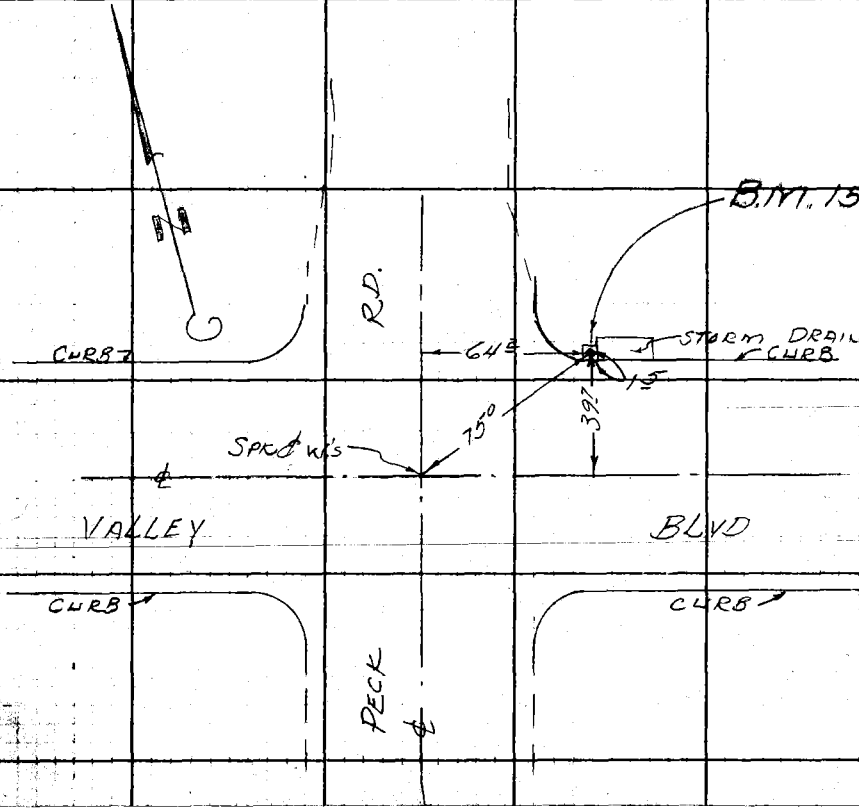
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 1390 PG. 6

B.M. 15-1

PECK RD AND VALLEY BLVD, N.E. COR, A STANDARD COUNTY SURVEYOR'S MONUMENT MARKED - "B.M. 15-1 1952 R.E. 63" SET IN CONCRETE 9 INCHES LOWER THAN THE CURB, AND 1.5FT BACK OF THE CURB, 64.2 EAST OF THE ℄ OF PECK RD AND 39.7FT NORTH OF THE ℄ OF VALLEY BLVD, AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT" L.A. Co 1952 Adj. Elev. = 282.813



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

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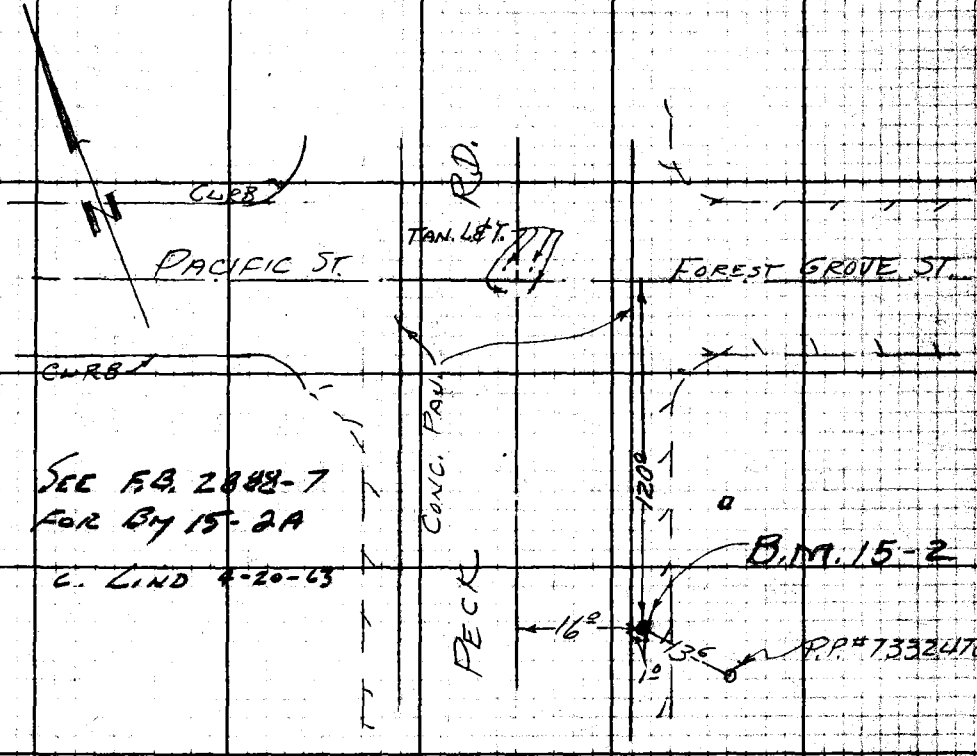
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

F. B. 1380 Pg. 7

BM. 15-2 Not Recovered

PECK RD. AND FOREST GROVE ST., (TO EAST, PACIFIC ST. TO WEST). A STANDARD COUNTY SURVEYOR MONUMENT MARKED "B.M. 15-2 1952 RE.63" SET IN CONCRETE 9 INCHES BELOW THE SURFACE 16.0 FT. EAST OF THE ℄ OF PECK RD AND 120.0 FT SOUTH OF THE ℄ OF FORREST GROVE ST. IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT" L.A.Co. 1952 Adj. Elev. = 295.579.



SEE F.B. 2888-7 FOR BM 15-2A

C. LIND 4-20-63

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.

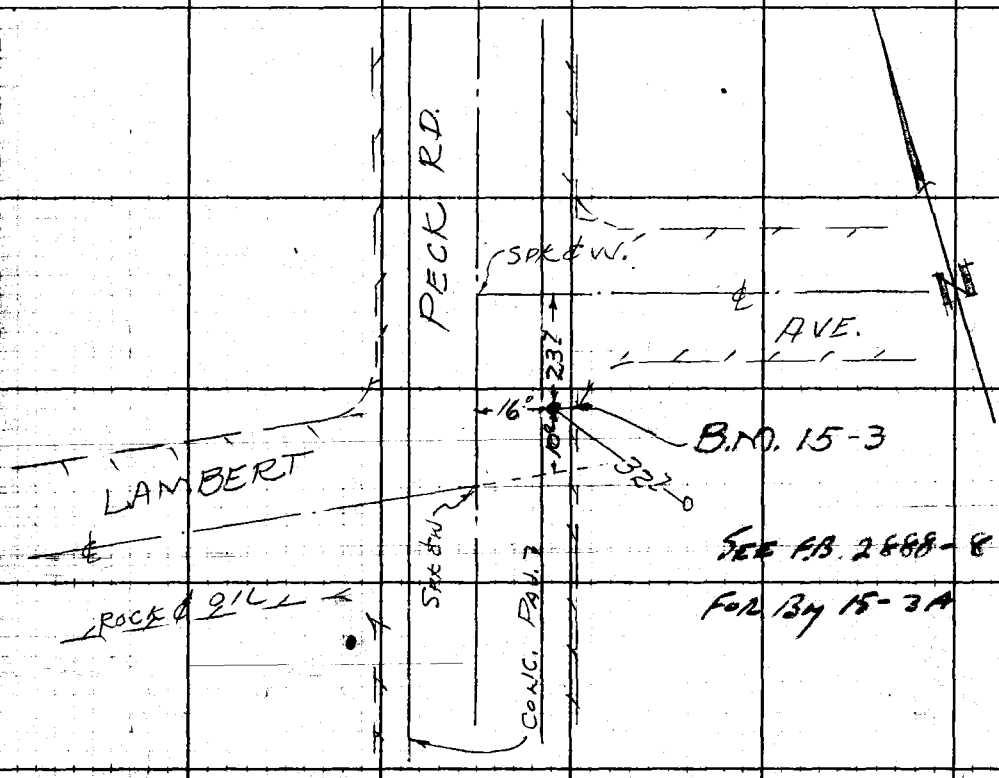
Do not extend notes this side of this line.

76F3095 247 2-81

F.B. 1380 Pg. 8

B.M. 15-3 Not Recovered 4-20-63 LMD

PECK RD AND LAMBERT AVE, S.E. COR.
A STANDARD COUNTY SURVEYOR MONUMENT
MARKED "B.M. 15-3 1952 RE 63" - SET IN CONC.
9 INCHES BELOW THE SURFACE, 16 FT EAST
OF THE ℄ OF PECK RD, 10.0 FT NORTH OF ℄
OF LAMBERT AVE. TO WEST PRODUCED, AND
23.7 FT SOUTH OF THE ℄ OF LAMBERT AVE.
TO EAST IN A WELL CUT THROUGH THE PAV.
AND PROTECTED BY A CAST IRON COVER
MARKED "COUNTY SURVEYOR MONUMENT."
L.A.Co. 1952 Adj. Elev = 312.373 ✓



SEE F.B. 2668-E
FOR B.M. 15-3A

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

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

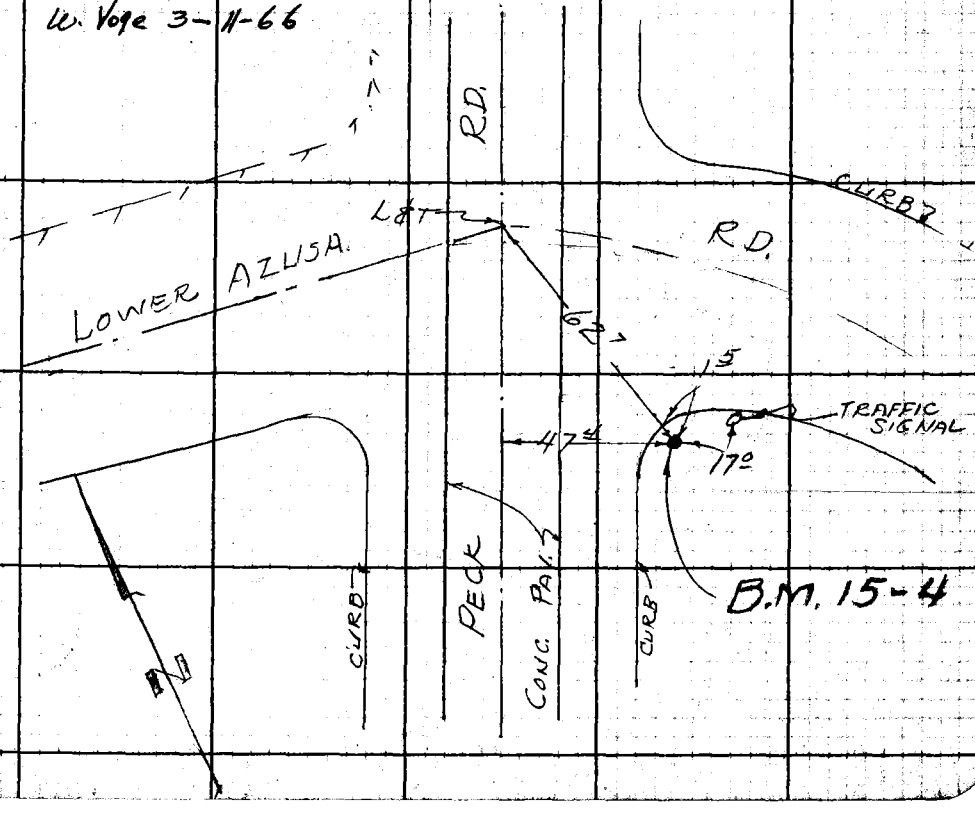
Notes Ck'd by		Survey of	
Map No.		W. O.	Tape No. St'd °F
Office Work		Surveyed by	
Checked		Notes	Date
Date		Indexed	A. C. Johnson

F. B. 1380 Pg. 9

B.M. 15-4

PECK RD. AND LOWER AZUSA RD., S.E. COR.,
A STANDARD COUNTY SURVEYOR MONUMENT
MARKED "B.M. 15-4 1952 RE 63" SET IN
CONCRETE 9 INCHES LOWER THAN THE
CURB AND 1.5 FT BACK OF THE CURB, 47.4 FT
EAST OF THE ℄ OF PECK RD AND 62.7 FT
SOUTH EAST OF THE ℄ INTERSECTION OF
PECK RD AND LOWER AZUSA RD, IN A
WELL PROTECTED BY A CAST IRON COVER
MARKED "COUNTY SURVEYOR MONUMENT."
L.A.Co. 1952 Adj. Elev. = 322.103

for new description
See FB 3709-195
W. Voge 3-11-66



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

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

78R509S 247 2-51

F.B. 380 Pg. 10

for new description see FB 3709-197 & Page 3-11-66

B.M. 15-4A (B.M. #16 L.B. 763-16)

PECK ROAD & CHERRYLEE DR S.E. COR, A STANDARD C.S. MONUMENT, ON PROPERTY COR, WEST LINE OF LOT 7, 50' EAST OF ℄ PECK RD. AND SOUTH OF ℄ OF CHERRYLEE DR.

L.A. Co. 1952 Adj: Elev = 330.035 ✓

B.M. 15-4B

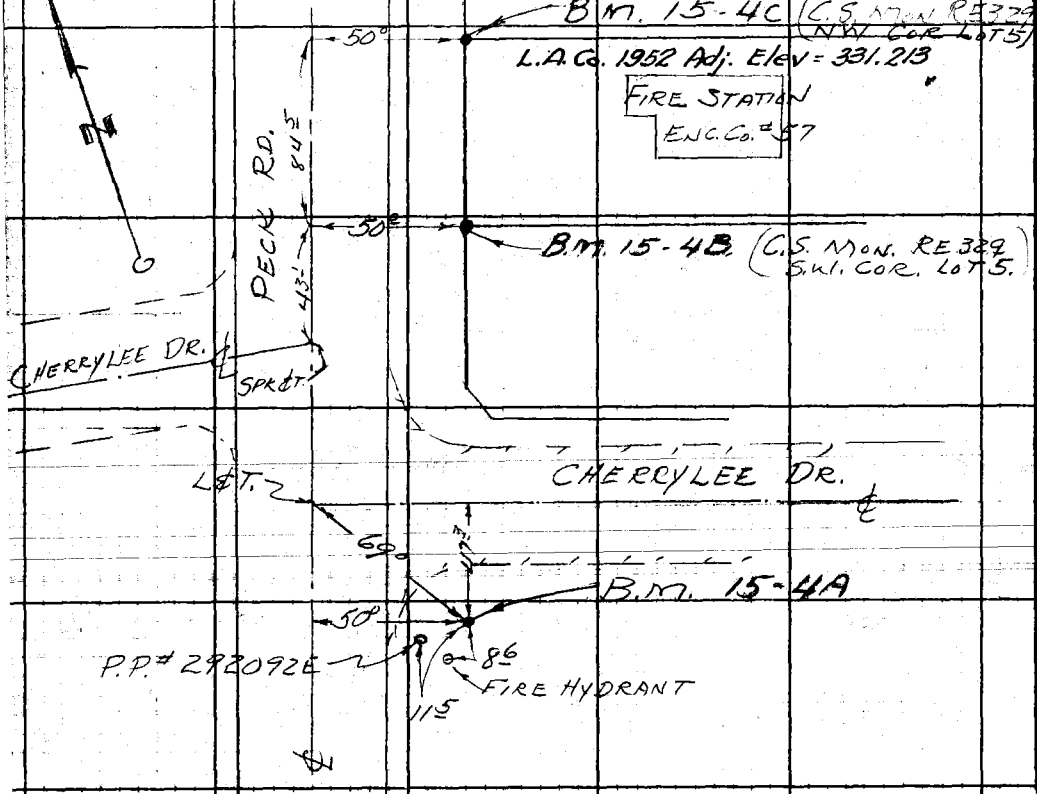
PECK RD & FIRE STATION, ENG. CO. #57, A STANDARD C.S. MON. SET FLUSH, 43± FT N'LY OF ℄ INTERSECTION OF PECK RD AND CHERRYLEE DR. TO WEST AND 50 FT EAST OF ℄ PECK RD., MARKED S.W. COR LOT 5, R.E. 329

L.A. Co. 1952 Adj: Elev = 330.542 ✓

for new description see FB 3709-199 & Page 3-11-66

B.M. 15-4C

PECK RD & FIRE STATION, ENG. CO. #57, A STANDARD C.S. MON. MARKED R.E. 329 N.W. COR LOT 5, 0.4 FEET ABOVE THE GROUND, 127.6 FT N. OF ℄ INTERSECTION OF CHERRYLEE DR & 50 FT E. OF ℄ PECK RD



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

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

Notes Ck'd by	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 5-28-52
Date	Indexed C. Johnson

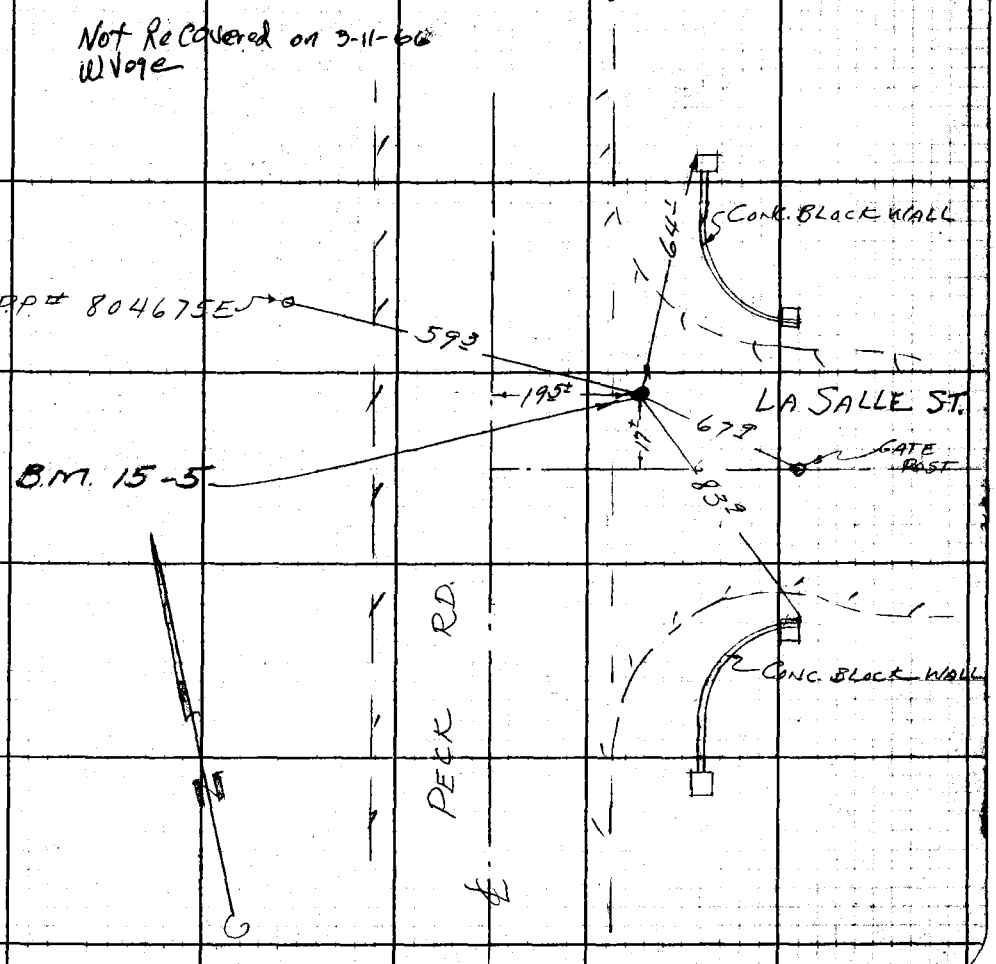
F. B. 1380 Pg. 11

B.M. 15-5

PECK RD. AND LA SALLE ST., N.E. CORNER, A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 15-5 1952 RE 63" SET IN CONCRETE 9 INCHES BELOW THE SURFACE 19.5 ± AT E. OF THE ℄ OF PECK RD AND 17 ± FT N OF THE ℄ OF LA SALLE ST, AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A.Co. 1952 Adj. Elev. = 329.880

Not Recovered on 3-11-66
W Voge



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

76F3098 247 2-51

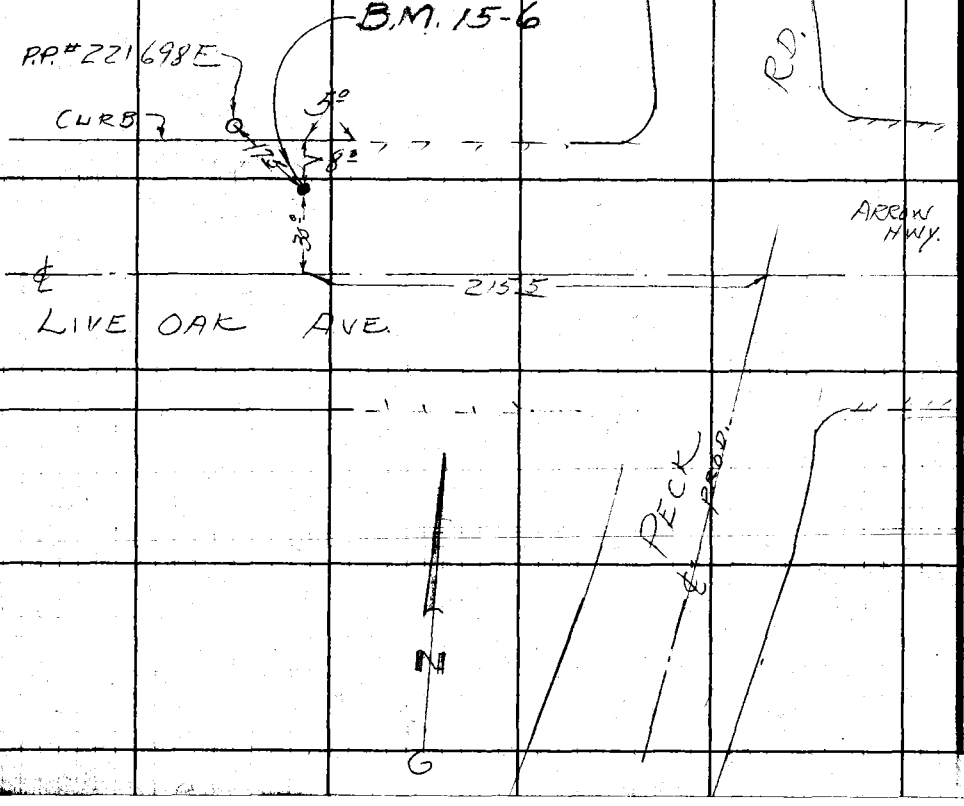
F. B. 1380 PG. 12

B.M. 15-6

PECK RD AND LIVE OAK AVE., N.W. CORNER, A STANDARD COUNTY SURVEYOR MONUMENT STAMPED "B.M. 15-6 1952 R.E. 63", SET IN CONCRETE 9 INCHES BELOW THE SURFACE, 215.5 FT W OF THE INTERSECTION OF THE ℄ OF LIVE OAK AVE AND ℄ OF PECK RD TO SOUTH PRODUCED N'LY AND 30.0 FT NORTH OF THE ℄ OF LIVE OAK AVE, 8.0 FT S'LY FROM THE NORTH CURB OF LIVE OAK AVE, AND 5 FT WEST OF THE EAST END OF THE CURB, IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT".

L.A.Co. 1952 Adj. Elev. = 352.792

Not Recovered on 3-11-66 W. Vogt



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

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

Notes Ck'd by	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 5-28-52
Date	Indexed E. C. Johnson

F.B. 1380 Pg. 15

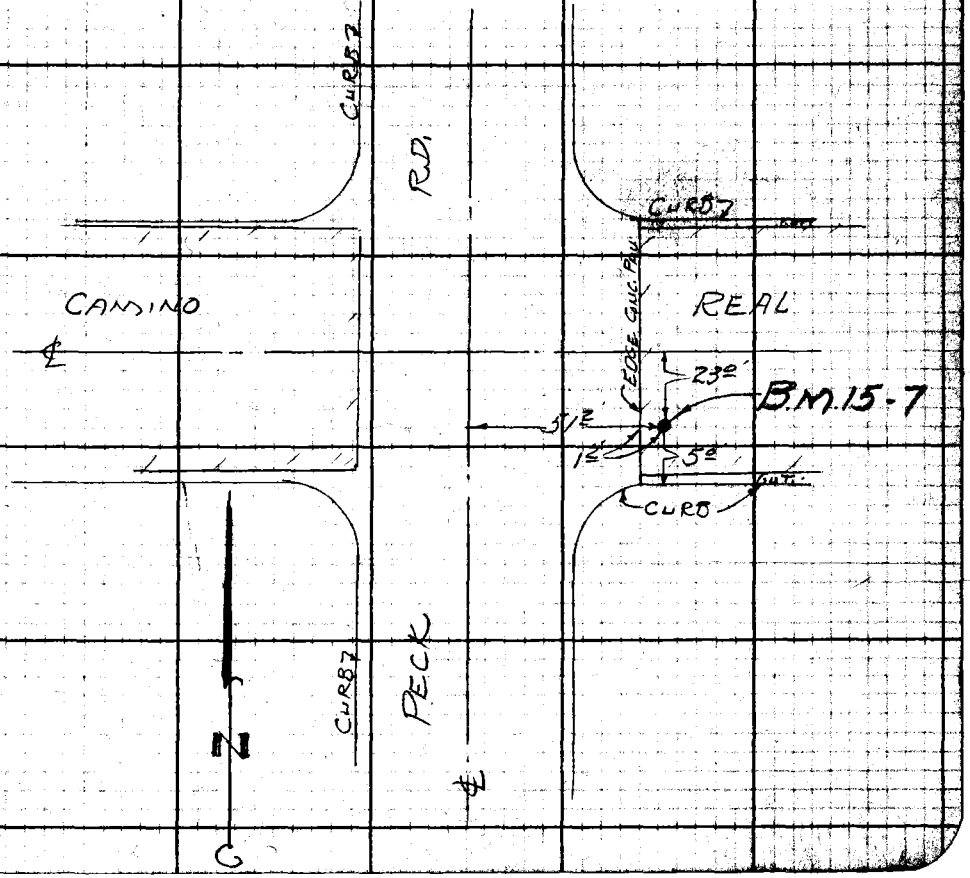
B.M. 15-7

Peck Rd and Camino Real, S.E. corner, a standard 2½" Button County Surveyor Monument stamped "BM 15-7 1952 R.E 63" set in concrete 9 inches below the surface 51.2 ft E of the ℄ of Peck Rd and 23.0 ft S. of the ℄ of Camino Real and protected by a cast iron cover marked "County Surveyor Monument.

L.A. Co. 1952 Adj. Elev. = 380.152."

~~[illegible]~~

~~[illegible]~~ Description O.K.



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

78/3006 247 2-51

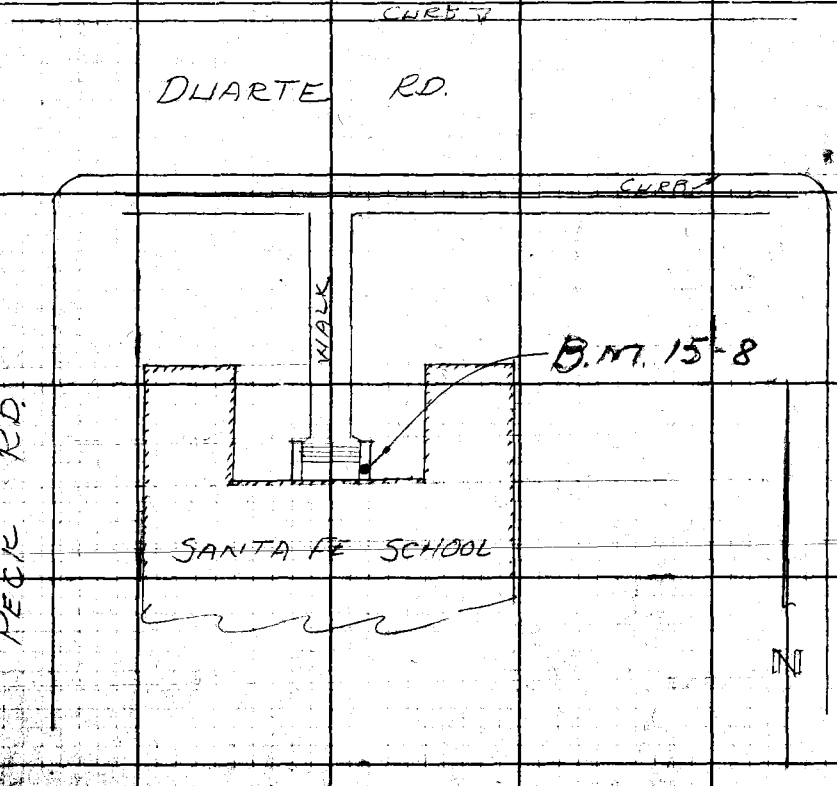
F. B. 1380 Pg. 14

B.M. 15-8 (U.S. 2619) (U.S.C.&G.S. H-96)

MONROVIA, DUARTE ROAD, ON TOP OF E. SIDE OF STEPS OF MAIN ENTRANCE TO GRAMMAR SCHOOL, SET IN STONE STEP; BRONZE TABLET (U.S.C. & G.S. H-96)

L.A.Co. 1952 Adj. Elev. = 430.183

NOT RECOVERED 7-8-71 G.E.DREIER - NEW SCHOOL BLDG.



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

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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 OVERCAST Inst. No. 50010
Notes by J. SHINODA Time 8:45-9:20 AM Rod No. 7 F 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 12-6 To BM 15-1
Date 5-23-52
Indexed A. C. Johnson 5-29-52

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
	7117		184		#7	5100		185		BM 12-6.
	6933		180			4915		184		SEE FB 1379-10
	6753		364			4731		369		FOR DESCRIPTION
1	10803	6.934		364	60°	14746	4.915		369	
	5820		180			5942		183		
	5640		180			5759		181		⊼ E. LANDA
	5460		360			5578		364		
2	16920	5.640		724		17279	5.760		733	
	6121		214			4298		213		
	5907		213			4085		213		
	5694		427			3872		426		
3	17722	5.907		1151		12255	4.085		1159	
	5060		210			4292		211		
	4850		213			4081		212		
	4637		423			3869		423		
4	14547	4.849		1574		12242	4.081		1582	
	6278		215			5285		215		
	6063		212			5020		212		
	5851		427			4808		427		
5	18192	6.064		2001		15063	5.021		2009	
		19394					13.862			

F.B. 1380 PG. 15

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 OVERCAST Inst. No. 50010
Notes by S. SHIMODA Time 8:45-9:40 AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 12-C To BM 15-1
Date 5-23-52
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
	6350	29.394 ✓	154	2.001 ✓		4760	25.762 ✓	150	2.009 ✓	
	6196		156			4610		149		
	6040		310 ✓			4401		299 ✓		
6	18586	6.195 ✓		2.311 ✓		13831	4.610 ✓		2.308 ✓	
		35.589 ✓					30.372 ✓			TO ME 35
										GARVEY AVE & PECK RD., SW
										COR., B SRK IN CB & ET
										S OF S END C.R.
	5312		212			5545		211		
	5100		213			5334		211		
	4887		425 ✓			5123		422 ✓		
7	15299	5.100 ✓		2.736 ✓		16002 ✓	5.334 ✓		2.730 ✓	
	5887		215			5375		215		
	5672		212			5160		212		
	5460		427 ✓			4908		427 ✓		
8	17019	5.673 ✓		3.163 ✓		15443 ✓	5.151 ✓		3.157 ✓	
	5660		212			4603		212		
	5448		215			4391		213		
	5233		427 ✓			4178		425 ✓		
9	16341 ✓	5.447 ✓		3.590 ✓		13172 ✓	4.391 ✓		3.582 ✓	
		51.809 ✓					43.458 ✓			

F.B. 1380 PG. 16

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 8:45-9:20AM Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 12-C To BM 15-1
Date 5-23-52
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
	6201	51.809	211	3.590		4850	43.358	215	3.582	
	5990		212			4635		215		
	5778		423			4420		430		
10	17969	5.990		4013		13905	4.635		4.012	
	5978		216			4858		216		
	5762		212			4645		212		
	5550		428			4430		428		
11	17290	5.763		4441		13930	4643		4440	
	6015		215			4398		216		
	5800		212			4182		212		
	5588		427			3970		428		
12	17403	5.801		4.868		12550	4.183		4868	
	5772		217			4655		211		
	5555		215			4444		209		
	5340		432			4235		420		
13	16667	5.556		5300		13334	4.445		5288	
	6219		191			4980		194		
	6028		188			4786		193		
	5840		379			4593		387		
14	18087	6.029		5.679		14359	4.786		5.675	
		80.948					66.050			

F.B. 3280 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 OVERCA Inst. No. 50010
Notes by S. SHINODA Time 8:45-9:45 M Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 12-C To BM 15-1
Date 5-25-52
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
	6407	80.948	206	5.679		5253	66.050	205	5.675	
	6201		203			5048		208		BM 15-1
	5998		409			4840		413		SEE F.B 1380-6
15	18606	6.202		6088		15141	5.047		6088	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 12-C TO B.M. 15-1
										TOTAL BACKSIGHTS +87.150
										- FORESIGHTS-71.097
										DIFF. IN ELEVATION+16.053
		87.150					71.097			

F.B. 1380 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 HAZY Inst. No. 50010
Notes by S SHINODA Time 9:45-10:45AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. A 923
From BM 15-1 To BM 12-C
Date 5-23-52
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
	5280		208		#7	6437		207		B.M. 15-1
	5072		207			6230		203		SEE F.B. 1390-C
	4865		415			6027		410		FOR DESCRIPTION
1	15217	5.072		.415	70°	18694	6.231		.410	
	5041		191			6279		191		T E LANDA
	4850		192			6088		190		
	4658		383			5898		381		
2	14549	4.850		.798		18265	6.088		.791	
	4557		215			5665		213		
	4342		212			5452		212		
	4130		427			5240		425		
3	13029	4.343		1.225		16357	5.452		1.216	
	4330		214			5949		214		
	4116		214			5735		214		
	3902		428			5521		428		
4	12348	4.116		1.653		17205	5.735		1.644	
	4975		215			6091		212		
	4760		212			5879		211		
	4548		427			5668		423		
5	14283	4.761		2.080		17638	5.879		2.067	
		23.142					29.385			

F.B. 1390 PG. 19

FORM 879 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather HAZY Inst. No. 50010
Notes by S. SHINODA Time 9:45-10:45-11 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15- To BM 12-6
Date 5-23-52
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
	4660	23.142	212	2.080		6017	27.385	214	2.067	
	4448		216			5803		211		
	4232		428			5592		425		
6	13340	4.447		1.508		17412	5.804		2.492	
	4594		212			5653		213		
	4382		213			5440		212		
	4169		425			5228		425		
7	13145	4.382		2.935		16321	5.440		2.917	
	5306		213			5825		215		
	5093		213			5610		213		
	4880		426			5397		428		
8	15279	5.093		3.359		16832	5.611		3.345	
	5768		216			5535		215		
	5552		213			5320		215		
	5339		429			5105		430		
9	16659	5.553		3.788		15960	5.320		3.775	
										TP M.E 35
										GARVEY AVE & PECK RD SW
										COR., B SPK IN CB 6 FT S OF
										S END OF C.R.
		42.617					51.560			

F.B. 328 PG. 20

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 HAZY Inst. No. 59010
Notes by S SHINODA Time 9:45-10:45 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-1 To BM 12-C
Date 5-23-57
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
	5077	42.617	147	3.788		6680	51.560	160	3.775	
	4930		144			6520		160		
	4786		291			6360		320		
10	14793	4.931		4.079		19560	6.520		4.095	
	5309		218			6343		211		
	5091		216			6132		209		
	4875		434			5923		420		
11	15276	5.092		4.513		18398	6.133		4.515	
	5000		214			5775		213		
	4786		214			5562		210		
	4572		428			5352		423		
12	14358	4.786		4.941		16689	5.563		4.938	
	4311		211			6130		212		
	4100		215			5918		215		
	3885		426			5703		427		
13	12296	4.099		5.367		17751	5.917		5.365	
	5986		184			5865		181		
	5802		181			5614		178		
	5621		365			5506		359		
14	17409	5.803		5.732		17055	5.685		5.724	
		17.328					21.378			

F.B. 1380 PG. 21

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 HAZY Inst. No. 50910
Notes by S. SHINODA Time 9:45-10:45 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-1 To BM 12-6
Date 5-23-52
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
	5109	67.328	186	5.732		7122	61.398	182	5.724	
	4923		182			6940		180		BM 12-6
	4741		368			6760		362		SEE F.B. 1379-10
15	14773	4924		6.100	74°	20822	6941		6.086	FOR DESCRIPTION
										SUMMATION OF RUN BM 15-1 TO BM 12-6
										TOTAL BACKSIGHTS + 72.252
										" FORESIGHTS - 88.319
										DIFF. IN ELEVATION - 16.067
		72252					88.319			

F.B. 1380 PG. 22

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 HAZY Inst. No. 50010
Notes by S SHINODA Time 11:40-1:55 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-1 To BM 15-2
Date 5-23-52
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
	6130		230		#7	4499		227		BM 15-1
	5900		230			4272		226		SEE F.B. 1380-6
	5670		460 ✓			4046		453 ✓		FOR DESCRIPTION
1.	17700 ✓	5.900 ✓		460 ✓	76°	12817 ✓	4.272 ✓		453 ✓	
	5592		215			4193		211		∧ G.E. DREIER
	5377		215			3982		212		
	5162 ✓		430 ✓			3770 ✓		423 ✓		
2	16131 ✓	5377 ✓		890 ✓		11945 ✓	3.982 ✓		876 ✓	
	8059		217			5726		213		ONE HOUR FOR LUNCH
	7842		214			5513		214		
	7628 ✓		431 ✓			5299 ✓		427 ✓		
3.	23529 ✓	7.843 ✓		1321 ✓	76°	16538 ✓	5.513 ✓		1303 ✓	
	4798		212			4663		213		
	4586		211			4450		212		
	4375 ✓		423 ✓			4238 ✓		425 ✓		
4	13759 ✓	4586 ✓		1744 ✓	78°	13351 ✓	4450 ✓		1728 ✓	
	5478		208			4920		217		
	6270		208			4703		215		
	5062 ✓		416 ✓			4488 ✓		432 ✓		
5.	15810 ✓	5270 ✓		2160 ✓		14111 ✓	4.704 ✓		2160 ✓	
		28.976 ✓					22.921 ✓			

F.B. 1380 PG. 23

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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 11:40-1:55 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-1 To BM 15-2
Date 5-23-52
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
	6177	28.976	214	2.160		5029	22.926	214	2160	
	5963		213			4815		212		
	5750		427			4603		426		
6	17890	5963		2587		14447	4.816		2586	
	5842		212			4741		212		
	5630		212			4529		213		
	5418		424			4316		425		
7	16890	5.630		3011		13586	4.529		3.011	
	6061		210			3867		216		
	5851		211			3651		212		
	5640		421			3439		428		
8	17552	5851		3452		10957	3.652		3439	
	7595		216			6649		210		
	7379		216			6439		210		
	7163		432			6229		420		
9	22137	7.379		3864		19317	6.439		3859	
	5877		166			4649		167		
	5711		163			4482		164		
	5548		329			4318		331		
10	17136	5.712		4195		13449	4.483		4190	
		59.511					46.840			

F.B. 1380 PG. 24

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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 11:40-1:55 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-1 To B.M. 15-2
Date 5-23-52
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
	5798	59.511	166	4193		5699	56840	165	4150	B.M. 15-2
	5632		166			5534		163		SEE F.B. 1382-1
	5466		332			5371		328		FOR DESCRIPTION
11	16896	5.632		4525	85°	16604	5.535		4518	
										SUMMATION OF RUN B.M. 15-1 TO B.M. 15-2
										TOTAL BACKSIGHTS +65.143
										- FORESIGHTS -52.375
										DIFF. IN ELEVATION +12.768
										F.B. 1381 PG. 25
		65.143					52.375			

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 A. C. Johnson

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. 1320 PG. 26										

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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 2:00 - 2:40 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4928
From BM 15-2 To BM 15-1
Date 5-23-52
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
	5678		165		#7	5779		168		B.M. 15-2
	5513		162			5611		168		SEE F.B. 1380-7
	5351		327 ✓			5443		336 ✓		FOR DESCRIPTION
1	16542 ✓	5.514 ✓		327 ✓	85°	16833 ✓	5.611 ✓		336 ✓	
	4641		167			5870		164		⊼ G.E. DREIER
	4474		165			5706		165		
	4309 ✓		332 ✓			5541 ✓		329 ✓		
2	13424 ✓	4475 ✓		.659 ✓		17117 ✓	5.706 ✓		.665 ✓	
	6552		211			7500		215		
	6341		211			7285		215		
	6130 ✓		422 ✓			7070 ✓		430 ✓		
3	19023 ✓	6.341 ✓		1.081 ✓		21855 ✓	7.285 ✓		1095 ✓	
	3711		213			5909		212		
	3498		215			5697		210		
	3283 ✓		428 ✓			5487 ✓		422 ✓		
4	10492 ✓	3497 ✓		1.509 ✓		17093 ✓	5.698 ✓		1.517 ✓	
	4718		214			5818		214		
	4504		213			5604		213		
	4291 ✓		427 ✓			5391 ✓		427 ✓		
5	13513 ✓	4504 ✓		1.936 ✓		16813 ✓	5.604 ✓		1.944 ✓	
		24331 ✓					29.904 ✓			

F.B. 1380 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 HAZY Inst. No. 50010
Notes by S. SHIMODA Time 2:00 - 2:40 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-2 To BM 15-1
Date 5-23-51
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
	5068	24.331	215	1936		6215	29.704	214	1.949	
	4853		215			6001		213		
	4638		430			5788		427		
6	14559	4.853		2366		18004	6.001		2371	
	4917		215			5482		211		
	4702		213			5271		209		
	4489		428			5062		420		
7	14108	4.703		2794		15815	5.272		2.791	
	4653		213			4792		215		
	4440		213			4579		211		
	4227		426			4368		424		
8	13320	4.440		3220		13739	4.580		3215	
	5732		213			8063		215		
	5519		213			7848		215		
	5306		426			7633		430		
9	16557	5.519		3646		23544	7.848		3645	
	4349		213			5742		213		
	4136		213			5529		212		
	3923		426			5317		425		
10	12408	4.136		4072		16588	5.529		4070	
		47.982					59.134			

F.B. 1320 PG. 28

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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 2:00-2:40 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-2 To BM 15-1
Date 5-23-52
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod end Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4298	47.982	229	4072		5922	59.134	231	4.079	
	4069		229			5691		231		BM 15-1
	3840		458			5460		462		SEE F.B. 1380-C
11	12207	4.069	4530	4530	71°	17073	5.691	4532	4532	FOR DESCRIPTION
										SUMMATION OF RUN BM 15-2 TO BM 15-1
										TOTAL BACKSIGHTS = 52.051
										" FORESIGHTS - 64.825
										DIFF. IN ELEVATION - 12.774
										F.B. 1380 PG. 29
		52.051					64.825			

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 K. C. Johnson

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. 1380 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 OVERCAST Inst. No. 50010
Notes by S. SHIKODA Time 8:20-8:50 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-2 To B.M. 15-3
Date 5-26-5
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
	7157		213		#7	4809		217		B.M. 15-2
	6944		212			4592		214		SEE F.B. 3807
	6732		425			4378		431		FOR DESCRIPTION
1	20835	6.944		425	60°	13779	4593		431	
	6074		219			4642		214		
	5855		216			4428		213		⊼ E LANDA
	5639		435			4215		427		
2	17568	5.856		860		13285	4428		858	
	6059		217			3932		212		
	5842		214			3720		212		
	5628		431			3508		424		
3	17529	5.843		1291		11160	3.720		1282	
	6191		214			4056		214		
	5977		215			3842		212		
	5762		429			3630		426		
4	17930	5.977		1720		11528	3.843		1708	
	6448		216			3985		215		
	6232		212			3770		217		
	6020		428			3553		432		
5	18700	6.233		2148		11308	3.769		2140	
		30.853					20.353			

F.B. 1380 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 OVERCAST Inst. No. 50010
Notes by J. SHINODA Time 8:20-8:50 A.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-2 To B.M. 15-3
Date 5-26-52
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
	6403	30.853	214	2.148		3966	30.753	216	2.140	
	6189		214			3750		215		
	5975		427			3535		431		
6	18567	6.189		2576		11251	3.750		2571	
	6565		216			4044		213		
	6349		214			3831		213		SUMMATION OF RUN
	6135		430			3618		426		B.M. 15-2 TO B.M. 15-3
7	19049	6.350		3006		11493	3.831		2997	
	5940		195			4824		192		
	5745		193			4632		192		TOTAL BACKSIGHTS +54.696
	5552		388			4440		384		" FORESIGHTS -37.896
8	17237	5.746		3394		13896	4.632		3381	DIFF IN ELEVATION +16.800
	5755		197			5521		191		
	5558		196			5330		192		B.M. 15-3
	5362		393			5138		383		SEE F.B. 1380-8
9	16675	5.558		3787	62°	15989	5.330		3764	FOR DESCRIPTION
		54.696					37.896			

F.B. 1380 PG. 32

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 8:50-9:20AM Rod No. 7 & B

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-3 To BM 15-2
Date 5-26-52
Indexed A. C. Tolman

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
	5564		192		#7	5797		197		B.M. 15-3
	5372		192			5600		198		SEE F.B. 1380-P
	5180		394			5402		395		FOR DESCRIPTION
1	16116	5.372		.384	62°	16799	5.600		.395	
	4710		197			5921		191		⊼ E. LANDA
	4613		193			5730		190		
	4420		390			5540		381		
2	13743	4.614		.774		17191	5.730		.776	
	4068		216			6585		215		
	3852		214			6370		215		
	3638		430			6155		430		
3	11558	3.853		1.204		19110	6.370		1.206	
	3974		217			6412		214		
	3757		216			6198		216		
	3541		433			5982		430		
4	11272	3.757		1.637		18592	6.197		1.636	
	3998		216			6458		216		
	3782		217			6242		214		
	3565		433			6028		430		
5	11345	3.782		2.070		18728	6.243		2.066	
		21.378					30.120			

F.B. 1380 PG. 33

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 8:50-9:20 A.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-3 To BM 15-2
Date 5-26-52
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
	4038	3.873	215	2.070		6173	5.940	213	2.066	
	3823		215			5760		213		
	3611		428			5747		426		
6	11471	3.824		2498		17680	5.920		2492	
	3925		215			6043		213		
	3710		212			5830		212		SUMMATION OF RON B.M. 15-3 TO B.M. 15-2
	3478		427			5615		425		
7	11153	3.711		2925		17491	5.828		2717	
	4655		215			6092		214		
	4440		215			5868		215		TOTAL BACKSIGHTS + 37.923
	4225		430			5653		429		FORESIGHTS - 54.718
8	13320	4.440		3355		17605	5.868		3346	DIFF IN ELEVATION - 16.795
	4783		213			7153		213		
	4570		213			6920		213		B.M. 15-2
	4357		426			6707		426		SEE F.B. 1380-7
9	13710	4.570		3781	62°	20760	6.920		3772	FOR DESCRIPTION
		37.923					54.718			

F.B. 1380 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:30 - 10:15 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-3 To BM 15-4
Date 5-26-5[illegible]
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
	6460		212		#7	4612		213		BM 15-3
	6248		212			4399		211		SEE F.B. 1320-8
	6036		424			4188		424		FOR DESCRIPTION
1	18744	6248		424	62°	13199	4400		424	
	6095		213			5033		215		↑ G.E. DREIER
	5882		212			4816		216		
	5670		425			4602		431		
2	17647	5882		849		14453	4818		855	
	5882		214			4762		212		
	5668		216			4550		212		
	5452		430			4338		424		
3	17002	5667		1279		13650	4550		1279	
	6710		217			5637		216		
	6493		214			5421		213		
	6279		431			5208		429		
4	19482	6494		1710		16266	5422		1708	
	6527		215			5938		217		
	6312		212			5621		216		
	6100		427			5405		433		
5	18939	6313		2137		16964	5621		2141	
		30604					24811			

F.B. 1320 PG. 35

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:30-10:15 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-3 To BM 15-4
Date 5-26-52
Indexed A. C. Johnson

F.B. 1380 PG. 36

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
	6572	30.604	213	2.137		6177	24.711	214	2.141	
	6359		213			5963		212		
	6146		420			5751		426		
6	19077	6.359		2.563		17891	5.764		2.567	
	6337		215			5819		217		
	6122		214			5602		214		
	5908		429			5388		431		
7	18367	6.122		2.992		16809	5.603		2.998	
	5756		214			5309		213		
	5542		213			5096		214		
	5329		427			4882		427		
8	16627	5.554		3.419		15287	5.096		3.425	
	6060		214			5155		212		
	5846		214			4943		212		
	5632		428			4731		424		
9	17538	5.846		3.847		14829	4.943		3.849	
	5341		186			4553		185		
	5155		186			4368		187		
	4969		372			4181		372		
10	15465	5.155		4.219		13102	4.367		4.221	
		59.628					50.784			

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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 9:30-10:15 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-3 To B.M. 15-4
Date 5-26-52
Indexed A. 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
	5371	59.628 ✓	190	4.219 ✓		4601	50.784 ✓	190	4.221 ✓	
	5182		191			4411		189		
	4991 ✓		381 ✓			4221 ✓		379 ✓		
11	15545 ✓	5.182 ✓		4600 ✓		13234 ✓	4411 ✓		4600 ✓	
	5323		191			5203		191		B.M. 15-4
	5132		189			5012		191		SEE F.B. 1380-7
	4943 ✓		380 ✓			4821 ✓		382 ✓		FOR DESCRIPTION
12	15399 ✓	5.133 ✓		4980 ✓	68°	15036 ✓	5.012 ✓		4982 ✓	
										SUMMATION OF RUN B.M. 15-3 TO B.M. 15-4
										TOTAL BACKSIGHTS = 67.943 ✓
										FORESIGHTS = 60.207 ✓
										DIFF IN ELEVATION = +7.736 ✓
		69.943 ✓					60.207 ✓			

F.B. 1380 PG. 37

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 A. C. Johnson

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. 1380 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 HAZY Inst. No. 5000
Notes by S. SHINODA Time 10:15 - 11:05AM Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-4 To B.M. 15-3
Date 5-26-50
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
	5831		190		#7	5951		189		B.M. 15-4
	5641		190			5762		190		SEE F.B. 1380-1
	5451		380			5572		379		FOR DESCRIPTION
1	16923	5.64		380	68°	17285	5.761		379	
	4598		190			5369		190		↑ G.E. DREIER
	4408		191			5179		190		
	4217		381			4989		380		
2	13223	4.408		.761		15537	5.179		.759	
	4575		186			5359		188		
	4389		187			5171		184		
	4201		373			4987		372		
3	13165	4.389		1.134		15517	5.172		1.131	
	5311		209			6226		215		
	5102		209			6011		216		
	4893		418			5795		431		
4	15306	5.102		1.552		18032	6.011		1.562	
	5280		216			5719		210		
	5064		214			5509		210		
	4850		430			5299		420		
5	15194	5.065		1.982		16527	5.509		1.982	
		24.605					27.633			

F.B. 1380 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 HAZY Inst. No. 500.10
Notes by S. SHINODA Time 10:15-11:05 A.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-4 To BM 15-3
Date 5-26-52
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
	5806	24.605	216	1.982		6327	27.533	215	1.982	
	5590		217			6112		214		
	5373		433			5898		429		
6	16769	5.590		2.415		18337	6.112		2.411	
	6148		213			6547		215		
	5935		214			6332		212		
	5721		427			6120		427		
7	17804	5.935		2.842		18999	6.333		2838	
	4802		211			5498		216		
	4591		209			5282		217		
	4382		420			5065		433		
8	13775	4592		3.262		15845	5.282		3.271	
	5939		215			7012		216		
	5724		214			6796		217		
	5510		429			6579		433		
9	17173	5.724		3.691		20387	6.796		3.704	
	5456		214			6570		213		
	5242		214			6357		216		
	5028		428			6141		429		
10	15726	5242	2	4.109		19068	6.356		4.138	
		51.688					58.712			

F.B. 380 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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 10:15-11:05AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-4 To B.M. 15-3
Date 5-26-52
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
	5007	51.688 ✓	219	4.109 ✓		6059	58.512 ✓	209	4.133 ✓	
	4788		216			5850		211		
	4572		435 ✓			5639		420 ✓		
11.	14367 ✓	4.789 ✓		4.544 ✓		17548 ✓	5.849 ✓		4553 ✓	
	4640		214			6491		212		B.M. 15-3
	4426		215			6279		211		SEE F.B. 1380-8
	4211		429 ✓			6067 ✓		424 ✓		FOR DESCRIPTION
12.	13277 ✓	4426 ✓		4973 ✓	72°	18837	6.279 ✓		4977 ✓	
										SUMMATION OF B.M. B.M. 15-4 TO B.M. 15-3
										TOTAL BACKSIGHTS = 60.903 ✓
										- FORESIGHTS = 70.640 ✓
										DIFF. IN ELEVATION = -9.737 ✓
		60.903 ✓					70.640 ✓			

F.B. 1380 PG. 41

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 A. C. Johnson

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. 1380 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 Weather HAZY Inst. No. 50010
Notes by G.E. DREIER Time 11:10 TO 12:00 Rod No. 768

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-4 To BM 15-5
Date 5-26-53
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
	7.080		212		#1	4803		213		BM 15-4
	6.868		210			4590		212		SEE F.B. 1380-9
	6.658		422			4378		425		FOR DESCRIPTION
1	20.606	6.869		422	74°	13.771	4.590		425	
	5.835		213			5363		214		⊼ E. LANDA
	5.622		210			5149		212		
	5.412		423			4.937		426		
2	16.869	5.623		.845		15.449	5.150		.851	
	6220		213			4989		211		
	6.007		212			4.778		213		
	5.795		425			4565		424		
3	18.022	6.007		1.270		14.332	4.777		1.275	
	6286		214			4.995		213		
	6.072		212			4782		212		
	5860		426			4570		425		
4	18.218	6.073		1.696		14.347	4.782		1.700	
	6175		213			4710		212		
	5.962		209			4.498		216		
	5753		422			4.282		428		
5	17.890	5.963		2.118		13.490	4.497		2.128	
		30.535					23.796			

F.B. 1380 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 HAZY Inst. No. S10,010
Notes by G.E.D. Time 11:10 TO 12:05 Rod No. 7&8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-4 To B.M. 15-5
Date 5-26-52
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
	6.277	30.535	177	2,118		5.067	28.796	165	2,128	
	6.100		177			4.902		162		
	5.923		354			4.740		327		
6	18.300	6.100		2.472		14.709	4.903		2.455	
		36.635					28.699			B.M. 15-4A SEE F.B. 1380-10 FOR DESCRIPTION REF: L.B. 763-16, F.B. 1423-12
	5.277		120			4.772		123		
	5.157		119			4.649		126		
	5.038		239			4.523		249		
7	15.472	5.157		2.711		13.944	4.648		2.704	
		41.792					33.347			B.M. 15-4B SEE F.B. 1380-10 FOR DESCRIPTION
	5.322		.061			4.651		.061		
	5.261		.060			4.590		.062		
	5.201		121			4.528		123		
8	15.784	5.261		2.832	.80	13.769	4.590		2.827	STOPPED 12:00 TO 1:00
		47.053					37.937			

F.B. 1380 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 LIGHT HAZE Inst. No. 500010
Notes by G.E. DREIER Time 1:00 T.O. Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-4 To BM 15-5
Date 5-26-52
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
		4.705		2.832			3.937		2.827	
	5.155		210			4.772		218		B.M. 15-4C
	4.945		207			4.754		216		SEE F.B. 1380-10
	4.738		417			4.538		434		FOR DESCRIPTION
Y 9	14.838	4.946		3.249	82°	14.264	4.755		3.261	
	5.675		213			4.705		215		
	5.462		212			4.490		212		
	5.250		425			4.278		427		
10	16.387	5.462		3.674		13.473	4.491		3.688	
	6.245		215			4.853		215		
	6.030		215			4.638		214		
	5.815		430			4.424		429		
11	18.090	6.030		4.104		13.915	4.638		4.117	
	6.600		215			5.098		216		
	6.385		215			4.882		213		
	6.170		430			4.665		429		
12	19.155	6.385		4.534		14.649	4.883		4.546	
		69.876					56.704			

F.B. 1380 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 HAZY Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-4 To B.M. 15-5
Date 5-26-52
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
	6.442	6.976 ✓	218	4.534 ✓		4.815	5.704 ✓	215	4.546 ✓	
	6.224		216			4.600		212		SUMMATION OF RUN
	6.008 ✓		434 ✓			4.388 ✓		427 ✓		B.M. 15-4 TO B.M. 15-5
13	18.674	6.225 ✓		4.968 ✓		13.803 ✓	4.601 ✓		4.973 ✓	
	1.174		149			9.432		151		TOTAL BACKSIGHTS + 87.431 ✓
	1.025		145			9.281		151 ✓		TOTAL FORESIGHTS - 79.647 ✓
	0.880 ✓		294 ✓			9.130 ✓		302 ✓		DIFF IN ELEVATION + 7.784 ✓
14	3.079 ✓	1.026 ✓		5.262 ✓		27.843 ✓	9.281 ✓		5.275 ✓	
	5.452		219			4.568		214		
	5.233		215			4.354		211		
	5.018 ✓		434 ✓			4.143 ✓		425 ✓		
15	15.703 ✓	5.234 ✓		5.696 ✓		13.065 ✓	4.355 ✓		5.700 ✓	
	5.237		167			4.872		167		
	5.070		166			4.705		165 ✓		B.M. 15-5
	4.904 ✓		333 ✓			4.540 ✓		332 ✓		SEE F.B. 1380-11
F.B. 1380 PG. 46 16	15.211 ✓	5.070 ✓		6.029 ✓	85°	14.117 ✓	4.706 ✓		6.032 ✓	FOR DESCRIPTION
		87.431 ✓					79.647 ✓			

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 G.E. DREIER Time 2:00 TO Rod No. T&B

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-D To BM 15-4
Date 5-26-5-
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
	4867		167			5230		167		B.M. 15-5
	4700		167			5063		165		SEE F.B. 1380-11
	4533		334			4898		332		FOR DESCRIPTION
1	14100	4700		334	85°	15190	5064		332	
	4595		216			5478		216		T. E. LANDA
	4379		217			5262		212		
	4162		433			5050		428		
2	13136	4379		767		15790	5263		760	
	9298		150			1039		149		
	9148		150			0890		147		
	8998		300			0743		296		
3	27444	9148		1067		2672	0891		1056	
	4792		214			6415		215		
	4578		215			6200		211		
	4363		429			5989		426		
4	13733	4578		1496		18604	6201		1482	
	5129		218			6630		215		
	4911		215			6415		215		
	4696		433			6200		430		
5	14736	4912		1929		19245	6415		1912	
		27717					23834			

F.B. 1380 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. 60010
Notes by G.E. DREIER Time 2:00 70 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-5 To B.M. 15-4
Date 5-26-52
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
	4.838	27.717	218	1929		6.228	23.834	215	1.912	
	4.620		215			6.013		213		
	4.405		433			5.800		428		
6	13.863	4.621		2,362		18.041	6.014		2,340	
	5.184		214			6.158		216		
	4.970		212			5.902		215		
	4.758		426			5.727		431		
7	14.912	4.971		2,788		17.827	5.942		2,771	
	4.968		217			5.149		209		
	4.751		215			4.940		210		
	4.536		432			4.730		419		
8	14.255	4.752		3220		14.819	4.940		3,190	
		42.061					40.730			B.M. 15-4C SEE F.B. 1380-10 FOR DESCRIPTION
	4.631		061			5.303		060		
	4.570		060			5.243		061		
	4.510		121			5.182		121		
9	13.711	4.570		3.341		15.728	5.243		3.311	
		46.631					45.973			

F.B. 1380 PG. 48

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. 50010
Notes by G.E. DREIER Time 2:00 TO 3:10 Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-5 To BM 15-4
Date 5-26-52
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
		46.631 ✓		3.341 ✓			45.973 ✓		3.311 ✓	B.M. 15-4B. SEE F.B. 1380-10 FOR DESCRIPTION
	4.861		122			5.370		123		
	4.739		121			5.247		122		
	4.618 ✓		243 ✓			5.125 ✓		245 ✓		
10	14.218	4.739 ✓		3.584 ✓		15.742	5.247 ✓		3.556 ✓	
		51.370 ✓					51.220 ✓			B.M. 15-4A SEE F.B. 1380-10 FOR DESCRIPTION REF. L.B. 763-6, F.B. 1423-12
	4.773		159			5.994		183		
	4.614		156			5.811		181		
	4.458 ✓		315 ✓			5.630 ✓		364 ✓		
11	13.845 ✓	4.615 ✓		3.899 ✓		17.435 ✓	5.812 ✓		3.920 ✓	
	4.898		218			6.360		212		
	4.680		215			6.148		208		
	4.465 ✓		433 ✓			5.900 ✓		420 ✓		
12	14.043 ✓	4.681 ✓		4.332 ✓		18.448 ✓	6.149 ✓		4.340 ✓	
		60.666 ✓					63.181 ✓			

F.B. 1380 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 HAZY Inst. No. 50010
Notes by G.E. DREIER Time 2:00 TO 3.10 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-5 To B.M. 15-4
Date 5-26-52
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
	4.960	60.666 ✓	212	4.332 ✓		6.248	63.181 ✓	212	4.340 ✓	
	4.748		213			6.036		211		
	4.555		425 ✓			5.825		423 ✓		
13	14.243 ✓	4.748 ✓		4.757 ✓		18.109 ✓	6.036 ✓		4.763 ✓	
	4.987		213			6.215		213		SUMMATION OF RUN
	4.774		212			6.002		212		B.M. 15-5 TO B.M. 15-4
	4.562 ✓		425 ✓			5.790 ✓		425 ✓		
14	14.323 ✓	4.774 ✓		5.182 ✓		18.007 ✓	6.002 ✓		5.188 ✓	TOTAL BACKSIGHTS + 79.409 ✓
	4.903		213			5.378		213		TOTAL FORESIGHTS - 87.192 ✓
	4.690		214			5.165		213		DIFF. IN ELEVATION - 7.783 ✓
	4.476 ✓		427 ✓			4.952 ✓		426 ✓		
15	14.069 ✓	4.690 ✓		5.609 ✓		15.495 ✓	5.165 ✓		5.614 ✓	
	4.745		215			7.018		210		
	4.530		212			6.808		210		B.M. 15-4
	4.318 ✓		427 ✓			6.598 ✓		420 ✓		SEE F.B. 1376-9
16	13.593 ✓	4.531 ✓		6.036 ✓		20.424 ✓	6.808 ✓		6.034 ✓	FOR DESCRIPTION
F.B. 1380 PG. 50										
		79.409 ✓					87.192 ✓			

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 OVERCAST Inst. No. 50010
Notes by J. SHINODA Time 8:30-9:15 AM Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-5 To BM 15-6
Date 5-27-52
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
	7345		212		#7	3232		215		BM 15-5
	7131		213			3017		215		See F.B. 1330-11
	6718		425			2802		430		FOR DESCRIPTION
1	21392	7.131		425	67°	9051	3017		430	
	5458		213			6652		214		↑ G.E. DREIER
	5245		213			6438		215		
	5032		426			6223		429		
2	15735	5.245		851		17313	6438		859	
	5167		214			6673		215		
	4953		212			6458		215		
	4741		426			6243		430		
3	14861	4.954		1277		19374	6458		1289	
	6492		212			3131		215		
	6280		210			2916		214		
	6070		422			2702		429		
4	18842	6.281		1699		8749	2916		1718	
	5806		212			7225		213		
	5594		212			7012		212		
	5382		424			6800		425		
5	16782	5594		2123		21037	7012		2143	
		29.205					25.841			

F.B. 1330 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 8:30-9:15 A.M. Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 41923
From B.M. 15-5 To B.M. 15-6
Date 5-27-52
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
	4962	9.205	215	2123		3224	5.191	206	2143	
	4747		216			3018		206		
	4531		431			2812		412		
6	14240	4.747		2554		9054	3.018		2555	
	7969		212			4209		210		
	7757		212			4199		211		
	7545		424			3988		421		
7	23271	1.757		2978		12596	4.199		1976	
	6307		215			4957		212		
	6152		213			4745		213		
	5939		428			4532		425		
8	18458	6.153		3406		14234	4.745		3401	
	6417		212			5069		212		
	6205		211			4857		211		
	5994		423			4646		425		
9	18616	6.207		3829		14572	4.857		3824	
	5954		212			4380		212		
	5742		212			4168		212		
	5530		424			3956		424		
10.	17226	5.742		4253		12504	4.168		4249	
		59.811					46.128			

F.B. 1380 PG. 52

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 8:30-9:15 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-5 To BM 15-6
Date 5-27-52
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
	7497	59.81 ✓	211	4253 ✓		4930	46.828 ✓	211	4248 ✓	
	7286		210			4719		210		SUMMATION OF RUN
	7076		42 ✓			4509		421 ✓		BM 15-5 TO BM 15-6
11	21859 ✓	7.286 ✓		4674 ✓		14158 ✓	4719 ✓		4469 ✓	
	6782		212			4329		215		TOTAL BACKSIGHTS +81.375 ✓
	6570		211			4116		212		FORESIGHTS -58.455 ✓
	6359		423 ✓			3904		427 ✓		DIFF. IN ELEVATION +22.920 ✓
12	19711 ✓	6.570 ✓		5097 ✓		12349 ✓	4.116 ✓	4/5	5095 ✓	
	8000		293			3082		291		
	7707		290 ✓			2791		289 ✓		BM 15-6
	7417		583 ✓			2502		580 ✓		SEE F.B. 1378
13	23124 ✓	7.708 ✓		5680 ✓	65°	8375 ✓	2.792 ✓		5675 ✓	FOR DESCRIPTION ✓
		81375 ✓					58.455 ✓			

F.B. 1378 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..... Weather..... Inst. No.....
Notes by..... Time..... Rod No.....

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

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. 1380 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 Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:15 - 10:20 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-L To BM 15-5
Date 5-27-52
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3062		290		#7	7972		291		BM 15-C
	2772		290			7681		291		SEE F.B. 1380-12
	2482		580			7390		582		FOR DESCRIPTION
1	8316	2772		580	65°	23043	7.681		582	
	4450		213			6887		214		* G.E. DREIER
	4217		213			6673		213		
	4004		426			6460		427		
2	12651	4217		1006		20020	6.673		1009	
	5035		212			7598		211		
	4823		211			7387		211		
	4612		423			7176		422		
3	14470	4823		1429		22161	7.387		1431	
	4661		212			6238		213		
	4449		213			6025		212		
	4236		425			5813		425		
4	13346	4449		1854		18076	6.025		1850	
	5852		211			7200		209		
	5641		211			6991		211		
	5430		422			6780		420		
5	16923	5641		2276		20971	6.990		2270	
		21902					34.756			

F.B. 1380 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 7:15-10:20 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4723
From BM 15-6 To BM 15-5
Date 5-27-52
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
	5157	21.902	214	2.276		6548	34.156	216	2.276	
	4923		212			6332		212		
	4711		420			6120		428		
6	14791	4924		2702		19000	6.333		2704	
	4809		213			8361		212		
	4596		213			8149		212		
	4383		426			7937		424		
7	13788	4596		3128		24447	8.149		3128	
	2408		210			4150		211		
	2206		211			3939		211		
	1997		421			3728		422		
8	6611	2205		5549		11817	3.939		3550	
	7599		212			6179		212		
	7387		214			5966		213		
	7173		426			5753		425		
9	22159	7386		5975		17897	5.966		3975	
	3478		217			6840		209		
	3261		214			6631		211		
	3047		431			6420		420		
10	9786	3262		4406		19891	6.631		4395	
		44278					65.931			

F.B. 1380 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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 9:15-10:20AM Rod No. 768

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-C To B.M. 15-5
Date 5-27-52
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
	6785	44.278	215	4406		5279	65.775	216	4393	SUMMATION OF RUN
	6570		218			5063		212		B.M. 15-C TO B.M. 15-5
	6351		133			4851		418		
11	19707	6.569		4839		15193	5.064		4821	
	6573		209			5395		216		TOTAL BACKSIGHTS +60.078
	6364		207			5177		215		" FORESIGHTS -82.993
	6155		412			4962		431		DIFF. IN ELEVATION -22.915
12	18972	6.324		5257		15532	5.177		5252	
	8083		217			7192		213		
	7966		215			6977		212		B.M. 15-5
	2651		432			6767		425		SEE F.B. 1320-11
13	18600	2.867		5689	Cy=	20938	6.979		5677	FOR DESCRIPTION
		60.078					82.993			

F.B. 1320 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 ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

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

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. 1380 PG. 57 & 58

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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 10:40-TO 11:50 Rod No. 768

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 15-6 To BM 15-7
Date 5-27-57
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
	5487		214		#7	4629		217		BM 15-6
	5273		211			4412		215		SEE F.B. 1380 12
	5022		425			4197		432		FOR DESCRIPTION
1	15722	5.274		425	69°	13238	4413		432	
	6632		210			4918		214		⊼ G.E. DREIER
	6422		211			4704		214		
	6211		421			4490		428		
2	19265	6422		846		14112	4704		860	
	6310		218			4561		208		
	6092		214			4353		208		
	5878		432			4145		416		
3	18280	6.093		1278		13059	4353		1276	
	6061		212			4380		212		
	5849		211			4168		213		
	5638		423			3955		425		
4	17548	5.849		1701		12503	4168		1701	
	5931		219			4194		212		
	5718		212			3982		212		
	5506		425			3770		424		
5	17156	5.718		2126		11946	3.982		2125	
		29.356					21.620			

F.B. 1380 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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 10:40 TO 11:50 Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 15-6 To BM 15-7
Date 5-27-52
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
	5844	29.356	212	2.126		3988	21.820	212	2.125	
	5632		211			3776		213		
	5421		423			3563		425		
6	16897	5632		2549		11327	3776		2550	
	5811		212			3496		211		
	5599		214			3285		211		
	5385		426			3074		422		
7	16795	5598		2976		9855	3285		2972	
	5462		210			3364		211		
	5252		211			3153		210		
	5041		421			2943		421		
8	15755	5252		3396		9460	3153		3393	
	5708		210			3109		214		
	5498		210			2895		213		
	5288		420			2682		427		
9	16494	5498		3816		8686	2895		3820	
	6828		210			6022		211		
	6618		208			5811		211		
	6410		418			5600		422		
10	19856	6619		4234		17433	5811		4242	
		57955					40540			

F.B. 380 PG. 60

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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 10.40-11.50 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-6 To B.M. 15-7
Date 5-27-5
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
	7982	57.955	211	4234		4225	40.540	212	4242	
	7771		212			4013		208		
	7559		423			3805		420		
11.	23312	7.771		4657		12043	4.014		4662	
	7103		211			4782		211		
	6892		211			4571		210		
	6681		422			4361		421		
12	20676	6.892		5079		13714	4.571		5083	
	6974		213			4676		213		
	6761		212			4463		213		SUMMATION OF RUN
	6547		425			4250		426		B.M. 15-6 TO B.M. 15-7
13	30284	6.761		5504		13389	4.463		5509	
	4779		136			3291		133		
	4643		135			3158		134		TOTAL BACKSIGHTS + 88.761
	4508		271			3024		267		- FORESIGHTS - 61.405
14	13930	4.643		5775		9473	3.158		5776	DIFF. IN ELEVATION +27.356
	4885		140			4799		140		
	4739		140			4659		140		B.M. 15-7
	4593		292			4519		280		SEE F.B. 1380-13
15.	14217	4.739		6067	76°	13977	4.659		6056	FOR DESCRIPTION
		88.761					61.405			

F.B. 1380 PG. 61

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 A. C. Johnson

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. 1380 PG. 62

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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 1:20-2:25 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-7 To BM 15-C
Date 5-27-52
Indexed A. C. Fob

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
	6137		144		#7	6211		145		
	5988		146			6066		147		BM 15-7
	5842		290			5919		292		SEE F.B. 1380-PG 63
1	17962	5.987		290	80°	18196	6.065		292	FOR DESCRIPTION
	3295		134			4784		135		
	3161		134			4649		135		* G.E. DREIER
	3027		268			4514		270		
2	9483	3.161		558		13947	4.649		562	
	4227		214			6525		213		
	4013		212			6312		212		
	3801		426			6100		425		
3	12041	4.014		984		18937	6.312		987	
	4281		211			6607		211		
	4071		210			6396		213		
	3861		421			6183		424		
4	12214	4.071		1405		19186	6.395		1411	
	4191		210			7946		213		
	3981		209			7733		212		
	3772		419			7521		425		
5	11944	3.981		1824		23200	7.733		1836	
		21.214					31.154			

F.B. 1380 PG. 63

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 HAZY Inst. No. 50910
Notes by S. SHINODA Time 1:20-2:25 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-7 To BM 15-6
Date 5-27-52
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
	5897	1.214	212	1.824		6705	1.154	209	1.836	
	5685		212			6496		209		
	5473		424			6287		418		
6	17055	5685		2.248		19489	6496		2.254	
	3126		215			5725		213		
	2911		212			5512		212		
	2699		427			5300		425		
7	8736	2.912		2.675		16537	5512		2.679	
	3252		209			5358		210		
	3043		210			5148		209		
	2833		419			4939		419		
8	9128	3.043		3.094		15445	5148		3.098	
	3065		211			5378		213		
	2854		211			5165		212		
	2643		422			4953		425		
9	8562	2.854		3.516		15496	5165		3.523	
	3155		213			5013		210		
	2942		212			4803		212		
	2730		425			4591		422		
10	8827	2.942		3.941		14407	4.802		3.945	
		38.650					58.177			

F.B. 380 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 HAZY Inst. No. 50010
Notes by S. SHINODA Time 1:20-2:25 PM Rod No. 7&8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-7 To BM 15-6
Date 5-27-52
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
	4117	38.650	215	3.941		5850	58.277	212	3.945	
	3902		213			5638		212		
	3689		428			5426		424		
11	11708	3.903		4369		16914	5.638		4369	
	4050		211			5734		213		
	3839		211			5521		212		
	3628		422			5309		425		
12	11517	3.839		4791		16564	5.521		4794	
	4595		213			6335		213		
	4382		213			6122		212		
	4169		426			5910		425		SUMMATION OF Σ N BM 15-7 TO BM 15-6
13	13146	4382		6217		18367	6.122		6219	
	4778		214			6497		213		TOTAL BACKSIGHTS Σ 59.780
	4564		213			6284		211		− FORESIGHTS − 57.145
	4351		427			6073		424		DIFF. IN ELEVATION +2.635
14	13693	4564		5644		18854	6.285		5643	
	4658		216			5514		212		
	4442		215			5302		211		
	4227		431			5091		423		BM 15-6
15	13327	4444		6075	77°	15907	5.302		6066	SEE F.B. 1380 P. 12 FOR DESCRIPTION
		59.780					57.145			

F.B. 1380 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 ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

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

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. 1380 PG. 66

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 HAZY Inst. No. 50010
Notes by G.E. DREIER Time 3:00 TO 3:50 Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 492
From BM 15-7 To BM 15-8
Date 5-27-52
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
	6280		208		#7	2.882		212		BM 15-7
	6072		205			2.670		210		SEE F.B. 1340-13
	5867		413			2.460		422		FOR DESCRIPTION
1	18,219	6,073		413	80°	8,012	2.671		422	
	5.281		211			4.224		214		T E LANDA
	5.070		210			4.010		210		
	4.860		421			3.800		424		
2	15.211	5.070		834		12.034	4.011		846	
	7987		215			3.450		212		
	7.772		212			3.238		215		
	7.560		427			3.023		427		
3	23,319	7.773		1,261		9,711	3.237		1,273	
	6.630		211			3435		213		
	6.419		209			3222		212		
	6.210		420			3010		425		
4	19.259	6.420		1,681		9667	3.222		1,698	
	6.680		217			3.350		209		
	6.463		213			3.141		209		
	6.250		430			2.932		418		
5	19393	6.464		2111		9.423	3.141		2116	
		31.800					16.282			

F.B. 1340 PG. 67

8

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 HAZY Inst. No. 50010
Notes by G.E. DREIER Time 3:00 TO 3:50 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-7 To B.M. 15-8
Date 5-27-52
Indexed A. C. Johnson

F.B. 1310 PG. 68

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
	6505	31.800 ✓	213	2.111 ✓		4133	16.272 ✓	213	2.116 ✓	
	6292		212			3920		210		
	6080		425 ✓			3710		423 ✓		
6	18877 ✓	6.292 ✓		2.536 ✓		11763 ✓	3.921 ✓		2.539 ✓	
	6989		213			3641		214		
	6776		212			3427		212		
	6564		425 ✓			3215		426 ✓		
7	20329 ✓	6.776 ✓		2961 ✓		10283 ✓	3.428 ✓		2.965 ✓	
	6490		213			3671		213		
	6277		209			3458		215		
	6068		422 ✓			3243		428 ✓		
8	18835 ✓	6.278 ✓		3.383 ✓		10372 ✓	3.457 ✓		3.393 ✓	
	6407		213			3670		216		
	6194		211			3454		214		
	5983		424 ✓			3240		430 ✓		STOPPED 3:50 P.M. 5-27-52
9	18584 ✓	6.195 ✓		3.807 ✓	82°	10364 ✓	3.455 ✓		3.823 ✓	
	6978		210			2555		215		
	6768		213			2340		212		
	6555		423 ✓			2128		427 ✓		
10	20301 ✓	6.767 ✓		4.330 ✓	65°	7023 ✓	2.341 ✓		4.250 ✓	BEGAN 8:20 AM 5-28-52
		64.108 ✓					32.8 4			

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. 50010
Notes by S SHINODA Time 8:20-8:40 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-7 To BM 15-8
Date 5-28-54
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
	7505	64.108	213	4.230		2178	32.874	216	4.250	
	7292		212			2662		212		
	7080		425			2450		428		
11	21877	7.292		4655		7990	2663		4678	
	7360		175			2390		178		
	7185		173			2212		174		SUMMATION OF RUN
	7012		348			2038		352		B.M. 15-7 TO B.M. 15-8
12	21557	7.186		5003		6640	2213		5030	
	7902		214			2975		207		
	7688		215			2768		207		TOTAL BACKSIGHTS = 92.385
	7473		429			2561		414		- FORESIGHTS = 42.338
13	23063	7.688		5432		8304	2.768		5444	DIFF. IN ELEVATION = 50.047
	6334		223			2038		218		
	6111		223			1820		218		B.M. 15-8 (L.S. 2619)
	5888		446			1602		436		SEE F.B. 1880-H
14	18333	6.111		5878	65°	5460	1.820		5880	FOR DESCRIPTION
		92.385					42.338			

F.B. 1880 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 ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

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

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. 1380 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 Inst. No. 50010
Notes by S SHINODA Time 8:40 - 9:50 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4523
From BM 15-7 To BM 15-7
Date 5-27-52
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
	2019		221		#7	6307		222		BM 15-8 (U.S. 2619)
	1798		220			6085		220		SEE F.B. 1380-14
	1578		441 ✓			5765		442 ✓		FOR DESCRIPTION
1	5395 ✓	1.798 ✓		441 ✓	65°	18257 ✓	6.086 ✓		442 ✓	
	2701		213			7618		210		↑ E LANDA
	2488		210			7408		208 ✓		
	2278		423 ✓			7200 ✓		418 ✓		
2	7467 ✓	2.489 ✓		864 ✓		22226 ✓	7.409 ✓		868 ✓	
	2403		173			7375		175		
	2230		172			7200		172 ✓		
	1058 ✓		345 ✓			7028 ✓		347 ✓		
3	6691 ✓	2.230 ✓		1209 ✓		21603 ✓	7.201 ✓		1207 ✓	
	2865		213			7494		214		
	2652		212			7280		211 ✓		
	2440 ✓		425 ✓			7069 ✓		425 ✓		
4	7957 ✓	2.652 ✓		1634 ✓		21843 ✓	7.281 ✓		1632 ✓	
	2527		215			6958		214		
	2312		211			6744		211		
	2101 ✓		426 ✓			6533 ✓		425 ✓		
5	6940 ✓	2.313 ✓		2060 ✓		20235 ✓	6.745 ✓		2057 ✓	
		11.482 ✓					34.722 ✓			

F.B. 1380 PG. 77

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. 50010
Notes by S. SHINODA Time 8:20 - 9:50 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-8 To BM 15-7
Date 5-27-52
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
	3543	11.482	218	2.060		6280	21.122	211	2.057	
	3325		215			6069		212		
	3110		433			5857		423		
6	9978	3.326		2493		18206	6.069		2480	
	3611		213			6432		212		
	3398		211			6220		212		
	3187		424			6008		424		
7	10196	3.399		2917		18660	6.220		2904	
	3608		216			6953		213		
	3392		212			6740		209		
	3180		428			6531		422		
8	10180	3.393		3345		20224	6.741		3326	
	4110		209			6490		217		
	3901		209			6273		215		
	3692		418			6058		432		
9	11703	3.901		3763		18821	6.274		3758	
	3329		211			6650		213		
	3112		211			6437		214		
	2901		422			6223		427		
10	9330	3.112		4185		19310	6.437		4185	
		18.613					66.163			

F.B. 1280 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 Inst. No. 50010
Notes by S. SHINODA Time 8:40-9:50AM Rod No. 768

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-8 To B.M. 15-7
Date 5-27-5
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
	3405	28.613	212	4.185		6600	6.463	211	4.185	
	3193		211			6389		209		
	2982		423			6180		420		
11	9580	3.193		4.608		19169	6.390		4.605	
	3450		215			7987		215		SUMMATION OF RUN
	3235		212			7772		212		B.M. 15-8 TO B.M. 15-7
	3023		427			7560		427		
12	9708	3.236		5.035		23319	7.773		5.032	
	4230		212			5285		210		
	4018		213			5075		212		TOTAL BACKSIGHTS +41.759
	3805		425			4863		422		- FORESIGHTS - 91.801
13	12053	4.018		5.460		15223	5.074		5.454	DIFF. IN ELEVATION - 50.042
	1910		211			6309		209		
	2699		211			6100		205		B.M. 15-7
	2488		422			5895		414		SEE F.B. 1880-13
14	8097	2.699		5.882	72°	18304	6.101		5.868	FOR DESCRIPTION
		41.759					91.801			

F.B. 1880 PG. 73

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 A. C. Johnson

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. 3R 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 G E DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:00- 11:05 AM Rod No. 758

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 15-8 To BM 11-10
Date 5-28-52
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
	3223		195		#7	4937		198		BM 15-8 (U. 2619)
	3028		193			4739		195		SEE F.B. 1389-14
	2835		388			4540		397		FOR DESCRIPTION
1	9486	3.029		.388	74°	14216	4.739		.397	
	5786		213			3998		216		T. E. LANDA
	5573		215			3782		218		
	5358		428			3564		434		
2	16717	5.572		.816		11344	3.781		.834	
	10150		207			4663		214		
	9943		208			4449		212		
	9735		415			4237		426		
3	29828	9.943		1.231		7349	2.450		1.257	
	7573		213			2028		208		
	7360		215			1820		205		
	7147		428			1615		413		
4	22080	7.360		1.657		5463	1.821		1.670	
	7880		212			2565		211		
	7668		214			2354		210		
	7454		426			2144		421		
5	23002	7.667		2.080		7063	2.354		2.091	
		33.571					15.145			

F.B. 1389 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 Inst. No. 50010
Notes by S SHINODA Time 10:00 - 11:05 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 15-8 To BM 11-10
Date 5-28-52
Indexed A. C. Johnson

F.B. 380 PG. 76

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
	9479	33.571	212	3.083		2920	18.46	211	2.091	
	9267		214			2709		210		
	9053		426			2499		424		
6	27799	9.266		2.509		8128	2.709		2.512	
	9241		214			2815		213		
	9027		212			2632		212		
	8815		426			2420		425		
7	27083	9.028		2.935		7867	2.622		2.937	
	8502		212			1358		211		
	8290		211			1147		215		
	8079		423			0932		426		
8	24871	8.290		3.358		3437	1.146		3.363	
	8138		212			1518		211		
	7926		214			1307		212		
	7712		426			1095		423		
9	23776	7.925		3.784		3920	1.307		3.786	
	8112		212			1690		213		
	7900		212			1477		214		
	7688		424			1263		427		
10	23700	7.900		4.208		4430	1.477		4.213	
		75.980					24.416			

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. SHINODA Time 10:00-11:05 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 15-8 To B.M. 11-10
Date 5-28-52
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
	7975	75.980 ✓	213	4208 ✓		1880	24.416 ✓	213	4213 ✓	
	7762		212			1667		213		SUMMATION OF RUN
	7550		425 ✓			1454		426 ✓		B.M. 15-8 TO B.M. 11-10
11	23287 ✓	7.762 ✓		4633 ✓		5001 ✓	1.667 ✓		4639 ✓	
	8091		161			3120		162		
	7930		162			2958		163		TOTAL BACKSIGHTS +78.724 ✓
	7768		323 ✓			2795		325 ✓		- FORESIGHTS -32.260 ✓
12	23789 ✓	7.930 ✓		4956 ✓		8873 ✓	2.958 ✓		4964 ✓	DIFF. IN ELEVATION +46.464 ✓
	7213		161			3383		165		
	7052		162			3218		163		B.M. 11-10
	6890		323 ✓			3055 ✓		328 ✓		SEE F.B. 376-13
13	21155 ✓	7.052 ✓		5279 ✓	79°	9656 ✓	3.219 ✓		5292 ✓	FOR DESCRIPTION
		78.724 ✓					32.260 ✓			

F.B. 1380 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 ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

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

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. 1380 PG. 78

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. 50010
Notes by S SHINODA Time 11:10 - 12:05 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-10 To BM 15-8
Date 5-28-52
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
	3358		166		#7	7185		160		BM 11-10
	3192		162			7025		161		SEE F.B 13764-3
	3030		328			6864		321		FOR DESCRIPTION
1	9580	3.193		328	79°	21074	7.025		321	
	3070		162			8044		162		T. E. LAND
	2908		163			7882		162		
	2745		325			7720		324		
2	8723	2.908		653		23646	7.882		645	
	2547		215			8639		213		
	2332		213			8426		209		
	2119		428			8217		422		
3	6998	2.333		1081		25282	8.427		1067	
	1670		210			8101		213		
	1460		213			7888		213		
	1247		423			7675		426		
4	4377	1.459		1504		23664	7.888		1493	
	1590		209			8220		217		
	1381		209			8003		213		
	1172		418			7790		430		
5	4143	1.381		1922		24013	8.004		1923	
		11.274					39.226			

F.B. 13820 PG. 79

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. 50010
Notes by S. SHINODA Time 11:10-12:05 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-10 To BM 15-8
Date 5-28-52
Indexed A. C. Johnson

F.B. 1386 PG. 80

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
	1452	11.274	212	1.922		8602	37.126	213	1.923	
	1240		210			8389		211		
	1030		422			8178		424		
6	3722	1.241		2344		25169	8.390		2347	
	2904		212			9298		215		
	2692		212			9083		211		
	2480		424			8872		426		
7	8076	2.692		2.768		27253	9.084		2.773	
	3542		211			10102		212		
	3331		209			9890		212		
	3122		420			9678		424		
8	9995	3.332		3.188		29670	9.890		3.197	
	2595		214			7909		212		
	2381		211			7697		212		
	2170		425			7485		424		
9	7146	2.382		3.613		23091	7.697		3.621	
	2018		212			7555		212		
	1806		209			7343		211		
	1597		421			7132		423		
10	5421	1.807		4034		22030	7.343		4044	
		22.728					91.130			

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. 50010
Notes by S. SHINODA Time 11:10 - 12:05 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4913
From BM 11-10 To BM 15-8
Date 5-28-5
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
	2812	2.728	212	4.034		10369	1.630	209	4.044	
	2670		210			10160		208		SUMMATION OF RUN
	2460		422			9952		417		B.M 11-10 TO B.M 15-8
11.	8012	1.671		4456		30481	10.160		4461	
	4033		218			5822		214		TOTAL BACKSIGHTS = 33.923
	3815		215			5608		210		- FORESIGHTS = 100.394
	3600		433			5398		424		DIFF. IN ELEVATION = 66.471
12.	11448	3.816		4889		16828	5.609		4885	
	4904		196			3191		196		
	4708		196			2995		195		B.M 15-8 (USE 2.19)
	4512		392			2800		391		SEE F.B. 1380 P.C.
13.	14124	4.708		5281	82°	8986	2.995		5276	FOR DESCRIPTION
		33.923					100.394			

F.B. 1380 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 ..... 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. 1380 PG. 82										

F. B. 1380 Pg. 93

NOTES RED. JOB NO. 0301.02 SURVEY OF
DATE SURVEY BY STOCK
NOTES CHKD. NOTES BY VALDEZ C.G. DATE 6-30-59
DATE INDEXED K. C. Johnson DATE 7-13-59

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

Do not extend notes this side of this line

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

765420 S & E-333 4-54

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						BENCH MARK
						REFERENCES
						B.M. 13-1
					* Note: B.M. Not disturbed by reconstruction of Curbs.	
				A Standard C.S. H.H. & Cover were installed by City of Pomona Street dept.		
						PARTY:
						STOCK
						MOODY
						VALDEZ
						LYBRAND
						SULLIVAN

765420 S & E-353 4-54

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. _____ SURVEY OF _____ NOTES RED _____
SURVEY BY _____ DATE _____
NOTES BY C. Johnson DATE _____ NOTES CHKD. HJA
INDEXED _____ DATE _____ DATE 2-17-54

F. B. 1380 Pg. 94

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION (1954)
Fd. Bm 13-1	858.571				858.571	B.M. 13-1 Elev. 858.571 Per F.B. 1379-112
+	6.111		5.906			WHITE AVE. & HOLT AVE S.W. COR.
π	864.682	+ 1.139	+1.141			MON. IN WELL 55' W. OF ℄ WHITE
—	4.972		4.765			AVE. & 36 S. of ℄ HOLT. AVE.
Set B.M. 13-1A	859.710				859.712	B.M. 13-1A Elev. Per F.B.
+	5.359		5.561			WHITE AVE. & HOLT. AVE N.W. COR.
π	865.069	+1.596	+1.593			B-spk IN N. curb HOLT AVE. 146' W.
—	3.763		3.768			℄ WHITE AVE.
Set B.M. 13-1B	861.306				861.306	B.M. 13-1B Elev. Per F.B.
+	3.103		2.579			WHITE AVE. & HOLT AVE. N.E. COR.
π	864.409	- 2.138	-2.735			B-spk IN N. Curb HOLT AVE. 6' E. of
—	5.841		5.314			℄ WHITE AVE.
Fd. B.M. 13-1	858.568				858.571	B.M. 13-1 Elev. 858.571 Per F.B. 1379-112
						WHITE AVE. & HOLT AVE. S.W. Cor.

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 .....
Ind. Rod C. Johnson 6-18-58

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	

L. A. CO. PRECISE LEVEL NET

Job No. 4923

G. E. DREYER
E. LANDA
S. SHINODA
M. SONNENSCHEIN
T. OKASHI
D. DIAZ

LINE No. 43 (RETURN)

F.B. 380 PG. 95

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. 50010
Notes by S. SHINODA Time 10:10-10:30 A.M. Rod No. 7E8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-83 To BM 13-1
Date 5-29-52
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
	6280		210		#7	4038		213		BM 11-83
	6070		210			3825		210		SEE F.B. 1376-74
	5860		420 ✓			3615		423 ✓		FOR DESCRIPTION
1	18210 ✓	6.070 ✓		420 ✓	71°	11478 ✓	3.826 ✓		423 ✓	
	6525		213			4368		211		* E. LANDA
	6312		211			4157		214		
	6101		424 ✓			3943		425		
2	18938	6.313 ✓		844 ✓		12468	4.156 ✓		848 ✓	
	6610		213			5300		212		SUMMATION OF RUN
	6397		214			5088		213		BM 11-83 TO BM 13-1
	6193		427 ✓			4875		425 ✓		
3	19190 ✓	6.397 ✓		1271 ✓		15263 ✓	5.088 ✓		1273 ✓	
	6472		161			3979		159		TOTAL BACKSIGHTS +31.367 ✓
	6311		159			3820		160		- FORESIGHTS -22.692 ✓
	6152		320 ✓			3660		319 ✓		DIFF. IN ELEVATION +8.675 ✓
PG. 96 4	18935 ✓	6.312 ✓		1591 ✓		11459 ✓	3.820 ✓		1592 ✓	
	6435		160			5560		158		
	6275		161			5402		159		BM 13-1
F.B. 1380	6114		321 ✓			5243		317 ✓		SEE F.B. 1379-112
5	18824 ✓	6.275 ✓		1912 ✓	74°	17405 ✓	5.802 ✓		1909 ✓	FOR DESCRIPTION
		31.367 ✓					22.692 ✓			

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. 50010
Notes by S. SHINODA Time 10:35-11:20AM Rod No. 778

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-1 To BM 13-2
Date 5-29-52
Indexed R. 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
	8434		215		A8	4450		212		BM 13-1
	8219		211			4238		214		SEE F.B. 1377 - 112
	8008		426			4024		426		FOR DESCRIPTION
1	24661	8.220		426	74°	12712	4.237		426	
	6490		198			4313		227		⊼ E. LANDA
	6292		194			4085		227		
	6098		392			3858		454		
2	18880	6.293		818		12256	4.085	5	881	
	6674		227			4482		199		
	6447		227			4283		197		
	6220		454			4086		396		
3	19341	6.447		1272		12851	4.284	7	1278	
	6560		210			4620		212		
	6350		211			4408		215		
	6139		421			4193		427		
4	19849	6.350		1693		13221	4.407	4	1705	
	6795		213			3838		215		
	6582		210			3623		212		
	6372		423			3411		427		
5	19749	6.583		2116		10872	3.624	1	2132	
		33.893					20.637			

F.B. 1380 PG. 77

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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 10:35 - 11:20 A.M. Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-1 To B.M. 13-2
Date 5-29-52
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
	6649	33.893	216	2116		4118	20.637	210	2.138	
	6433		214			3908		209		
	6219		430			3699		419		
6	19301	6.434		2.546		11725	3.908		2.549	
	6980		212			5010		212		
	6768		210			4798		213		
	6558		422			4585		425		
7	20306	6.769		2.968		14393	4.798		2.974	
	6608		213			3700		215		SUMMATION OF RUN
	6395		213			3485		212		B.M. 13-1 TO B.M. 13-2
	6182		426			3273		427		
8	19185	6.395		3394		10458	3.486		3.402	
	6797		174			4362		172		TOTAL BACKSIGHTS +67.914
	6623		173			4190		172		" FORESIGHTS -41.750
	6450		347			4018		344		DIFF IN ELEVATION +26.164
9	19870	6.623		3741		12570	4.190		3.746	
F.B. 1380 PG. 98	7983		173			4904		174		
	7810		172			4730		172		B.M. 13-2
	7638		345			4558		346		SEE F.B. 1379-115
10	23431	7.810		4086	74°	14192	4.731		4.094	FOR DESCRIPTION
		67.914					41.750			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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 11:25-1:30PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-2 To BM 13-3
Date 5-29-52
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
	7300		210		#7	2155		215		BM 13-2
	7090		208			1940		212		SEE F.B. 1317-115
	6882		418 ✓			1728		427 ✓		FOR DESCRIPTION
1	21272 ✓	7.091 ✓		418 ✓	74°	5823 ✓	1.941 ✓		427 ✓	
	7035		213			2542		212		
	6822		209			2330		212		E. LANDA
	6613		422 ✓			2118		424 ✓		
2	20470 ✓	6.823 ✓		840 ✓		6990 ✓	2.330 ✓		851 ✓	
	7421		191			2308		189		
	7230		192			2119		191		
	7038		383 ✓			1928		380 ✓		
3	21689 ✓	7.230 ✓		1223 ✓		6355 ✓	2.118 ✓		1231 ✓	
	6710		213			3158		216		
	6497		215			2942		212		
	6282		428 ✓			2730		428 ✓		
4	19489 ✓	6.496 ✓		1651 ✓		8830 ✓	2.943 ✓		1659 ✓	
	7279		216			5089		215		
	7063		213			4874		211		
	6850		429 ✓			4663		426 ✓		
5	21192 ✓	7.064 ✓		2080 ✓		14626 ✓	4.875 ✓		2085 ✓	
		34.704 ✓					14.207 ✓			

F.B. 1380 PG. 99

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. 50010
Notes by S. SHINODA Time 11:25-1:30 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-2 To B.M. 13-3
Date 5-29-52
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
	4524	34.704	214	2.080		1100	14.209	214	2.085	
	4310		211			0966		216		
	4.099		425			0750		430		
6	12933	4311		2505		2896	0.965		1.515	
	6840		210			3604		213		
	6630		210			3391		212		
	6420		420			3179		425		ONE HOUR FOR LUNCH
7	19890	6.630		2925	76°	10174	3.391		2940	
	6759		215			3880		213		
	6544		214			3667		212		
	6330		429			3455		425		
8	19633	6.544		3354	78°	11002	3.667		3365	
	8269		217			3890		212		
	8052		214			3678		213		
	7838		431			3465		425		
9	24159	8.053		3785		11033	3.678		3790	
	7738		215			2206		214		
	7523		211			1992		212		
	7312		426			1780		426		
10	22573	7.524		4211		5978	1.993		4216	
		67.766					27.901			

F.B. 1390 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. 50010
Notes by S. SHINODA Time 11:25 - 1:30 PM Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4922
From BM 13-2 To BM 13-3
Date 5-29-52
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
	8888	67.766 ✓	207	421 ✓		3505	27.901 ✓	205	421 ✓	
	8181		206			3300		208		BM 13-3
	7975		413 ✓			3092		413 ✓		SEE F.B. 1379-116
11.	14544 ✓	8.181 ✓		4624 ✓	78°	9897 ✓	3.299 ✓		4629 ✓	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 13-2 TO B.M. 13-3
										TOTAL BACKSIGHTS = 75.947 ✓
										" FORESIGHTS = 31.200 ✓
										DIFF. IN ELEVATION +44.747 ✓
										F.B. 1380 PG. 101
		75.947 ✓					31.200 ✓			

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 1:45-2:30 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-3 To B.M. 13-4
Date 5-29-52
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
	7426		213		#7	2602		223		B.M. 13-3
	7213		211			2379		222		SEE F.B. 1379-116
	7002		424			2157		445		FOR DESCRIPTION
1.	16641	7.214		424	78°	7136	2.379		445	
	7273		140			4289		141		
	7133		140			4148		140		⊼ G.E. DREIER
	6993		280			4008		281		
2	21399	7.133		704		12445	4.148		726	
	7328		146			4361		139		
	7182		146			4222		138		
	7036		292			4084		277		
3	21546	7.182		996		12667	4.222		1003	
		21.529					10.729			TP BM STA A-1
										SEE F.B. 1379-117
F.B. 1380 PG. 102										FOR DESCRIPTION
	8682		189			2902		188		
	8493		188			2714		186		
	8305		377			2528		374		
4	25480	8.493		1373		8144	2.715		1377	
		30.022					13.444			

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. DRAIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:45 - 2:30 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-3 To BM 13-4
Date 6-29-54
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
	5833	30.022	186	1.373		1704	13.464	188	1.377	
	5647		187			1516		188		
	5460		373			1328		376		
5.	16940	5.647		1.746		4548	1.516		1.753	
		35.669					14.980			T.P. BM A-2 SEE F.B. 1379-117 FOR DESCRIPTION
	10335		228			2534		227		
	10107		228			2307		228		SUMMATION OF RUN BM 13-3 TO BM 13-4
	9779		456			2079		455		
6.	30321	10.107		2.201		6920	2.307		2.208	
	8466		228			3095		231		TOTAL BACKSIGHTS +61.405
	8238		227			2864		231		- FORESIGHTS - 23.888
	8011		455			2633		462		DIFF. IN ELEVATION +37.517
7	24715	8.238		2.657		8592	2.864		2.670	
	7621		230			3761		225		
	7391		231			3537		226		BM 13-4 (STA A-2) SEE F.B. 1379-117 FOR DESCRIPTION
	7160		461			3511		451		
8.	22172	7.391		3.118	81°	11210	3.737		3.121	
		61.405					23.888			

F.B. 1380 PG. 103

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 3:05-[illegible] Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-4 To BM 13-3
Date 5-29-52
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
	3838		229		#7	7490		228		
	3609		229			7262		226		BM 13-4 (STA A-3)
	3380		458			7036		454		SEE F.B 1379-117A
1	10827	3.609		458	81°	21788	7.263		454	FOR DESCRIPTION
	3092		229			8466		228		
	2863		228			8238		226		⊼ G.E. DREIER
	2635		457			8012		454		
2	8590	2.863		915		24716	8.239		908	
	2572		227			10375		228		
	2345		227			10147		229		
	2118		454			9918		457		
3	7035	2.345		1369		30440	10.147		1365	
		8.817					25.619			TP
										STA A-2
										SEE F.B 1379-117
F.B. 1380 PG. 104										FOR DESCRIPTION
	1696		187			5822		186		
	1508		187			5636		187		
	1321		374			5449		373		
4	4524	1.508		1743		16907	5.636		1738	
		10.325					31.285			

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. DZEIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:55-9:05AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M 13-4 To B.M 13-3
Date 6-2-52
Indexed R. C. Tolman

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
	2862	10.325 ✓	187	1.743 ✓		8641	31.195 ✓	188	1.738 ✓	
	2675		186			8455		187		
	2489		373 ✓			8266		375 ✓		STOPPED 3:20 P.M. 5-29-52
5	8026 ✓	1.675 ✓		2.116 ✓	81°	25362 ✓	8.453 ✓		2.113 ✓	
		13.000 ✓					39.738 ✓			T.P. STA A-1
										SEE F.B. 1379-117
										FOR DESCRIPTION
	4301		142			7261		142		
	4159		142 ✓			7119		142 ✓		SUMMATION OF RUN
	4017 ✓		284 ✓			6977 ✓		284 ✓		B.M 13-4 TO B.M 13-3
6	12477 ✓	4.159 ✓		2.400 ✓	66°	21357 ✓	7.119 ✓		2.397 ✓	
	4224		141			7210		141		TOTAL BACKSIGHTS +23.889 ✓
	4083		141			7069		140		- FORESIGHTS -61.408 ✓
	3942 ✓		282 ✓			6929 ✓		281 ✓		DIFF. IN ELEVATION = 37.519 ✓
7.	12249 ✓	4.083 ✓		2.682 ✓		21208 ✓	7.069 ✓		2.678 ✓	
	2869		221			7693		211		
	2648		225 ✓			7482		212		B.M 13-3
	2423 ✓		446 ✓			7270 ✓		423 ✓		SEE F.B. 1379-116
8.	7940 ✓	2.647 ✓		3.128 ✓	66°	22445 ✓	7.482 ✓		3.101 ✓	FOR DESCRIPTION
		23.889 ✓					61.408 ✓			

F.B. 1380 PG. 105

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 9:20-10:10 AM Rod No. 728

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 13-3 To BM 13-2
Date 6-2-52
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
1	3529 3321 3116 9966	3.322	208 205 413	413	67 66°	8406 8200 7995 24601	8.200	206 205 411	411	BM 13-3 SEE F.B. 1379-116 FOR DESCRIPTION
2	1232 2020 1807 6059	2.020	212 213 425	838		7768 7557 7346 22671	7.557	211 211 422	833	✱ G. E. DREIER
3	3663 3448 3232 10343	3.448	215 216 431	1269		8045 7831 7619 23495	7.832	214 212 426	1259	
4	3962 3751 3539 11252	3.750	211 212 423	1692		6842 6628 6415 19885	6.628	214 215 429	1688	
5	4117 3896 3675 11688	3.896	221 221 442	2134		7344 7130 6916 21390	7.130	214 214 428	2116	
		16.437					37.347			

F.B. 1380 PG. 106

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 9:20 - 10:10 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-3 To BM 13-2
Date 6-2-52
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
	1598	16.437	211	1.134		4953	37.347	214	2.116	
	1387		210			4739		217		
	1177		421			4522		431		
6.	4162	1.387		2555		14214	4.738		2.547	
	5110		212			7300		215		
	4898		214			7085		214		
	4684		426			6871		429		
7	14692	4.897		2.981		21256	7.085		2.976	
	3118		214			6672		212		
	2904		212			6460		213		
	2692		426			6247		425		
8	8714	2.905		3.407		19379	6.460		3.401	
	2261		191			7368		189		
	2070		190			7179		188		
	1880		381			6991		377		
9	6211	2.070		3.788		21538	7.179		3.778	
	2613		210			7110		212		
	2403		210			6898		211		
	2193		420			6687		423		
10.	7209	2.403		4208		20695	6.898		4201	
		30.099					69.707			

F.B. 1380 PG. 107

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 9:20 - 10:10 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-3 To B.M. 13-2
Date 6-2-52
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
	2181	30.099	211	4208		7332	69.707	213	4201	
	1970		211			7119		211		B.M. 13-2
	1759		422			6908		424		SEE F.B. 1379-115
11.	5910	1.970		4630	69°	21359	7.120		4625	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 13-3 TO B.M. 13-2
										TOTAL BACKSIGHTS +32.069
										- FORESIGHTS -76.827
										DIFF. IN ELEVATION -44.758
		32.069					76.827			

F.B. 1380 PG. 108

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 J. SHIMADA Time 10:25 - 11:50AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-4 To BM 13-C
Date 6-2-52
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
	9012		213		#7	3141		213		BM 13-4 (STA A-3)
	8799		214			2928		212		SEE F.B. 1379-117
	8585		427 ✓			2716		425 ✓		FOR DESCRIPTION
1	13396 ✓	8.799 ✓		427 ✓	70°	8785	2.928 ✓		425 ✓	
	8440		217			0787		208		⊼ G.E. DREIER
	8223		218			0579		209		
	8005		435 ✓			0370		417 ✓		
2	24068 ✓	8.223 ✓		.862 ✓		1736 ✓	0.579 ✓		842 ✓	
	7888		207			3900		216		
	7681		208			3684		215		
	7473		416 ✓			3469		431 ✓		
3	23042 ✓	7.681 ✓		1277 ✓		11053 ✓	3.684 ✓		1273 ✓	
	7119		191			3525		194		
	6928		191			3331		191		
	6737		382 ✓			3140		385 ✓		
4	20784 ✓	6.928 ✓		1659 ✓		9996 ✓	3.332 ✓		1658 ✓	
	5369		193			5819		192		
	5176		192			5627		193		
	4984		385 ✓			5434		385 ✓		
5	15529 ✓	5.176 ✓		2044 ✓		16880 ✓	5.627 ✓		2043 ✓	
		36.807 ✓					~~10.525~~			
							16.150 ✓			

F.B. 1380 PG. 107

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 10:25-11:50 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-4 To BM 13-C
Date 6-2-52
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
		36.807		2.044			~~18.803~~ 16.759		2.043	TP
									1	BM STA A 12
										SEE F.B 1379-119
										FOR DESCRIPTION
	8144		212			3630		212		
	7932		212			3418		215		
	7720		424			3203		427		
6	23796	7.932		1.468		10251	3.417		2.470	
	7492		187			3622		190		
	7305		187			3432		188		
	7118		374			3244		378		
7	21915	7.305		2.842		10298	3.433		2.848	
	5892		063			5631		062		
	5829		066			5569		064		
	5763		129			5505		126		
8	17484	5.828		1.971		16705	5.568		2.974	
										BM 13-5
										SEE F.B 1379-119
										FOR DESCRIPTION
		57.872					28.568			

F.B. 1390 PG. 110

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 10:25 - 11:50 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-A To B.M. 13-C
Date 6-2-52
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
	5730	57.872	062	2.971		4677	28.568	060	2974	
	5668		063			4617		059		
	5605		125			4558		119		
9	17003	5.668		3.096		13852	4.617		3.093	
		63.540					33.185			B.M. 13-5A SEE F.B. 1379-1/19, 120 FOR DESCRIPTION
	9974		174			4419		177		
	9800		172			4242		176		
	9628		346			4066		353		
10	19402	9.801		3.442		12727	4.242		3.446	
	7902		175			2798		175		
	7727		174			2623		172		
	7553		349			2451		347		
11	23182	7.727		3.791		7872	2.624		3793	
	8732		212			1952		212		
	8520		210			1740		215		
	8310		422			1525		427		
12.	25562	8.521		4213		5217	1.739		4220	
		89.589					41.790			

F.B. 1380 PG. 111

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 10:25-11:50 A.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-4 To BM 13-6
Date 6-2-52
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
	8718	89.589	215	4.213		3670	41.790	214	4220	
	8503		213			3452		218		BM 13-6
	8290		428			3238		432		SEE FB 1379-121
13	25511	8.504		4641	77°	10364	3.455		4652	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 13-4 TO B.M. 13-6
										TOTAL BACKSIGHTS +98.093
										" FORESIGHTS -45.245
										DIFF. IN ELEVATION +52.848
		98.093					45.245			

F.B. 1380 PG. 112

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 1:15-1:50PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-5 To BM 13-4
Date 6-2-52
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
	5678	S	062		#7	5941		064		B.M. 13-5
	5616		062			5877		064		SEE F.B. 1379 119
	5554		124			5813		128		FOR DESCRIPTION
1.	16848	5611		124	75°	17631	5.877		128	
	3635		189			7506		189		
	3446		188			7316		188		
	3251		377			7128		377		
2	10339	3446		501		21949	7.316		505	
	3783		215			8294		211		
	3568		215			8083		210		
	3353		430			7873		421		
3	10704	3568		931		24250	8.083		926	
		12630					21.276			T.P BM A-12
										SEE F.B. 1379-119
										FOR DESCRIPTION
	5783		192			5335		192		
	5591		191			5141		191		
	5400		383			4952		383		
4	16774	5591		1314		15424	5.141		1309	
		18.221					26.417			

F.B. 1380 PG. 113

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 1:15 - 1:50 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-5 To BM 13-4
Date 6-2-52
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
	3533	18.221	191	1314		7127	24.271	191	1309	
	3342		192			6936		190		
	3150		583			6746		381		
5	10025	5.340		1.697		20809	6.36		1690	
	3989		211			7989		212		
	3778		212			7777		212		SUMMATION OF RUN
	3566		423			7565		424		BM 13-5 TO BM 13-4
6	11333	3.778		2.120		23531	7.777		2114	
	0650		213			8322		213		TOTAL BACKSIGHTS +28.638
	0467		215			8109		210		~ FORESIGHTS -57.938
	0252		428			7899		423		DIFF. IN ELEVATION -29.300.
7.	1369	0.466		2548		24330	8.116		2537	
	3045		214			8911		212		
	2831		214			8699		215		BM 13-4 STA A-3
	2617		428			8484		427		SEE F.B. 1379-117, 118
8.	8493	2.831		2976	70°	26094	8.618		3964	FOR DESCRIPTION
		28.638					57.938			

F.B. 1580 PG. 114

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 2:10-2:45PM Rod No. 768

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-6 To B.M. 13-7
Date 6-2-52
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
	7643		214		#7	1390		212		B.M. 13-6
	7429		212			1078		213		SEE F.B. 1370 · 121
	7217		426			0865		425		FOR DESCRIPTION
1	22289	7.430		420	79°	3333	1.078		425	
	7590		212			2737		215		⊼ E LANDA
	7378		213			2522		213		
	7165		425			2309		428		
2	22133	7.378		851		7568	2.523		853	
	7960		230			5072		227		
	7730		227			4845		225		
	7503		457			4620		452		
3	23193	7.731		1308		14537	4.846		1305	
	6203		243			4222		242		
	5960		240			3980		244		
	5720		483			3736		486		
4	17883	5.961		1791		11938	3.979		1791	
	5660		232			4433		233		
	5428		233			4200		232		
	5195		465			3968		465		
5	16283	5.428		2256		12601	4.200		2256	
		33.928					16.626			

F.B. 1580 PG. 115

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 2:10 - 2:45 P.M. Rod No. 7 & 8

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From BM 13-6 To BM 13-7
Date 6-2-52
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
	5599	33.92	215	2.256		4620	16.226	215	2.256	
	5384		212			4405		212		SUMMATION OF RUN
	5172		427			4193		427		BM 13-6 TO BM 13-7
6	16155	5.385		2.683		13218	4.406		2.683	
	5575		215			5550		212		TOTAL BACKSIGHTS +50.103
	5360		211			5338		213		- FORESIGHTS -32.061
	5149		426			5125		425		DIFF. IN ELEVATION +18.042
7	16084	5.361		3.109		16013	5.338		3.108	
	5643		213			5902		210		
	5430		215			5691		212		BM 13-7
	5215		428			5410		422		SEE FB 1379-122
8	16288	5.429		3.537	79°	17003	5.669		2.539	FOR DESCRIPTION
		50.103					32.161			

F.B. 1380 PG. 116

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 2:45 - 3:20 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-7 To BM 13-C
Date 6-2-52
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
	5903		212		#7	5641		213		BM 13-7
	5691		210			5428		215		SEE F.B. 1379 - 122
	5481		422			5213		428		FOR DESCRIPTION
1	17075	5.692		422	79°	16282	5.427		428	
	5607		212			5630		212		
	5395		214			5418		215		↑ E LANDA
	5181		426			5203		427		
2	16183	5.394		848		16251	5.417		855	
	4580		212			5558		214		
	4368		213			5344		213		
	4155		425			5131		427		
3	13103	4.368		1273		16033	5.344		1282	
	4424		232			5652		233		
	4192		233			5419		233		
	3959		465			5186		466		
4	12575	4.192		1738		16257	5.419		1748	
	4191		243			6171		243		
	3948		240			5928		243		
	3708		483			5685		486		
5	11847	3.949		2221		17784	5.928		2234	
		23.595					27.535			

F.B. 1380 PG. 117

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. 500.10
Notes by S. SHINODA Time 2:45 - 3:20 P Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-7 To B.M. 13-6
Date 6-2-52
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
	510	23.595	228	2.221		7990	27.535	228	2.234	
	4873		228			7762		229		SUMMATION OF RUN
	4645		456			7533		457		B.M. 13-7 TO B.M. 13-6
6	14619	4873		2.677		23285	7.762		2.691	
	2721		213			7578		213		TOTAL BACKSIGHTS +32.015
	2508		211			7365		211		- FORESIGHTS - 50.051
	2297		424			7154		424		DIFF. IN ELEVATION - 18.036
7	7526	2.509		3.101		22097	7.366		3.115	
	1250		212			7600		211		
	1038		211			7389		213		B.M. 13-6
	0827		423			7176		424		SEE F.B. 1377: 121
8	3115	1.038		3.524	71°	22165	7.388		3.539	FOR DESCRIPTION
		32.015					50.051			

F.B. 1380 PG. 118

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. 50010
Notes by G.E. DREIER Time 9.05 TO Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-7 To BM 13-8
Date 6-4-52
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
	8056		213		#7	2293		213		BM 13-7
	7.843		211			2.080		215		SEE F.B. 1372-122
	7.632		424			1.865		428		FOR DESCRIPTION
1	23.531	7.844		424	67°	6.238	2.079		428	
	9.660		246			1561		235		
	9.414		246			1.325		236		E LANDA
	9168		492			1089		472	900	
2	28.242	9.414		916		3.975	1.325		899	
	4888		213			3.335		213		
	4.675		210			3.122		212		
	4465		423			2.910		425	5	
3	14.028	4.676		1339		9.367	3.122		1,324	
	7108		213			3562		212		
	6895		212			3.350		213		
	6.683		425			3137		425	50	
4	20.686	6.895		1.764		10.049	3.350		1.745	
	6814		213			3.371		211		
	6601		213			3.160		212		
	6388		426			2948		423	3	
5	19.803	6601		2,190		9.479	3.160		2.17	
		35.430					13.036			

F.B. 1380 PG. 119

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 G.E. DREIER Time 9:05 TO Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-7 To BM 13-8
Date 6-4-52
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
	7.110	35.430	212	2.190		2.943	13.036	213	2.172	
	6898		213			2.730		212		
	6685		425			2518		425		
6	20.693	6.898		2.615		8.191	2.730		2.598	
	7115		213			2674		214		
	6902		210			2460		215		
	6692		423			2.245		429		
7	20.709	6.903		3.038		7.379	2.460		3.026	
	7.429		211			2660		217		
	7218		200			2443		213		
	7008		421			2230		430		
8	21.655	7.218		3.459		7.333	2.444		3.456	
	7330		212			3.040		214		
	7.118		214			2826		212		
	6904		426			2614		426		
9	21.352	7.117		3.885		8.480	2.827		3.882	
F.B. 1390 PG. 120	6863		141			3988		145		
	6722		142			3843		143		
	6580		283			3700		288		
	20.165	6.722		4.168		11.531	3.844		4.176	
		70.288					27.341			

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. 50010
Notes by G. E. DREIER Time 9:05 TO 9:55 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-7 To B.M. 13-8
Date 6-2-52
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
	6.868	70.288 ✓	.132	4.168 ✓		4.717	27.341 ✓	131	4.176	
	6.736		133			4.586		128		B.M. 13-8
	6.603		265 ✓			4.458		2.59 ✓		SEE F.B. 1379-173
11	20.207 ✓	6.736 ✓		4.433 ✓	70°	13.761 ✓	4.587 ✓		4.42 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 13-7 TO B.M. 13-8
										TOTAL BACKSIGHTS +77.024 ✓
										TOTAL FORESIGHTS -31.928 ✓
										DIFF IN ELEVATION +45.096 ✓
		77.024 ✓					31.928 ✓			

F.B. 1370 PG. 131

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. 50010
Notes by G.E. DREIER Time 10:00 TO Rod No. 788

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From B.M. 13-8 To B.M. 13-9
Date 6-4-52
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
	8749		226		#7	2935		227		
	8523		223			2708		229		B.M. 13-8
	8300		449			2479		456		SEE F.B. 1379-123
1	25572	8.524		449	70°	8.122	2.707		456	FOR DESCRIPTION
	7,248		211			4.182		213		
	7037		212			3.969		213		T. E. LANDA
	6825		423			3756		426		
2	21,110	7.037		872		11.907	3.969		882	
	7348		213			2955		214		
	7135		213			2741		211		
	6922		426			2530		425		
3	21.405	7.135		1298		8.226	2.742		1307	
	7542		214			3.276		215		
	7328		213			3.061		212		
	7115		427			2849		427		
4	21.985	7.328		1725		9.186	3.062		1734	
	8171		212			3170		213		
	7959		211			2957		215		
	7748		423			2742		428		
5	23878	7.959		2148		8.869	2.956		2162	
		37.983					15.436			

F.B. 1380 PG. 122

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 G.E. DREIER Time 10:00 TO Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-2 To BM 13-9
Date 6-4-52
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
	8.123	37.983 ✓	211	2.148 ✓		3063	15.436 ✓	212	2.162 ✓	
	7.912		212			2.851		211		
	7700		423 ✓			2640		423 ✓		
6	23735 ✓	7.912 ✓		2.571 ✓		8.554 ✓	2.851 ✓		2.585 ✓	
	8.063		212			1.995		214		
	7.851		210			1.781		211		
	7.641		422 ✓			1570		425 ✓		
7	23555 ✓	7.852 ✓		2.993 ✓		5.346 ✓	1.782 ✓		3.010 ✓	
	8.398		215			0882		212		
	8.183		213			0670		213		
	7.970		428 ✓			0457		425 ✓		
8	24551 ✓	8.184 ✓		3.421 ✓		2009 ✓	0.670 ✓		3.435 ✓	
	9930		226			0688		203		
	9.704		224			0485		200		
	9480		450 ✓			0285		403 ✓		
9	29114 ✓	9.705 ✓		3.871 ✓		1.458 ✓	0.486 ✓		3.838 ✓	
	8980		211			0879		222		
	8.769		209			0657		223		
	8560		420 ✓			0434		445 ✓		
10	26309 ✓	8.770 ✓		4.291 ✓		1.970 ✓	0.657 ✓		4.283 ✓	
		80.406 ✓					21.882 ✓			

F.B. 1380 PG. 123

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 G.E. DREIER Time 10:00 TO 10:55 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-8 To B.M. 13-9
Date 6-4-52
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
	10.712	80.406	227	4.291		1578	21.882	207	4.283	
	10.485		226			1.371		207		B.M. 13-9
	10.259		453			1.164		414		SEE F.B. 1379-124
11	31.456	10.485		4.744	77°	4.113	1.371		4.697	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 13-8 TO B.M. 13-9
										TOTAL BACKSIGHTS +90.891
										TOTAL FORESIGHTS -23.253
										DIFF IN ELEVATION +67.638
		90.891					23.253			

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 Inst. No. 50010
Notes by E. Landa Time 11:00 TO 12:00 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-9 To BM 13-8
Date 6-4-52
Indexed E. 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
	1459		213		#7	10573		219		BM 13-9
	1246		215			10354		216		SEE F.B. 1379-124
	1031		428 ✓			10138		435 ✓		FOR DESCRIPTION
1	3736 ✓	1.245 ✓		428 ✓	77°	31065 ✓	10355 ✓		435 ✓	BY G. E. Dreier
	0977		220			9082		212		
	0757		222			8870		212		
	0535		442 ✓			8658		424 ✓		
2	2269 ✓	0.756 ✓		870 ✓		26610 ✓	8.870 ✓		859 ✓	
	0712		200			9952		223		
	0512		200			9729		226		
	0312		400 ✓			9503		449 ✓		
3	1536 ✓	0.512 ✓		1270 ✓		29184 ✓	9.728 ✓		1308 ✓	
	0965		222			8470		207		
	0743		221			8263		205		
	0522		443 ✓			8058		412 ✓		
4	2230 ✓	0.743 ✓		1713 ✓		24791 ✓	8.264 ✓		1720 ✓	
	2101		213			8167		211		
	1888		211			7956		211		
	1677		424 ✓			7745		422 ✓		
5	5666 ✓	1.889 ✓		2137 ✓		23868 ✓	7956 ✓		2142 ✓	
		5.145 ✓					45.173 ✓			

F.B. 1380 PG. 125

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. E. Dreier Weather Clear Inst. No. 50010
Notes by E. Lande Time 11:00 - 12:00 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From ..... To .....
Date .....
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
	3133	5.145	212	2137		8192	45.173	210	2142	
	2921		211			7982		211		
	2710		423			7771		421		
6	8764	2921		2560		23945	7.982		2563	
	3206		214			8205		213		
	2992		212			7992		212		
	2780		426			7780		425		
7	8978	2.993		2986		23977	7.992		2988	
	3355		214			7620		211		
	3141		212			7409		211		
	2929		426			7198		422		
8	9425	3.142		3412		22227	7.409		3410	
	3050		213			7440		211		
	2837		214			7229		212		
	2623		427			7017		423		
9	8510	2.837		3839		21686	7.229		3833	
	4269		211			7342		212		
	4058		210			7130		212		
	3848		421			6918		424		
10	12175	4058		4260		21390	7130		4257	
		21.096					82.~~415~~ 895			

F.B. 1380 PG. 126

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. 50010
Notes by E. Londa Time 11:00 - 12:00 Rod No. 788

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-9 To B.M. 13-8
Date 6-4-52
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
	2693	21.096	226	4260		8502	82.945	222	4257	B.M. 13-8
	2467		226			8280		221		SEE F.B. 379-123
	2241		452			8059		443		FOR DESCRIPTION
	7401	24671		4712		24841	82801		4700	
										SUMMATION OF RUN
										B.M. 13-9 TO B.M. 13-8
										TOTAL BACKSIGHTS = 23.563
										TOTAL FORESIGHTS = 91.195
										DIFF IN ELEVATION = 67.632
		23.563					91.195			

F.B. 3570 PG. 127

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 1:45-2:00 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-9 To B.M. 13-10
Date 6-4-52
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
	7819		227		#7	6661		225		
	7592		225			6436		226		B.M. 13-9
	7367		452 ✓			6210		451 ✓		SEE F.B. 1379-124
1	22778 ✓	7.593 ✓		452 ✓	81°	19307 ✓	6436 ✓		451 ✓	FOR DESCRIPTION
	3436		214			7326		213		
	3222		212			7113		213		℄ G.E. DREIER
	3010		426 ✓			6900		426 ✓		
2	9668 ✓	3.223 ✓		878 ✓		21339 ✓	7.113 ✓		877 ✓	
	3207		213			7186		213		
	2994		212			6973		213		SUMMATION OF RON
	2782		425 ✓			6760		426		B.M. 13-9 TO B.M. 13-10
3	8983 ✓	2994 ✓		1303 ✓		20919 ✓	6.973 ✓		1303 ✓	
	2803		181			8527		178		
	2622		178			8349		178		B.M. 13-10
	2444		359 ✓			8171		356 ✓		SEE F.B. 1379-125
4	7869 ✓	2.623 ✓		1662 ✓	81°	25047 ✓	8.349 ✓		1652 ✓	FOR DESCRIPTION
F.B. 1380 PG. 128										TOTAL BACKSIGHTS +16.433 ✓
										" FORESIGHTS -28.871 ✓
										DIFF. IN ELEVATION -12.438
		16.433 ✓					28.871 ✓			

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. 50010
Notes by S. SHINODA Time 2:05-2:20 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-10 To BM 13-9
Date 6-4-52
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
	8573		176		#7	2852		180		BM 13-10
	8397		177			2672		180		SEE F.B. 1379-125
	8220		353			2492		360		FOR DESCRIPTION
1	25190	8.397		353	81°	8016	2.672		360	
	7120		211			3145		212		
	6909		211			2933		211		K G.E. DREIER
	6690		422			2722		423		
2	20727	6.909		775		8800	2.933		783	
	7311		212			3426		213		
	7099		211			3213		213		
	6888		423			3000		426		
3	21298	7.099		1198		9639	3.213		1209	
	6667		226			7829		229		
	6441		223			7600		227		BM 13-9
	6218		449			7373		456		SEE F.B. 1379-124
4	19326	6.442		1647	81°	22802	7.601		1665	FOR DESCRIPTION
										SUMMATION OF RUN BM 13-10 TO 13-9
										TOTAL BACKSIGHTS = 28.847
										FORESIGHTS = 16.419
										DIF. IN ELEV. = 12.428
		28.847					16.419			

F.B. 1380 PG. 129

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. 60010
Notes by S. SHINODA Time 2:30 - 2:45 P.M. Rod No. 7E8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-10 To B.M. 13-9
Date 6-4-52
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
	8568		178		#7	2841		178		
	8390		179			2663		179		B.M. 13-10
	8211		357			2484		357		SEE F.B. 1379-125
1	25169	8.390		357	80°	7988	2.663		357	FOR DESCRIPTION
	7132		211			3154		212		
	6921		213			2942		211		* G. E. DREIER
	6708		424			2731		423		
2	20761	6.920		781		8827	2.942		780	
	7301		211			3415		214		
	7090		211			3201		212		SUMMATION OF RUN
	6879		422			2989		426		B.M. 13-10 TO B.M. 13-9
3	21270	7.090		1203		9605	3.202		1206	
	5281		227			6437		226		
	5054		227			6211		223		B.M. 13-9
	4827		454			5988		449		SEE F.B. 1379-124
4	15162	5.054		1657	80°	18636	6.212		1655	FOR DESCRIPTION
										TOTAL BACKSIGHTS +27.454
										" FORESIGHTS -15.019
										DIFF. IN ELEVATION +12.435
		27.454					15.019			

F.B. 1380 PG. 130

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:45-10:25 AM Rod No. 7E8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-10 To B.M. 13-11
Date 6-5-52
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
	8725		213		#7	3577		215		B.M. 13-10
	8512		212			3362		212		SEE F.B. 1379 PG. 125
	8300		425			3150		427		FOR DESCRIPTION
1	25537	8.512		425	63°	10089	3.363		427	
	7278		215			3668		215		↑ E LANDA
	7065		211			3453		213		
	6852		426			3240		428		
2	21193	7.064		851		10361	3.454		855	
	7327		213			3511		213		
	7114		211			3298		213		
	6903		424			3085		426		
3	21344	7.115		1275		9894	3.298		1281	
	6920		210			4115		214		
	6710		210			3901		211		
	6500		420			3690		425		
4	20130	6.710		1695		11706	3.902		1706	
	6678		215			3949		213		
	6463		211			3736		215		
	6252		426			3521		428		
5	19393	6.464		1121		11206	3.735		2134	
		35.865					17.752			

F.B. 1380 PG. 131

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 OVERCAST Inst. No. 50010
Notes by J. SHUKOVA Time 7:45-10:25 A.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-10 To BM 13-11
Date 6-5-52
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
	6825	35.865	213	2121		4031	17.752	212	2134	
	6612		212			3819		211		
	6400		425			3608		423		
6	19837	6.612		2546		11458	3.819		2557	
	6652		212			4498		216		
	6440		210			4282		212		
	6230		422			4070		428		
7	19322	6.441		2968		12850	4.283		2985	
	6350		215			4313		211		
	6135		215			4102		210		
	5920		430			3892		421		
8	18405	6.135		3398		12307	4.102		3406	
	6500		212			4523		212		
	6288		213			4311		211		
	6075		425			4100		423		
9	18863	6.288		3823		12934	4.311		3829	
	6379		214			4410		210		
	6165		213			4200		210		
	5952		428			3990		420		
10	18496	6.165		4250		12600	4.200		4249	
		67.506					38.467			

F.B. 1380 PG. 132

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 7:45-10:25AM Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-10 To BM 13-11
Date 6-5-52
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
	5999	67.506	159	4.250		4593	58467	157	4249	
	5840		158			4436		158		
	5682		317			4278		315		
11	17521	5840		4568		13307	4.436		4564	
	6161		161			3570		160		
	6000		157			3410		160		BM 13-11
	5841		320			3250		320		SEE F.B. 1379-126
12	18002	6.001		4884	64°	10230	3.410		4884	FOR DESCRIPTION.
										SUMMATION ON RUN
										BM 13-10 TO BM 13-11
										TOTAL BACKSIGHTS + 79.347
										" FORESIGHTS - 46.313
										DIFF. IN ELEVATION + 33.034
		79.347					46.313			

F.B. 1379 PG. 133

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:30 - 11:10A.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-11 To B.M. 13-10
Date 6-5-52
Indexed A. C. Johnson

F.B. 1380 PG. 134

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
	3521		160		#7	6113		161		
	3361		159			5952		159		B.M. 13-11
	3202		319 ✓			5793		320		SEE F.B. 1379-126
1	10084	3.361 ✓		319 ✓	64°	17858	5.953 ✓		320 ✓	FOR DESCRIPTION
	4720		158			6124		157		
	4562		157			5967		157		↑ E. LANDA
	4405		315 ✓			5810		314		
2	13687	4.562 ✓		634 ✓		17901	5.967 ✓		634 ✓	
	4483		209			6451		213		
	4274		209			6238		213		
	4065		418 ✓			6025		426 ✓		
3	12822	4.274 ✓		1052 ✓		18714	6.238 ✓		1060 ✓	
	4505		212			6481		212		
	4293		213			6269		211		
	4080		425 ✓			6058		423		
4	12878	4.293 ✓		1477 ✓		18808	6.269 ✓		1483 ✓	
	4244		214			6275		213		
	4030		213			6062		210		
	3817		427 ✓			5852		423 ✓		
5	12091	4.030 ✓		1904 ✓		18189 ✓	6.063 ✓		1906 ✓	
		20.520 ✓					30.789 ✓ 90			

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 10.30-11.10 A.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-11 To BM 13-10
Date 6-5-52
Indexed R. C. Thomas

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
	4545	20.520	215	1.904		6700	30.489 90	211	1.906	
	4330		212			6489		211		
	4118		427			6278		422		
6	12993	4.331		2.331		19467	6.489		2.328	
	4155		215			6943		211		
	3940		212			6732		211		
	3728		427			6521		422		
7	11823	3.941		2.758		20196	6.732		2.750	
	4203		213			6930		212		
	3990		215			6718		215		
	3775		428			6503		427		
8	11968	3.989		3.186		20151	6.717		3.177	
	4238		214			7044		213		
	4024		212			6831		211		
	3812		426			6620		424		
9	12074	4.025		3.612		20495	6.832		3.601	
	3647		212			7466		214		
	3435		214			7252		212		
	3221		426			7040		426		
10	10303	3.434		4.038		21758	7.253		4.027	
		10.240					64513			

F.B. 1310 PG. 135

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:30 - 11:10 Rod No. 7E8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-11 To B.M. 13-10
Date 6-5-52
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
	3680	40.220	212	4.038		7291	64.513	213	4.027	
	3468		213			7078		213		
	3255		425			6865		426		
11	10403	3.468		4.463		21234	7.078		4.453	
	3698		210			8857		217		
	3488		208			8640		215		B.M. 13-10
	3280		418			8425		432		SEE F.B. 1379-125
12	10466	3.489		4.881	63°	25922	8.641		4.885	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 13-11 TO B.M. 13-10
										TOTAL BACKSIGHTS +47.197
										" FORESIGHTS -80.232
										DIFF. IN ELEVATION -33.035
		47.197					80.232			

F.B. 1380 PG. 136

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 11:20-11:50AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-11 To BM 11-54
Date 6-5-52
Indexed [redacted]

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
	8283		132		#7	8273		133		BM 13-11
	8151		131			8140		135		SEE F.B. 1377
	8020		263			8005		268		FOR DESCRIPTION
1	24454	8.151		263	63°	24418	8.139		268	
	2350		158			8428		160		
	2192		156			8268		160		TE LANDA
	2036		314			8108		320		
2	6578	2.193		577		24804	8.268		588	
	3730		158			6732		157		
	3572		157			6576		155		
	3415		315			6420		312		
3	10717	3.572		892		19727	6.576		900	
	4487		215			6115		214		
	4272		212			5901		212		
	4060		427			5689		426		
4	12819	4.273		1319		17705	5.902		1326	
	5128		215			5848		213		
	4913		211			5635		213		
	4702		426			5422		426		
5	14743	4.914		1745		16905	5.635		1752	
		23.103					34529			

F.B. 1380 PG. 137

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 11:20 - 11:50 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-11 To B.M. 11-54
Date 6-5-52
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
	5290	23.103	212	1.745		6013	34.520	213	1.752	
	5078		214			5800		212		SUMMATION OF RUN
	4864		426			5588		425		B.M. 13-11 TO B.M. 11-54
6	15232	5077		2.171		17401	5.800		2.177	
	5473		213			4639		214		TOTAL BACKSIGHTS + 40.744
	5260		211			4425		213		" FORESIGHTS - 49.395
	5049		424			4212		427		DIFF IN ELEVATION - 8.651
7	15782	5.261		2.595		13276	4.425		2.604	
	7518		216			4860		210		
	7302		214			4650		209		B.M. 11-51
	7088		430			4441		419		SEE F.B. 1376-50
8	21908	7303		3.025	61°	13951	4.650		3.023	FOR DESCRIPTION
		40.744					49.395			

F.B. 1380 PG. 138

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S SHINODA Time 1:20 - 2:00 PM Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-54 To BM 13-11
Date 6-5-52
Indexed J. 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
	4606		212		#7	7257		212		BM 11-54
	4394		212			7045		212		SEE F.B. 379-50
	4182		424			6833		424		FOR DESCRIPTION
1.	13182	4394		424	64°	21135	7.045		424	
	4469		215			5300		213		⊼ G.E. DREIER
	4254		212			5087		212		
	4042		427			4875		425		
2	12765	4.255		.851		15262	5.087		.849	
	5754		212			5031		212		
	5542		212			4819		212		
	5330		424			4607		424		
3	16626	5.542		1.275		14457	4.819		1.273	
	5777		212			5056		214		
	5565		212			4842		212		
	5353		424			4630		426		
4	16695	5.565		1.699		14528	4.843		1.699	
	6110		213			4479		212		
	5897		214			4267		212		
	5683		427			4055		424		
5.	17690	5897		2.126		12801	4.267		2.123	
		25653					26.061			

F.B. 1380 PG. 139

FORM 379 SM 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:20 - 2:00 PM Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-54 To BM 13-11
Date 6-5-52
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
	6473	25.653	156	2.126		3470	26.061	157	2.123	
	6317		156			3313		156		SUMMATION OF RUN
	6161		312			3157		313		BM 11-54 TO BM 13-11
6	18951	6317		2438		9940	3.313		2436	
	8157		160			2079		158		
	7997		160			1921		158		TOTAL BACKSIGHTS +48.165
	7837		320			1763		316		" FORESIGHTS -39.505
7	23991	7.997		2758		5763	1.921		2752	DIFF. IN ELEVATION +8.660
	8330		132			8346		136		
	8198		133			8210		136		BM 13-11
	8065		265			8074		272		SEE F.B. 1379-126
8	24593	8.198		3023	66°	24630	8.210		3024	FOR DESCRIPTION
		48.165					39.505			

F.B. 1380 PG. 120

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

Survey of L.A. Co. PRECISE LEVEL NET F. B. 1380 Pg. 141
W. O. [illegible] Tape No. St'd. °F
Surveyed by G. E. DREIER
Notes Date JUNE 52
Indexed C. Johnson 6-18-82

LINE NO. 13

L.A. COUNTY PRECISE LEVEL NET

JOB NO 4923

B.M. 13-12 TO B.M. 13-19

G.E. DREIER
E. LANDA
S. SHINODA
M. SONNENSCHEIN
T. OHASHI
D. DIAZ

Note: Any Additions or Changes on This Sheet Must 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.

78F3093 247 2-51

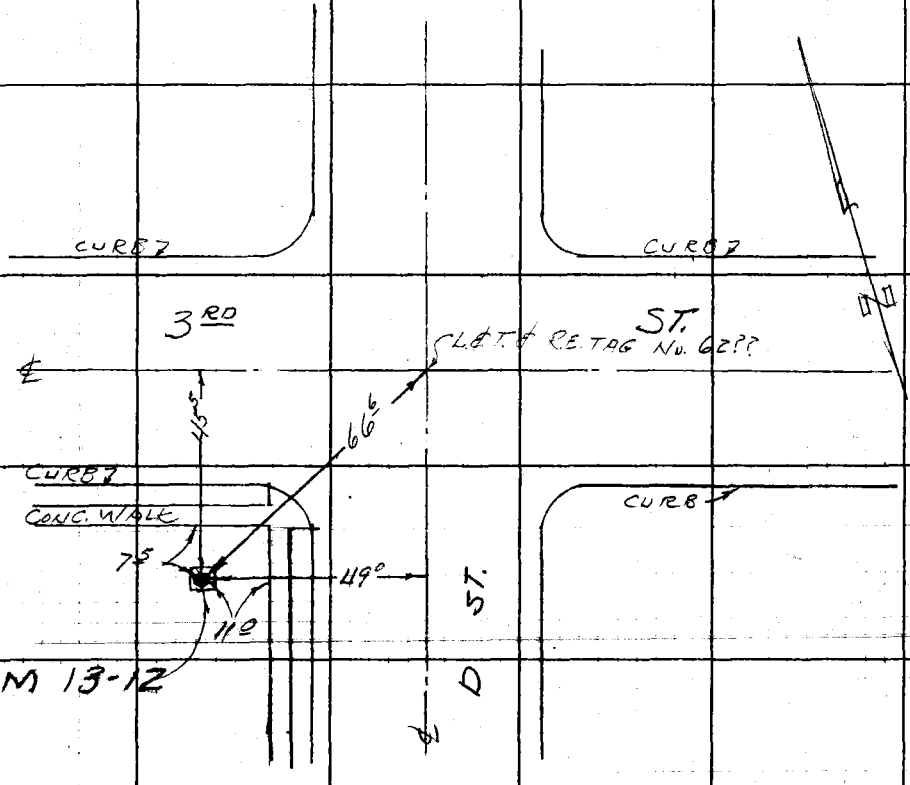
F. B. 1580 PG. 142

B.M. 13-12 (U.S. 357) U.S.G.S. S-60-1923 (Bulletin 766)

LA VERNE, 65' S.W. OF INTER-
SECTION OF THIRD AND D STS., IN ~~N.W.~~ N.E.
COR. OF GROUNDS OF LA VERNE COLLEGE
(NOW A CITY PARK) IN CONCRETE POST;
BRONZE TABLET STAMPED "S-60-1923"
BULLETIN 766-1923

L.A.Co. 1952 Adj. Elev = 1048.094

Not Recovered 19 Nov 1962 F.E.B.
See F.B. 2886-11 for BM 13-12A



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

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

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	W. O. 4723 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G.E. DREIER Date 5-9-52
Date	Indexed C. Johnson

F. B. 1380 PG. 143

B.M. 13-13 (U.S. 2600)

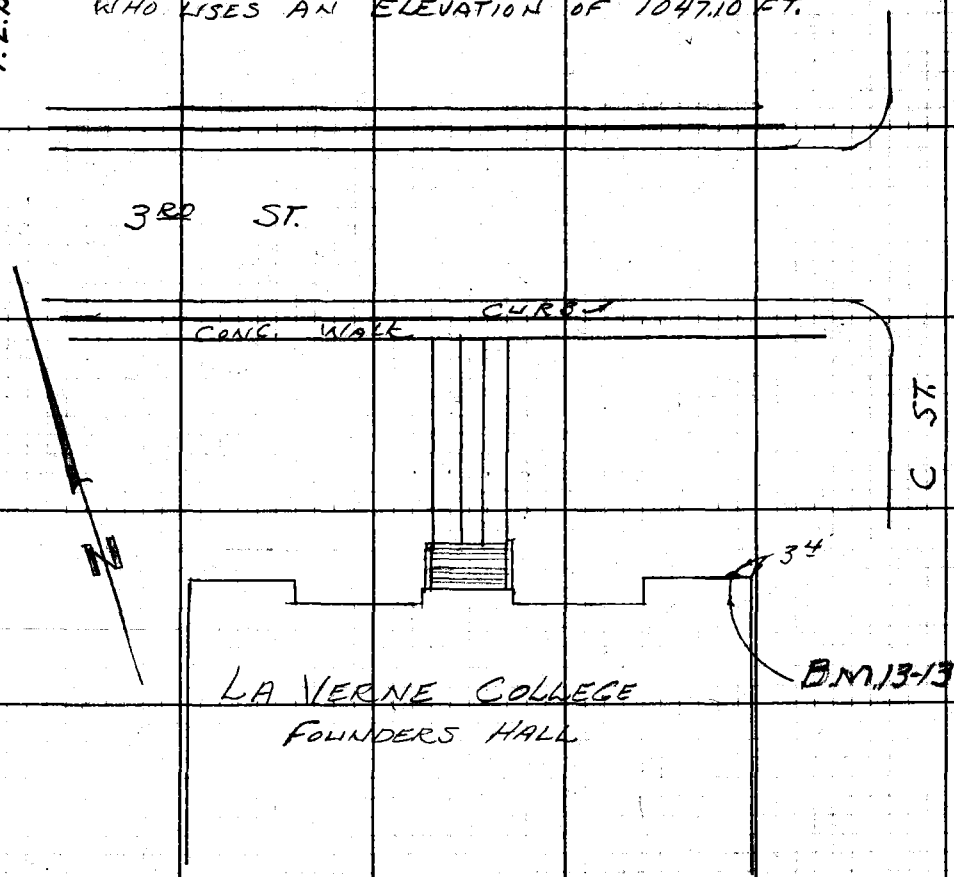
LA VERNE, IN MAIN BUILDING OF LA VERNE COLLEGE, SET VERTICALLY IN N FACE OF N.E. COR. 3.5' BELOW CORNER STONE OF FOUNDER'S HALL, 16" ABOVE GROUND; 3½" BRONZE TABLET USC&GS B-96 (1931)

L.A.Co. 1952 Adj. Elev. = 1046.530 ✓

NOTE — CITY OF LA VERNE ENGINEERING WORK IS CONTRACTED BY JOHN O. REEVE, R.E., 1617 NORTH GAREY AVE., POMONA, WHO USES AN ELEVATION OF 1047.10 FT.

SEE F.B. 2886-12 for BM 13-13

F.E.B. 20 Nov 1962



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

78F3098 247 2-51

F.B. 1380 Pg. 144

B.M. 13-14

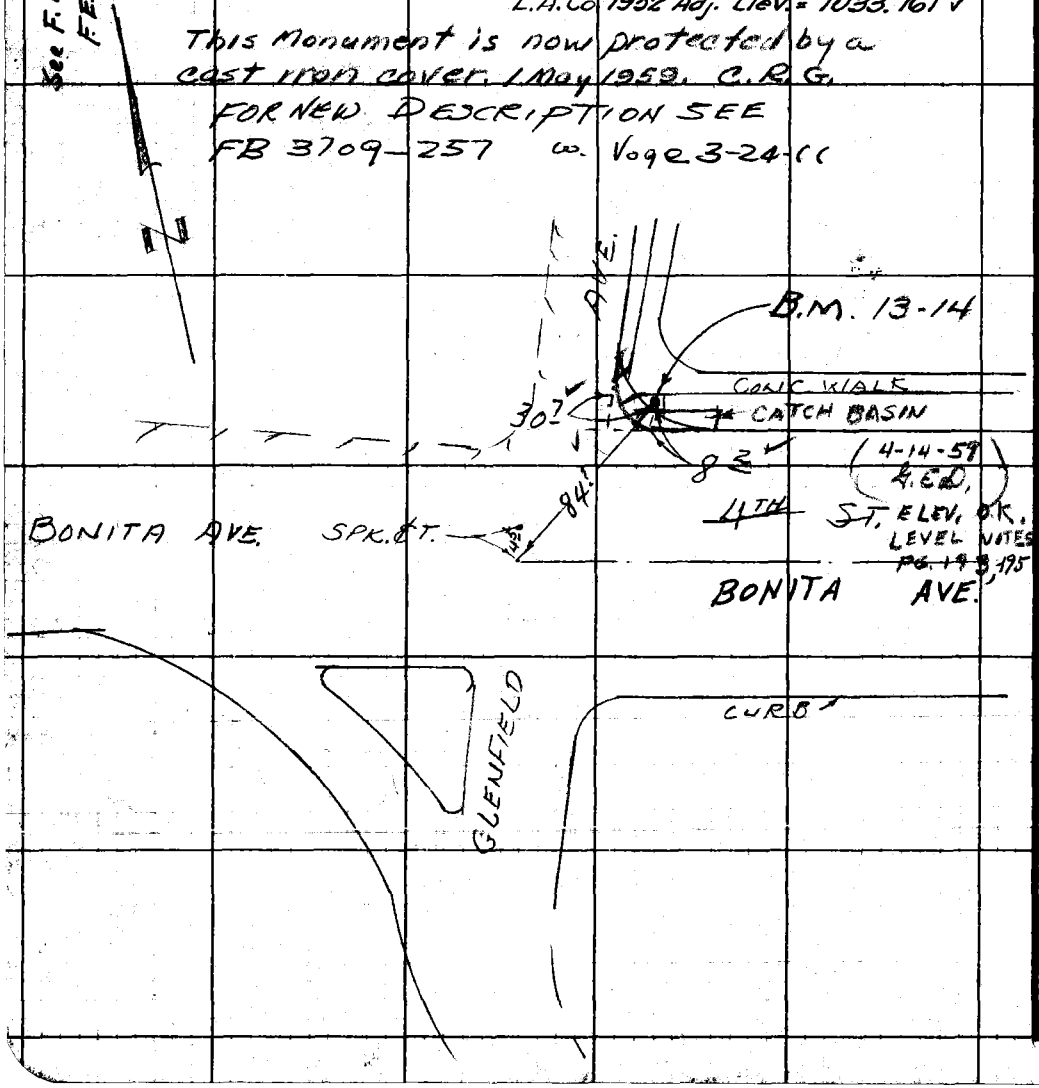
LAVERNE, ~~4TH ST~~ (BONITA AVE) AND GLENFIELD AVE, N.E. COR., A STANDARD COUNTY SURVEYOR MONUMENT MARKED "B.M. 13-14 1952" RE 63" SET IN CONC. 9 INCHES BELOW THE TOP OF THE CURB, 8.2 FT N'LY OF THE WESTERLY PROLONGATION OF THE NORTH CURB OF 4TH ST., AND 30.7 FT EASTERLY FROM THE SOUTHERLY PROLONGATION OF THE EAST CURB OF GLENFIELD AVE.

L.A.Co. 1952 Adj. Elev. = 1033.161 V

This Monument is now protected by a cast iron cover. 1 May 1959. C.R.G.

FOR NEW DESCRIPTION SEE FB 3709-257 w. Voge 3-24-60

See F.B. 2886-13 for BM 13-14A
F.E.S. 20 Nov 1962



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 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 6-11-52
Date	Indexed L. C. Johnson

F.B. 1380 Pg. 145

W.V. 3-24-66

B.M. 13-15 FOR NEW DESCRIPTION SEE FB3709-261

BONITA AVE. AND SAN DIMAS CANYON RD., LOS ANGELES COUNTY SURVEY CONTROL TRAVERSE, STATION LA VERNE 1939 ZE 2177 A-12C, IN A HANDHOLE PROTECTED BY A CAST IRON COVER, 5'± WEST OF, AND 1.5'± NORTH OF APPROXIMATE ℄ INTERSECTION.

L.A.Co. 1952 Adj. Elev = 1013.311 ✓

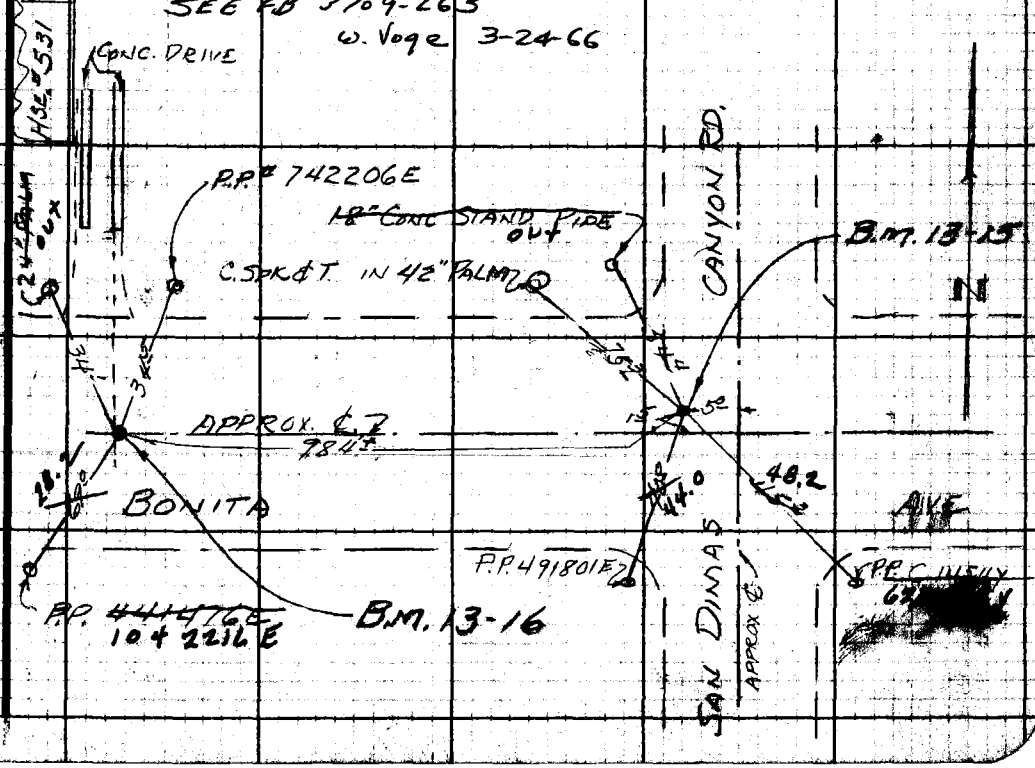
B.M. 13-16

BONITA AVE, 989 FT± WEST OF ℄ OF SAN DIMAS CANYON RD., LOS ANGELES COUNTY SURVEY CONTROL TRAVERSE LA VERNE 1939 ZE 2177 STA. A-12B, IN A HANDHOLE PROTECTED BY A CAST IRON COVER, ON APPROXIMATE ℄ OF BONITA AVE AND ON THE S'LY PROLONGATION OF THE EAST CONCRETE STRIP OF DRIVEWAY TO HOUSE NO. 531

L.A.Co. 1952 Adj. Elev. = 1013.269 ✓

FOR NEW DESCRIPTION SEE FB 3709-263

W. Voge 3-24-66



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

75F3095 247 2-51

F.B. 1380 Pg. 146

B.M. 13-17

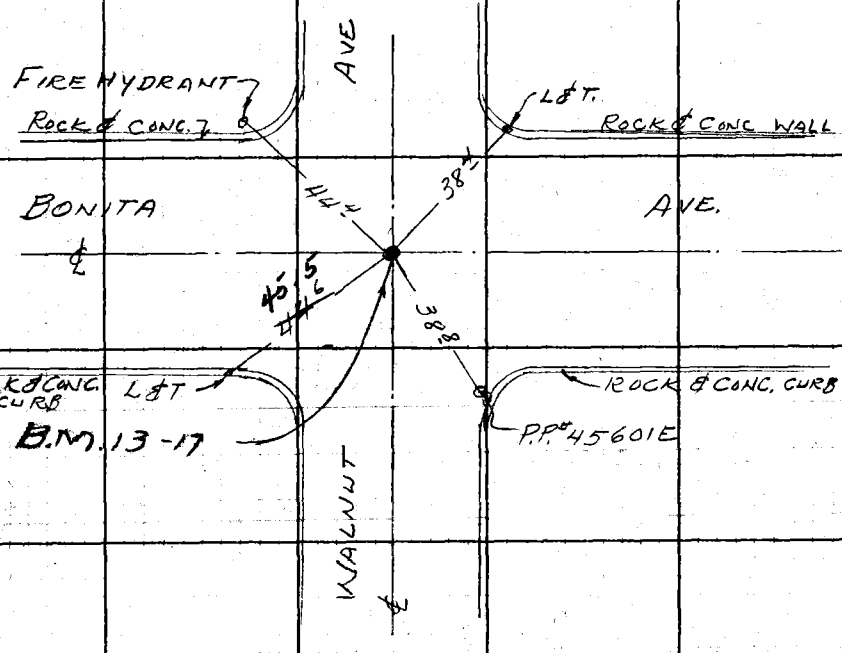
BONITA AVE. AND WALNUT AVE., ℄ INTERSECTION A STANDARD COUNTY SURVEYOR MONUMENT SET IN CONCRETE 11 INCHES BELOW THE SURFACE IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A.Co. 1952 Adj. Elev. = 971.304 ✓

RE 329

FOR NEW DESCRIPTION SEE FB 3709-265

W. Voge 3-24-66



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 LEVEL NET
Map No.	W.O. 4973 Tape No. Std. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 6-11-52
Date	Indexed A. C. Johnson

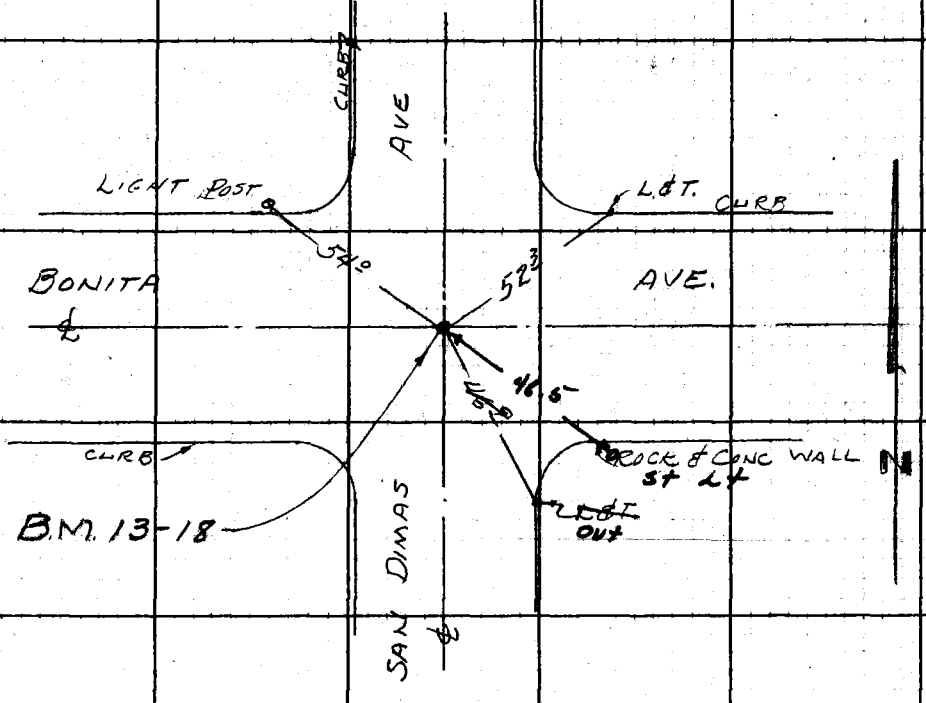
F.B. 1380 Pg. 147

B.M. 13-18

BONITA AVE. AND SAN DIMAS AVE, ℄ INTERSECTION, A STANDARD COUNTY SURVEYOR MONUMENT SET IN CONCRETE 11" INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

RE 329 L.A.Co. 1952 Adj. Elev. = 952.122 ✓

SEE FB 3709-267 FOR NEW Description
W. Voge 3-24-66



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

75F3095 247 2-51

F.B. 1380 PG. 148

B.M. 13-19

SAN DIMAS AVE. AND 4TH AVE., ℄ INTERSECTION, A STANDARD 2 1/4" COUNTY SURVEYOR MONUMENT SET IN CONCRETE ~~#4~~" INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED: "COUNTY SURVEYOR MONUMENT"

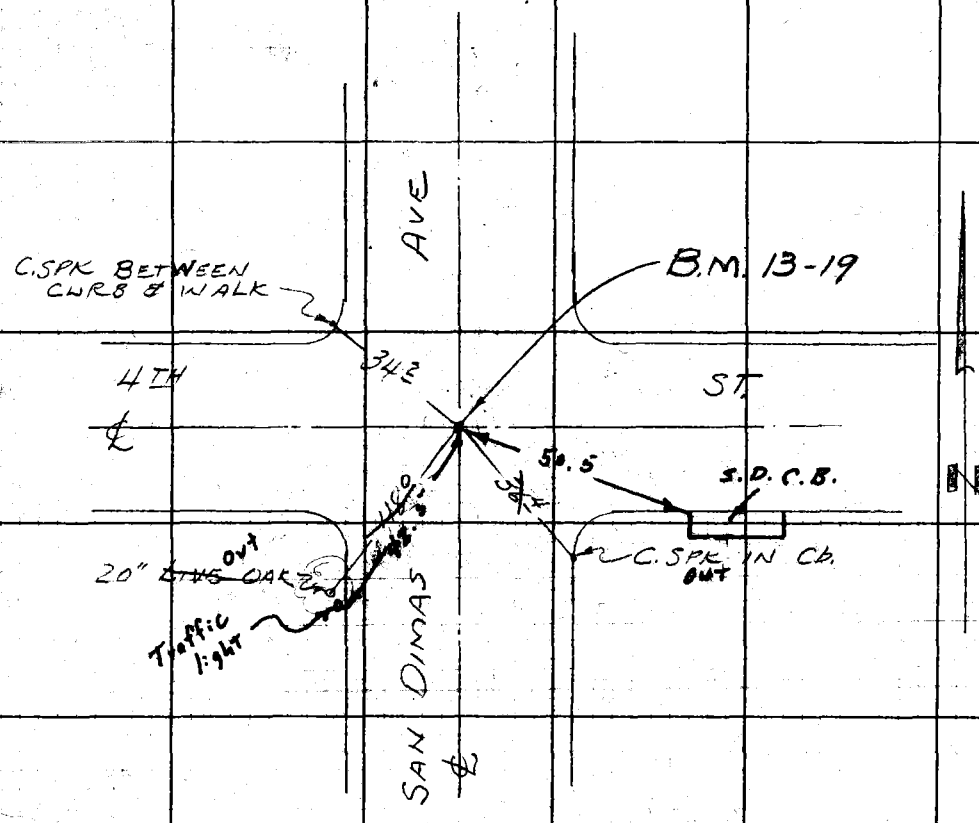
RE 329 L.A.Co. 1952 Adj. Elev= 970.299 ✓

Ties,

50.5' NW'ly of N.W. ~~cor~~ of catch Basin

42.5' NE'ly of Traffic Signal

34± SE'ly of cut spk Between curb & walk



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

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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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:00-10:50AM Rod No. 7 E B

Name L. A. CO. PRECISE LEVEL NET
Job No. 492
From BM 13-8 To BM 13-12
Date 6-6-52
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
	4817		129		#7	6969		130		BM 13-8
	4688		128			6839		130		SEE F.B. 1377: 123
	4560		257			6709		260		FOR DESCRIPTION
1	14065	4688		257	64°	20517	6.839		260	
	4172		142			7052		141		↑
	4030		143			6911		141		
	3887		285			6770		282		
2	12089	4030		542		20733	6.911		542	
	2572		211			6862		214		
	2361		211			6648		213		
	2150		422			6435		427		
3	7083	2.361		964		19945	6.648		969	
	2689		213			7465		212		
	2476		212			7253		211		
	2264		425			7042		423		
4	7429	2.476		1389		21760	7.253		1392	
	2725		213			7174		214		
	2512		211			6967		213		
	2301		424			6744		427		
5	7538	2.513		1815		20872	6.957		1815	
		16.068					34.608			

F.B. 1380 PG. 149

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:00-10:50 A Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-8 To BM 13-12
Date 6-6-52
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
	2940	16.068	212	1813		7111	34.608	211	1819	
	2728		213			6900		210		
	2515		425			6690		421		
6	8183	2.728		2238		20701	6.900		2240	
	5450		212			5910		214		
	5238		211			5696		215		
	5027		423			5481		429		
7	15715	5.238		2661		17087	5.696		2669	
	5282		212			6450		211		
	5070		212			6239		210		
	4858		424			6029		421		
8	15210	5.070		3085		18718	6.239		3090	
	5467		214			6022		211		
	5253		212			5811		211		
	5041		426			5600		422		
9	15761	5.254		3511		17433	5.811		3512	
	5177		213			6373		213		
	4964		212			6160		211		
	4752		425			5949		424		
10	14893	4.964		3936		18482	6.161		3936	
		39.322					65.215			

F.B. 1380 PG. 150

FORM 379 SM 7-40

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G E DREIER Weather OVERCAST Inst. No. 50010
Notes by S SHINODA Time 10:00 - 10.50AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-8 To B.M. 13-12
Date 6-6-52
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
	5582	39.322 ✓	211	3.936 ✓		6187	65415 ✓	214	3.936 ✓	
	5371		211			5973		212		
	5160		422 ✓			5761		426 ✓		
11.	16113 ✓	5.371 ✓		4358 ✓		17921 ✓	5974 ✓		4362 ✓	
	2762		211			8023		214		SUMMATION OF RUN
	2551		211			7809		211		B.M. 13-8 TO B.M. 13-12
	2340		422 ✓			7598		425 ✓		
12.	7653 ✓	2551 ✓		4780 ✓		23430 ✓	7810 ✓		4787 ✓	
	5045		213			6620		213		TOTAL BACKSIGHTS +56.780 ✓
	4832		210			6407		214		~ FORESIGHTS -91.694 ✓
	4622 ✓		423 ✓			6193 ✓		427 ✓		
13.	14499 ✓	4.833 ✓		5203 ✓		19220 ✓	6.407 ✓		5214 ✓	DIFF. IN ELEVATION -34.914 ✓
	4972		269			6353		265		
	4703		270			6088		265		B.M. 13-12 (USS 57)
	4433 ✓		539 ✓			5823 ✓		530 ✓		SEE F.B. 1380, 142
14	14108 ✓	4.703 ✓		5742 ✓	69°	18264 ✓	6.088 ✓		5742 ✓	FOR DESCRIPTION
		56.780 ✓					91.694 ✓			

F.B. 1380 PG. 151

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:50 - 11:35 AM Rod No. 7 E 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-12 To BM 13-F
Date 6-6-52
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
	6293		264		#7	4916		268		BM 13-12 (U.S. 357)
	6029		264			4648		269		SEE F.B. 1380-142
	5765		528 ✓			4379		537		FOR DESCRIPTION
1.	18087 ✓	6.029 ✓		528 ✓	69°	13943 ✓	4.648 ✓		537 ✓	
	6658		215			5084		212		⊼ G.E. DREIER
	6443		212			4872		210		
	6231		427 ✓			4662		422 ✓		
2	19332 ✓	6.444 ✓		955 ✓		14618 ✓	4.873 ✓		959 ✓	
	7978		213			2718		214		
	7765		213			2504		211		
	7552		426 ✓			2293		425 ✓		
3	23295 ✓	7.765 ✓		1381 ✓		7515 ✓	2.505 ✓		1384 ✓	
	6250		213			5644		212		
	6037		214			5432		211		
	5823		427 ✓			5221		423 ✓		
4	18110 ✓	6.037 ✓		1808 ✓		16297 ✓	5.432 ✓		1807 ✓	
	6423		213			5226		214		
	6210		213			5012		213		
	5997		426 ✓			4800		426 ✓		
5.	18630 ✓	6.210 ✓		2234 ✓		15038 ✓	5.013 ✓		2235 ✓	
		32.485 ✓					22.471 ✓			

F.B. 1380 PG. 152

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 10:50-11:35AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-N To BM 13-P
Date 6-6-52
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
	6005	32.485	211	2.234		5450	22.471	212	2.233	
	5794		211			5238		212		
	5583		422			5026		424		
6	17382	5.794		2.656		15714	5.238		2.657	
	6471		211			5305		214		
	6260		211			5091		212		
	6049		422			4879		426		
7	18780	6.260		3.078		15275	5.092		3.083	
	5928		213			5470		211		
	5715		213			5259		211		
	5502		426			5048		422		
8	17145	5.715		3.504		15777	5.259		3.505	
	7157		211			2989		214		
	6946		212			2775		213		
	6734		423			2562		427		
9	20837	6.946		3.927		8326	2.775		3.932	
	7194		211			2752		212		
	6983		212			2540		212		
	6771		423			2328		424		
10	20948	6.983		4.350		7620	2.540		4.356	
		64.183					43.375			

F.B. 380 PG. 153

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:50 - 11:35 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-12 To BM 13-8
Date 6-6-52
Indexed J. 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
	7408	6.183	214	4350		2631	4.331	213	4356	
	7194		212			2418		212		
	6982		426			2206		425		
11	21584	7.195		4776		7255	2.418		4781	
	6411		214			2121		212		
	6197		214			1909		212		SUMMATION OF RUN
	5983		428			1697		424		BM 13-2 TO BM 13-8
12	18591	6.197		5204		5727	1.909		5205	
	7252		142			4371		142		
	7110		142			4229		145		TOTAL BACKSIGHTS +91.775
	6968		284			4084		287		- FORESIGHTS -56.872
13	21330	7.110		5488		12684	4.228		5492	DIFF. IN ELEVATION +34.903
	7220		130			5067		125		
	7090		130			4942		124		BM 13-8
	6960		260			4818		249		SEE F B 1379-123
14	21270	7.090		5748	64°	14827	4.942		5741	FOR DESCRIPTION
		91.775					56.872			

F.B. 1380 PG. 154

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. 50010
Notes by J. SHINODA Time 2:00 - 3:25 P.M. Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-12 To BM 13-14
Date 6-10-5[illegible]
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
	5131		211		#7	6443		212		BM 13-12 (U.S. 3357)
	4920		210			6231		213		SEE F.B. 1380-142
	4710		421 ✓			6018		425 ✓		FOR DESCRIPTION
1	14761 ✓	4.920 ✓		.421 ✓	76°	18692 ✓	6.231 ✓		.425 ✓	
	4580		211			6352		213		↑ G.E. DREIER
	4369		210			6139		211		
	4159 ✓		421 ✓			5928 ✓		424 ✓		
2	13108 ✓	4.369 ✓		.842 ✓		18419 ✓	6.140 ✓		.849 ✓	
	5033		146			5887		146		
	4887		148			5741		146		
	4739 ✓		294 ✓			5595 ✓		292 ✓		
3	14659 ✓	4.886 ✓		1.136 ✓		17223 ✓	5.741 ✓		1.141 ✓	
	5261		064			2891		064		
	5197		066			2827		066		
	5131 ✓		130 ✓			2761 ✓		130 ✓		
4	15589 ✓	5.196 ✓		1.266 ✓		8479 ✓	2.826 ✓		1.270 ✓	
										BM 13-13 (U.S. 2300)
										SEE F.B. 1380-143
										FOR DESCRIPTION
		19.371 ✓					20.938 ✓			

F.B. 1380 PG. 135

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. 50010
Notes by S. SHIMODA Time 2:00-3:25 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-12 To BM 13-14
Date 6-10-52
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
	2993	19.371	145	1.266		5982	20.938	148	1.271	
	2848		147			5834		145		
	2701		292			5689		293		
5	8542	2.847		1.558		17505	5.835		1.564	
	4780		211			5530		211		
	4569		210			5319		212		
	4359		421			5107		423		
6	13708	4.569		1.979		15956	5.319		1.987	
	5070		211			6173		213		
	4859		211			5960		212		
	4648		422			5748		425		
7	14577	4.859		2.401		17881	5.960		2.412	
	4808		210			5311		210		
	4598		211			5101		211		
	4387		421			4890		421		
8	13793	4.598		2.822		15302	5.101		2.833	
	4943		211			5750		214		
	4732		212			5536		214		
	4520		423			5322		428		
9	14195	4.732		3.245		16608	5.536		3.261	
		40.976					48.689			

F.B. 1380 PG. 156

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. 50010
Notes by S. SHINODA Time 2:00 - 3:25PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-12 To BM-14
Date 6-10-57
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5145	40.976	213	3.245		5878	48.689	213	3.261	
	4932		212			5665		213		
	4720		425			5452		426		
10	14797	4.932		5.670		16995	5.665		3.687	
	4316		216			6037		209		
	4100		217			5828		207		
	3883		433			5621		416		
11	12299	4.100		4103		17486	5.829		4103	
	4351		210			6227		215		
	4141		210			6012		213		
	3931		420			5799		428		
12	12423	4141		4523		18038	6.013		4531	
	6031		212			5903		212		
	5819		211			5691		211		
	5608		423			5480		423		
13	17458	5.819		4946		17074	5.691		4954	
	5107		213			6198		216		
	4894		211			5982		212		
	4683		424			5770		428		
14	14684	4895		5570		17950	5.983		5382	
		14863					17.870			

F.B. 1380 PG. 157

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. 50010
Notes by S. SHINODA Time 2:00 - 3:25 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-12 To BM 13-14
Date 6-10-52
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
	5061	4.863	211	5570		6220	7.870	213	5382	
	4850		210			6007		211		
	4640		421			5796		424		
15	14551	4.850		5791		18023	6.008		5806	
	4590		212			6493		215		
	4378		213			6278		213		
	4165		425			6065		428		
16	13133	4378		6216		18836	6.279		6234	
	4718		215			5912		210		
	4503		213			5702		209		
	4290		428			5493		419		SUMMATION OF RUN
17	13511	4504		6644		17107	5.702		6653	BM 13-12 TO BM 13-14
	5487		213			5479		220		
	5274		211			5259		220		TOTAL BACKSIGHTS +90.164
	5063		424			5039		440		FORESIGHTS -105.101
18	15824	5.275		7068		15777	5.259		7093	DIFF IN ELEVATION -14.937
	6572		279			4247		264		
	6293		275			3983		263		BM 13-14
	6018		554			3720		527		SEE F.B. 1380-144
19	18883	6.294		7622	77°	11950	3.983		7620	FOR DESCRIPTION
		90.164					105.101			

F.B. 1380 PG. 158

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 J. SHINODA Time 10:00-11:15AM Rod No. 7&8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-K To BM 13-12
Date 6-11-54
Indexed A. D. 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
	4228		264		#7	6550		280		B.M 13-14
	3964		262			6270		280		SEE F.B. 1380, 144
	3702		526			5990		560		FOR DESCRIPTION
1	11894	3.965		526	68°	18810	6.270		560	
	5460		223			5458		208		↑ E. LANDA
	5237		227			5250		205		
	5010		450			5045		413		
2	15707	5.236		976		15753	5.251		973	
	5870		212			4665		213		
	5658		213			4452		211		
	5445		425			4241		424		
3	16973	5.658		1401		13358	4.453		1397	
	6469		214			4568		213		
	6255		213			4355		212		
	6042		427			4143		425		
4	18766	6.255		1828		13066	4.355		1822	
	6168		213			5002		211		
	5950		210			4791		211		
	5740		423			4580		422		
5	17853	5.951		2251		14373	4.791		2244	
		27.065					25.120			

F.B. 1380 PG. 145

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 10:00 - 11:15 AM Rod No. 7 E 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 13-14 To BM 13-12
Date 6-11-52
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
	6145	27.065	217	2251		5050	25.20	213	2244	
	5928		215			4837		213		
	5713		432			4624		426		
6	17786	5.929		2683		14511	4.837		2670	
	5855		213			5979		211		
	5642		211			5768		215		
	5431		424			5553		426		
7	16928	5.643		3107		17300	5.767		3096	
	6158		217			4275		212		
	5941		213			4063		209		
	5728		430			3854		421		
8	17827	5.942		3537		12192	4.064		3517	
	5988		208			4262		215		
	5780		208			4047		215		
	5572		416			3832		430		
9	17340	5.780		3953		12141	4.047		3947	
	5833		215			5101		213		
	5618		213			4888		212		
	5405		428			4676		425		
10	16856	5.619		4381		14665	4.888		4372	
		55.978					48.723			

F.B. 1380 PG. 60

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 10:00-11:15AM Rod No. 768

Name L. A. CO. PRECISE LEVEL NET
Job No. 4713
From BM 13-14 To BM 13-12
Date 6-11-52
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
	5772	5.597	213	4391		4962	4.723	212	4372	
	5559		214			4750		210		
	5345		427			4540		422		
11	16676	5.559		4808		14252	4.751		4794	
	5310		210			4808		212		
	5100		210			4596		214		
	4890		420			4382		426		
12	15300	5.100		5228		13786	4.595		5220	
	5657		215			4552		214		
	5442		212			4338		213		
	5230		427			4125		427		
13	16329	5.443		5655		13015	4.338		5647	
	5252		212			4502		211		
	5040		210			4291		211		
	4830		422			4080		422		
14	15122	5.041		6077		12873	4.291		6065	
	5892		145			2900		148		
	5743		148			2752		144		
	5595		297			2608		292		
15	17230	5.743		6374		8260	2.753		6364	
		23.840					9.451			

F.B. 1320 PG. 46

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. 50010
Notes by S. SHIMODA Time 10:00-11:15 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-14 To BM 13-12
Date 6-11-52
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
		82.864		6374			6.2251		6361	BM 13-13 (U.S. 2600) SEE F.B. 1380-143 FOR DESCRIPTION
	3018		067			5386		066		
	2951		065			5326		065		
	2885		130			5255		131		
16	8857	2952		6504		15961	5320		6492	
	5910		145			5065		146		
	5775		145			4919		148		SUMMATION OF RUN BM 13-14 TO BM 13-12
	5630		190			4771		294		
17	17325	5775		6794		14755	4918		6786	
	6339		213			4572		212		
	6126		213			4360		210		TOTAL BACKSIGHTS +103.830
	5913		426			4150		422		- FORESIGHTS - 88.853
18	18378	6126		7220		13082	4361		7208	DIFF. IN ELEVATION +14.977
	6324		211			5018		216		
	6113		210			4802		214		BM 13-12 (U.S. 357) SEE F.B. 1380-142 FOR DESCRIPTION
	5903		421			4588		430		
19	18340	6113		7414	70°	14408	4803		7638	
		103.830					88.853			

F.B. 1380 PG. 162

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. 50010
Notes by S SHINODA Time 1:15-2:20 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-13 To BM 13-14
Date 6-11-52
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
	2886		145		#7	5875		149		BM 13-13 (U.S.C.&G.S.)
	2741		146			5726		147		SEE F.B. 1390-M.C.
	2595		291			5579		296		FOR DESCRIPTION
1	8222	2741		291	74°	17180	5727		296	
	4497		214			5261		209		& E. LANDA
	4283		213			5052		212		
	4070		427			4840		421		
2	12850	4283		718		15153	5051		717	
	4942		214			6023		213		
	4728		215			5810		212		
	4513		429			5598		425		
3	14183	4728		1147		17431	5810		1142	
	4772		211			5278		215		
	4561		211			5063		217		
	4350		422			4846		432		
4	13683	4561		1569		15187	6062		1574	
	5015		213			5822		215		
	4802		210			5607		214		
	4591		423			5393		429		
5	14409	4803		1992		16822	5607		2093	
		21116					27257			

F.B. 1390 PG. 163

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. 50010
Notes by J. SHINODA Time 1:15-2:20P Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-13 To BM 13-14
Date 6-11-52
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
	5078	21.116	215	1.992		5803	27.557	213	2.005	
	4863		211			5590		210		
	4652		426			5380		423		
6	14593	4.864		2418		16773	5.591		2426	
	4380		212			6108		213		
	4168		213			5895		211		
	3955		425			5684		424		
7	12503	4.168		2843		17687	5.896		2850	
	4290		212			6164		214		
	4078		210			5950		213		
	3868		422			5737		427		
8	12236	4.079		3265		17851	5.950		3277	
	6018		215			5888		211		
	5803		211			5677		213		
	5592		426			5464		424		
9	17413	5.804		3694		17029	5.676		3701	
	5053		214			6140		212		
	4839		216			5928		211		
	4623		430			5717		423		
10	14515	4.838		4121		17785	5.928		4124	
		44.869					56.198			

F.B. 1390 PG. 164

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. 50010
Notes by S. SHINODA Time 1:15-2:20 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-13 To B.M. 13-14
Date 6-11-52
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
	4974	44.869	213	4.121		6155	56.298	214	4.124	
	4761		212			5921		213		
	4519		425			5708		427		
11.	14284	4.761		4546		17764	5.921		4551	
	4579		211			6480		214		
	4368		213			6266		216		
	4155		424			6050		430		
12.	13102	4.367		4970		18796	6.265		4981	
	4668		212			5868		214		
	4456		211			5654		212		SUMMATION OF RUN
	4245		423			5442		426		B.M. 13-13 TO B.M. 13-14
13.	13369	4.456		5393		16964	5.655		5407	
	5487		217			5470		217		
	5270		215			5253		213		TOTAL BACKSIGHTS + 70.007
	5055		432			5040		430		" FORESIGHTS - 13.377
14.	15812	5.271		5825		15763	5.254		5837	DIFF. IN ELEVATION = 13.370
	6560		278			4250		267		
	6282		274			3983		265		BM 13-14
	6008		5522			3718		5532		SEE F.B. 1380, 144
15.	18850	6.283		6377	77°	11951	3.984		6369	FOR DESCRIPTION
		70.007					83.377			

F.B. 1380 PG. 165

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. 50010
Notes by S. SHINODA Time 2:35 - 3:25 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-14 To BM 13-13
Date 6-11-52
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
	4210		265		#7	6520		273		BM 13-14
	3945		267			6247		275		SEE F.B. 1380-144
	3678		532			5972		548		FOR DESCRIPTION
1	11833	3.944		.532	77°	18739	6.246		.548	
	5455		219			5465		213		↑ G. E. DREIER
	5236		218			5252		210		
	5018		437			5042		423		
2	15709	5.236		.969		15759	5.253		.971	
	5852		212			4650		211		
	5640		210			4439		212		
	5450		422			4227		423		
3	16922	5.641		1391		13316	4.439		1394	
	6453		213			4550		210		
	6240		217			4340		212		
	6023		430			4128		422		
4	18716	6.239		1.821		13018	4.339		1.816	
	6163		212			5002		212		
	5951		211			4790		210		
	5740		423			4580		422		
5	17854	5.951		2.244		14372	4.791		2.238	
		27.011					25.068			

F.B. 1380 PG. 146

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. 50010
Notes by S. SHINODA Time 2:35-3:25 PM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-14 To BM 13-13
Date 6-11-52
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
	6108	27.011	216	2.244		5057	25.068	215	2.238	
	5932		212			4842		212		
	5720		428			4630		427		
6.	17800	5933		2672		14529	4.843		2665	
	5839		210			5965		213		
	5629		211			5752		214		
	5418		421			5538		427		
7.	16886	5.629		3.093		17255	5.758		3.092	
	6135		215			4261		213		
	5920		212			4048		209		
	5708		427			3839		422		
8.	17763	5.921		3.520		12148	4.049		3514	
	6092		213			4362		212		
	5879		211			4150		212		
	5668		424			3938		424		
9	17639	5.880		3944		12450	4.150		3938	
	5792		214			5067		214		
	5578		214			4853		213		
	5364		428			4640		427		
10.	16734	5.578		4372		14560	4.853		4365	
		55952					48718			

F.B. 1383 PG. 167

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. 50010
Notes by S SHINODA Time 2:35-3:25 P.M. Rod No. 7&9

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-14 To 13-13
Date 6-11-52
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
	5740	55.552	215	4.372		4930	4.718	210	4.365	
	5525		214			4720		214		
	5311		429			4508		424		
12.	16576	5.525		4.801		14158	4.719		4.789	
	5293		218			4788		210		
	5078		211			4578		210		
	4867		429			4368		420		
12.	15238	5.079		5.227		13734	4.578		5.207	
	5993		214			4910		214		
	5779		215			4696		214		
	5564		429			4482		428		SUMMATION OF RUN
13.	17336	5.779		5.656		14088	4.696		5.639	BM 13-14 TO BM 13-13
	5218		212			4452		211		
	5006		209			4241		213		TOTAL BACKSIGHTS + 83.125
	4797		421			4028		424		~ FORESIGHTS - 69.748
14	15021	5.007		6.077		12721	4.240		6.059	DIFF. IN ELEVATION + 13.378
F.B. 1380 PG. 168	5930		148			2942		149		
	5782		144			2793		145		BM 13-13 (U.S. 2600)
	5638		292			2648		294		SEE F.B. 1380-143
15.	17350	5.783		6.365	77°	8383	2.794		6.353	FOR DESCRIPTION
		83.125					69.748			

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. SHIMODA Time 9:30-10:05AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-14 To BM 13-15
Date 6-12-52
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
	7622		215		#7	2779		218		BM 13-14
	7407		215			2561		217		SEE F.B. 1380-144
	7192		430			2344		435		FOR DESCRIPTION
1	22221	7.407		430	68°	7684	2.561		435	
	8093		212			2718		214		⊼ G.E. Dreier
	7881		212			2504		212		
	7669		424			2292		426		
2	23643	7.881		854		7514	2.505		FC 1.	
	8531		212			3736		215		
	8319		212			3521		213		
	8107		424			3308		428		
3	24957	8.319		1278		10565	3.522		1289	
	6421		213			4615		213		
	6208		213			4402		213		
	5995		426			4189		426		
4	18624	6.208		1704		13206	4.402		1715	
	4650		211			7747		213		
	4439		210			7534		212		
	4229		421			7322		425		
5	13318	4.439		1126		22603	7.534		2140	
		34.254					20.524			

F.B. 1380 PG. 142

FORM 278 BM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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 9:30 - 10:05 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-14 To BM 13-15
Date 6-12-52
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
	1239	34.254	212	2.125		9900	20.524	212	2.120	
	1027		212			9688		211		
	0815		424			9477		423		
6	30811	10217		2549		29065	9.508		2563	
	1393		212			8240		211		
	1181		212			8029		210		
	0969		424			7819		421		
7	35431	1.181		2973		24088	8.029		2984	
	5798		215			11732		211		
	5583		213			11521		210		SUMMATION OF RUN
	5370		428			11311		421		BM 13-14 TO BM 13-15
8	16751	5584		3401		34564	11.521		3405	
	0925		213			8990		211		
	0712		213			8779		211		TOTAL BACKSIGHTS +45.763
	0499		426			8568		422		- FORESIGHTS - 45.617
9	21361	0.712		3827		26337	1.779		3827	DIFF. IN ELEVATION - 19.854
	3217		213			7290		214		
	3004		211			7076		214		BM 13-15 (La Verne A 12 C)
	2793		424			6862		428		See F.B. 1380-145
10	90141	3.005		4251		21228	7.076		4255	For Description
		45.763					45.617			

F.B. 1380 PG. 170

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. 50010
Notes by S. SHINODA Time 1.45 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 13-15 To BM 13-14
Date 6-12-52
Indexed K O Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7310		211		#7	3244		212		BM 13-15 (LA VERNE A-12C)
	7099		211			3032		212		SEE F.B. 1380-145
	6888		422 ✓			2820		424 ✓		FOR DESCRIPTION
1	21297 ✓	7.099 ✓		422 ✓	70°	9096 ✓	3.032 ✓		424 ✓	
	8959		211			0893		211		
	8748		209			0682		212		⊼ G.E DREIER
	8539		420 ✓			0470		423 ✓		
2	26246 ✓	8.749 ✓		842 ✓		2045 ✓	0.682 ✓		847 ✓	
	11691		213			5751		212		
	11478		215			5539		214		
	11263		428 ✓			5325 ✓		426 ✓		
3	34432 ✓	11.477 ✓		1270 ✓		16615 ✓	5.538 ✓		1273 ✓	
	8150		212			1302		212		
	7938		211			1090		212		
	7727 ✓		423 ✓			0878 ✓		424 ✓		
4	23815 ✓	7.938 ✓		1698 ✓		3270 ✓	1.090 ✓		1699 ✓	
	9900		213			1238		213		
	9687		213			1025 ✓		213		
	9474 ✓		426 ✓			0812 ✓		426 ✓		
5	29061 ✓	9.687 ✓		2119 ✓		3075 ✓	1.025 ✓		2123 ✓	
		44.950 ✓					11.367 ✓			

F.B. 1380 PG. 171

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 8:45-9:30 A.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-15 To BM 13-14
Date 6-12-52
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
	7724	44950	213	2119		4631	11567	212	2128	
	7511		212			4419		212		
	7299		425			4207		424		
6	22534	7511		2544		13257	4419		2547	
	4528		215			6330		213		
	4313		212			6117		212		
	4101		427			5905		425		
7	12942	4314		2971		18352	6117		2972	
	3822		214			8619		212		
	3608		212			8407		211		SUMMATION OF RUN
	3396		422			8196		423		BM 13-15 TO BM 13-14
8	10826	3609		3397		25222	8407		3395	
	2527		214			7901		212		
	2313		212			7689		212		TOTAL BACKSIGHTS + 65.244
	2101		426			7477		424		" FORESIGHTS - 45.391
9	6941	2314		3823		23067	7689		3819	DIFF. IN ELEVATION + 19.853
	9762		216			7607		216		
	2546		217			7391		213		BM 13-14
	2329		433			7178		429		SEE F.B. 1380-144
F.B. 1380 PG. 172 10	7637	2546		4256		22176	7392		4248	FOR DESCRIPTION
		65244					45391			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:30-3:30 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-15 To BM 13-18
Date 6-6-52
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
	5880		210		#7	5200		212		BM 13-15 (LA VERNE A-12C)
	5670		212			4988		213		SEE F.B. 1380-145
	5458		422			4775		425		FOR DESCRIPTION
1	17008	5.669		422	68°	14963	4988		425	
	5860		213			4803		215		E. LANDA
	5647		214			4588		213		
	5433		427			4375		428		
2	16940	5.647		849		13766	4589		853	
	6208		270			8073		329		
	5938		268			7744		329		
	5670		538			7415		658		
3	17816	5.939		1387		23232	7.744		1511	
		17.255					17.321			BM 13-16 (LA VERNE A-12B)
										SEE F.B. 1380-145
										FOR DESCRIPTION
	3097		239			9324		184		F.B. 1380 PG. 173
	2858		237			9140		187		
	2621		476			8953		371		
4	8576	2.859		1.863		27417	9.139		1.882	
		20.114					26.460			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:30-3:30 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-15 To BM 13-18
Date 6-6-52
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
	1077	10.114	215	1.863		9636	10.160	215	1882	
	0862		212			9421		211		
	0650		427			9210		426		
5	2589	0863		1290		28267	9.422		2308	
	1023		184			9888		186		
	0839		184			9702		182		
	0655		368			9520		368		
6	2517	0839		2.658		29110	9.703		2.676	
	1060		189			9882		179		
	0871		190			9703		178		
	0681		379			9526		357		
7	2612	0.871		3037		29110	9.703		3033	
	1683		183			7203		183		
	1500		185			7020		183		
	1315		368			6837		366		
8	4498	1.499		3405		21060	7.020		3399	
	4310		238			8223		238		
	4072		237			7985		234		
	3835		475			7751		472		
9	12217	4.072		3.180		23959	7.786		3874	
		28.258					70.294			

F.B. 1390 PG. 174

FORM 379 SM 7-40

PLEASE RETURN TO
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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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:30 - 3:30 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-5 To B.M. 13-18
Date 6-6-52
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
		28.258		3880			70.294		3.871	B.M 13-17 SEE F.B 1380-146 FOR DESCRIPTION
	3625		211			7959		213		
	3414		209			7746		213		
	3205		420			7533		426		
10.	10244	3.415		4300		23238	7.746		4297	
	4025		213			7520		215		
	3812		210			7305		213		
	3602		423			7092		428		
11	11439	3.813		4723		21917	7306		4725	
	3380		212			7812		213		
	3168		213			7599		211		
	2955		425			7388		424		
12	9503	3.168		5148		22799	7.600		5149	
	3675		167			6575		169		
	3508		168			6406		168		
	3340		335			6238		337		
13	10523	3.508		5483		19219	6.406		5486	
		42.162					99.352			

F.B. 1380 PG. 125

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:30 - 3:30 Rod No. 7 & 8

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From BM 13-15 To BM 13-18
Date 6-6-52
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
	3168	42.162	168	6483		7199	99352	168	6486	
	3000		168			7031		168		
	2832		336			6863		330		BM 13-18
										SEE F.B. 1380 - 147
14	9000	3.000		5819	69°	21093	7.031		5.822	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 13-15 TO BM 13-18
										TOTAL BACKSIGHTS +45.162
										FORESIGHTS -106.383
										DIFF. IN ELEVATION -61.221
F.B. 1380 PG. 176										
		45.162					106.383			

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 2:30 - 3:30 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-18 To BM 13-15
Date 6-6-52
Indexed J 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
	7240		168		#7	3209		168		BM 13-18
	7072		165			3041		166		SEE F B 1380-147
	6907		333 ✓			2875		334 ✓		FOR DESCRIPTION
1	21219 ✓	7.073 ✓		333 ✓	69°	9125 ✓	3.042 ✓		334 ✓	
	6452		171			3552		168		↑ E LANDA
	6281		168			3384		167		
	6113		339 ✓			3217		335 ✓		
2	18846 ✓	6282 ✓		.672 ✓		10153 ✓	3.384 ✓		669 ✓	
	7750		213			3318		211		
	7537		212			3107		210		
	7325		425 ✓			2897		421 ✓		
3	22612 ✓	7.537 ✓		1.097 ✓		9322 ✓	3.107 ✓		1.090 ✓	
	7162		214			3670		212		
	6948		213			3458		214		
	6735		427 ✓			3244		426 ✓		
4	20845 ✓	6.948 ✓		1.524 ✓		10372 ✓	3.457 ✓		1.516 ✓	
	7559		211			3225		212		
	7348		213			3013		211		
	7135		424 ✓			2802		423 ✓		
5	22042 ✓	7.347 ✓		1.948 ✓		9040 ✓	3.013 ✓		1.939 ✓	
		35.187 ✓					16.003 ✓			

F.B. 1380 PG. 177

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:30 - 3:30 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-18 To BM 13-15
Date 6-6-52
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
		35.187		1.948			16.503		1.939	
										BM 13-17
										SEE F.B. 1380-146
										FOR DESCRIPTION
	8218		238			4310		240		
	2980		237			4070		237		
	7743		475			3833		477		
6	23941	7.980		2423		12213	4.071		2416	
	7149		184			1629		184		
	6965		185			1445		183		
	6780		369			1262		367		
7.	20894	6.965		2791		4336	1.445		2783	
	10168		186			1337		186		
	9982		183			1151		183		
	9799		369			0968		369		
8.	29949	9.983		3161		3456	1.152		3152	
	10043		185			1178		183		
	9858		186			0995		185		
	9672		371			0810		368		
9.	29573	9.858		3532		2983	0.994		3520	
		69.973					23.665			

F.B. 1380 PG. 178

FORM 379 SM 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:30-3:30 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-18 To BM 13-16
Date 6-6-52
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
	9763	9.973	213	3.532		1207	23.665	213	3.529	
	9550		211			0994		212		
	9339		424			0782		425		
10.	28652	9.551		3956		2983	0.994		3.945	
	10002		212			3718		210		
	9790		210			3508		210		
	9580		422			3298		420		
11.	29372	9.791		4378		10524	3.508		4365	
		89.315					28.167			B.M. 13-16 (LAVERNE A-12 B) SEE F.B. 1380-125 FOR DESCRIPTION
	7936		301			6137		299		
	7636		298			5838		298		
	7337		599			5540		597		
12.	22908	7.636		4977		17515	5.838		4962	
	4897		214			5961		214		
	4683		211			5747		215		
	4472		425			5532		429		
13.	14052	4.684		5402		17240	5.747		5394	
		101.635					39.752			

F.B. 1380 PG. 122

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:30-3:30 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-18 To BM 13-15
Date 6-6-52
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
	5413	101.635	211	5.402		6110	55.752	214	5.394	
	5202		211			5896		213		BM 13-15 (LAVERNE A-12C)
	4991		422			5683		427		SEE FB 1380-145
14	15606	5.202		5.824		17689	5.896		5.818	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 13-18 TO BM 13-15
										TOTAL BACKSIGHTS +106.837
										FORESIGHTS - 45.648
										DIFF. IN ELEVATION + 61.189
		106.837					45.648			

F.B. 1380 PG. 180

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 11:35 - 11:50 AM Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-15 To BM 13-16
Date 6-10-52
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
	5916		213		#7	5221		212		BM 13-15 (LAVERNE A-12C)
	5703		211			5009		211		SEE FB 1380-125
	5492		424			4798		423		FOR DESCRIPTION
1	17111	5.704		424	80°	15028	5.009		423	
	5838		215			4780		215		↑ E LANDA
	5623		211			4565		213		
	5412		426			4352		428		
2	16873	5.624		850		13697	4.566		851	
	6148		296			7952		303		
	5852		297			7649		301		BM 13-16 (LAVERNE A-12B)
	5555		593			7348		604		SEE FB 1380-125
3	17555	5.852		1443		22949	7.650		1455	FOR DESCRIPTION
										SUMMATION OF BM
										BM 13-15 TO BM 13-16
										TOTAL BACKSIGHTS + 17.180
										FORESIGHTS - 17.225
										DIFF IN ELEVATION = 0.045
		17.180					17.225			

F.B. 1380 PG. 121

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. 1380 PG. 182										

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 9:10- Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-18 To BM 11-44
Date 6-10-52
Indexed E.C. Jamison

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
	7668		210		#7	3990		214		BM 13-18
	7458		209			3776		215		SEE F.B. 1380-47
	7249		419 ✓			3561		429 ✓		FOR DESCRIPTION
1	12375 ✓	7.458 ✓		419 ✓	69°	11327 ✓	3.770 ✓		429 ✓	
	7443		214			3312		211		⊼ E. LANDA
	7229		215			3101		209		
	7014		429 ✓			2892		420 ✓		
2	21686 ✓	7.229 ✓		848 ✓		9305 ✓	3.102 ✓		849 ✓	
	7778		215			2665		212		
	7563		211			2453		213		
	7352		426 ✓			2240		426 ✓		
3	22693 ✓	7.564 ✓		1274 ✓		7358 ✓	3.453 ✓		1274 ✓	
	7903		213			3970		213		
	7690		212			3757		214		
	7478		425 ✓			3543		427 ✓		
4	23071 ✓	7.690 ✓		1699 ✓		11270 ✓	3.757 ✓		1.701 ✓	
	6989		230			5661		226		
	6759		229			5435		225		
	6530		459 ✓			5210		451 ✓		
5	20278 ✓	6.759 ✓		2.158 ✓		16306 ✓	5.435 ✓		2.152 ✓	
		36.700 ✓					18.523 ✓			

F.B. 1380 PG. 85

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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 9:10 - 10:00 A.M. Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-18 To BM 11-44
Date 6-10-52
Indexed A. C. Johnson

F.B. 1380 PG. 184

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
		36.700		2.158			18.525		2.152	
										BM 13-19
										SEE F.B. 1380-148
										FOR DESCRIPTION
	8040		156			1269		154		
	7884		153			1115		154		
	7731		309			0761		308		
6	23655	7.885		2467		3345	1.115		2460	
	10336		161			0538		160		
	10175		157			0378		158		
	10018		318			0220		318		
7	30529	10.176		2785		1136	0.379		2778	
	9679		131			1284		132		
	9548		131			1152		131		
	9417		262			1021		263		
8	28644	9.548		3047		3457	1.152		3041	
	9090		132			2659		132		
	8958		131			2527		131		
	8827		263			2396		263		
9	26875	8.958		3310		7582	2.527		3304	
		26.267					23.696			

FORM 379 SM 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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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 9:10-10:00 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 13-18 To BM 11-44
Date 6-10-52
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
	8833	73.267	153	3.310		2506	23.696	155	3.304	
	8680		152			2351		152		
	8528		305			2199		307		
10	26041	8.680		3.615		7056	23.520		3.611	
	8278		151			5330		148		BM 11-44
	8127		149			5182		150		SEE F.B. 1376 PG 42
	7978		300			5032		298		FOR DESCRIPTION
11	24383	8.128		3.915		15544	5.181		3.909	
										SUMMATION OF RUN
										BM 13-18 TO BM 11-44
										TOTAL BACKSIGHTS + 90.075
										~ FORESIGHTS - 31.229
										DIFF. IN ELEVATION + 58.846
		90.075					31.229			

F.B. 1380 PG. 185

FORM 379 SM 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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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 10:00 - 10:50 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-44 To B.M. 13-18
Date 6-10-52
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
	5360		150		#7	8301		150		B.M. 11-44
	5210		149			8151		149		SEE F.B. 1376-42
	5061		299 ✓			8002		299 ✓		FOR DESCRIPTION ✓
1.	15631 ✓	5210 ✓		299 ✓	71°	24454 ✓	8151 ✓		299 ✓	
	2539		152			8871		154		
	2387		155			8717		155		
	2232 ✓		307 ✓			8562 ✓		309 ✓		
2	7158 ✓	2386 ✓		606 ✓		26150 ✓	8717 ✓		608 ✓	
	2624		131			9050		132		
	2493		133			8918		132		
	2360 ✓		264 ✓			8786 ✓		264 ✓		
3	7477 ✓	2492 ✓		870 ✓		26754 ✓	8918 ✓		872 ✓	
	1258		134			9659		131		
	1124		132			9528		131		
	0992 ✓		266 ✓			9397 ✓		262 ✓		
4	3374 ✓	1125 ✓		1136 ✓		28584 ✓	9528 ✓		1134 ✓	
	0605		156			10420		161		
	0449		158			10259		160		
	0311 ✓		314 ✓			10099 ✓		321 ✓		
5	1405 ✓	0468 ✓		1450 ✓		30778 ✓	10259 ✓		1455 ✓	
		11681 ✓					45573 ✓			

F.B. 1380 PG. 186

FORM 379 5M 7-40

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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 10.00-10.50 AM Rod No. 7&8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-44 To BM 13-18
Date 6-10-52
Indexed [illegible] 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
	1368	11.681	156	1.450		8140	45.573	155	1.455	
	1212		152			7985		154		
	1060		308			7831		309		
6	3640	1.213		1.758		23956	7.985		1.764	
		12.894					53.558			
										BM 13-19
										SEE F.B. 1380-148
										FOR DESCRIPTION
	5716		225			7040		230		
	5491		223			6810		231		
	5268		448			6579		461		
7	16475	5.492		2.206		20429	6.810		2.225	
	3985		215			7910		210		
	3770		217			7700		207		
	3553		432			7493		417		
8	11308	3.769		2.638		23103	7.701		2.642	
	2661		212			7775		214		
	2449		211			7561		210		
	2238		425			7351		424		
9	7348	2.449		3.061		22687	7.562		3.066	
		24.604					75.631			

F.B. 1380 PG. 187

FORM 379 SM 7-40

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700 HALL OF RECORDS

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:00 - 10:50 AM Rod No. 7 & 8

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4723
From B.M. 11-44 To B.M. 13-18
Date 6-10-52
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
	3298	2.604	214	3.061		7423	7.531	211	3.066	
	3084		212			7212		211		
	2872		426			7001		422		
10.	9254	3.085		3487		21636	7.212		3488	
	3963		213			7639		210		
	3750		212			7429		209		BM 13-18
	3538		425			7220		419		SEE F.B. 1380-147
11	11251	3.750		3912	72°	22288	7.429		3907	FOR DESCRIPTION
										SUMMATION OF RUN BM 11-44 TO BM 13-18
										TOTAL BACKSIGHTS +31.489
										" FORESIGHTS -90.272
										DIFF. IN ELEVATION -58.833
		31.439					90.272			

F.B. 1380 PG. 188

FORM 379 SM 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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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 1:20 - 2:10 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 13-18 To BM 11-44
Date 6-12-52
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
	7538		208		#7	3860		212		
	7330		210			3648		213		BM 13-18
	7120		418 ✓			3435		425 ✓		SEE F.B. 1380, 147
1	21988 ✓	7.329 ✓		.418 ✓	77°	10943 ✓	3.648 ✓		.425 ✓	FOR DESCRIPTION
	7463		211			3340		212		
	7252		211			3128		213		T. E. LANDA
	7041		422 ✓			2915 ✓		425 ✓		
2	21756 ✓	7.252 ✓		.840 ✓		9383 ✓	3.128 ✓		.850 ✓	
	7761		212			2648		213		
	7549		211			2435		212		
	7338		423 ✓			1223 ✓		425 ✓		
3	22648 ✓	7.549 ✓		1.263 ✓		7306 ✓	2.435 ✓		1.275 ✓	
	7894		213			3961		212		
	7681		211			3749		211		
	7470		424 ✓			3538 ✓		423 ✓		
4	23045 ✓	7.682 ✓		1.687 ✓		11248 ✓	3.749 ✓		1.698 ✓	
	7012		230			5683		225		
	6782		232			5458		226		
	6550		462 ✓			5232 ✓		451 ✓		
5	20344 ✓	6.781 ✓		2.149 ✓		16373 ✓	5.458 ✓		2.149 ✓	
		36.593 ✓					18.418 ✓			

F.B. 1380, PG. 182

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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 1:20 - 2:10 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 13-18 To B.M. 11-44
Date 6-12-52
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
		36.593		2.149			18.318		2.149	B.M. 13-19 SEE F.B. 1380 - 148 FOR DESCRIPTION
6.	8106 7952 7800 23858	7.953	154 152 306	2.455		1338 1181 1029 3548	1.183	156 153 309	2.458	
7	9400 9245 9090 27735	9.245	155 155 310	2.765		0508 0383 0260 1151	0.384	125 123 248	2.706	
8	10110 9961 9815 29886	9.962	149 146 295	3.060		0773 0630 0485 1888	0.629	143 145 288	2.994	
9	8693 8579 8462 25734	8.578	114 117 231	3.291		2297 2150 2000 6447	2.149	147 150 297	3.291	
		72.331					22.763			

F.B. 1380 PG. 190

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. 50010
Notes by S. SHINODA Time 1:20-2:10 PM Rod No. 768

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 13-18 To BM 11-44
Date 6-12-52
Indexed J. 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
	8837	72331	155	3.291		2510	22763	155	3.291	
	8682		152			2355		155		
	8530		307			2200		310		
10	25049	8.683		3.598		7065	23555		3601	
	8248		150			5301		149		BM 11-44
	8098		149			5152		150		SEE FB 376-42
	7949		299			5002		299		FOR DESCRIPTION
11	24295	8.098		3.897	80°	15455	5152		3900	
										SUMMATION OF RUN BM 13-18 TO BM 11-44
										TOTAL BACKSIGHTS = 89.112
										- FORESIGHTS = 30.270
										DIFF. IN ELEVATION = +58.842
		89.112					30.270			

F.B. 380 PG. 191

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
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. 1380 PG. 192

Geo:

When you get out in the eastern sec. of the Co. take care of this.

Better make a quickie 2d order run from nearest B.M. to make sure 13-14 was not disturbed.

ELEV. IS OK. BY 2nd ORDER

G.E.D.

LEVEL NOTES 1380-193, 194, 195

76M1548---DPW 787---2-57

MEMORANDUM
COUNTY ENGINEER
LOS ANGELES, CAL.

2-19-59 195

FROM: A.C. Johnson

TO: A. E. Dunn (% Evans)

SUBJECT: Co. Precise Bench Monuments.

Ina La Verne

The Precise BM 13-14 at Bonita and Glenfield seems to be intact, but the cover and sleeve have been removed due to construction which is now finished. Please replace cover in order that the mon may be found for usage.

Line #13 - F.B. 1360-144

(over)

NOTES RED. JOB NO 0301.02 SURVEY OF L.A.Co. PRECISE LEVEL NET F. B. 1380 Pg. 193

DATE SURVEY BY G.E. DREIER

NOTES CHKD. NOTES BY G.E.D. DATE 4-14-59

DATE INDEXED C. Johnson DATE 4-30-59

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						L.A.Co. PRECISE LEVEL NET
						JOB NO 0301.02
						LEVEL NOTES TO CHECK FOR DISTURBANCE OF B.M. 13-14 (ORIGINAL ELEV. O.K.) DREIER, G.E. GUIZADO, A.C. OHASHI, T ALWIN, G.P.

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.

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

765420 S & E.353 4-54

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. 13-14	1033.161					B.M. 13-14 ELEV. 1033.161 1952 ADJ. F.B. 1380-144
+	7.072		6958			LAVERNE, 4th St (Bonita Ave) & Glenfield
⊼	1040.233	+3.954	+3.956			Ave, N.E. Cor., A std C.S. MON. MARKED
−	3.118		3002			"BM 13-14 1952 RE63" set in conc. 9"
T.P.	1037.115					Below top of cb., 8.2' N'ly of W'ly
+	7.890		7.721			prolongation of N. cb. of 4th St & 30.7'
⊼	1045.005	+4.703	+4.704			E'ly from the S'ly prolongation of E. cb
−	3.187		3.017			of Glenfield Ave
T.P	1041.818					
+	8.141		8.026			
⊼	1049.959	+4.890	+4.893			
−	3251		3.133			
T.P.	1046.708					2ND ORDER
+	6.940		6.834			
⊼	1053.648	+2.242	+2.243			
−	4.698		4.591			
T.P.	1048.950					
+	6.361		6.193			
⊼	1055.311	+0.378	+0.376			
−	5.983		5.817			
T.P	1049.328					
+	4.322		4.421			
⊼	1053.650	-3.601	-3.601			
−	7.923		8.022			
T.P.	1045727					
+	0.953		1.051			
⊼	1046680	-7.590	-7.591			
−	8.543		8642			
T.P	1038137					

JOB NO. 0302.01 SURVEY OF L.A. Co. Precise Level Net NOTES RED.
SURVEY BY G.E. Dreier DATE
NOTES BY G.E.D. DATE 4-14-59 NOTES CHKD.
INDEXED C. Johnson DATE DATE

F.B. 1380 PG. 194

76S420 S & E-353 4-54

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1038.137					
+	1.092		1.260			
⊼	1039.229	-6.661	-6.658			
−	7.753		7.918			
T.P.	1031.476					
+	5.510		5.627			
⊼	1036.986	-3.220	-3.221			
−	8.730		8.848			
T.P.	1028.256					
+	0.28[illegible]		0.303			
⊼	1028.537	-8.[illegible]	-8.111			
−	8.392		8.414			
T.P.	1020.145					
+	2.438		2.537			
⊼	1022.583	-4.762	-4.762			
−	7.200		7.299			
T.P.	1015.383					
+	4.912		4.812			
⊼	1020.295	-2.085	-2.083			
−	6.997		6.895			
B.M. 13-15	1013.298					BM 13-15 ELEV = 1013.311 (1952 Adj.) FB 1380-15 Bonita Ave & San Dimas Canyon Rd. Los Angeles County Survey Control Traverse Station "La Verne A-12C" a hand hole protected by a cast iron cover 5'± west of & 15'± North of approx. ℄ int.

This run is O.K. 1 Mo. 59 C.R.G.

NOTES RED. ____ JOB NO. 0302.01 SURVEY OF L.A. Co. Precision Level Net
DATE ____ SURVEY BY G.E. DREIER
NOTES CHKD. ____ NOTES BY G.E.D. DATE 4-14-59
DATE ____ INDEXED L. C. Johnson DATE ____

F. B. 1380 PG. 195

F. B. 1380 Pg. 195

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

SURVEY BY G.E. DREIER DATE

NOTES BY DATE NOTES CHKD.

INDEXED DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

765420 S & E-353 4-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

723 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

F.B. 1380 Pg. 199

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

Survey of L.A. Co. PRECISE LEVEL NET
W. O. 4923 Page No. Std. °F
Surveyed by G. E. DREIER
Notes G. E. DREIER Date 6-16-52
Indexed A. C. Johnson 7-29-52

LINE No. 66

JOB No. 4923

L.A. COUNTY PRECISE LEVEL NET

G.E. DREIER
E. LANDA
S. SHINODA
M. SONNENSCHEIN
T. OHASHI
D DIAZ

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

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

78F3085 247 2-51

F.B. 1380 PG. 200

B.M. 16-1

ARROW HIGHWAY AND IRWINDALE AVE, ℄ INTERSECTION, A STANDARD 2¼" COUNTY SURVEYOR MONUMENT

MARKED —

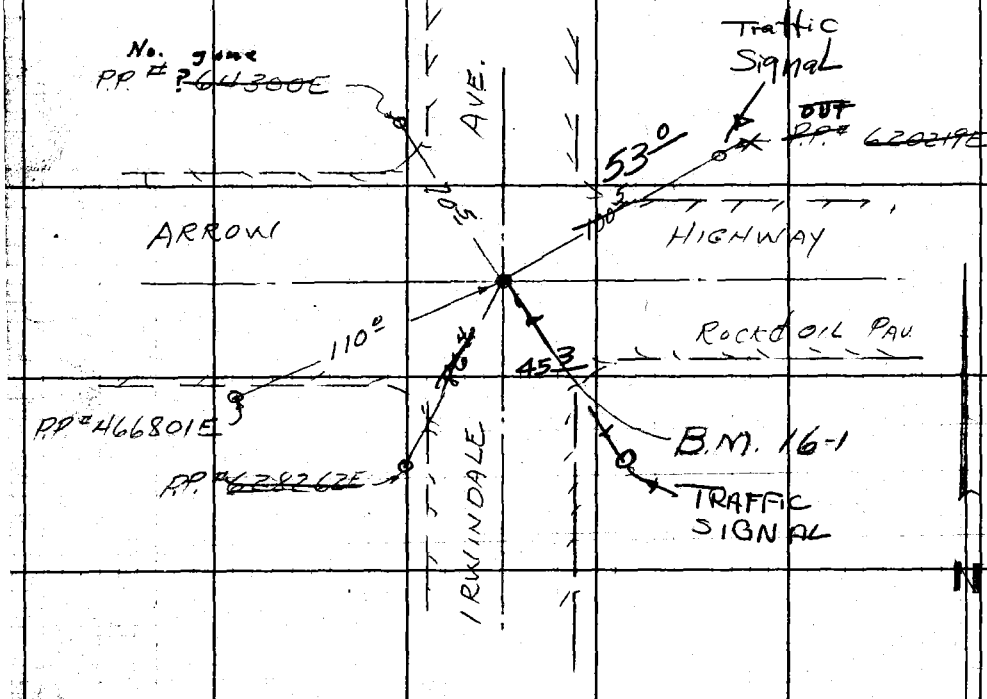
COUNTY SURVEYOR T1S R10W SEC 4 + SEC 9 ¼ COR R. E. 2177

IN A WELL INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER MARKED "L.A. COUNTY ROAD DEPT."

L.A.Co. 1952 Adj. Elev. = 467.682 V

Ties. NE of P.P. #466801E 110°
NW of Traffic Signal 45°
SW of Traffic Signal 53°

W. Yoge 4-5-66



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

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F.B. 1380 Pg. 201

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

Survey of L.A.Co. PRECISE LEVEL NET
W.O. 1927 Tape No. St'd. °F
Surveyed by C.E. DREIER
Notes C.E. DREIER Date 6-16-52
Indexed C. Johnson

B.M 16-2

IRWINDALE AVE, 0.5 N.W. SOUTH OF ARROW HIGHWAY, A STANDARD 2½" COUNTY SURVEYOR MONUMENT MARKED "B.M 16-2 1952 R.E.63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 11½ FT. EAST OF THE APPROXIMATE ℄ OF IRWINDALE AVE ~~AND ON THE WESTERLY PROLONGATION OF A CHAIN LINK FENCE~~ 96.0 ft N.E. of PP = 628044E, 65.2 ft N.W. of Tel. P. = E 142047 and 2.0 ft S.W. of ~~ALONG THE NORTH BOUNDARY OF PROPERTY THE N.W. cor. of L.A. Co. F.C. Dist. Property OCCUPIED BY SAN GABRIEL VALLEY LABOR ASSN., HOUSE # 4748,~~ IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

L.A.Co. 1952 Adj. Elev. ~~438.524~~ 438.524

FEB. 22 Apr. 1952
Note see F.B. 2000 - 162 &
BM 16-2A

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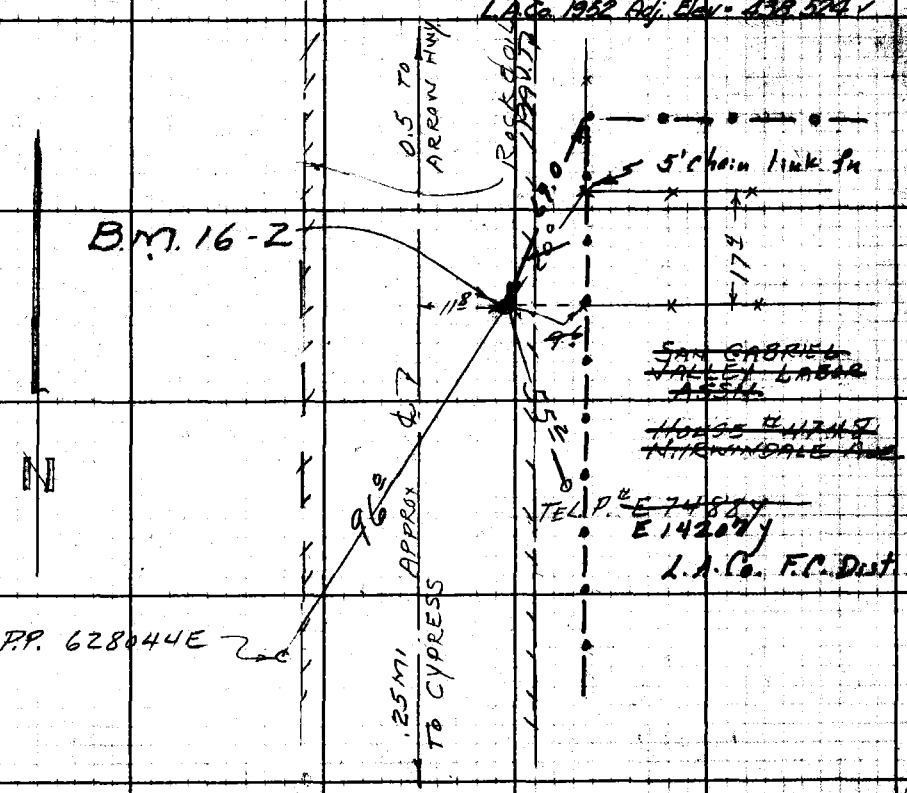
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.



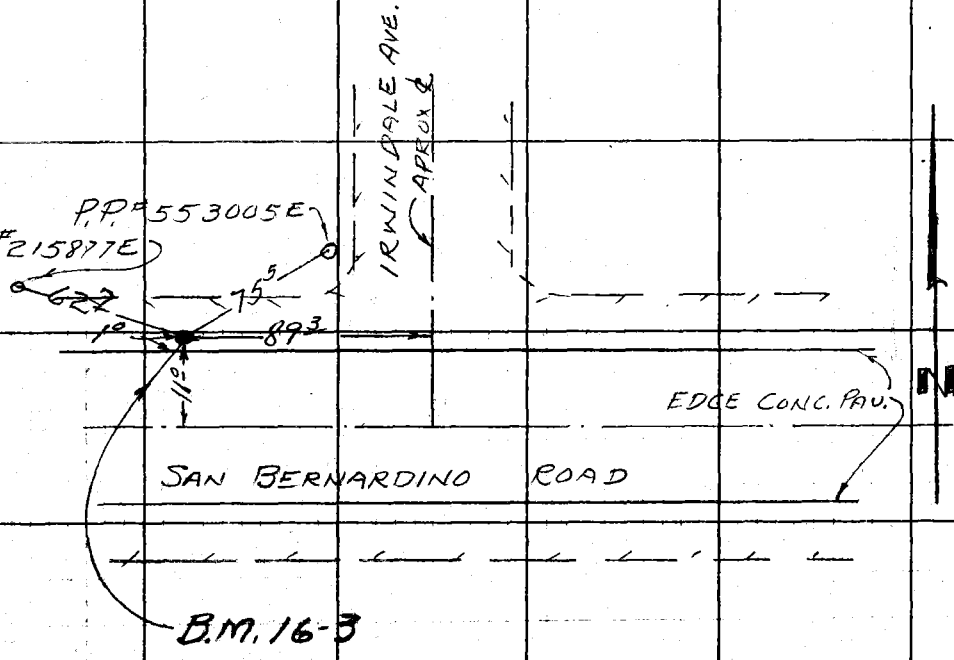
78FB008 247 2-51

F.B. 1380 PG. 202

B.M. 16-3

IRWINDALE AVE. AND SAN BERNARDINO ROAD, N.W. COR. A STANDARD COUNTY SURVEYOR MONUMENT MARKED "B.M. 16-3 1952 RE 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE, 11.0 FT. NORTH OF THE ℄ OF SAN BERNARDINO ROAD AND 89.3 FT. WEST OF THE ℄ OF IRWINDALE AVE IN A WELL CUT THROUGH THE PAVEMENT AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT" L.A. Co. 1952 Adj. Elev. 416.288 ✓

Searched not Fd. 22 April 1963 See F.B. 2886-16 for BM 16-3A FEB.



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

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

Noted Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET	F.B. 1380 Pg. 203
Map No.	W.O. 4723 Tape No. St'd °F	
Office Work	Surveyed by G.E. DREIER	
Checked	Notes G.E.D Date 6-30-52	
Date	Indexed C. Johnson	

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

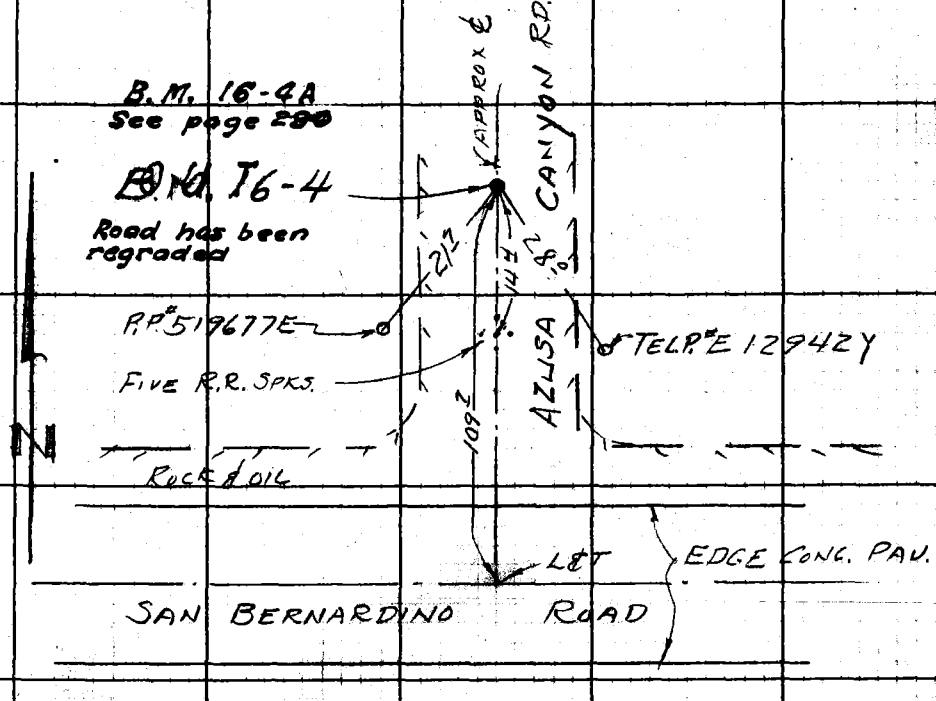
Do not extend notes this side of this line.

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

B.M. 16-4

ON APPROXIMATE ℄ OF AZUSA CANYON RD. 109.7 FT NORTH OF ℄ OF SAN BERNARDINO RD., A STANDARD COUNTY SURVEYOR MONUMENT MARKED "B.M. 16-4 1952 RE.63", SET IN CONCRETE 10 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A.Co. 1952 Adj. Elev. 405.377



F. B. 1380 Pg. 204

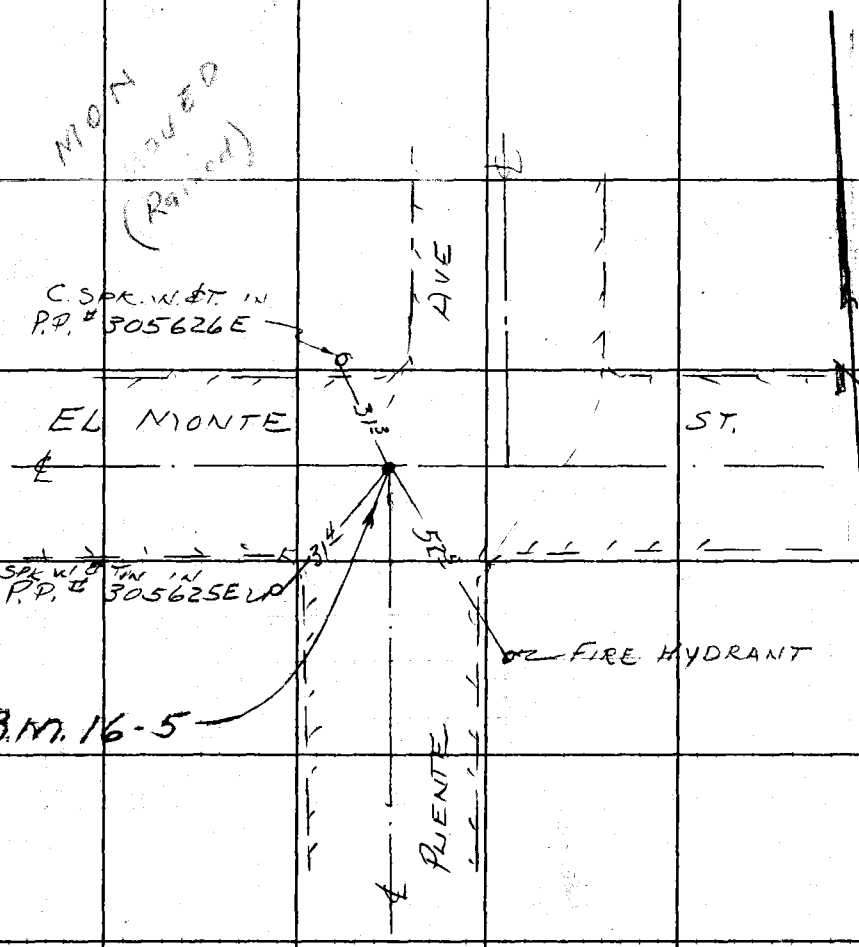
B.M. 16-5

PUENTE AVE AND EL MONTE ST, (T.O.S.) & INTERSECTION, A STANDARD COUNTY SURVEYOR MONUMENT, RE 2177, SET IN CONCRETE 18 INCHES BELOW THE SURFACE IN A HANDHOLE PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

L.A.Co. 1952 Adj. Elev. 389.595 N

Not Recovered

See F.B. 2886-165 for BM 16-5A FEB. 23 April 63



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

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

Notes Ck'd by	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.D. Date 6-30-52
Date	Indexed R. C. Johnson

F.B. 1380 Pg. 205

B.M. 16-6

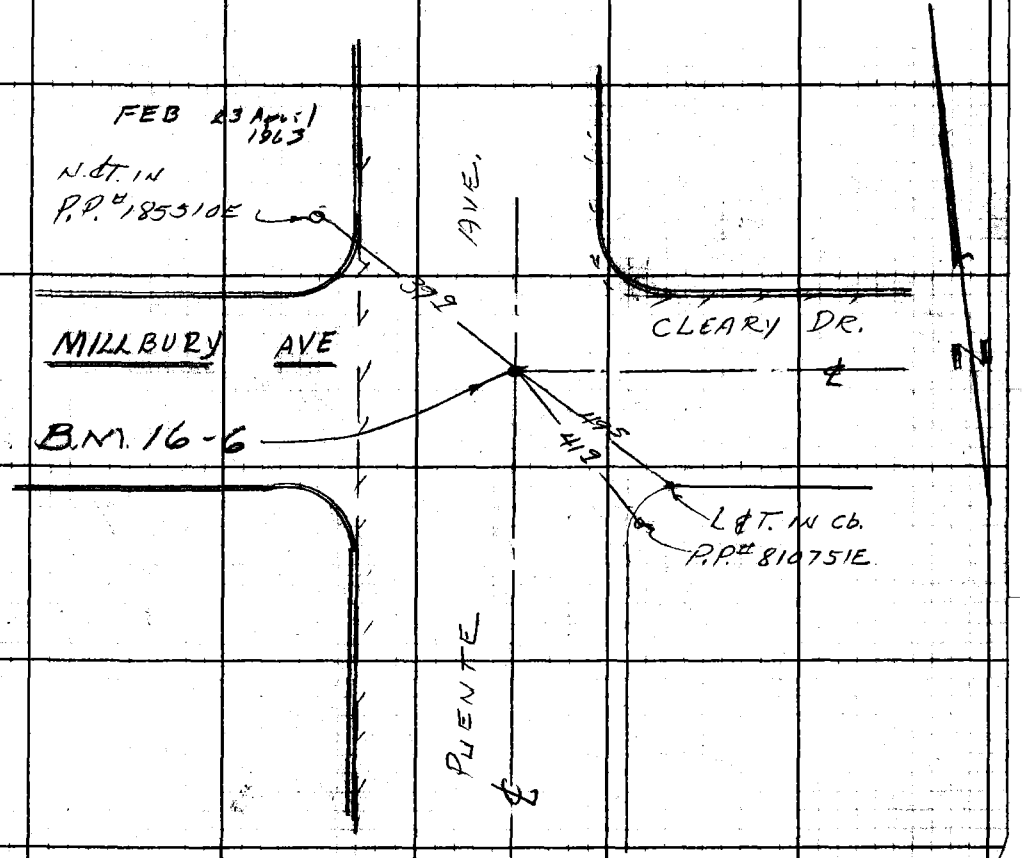
To E. & MILLBURY AVE To W.

PUENTE AVE AND CLEARY DR. & INTER SECTION, A STANDARD ROAD DEPT. MONUMENT MARKED:- L.A.CO. RD. 1950 SET IN CONCRETE 6 INCHES BELOW THE SURFACE IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED:- "L.A. COUNTY ROAD DEPT."

L.A.Co. 1952 Adj. Elev. 380.883 ✓

Searched for and not recovered on 5-Apr-66 by W. J. Vege. 21-Jun-71 [signature]

~~F.B.~~ No replacement was set [signature]



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

76F309S 247 2-51

F.B. 1380 Pg. 206

B.M. 16-7

PUENTE AVE, AT ANGLE POINT BETWEEN CENTRAL AVE AND ROOT ST. A STANDARD ROAD DEPT. MONUMENT MARKED:—"L.A.CO. 1950" SET IN CONCRETE 6 INCHES BELOW THE SURFACE IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED:—"L.A. COUNTY ROAD DEPT."

L.A.Co. 1952 Adj. Elev = 377.252

Searched for but not found on 5-Apr-64 by W.J. Voge per recovery sheet (Desc. Card.) 21-Jun-71 [illegible]
See F.B. 3712-21 for 16-7A [illegible]

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

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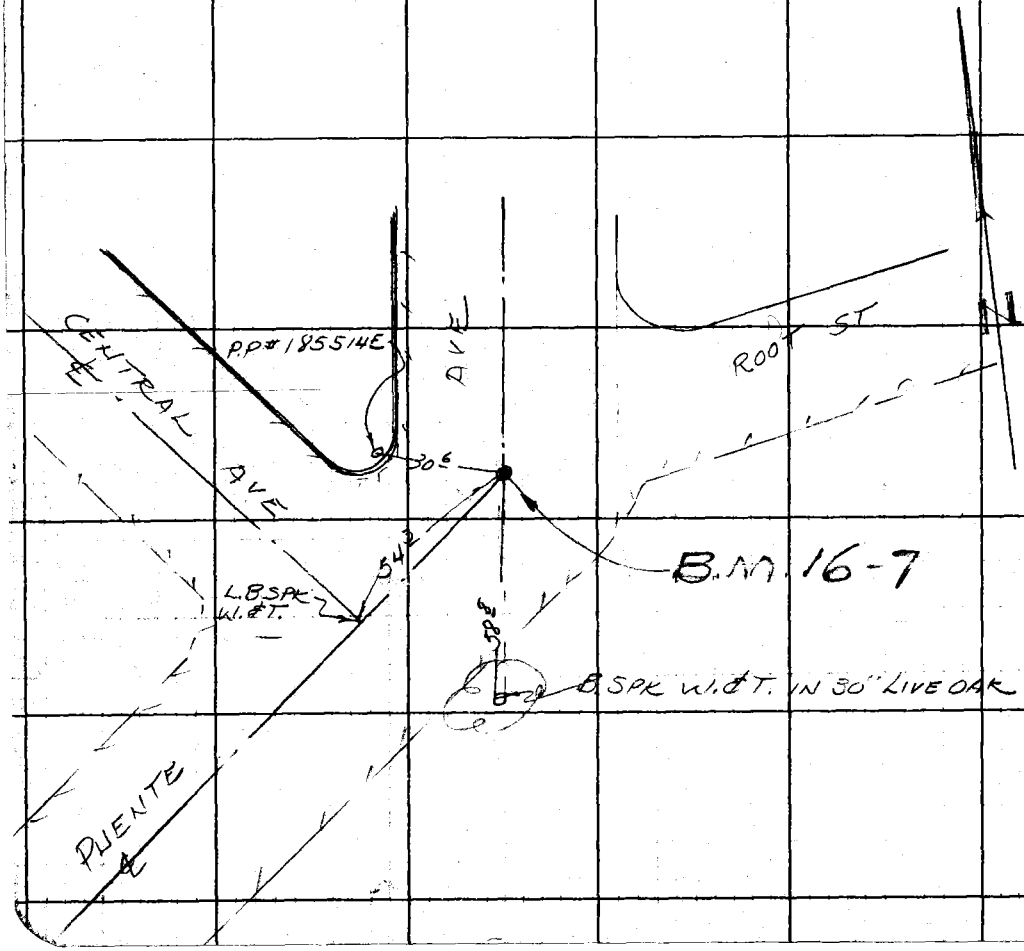


Notes Ck'd by	Survey of L.A. Co. PRECISE LEVELING
Map No.	W. O. 4923 Tape No. St'd °F
Office Work	Surveyed by C. E. DREIER
Checked	Notes C. E. D. Date 6-30-52
Date	Indexed R. C. Johnson

F. B. 1382 Pg. 207

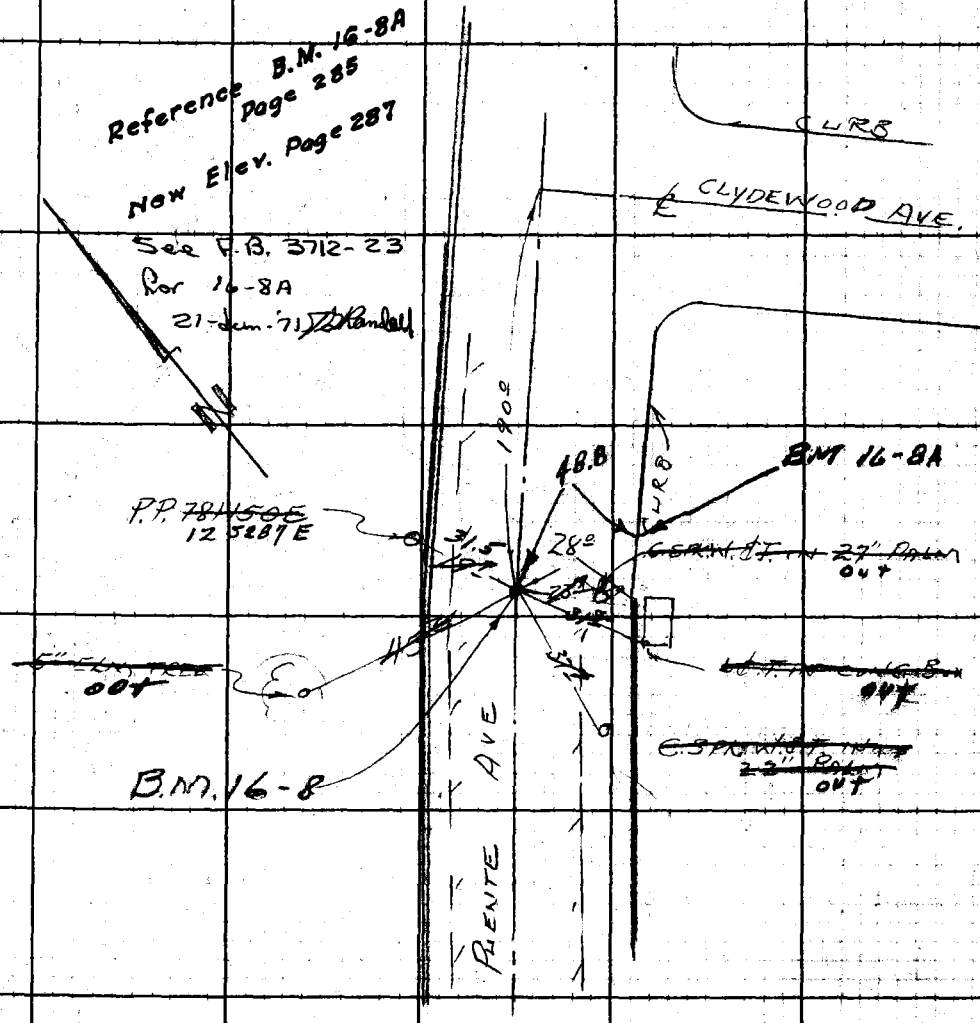
B.M. 16-8

PUENTE AVE AT ANGLE POINT 190 FT. SOUTH OF CLYDEWOOD AVE, A STANDARD COUNTY SURVEYOR MONUMENT MARKED RE 2177 SET IN CONCRETE 18 INCHES BELOW SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

L.A.Co. 1952 Adj. Elev. 365.063 v

Reference B.M. 16-8A
Page 285
Now Elev. Page 287

See F.B. 3712-23
for 16-8A
21-Jun-71 D. Randall



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

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

76R3095 247 2-51

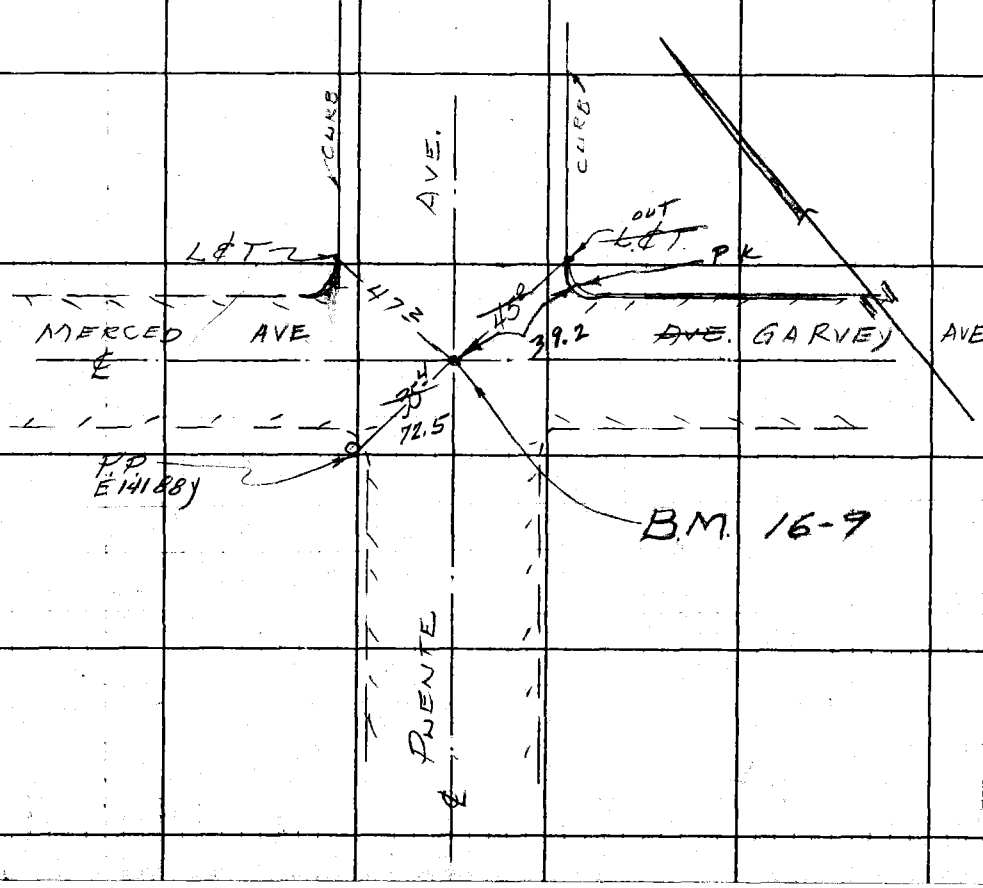
F. B. 1380 PG. 208

B.M. 16-9

PUENTE AND MERCED AVE. & INTER-SECTION, A STANDARD COUNTY SURVEYOR MONUMENT MARKED RE. 2127 SET IN CONCRETE 18 INCHES BELOW THE SURFACE IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT." T. W. GARVEY AVE TO E

L.A.Co. 1952 Adj. Elev = 348.563 V

Search for but not recovered, per Desc. Card. on 5-Apr-'26, by W.J. Voge. See F.B. 3712-25 For 16-9A 21-Jun-'71 JDRandall



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 LEVEL NET
Map No.	W. O. 4923 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes E. LANDA Date 6-27-52
Date	Indexed A. C. Johnson

F.B. 1380 Pg. 209

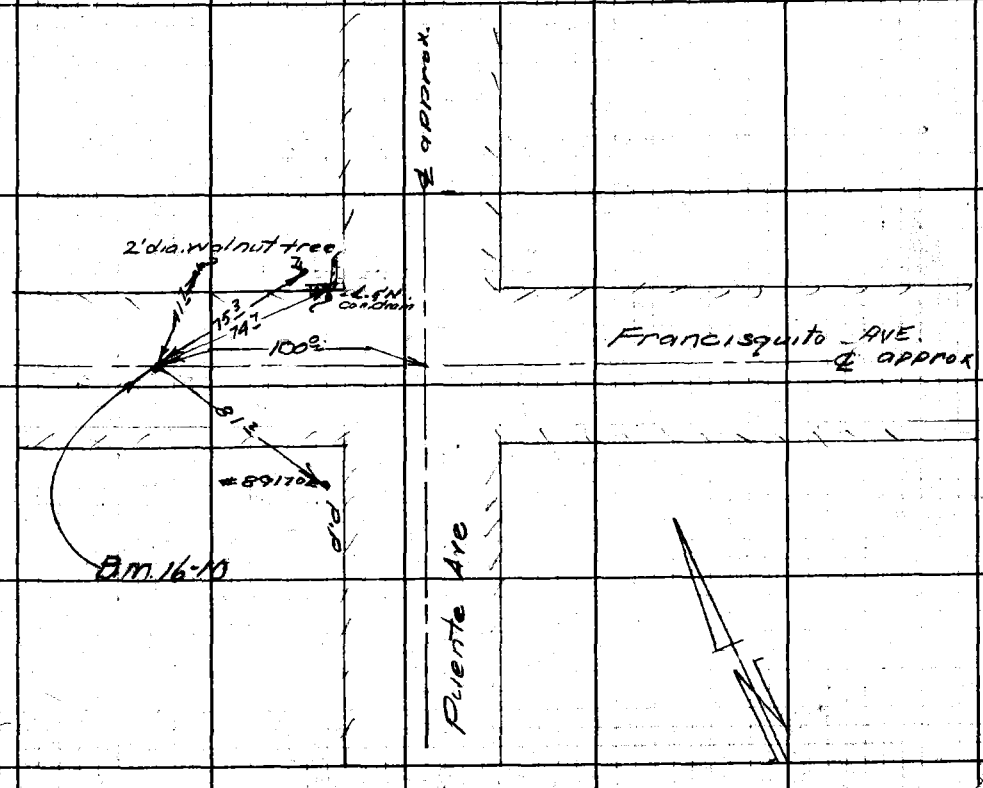
B.M. 16-10

PUENTE AVE. AND FRANCISQUITO AVE, A STANDARD COUNTY SURVEYOR MONUMENT MARKED "B.M. 16-10 1952 R.E. 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE ON APPROXIMATE ℄ OF FRANSQUITO AVE 100°FT N.W'LY OF ℄ INTERSECTION, IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED COUNTY-"SURVEYOR MONUMENT"

L.A. Co. 1952 Adj. Elev. = 334.559 ✓

Not Recovered

see F.B. 2886-166 for BM 16-10A and F.B. 2886-167 for BM 16-10B FEB 1963



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

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

76F3095 247 2-51

F.B 1380 Pg. 210

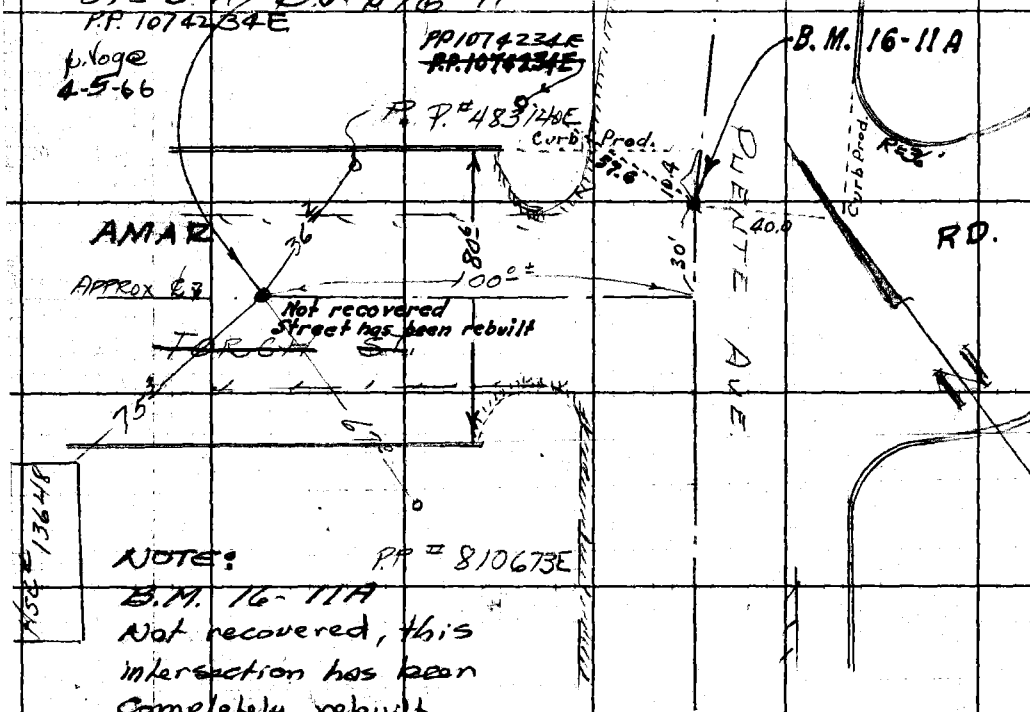
B.M. 16-11 See B.M. 16-11A below

PUENTE AVE AND ~~TORCH ST.~~ AMAR ROAD, A STANDARD COUNTY SURVEYOR MONUMENT MARKED "B.M. 16-11 1952 RE.63" SET IN CONCRETE ~~24"~~ 10" INCHES BELOW THE SURFACE, ON THE APPROXIMATE ℄ OF AMAR ROAD ~~TORCH ST.~~, 100± FT N.W'LY OF ℄ OF PUENTE AVE, IN A HANDHOLE PROTECTED BY A CAST IRON COVER MARKED-"COUNTY SURVEYOR MONUMENT"

L.A. Co. 1952 Adj. Elev. = 312.910 ✓

B.M. 16-11A

Puente Ave at ℄ Angle Pt. 30 Ft. NE of ℄ intersection of ~~Torch St.~~ AMAR RD. A Std. 2½" Brass Cap mon. stamped "County Surveyor RE62" - 26 inches below the surface under cast iron cover, marked COUNTY ENGINEER MON. 10± SW of NE curb line & L.A. Co. Adj. Elev. = 57.6 ± B.M. 16-11



NOTE:
B.M. 16-11A
Not recovered, this intersection has been completely rebuilt.
Set 11B, See F.B. 3712-32

M-Jun-71 T.S. Randall

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.

HSC # 13648

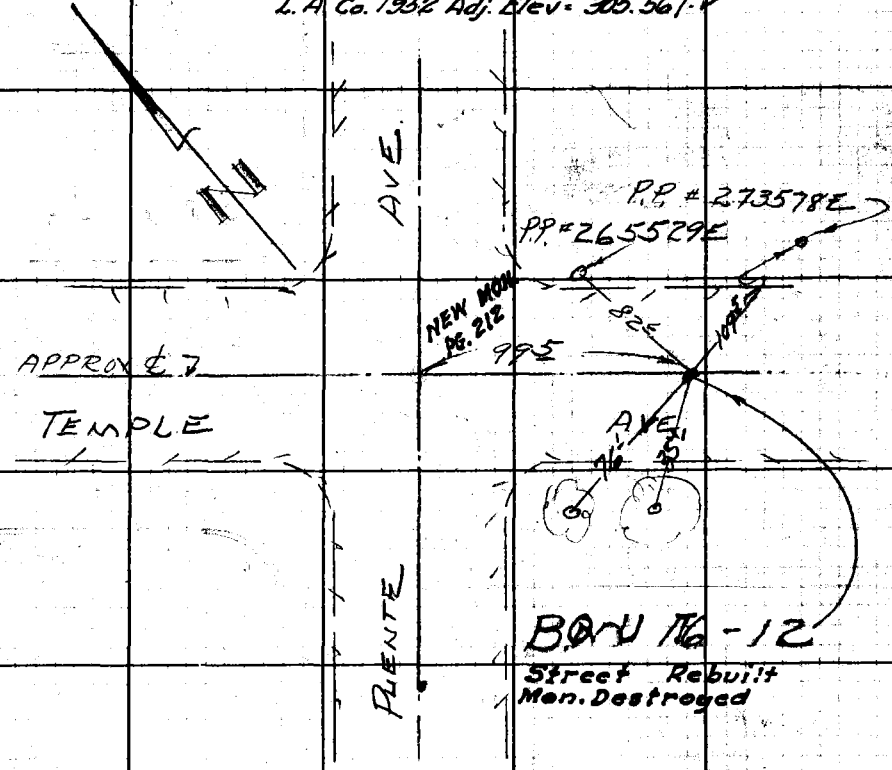
Notes Ck'd by	Survey of L.A. Co. Precise Level No.
Map No.	W.O. 4923 Tape No. St'd °F
Office Work	Surveyed by G.E. Dreier
Checked	Notes G.E.D. Date 6-30-52
Date	Indexed A. C. Johnson

F.B. 1380 Pg. 211

B.M. 16-12 B.M. 16-12A - Pg 212

PUENTE AVE. AND TEMPLE AVE., A STANDARD COUNTY SURVEYOR MONUMENT MARKED "B.M. 16-12 1952 R.E. 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE ON THE APPROXIMATE ℄ OF TEMPLE AVE. 99.5 FT S.E'LY OF THE ℄ INTERSECTION IN A HANDHOLE PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT."

L.A. Co. 1952 Adj. Elev = 305.567



B.M. 16-12
Street Rebuilt
Mon. Destroyed

Note: Any Additions or Changes on This Sheet Must 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. 1380 PG. 212

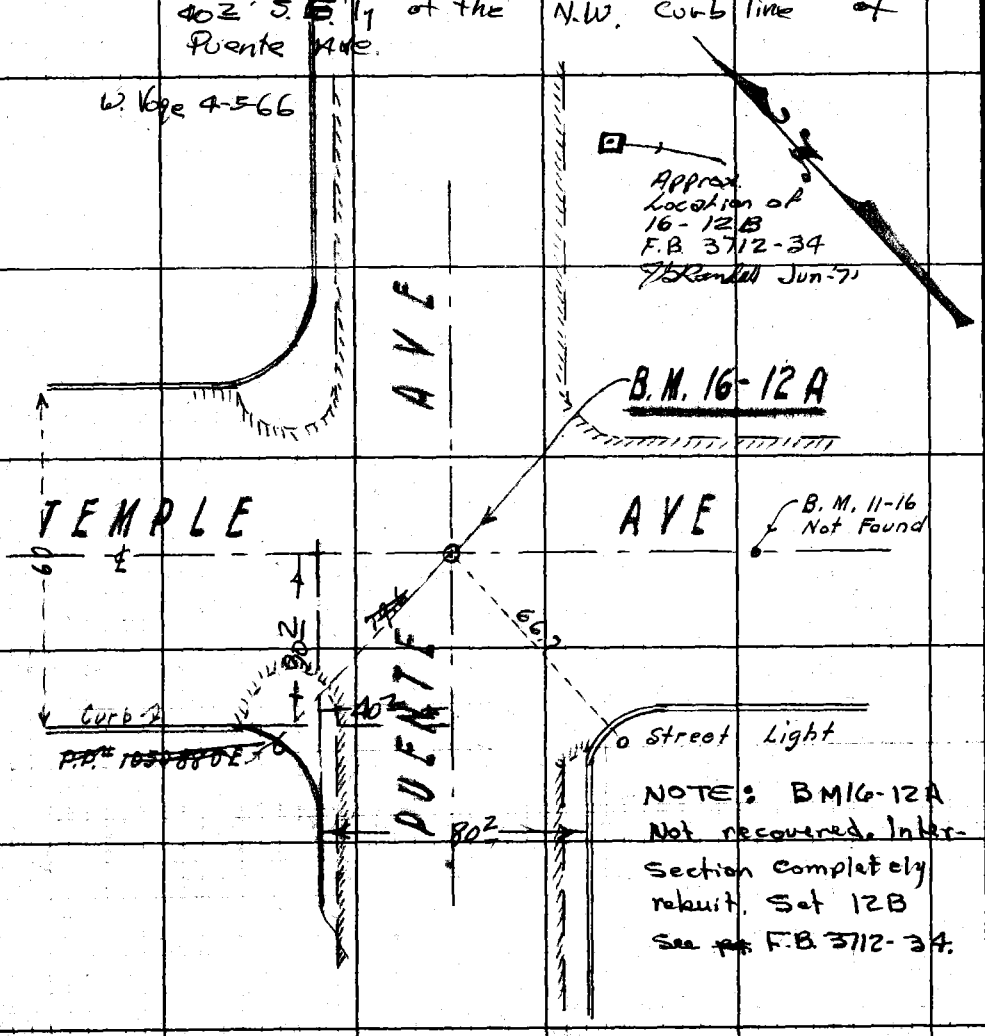
B.M. 16-12A

Puente Ave and Temple Ave, ℄ intersection - A Standard 2½" Brass Cap Mon. stamped "County Surveyor R.E. 62" 20 inches below the surface protected by a cast iron cover, marked COUNTY SURVEYOR MONUMENT.

Ties: ~~40² SW'ly of the SW curbline of Temple Ave.~~

30² NE'ly of the S.W. curb line of Temple Ave.

40² S.E'ly of the N.W. Curb line of Puente Ave.



NOTE: BM16-12A Not recovered. Intersection completely rebuilt. Set 12B See F.B. 3712-34.

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.

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 9:00-9:35 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-23 To B.M. 16-1
Date 6-24-52
Indexed R. E. 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
	4846		215		#7	6632		214		B.M. 11-23
	4633		212			6418		214		SEE F.B. 380-24
	4421		425			6204		428		FOR DESCRIPTION
1	13900	4.633		425	66°	19254	6418		428	
	3680		212			7000		216		T E LANDA
	3468		213			6784		213		
	3255		425			6571		429		
2	10403	3468		850		20355	6785		857	
	3498		216			6909		214		
	3282		212			6695		215		
	3070		428			6480		429		
3	9850	3283		1278		20084	6695		1286	
	3484		212			7100		212		
	3272		210			6888		216		
	3062		422			6672		428		
4	9818	3273		1700		20660	6887		1714	
	4287		212			6449		214		
	4075		210			6235		212		
	3865		422			6023		426		
5	12227	4.076		2122		18707	6.236		2.140	
		18.733					33.021			

F.B. 380 PG. 213

FORM 879 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:00 - 9:35 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-23 To BM 16-1
Date 6-24-52
Indexed A. 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
	3903	18.733	213	2122		7458	35.021	210	2.140	
	3690		213			7248		210		
	3477		426			7038		420		
6	11070	3.690		2548		21744	7.248		2560	
	3508		214			7074		212		
	3294		212			6862		209		SUMMATION OF RUN BM 11-23 TO BM 16-1
	3082		426			6653		421		
7	9884	3.295		2974		20589	6.863		2981	
	3877		216			6401		211		
	3661		213			6190		212		TOTAL BACKSIGHTS +31.598
	3448		429			5978		423		- FORESIGHTS - 61.306
8	10986	3.662		3403		18569	6.190		3404	DIFF. IN ELEVATION - 29.708
	2923		305			8305		322		
	2618		306			7983		320		BM 16-1
	2312		611			7663		642		SEE FB 1380-200
9	7853	2.618		4014	64°	23951	7.984		4046	FOR DESCRIPTION
10										
		31.998					61.306			

F.B. 1380 PG. 214

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:35-10:05 AM Rod No. 7 F B

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-1 To BM 11-23
Date 6-24-52
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
	8170		314		#7	2801		311		
	7856		314			2490		312		BM 16-1
	7542		628			2178		623		See F.B. 1380, 200
1	23568	7.856		628	64°	7469	2.490		623	For Description
	6458		215			3931		212		
	6243		211			3719		214		E. LANDA
	6032		426			3505		426		
2	18733	6.244		1.054		11155	3.718		1.049	
	7152		213			3581		212		
	6939		211			3369		210		
	6728		424			3159		422		
3	20819	6.940		1.478		10109	3.370		1.471	
	7497		215			3938		211		
	7282		212			3727		212		
	7070		427			3515		423		
4	21849	7.283		1905		11180	3.727		1894	
	6428		215			4261		210		
	6213		213			4051		211		
	6000		428			3840		421		
5	18641	6.214		2339		12152	4.051		2.315	
		34.537					17.356			

F.B. 1380 PG. 215

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 9:35 - 10:05 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-1 To B.M. 11-23
Date 6-24-52
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
	7092	54.537	213	2.333		3480	17.336	212	2.315	
	6879		209			3268		214		
	6670		422			3054		426		
6	20641	6.880		2.755		9802	3.267		2.741	
	6972		214			3559		213		
	6758		215			3346		214		SUMMATION OF RUN
	6543		429			3132		427		B.M. 16-1 TO B.M. 11-23
7	20273	6.758		3.184		10037	3.346		3.168	
	7042		210			3730		213		
	6832		210			3517		217		TOTAL BACKSIGHTS + CI-624
	6622		420			3300		430		- FORESIGHTS - 32.316
8	20496	6.832		3.604		10547	3.516		3.598	DIFF IN ELEVATION +29.308
	6831		214			5043		212		
	6617		215			4831		212		B.M. 11-23
	6402		429			4619		424		SEE FB 1376 -
9	19850	6.617		4.033	64°	14493	4.831		4.022	FOR DESCRIPTION
		61.624					32.316			

F.B. 380 PG. 216

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 10:20-11:00 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-1 To BM 16-2
Date 6-24-52
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
	5115		213		#7	6884		212		
	4902		212			6672		212		BM 16-1
	4690		425			6460		424		SEE F.B. 1380-200
1	1470	4.902		425	64°	20016	6.672		424	FOR DESCRIPTION
	3259		211			7087		216		
	3048		210			6871		212		* G.E DREIER
	2838		421			6659		428		
2	9145	3.048		846		20617	6.872		852	
	4302		211			6512		212		
	4091		211			6300		211		
	3880		422			6089		423		
3	12273	4.091		1268		18901	6.300		1275	
	4120		211			6606		214		
	3909		211			6392		213		
	3698		422			6179		427		
4	11727	3.909		1690		19177	6.392		1702	
	3402		212			7006		214		
	3190		211			6792		213		
	2979		423			6579		427		
5	9571	3.190		2113		20377	6.792		2129	
		19.140					33.028			

F.B. 1380 PG. 217

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 OVERCAST Inst. No. 50010
Notes by J. SHINODA Time 10:20 - 11:00 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-1 To BM 16-2
Date 6-24-52
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
	3769	19.140	216	2113		6702	33.028	210	2129	
	3553		213			6532		211		
	3340		429			6321		421		
6	10662	3554		2542		19595	6532		2550	
	3770		211			6785		215		
	3559		210			6570		214		
	3349		421			6356		429		
7	10678	3559		2963		19711	6570		2979	
	3830		219			6767		210		
	3611		220			6557		209		
	3391		439			6348		419		SUMMATION OF RUN
8	10832	3611		3402		19672	6557		3398	B.M. 16-1 TO B.M. 16-2
	3647		155			6740		154		
	3492		153			6586		155		TOTAL BACKSIGHTS +37.012
	3339		308			6431		309		" FORESIGHTS -66.175
9	10478	3493		3710		19757	6586		3707	DIFF. IN ELEVATION -29.163
	3810		155			7055		153		
	3655		155			6902		152		B.M. 16-2
	3500		310			6750		305		SEE F.B. 1380-201
10	10965	3655		4020	68°	20707	6902		4012	FOR DESCRIPTION
		37.012					66.175			

F.B. 1380 PG. 218

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 11:00 - 11:40 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-2 To BM 16-1
Date 6-24-53
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
	7063		152		#7	3817		155		BM 16-2
	6911		153			3662		155		SEE F.B. 1380: 201
	6758		305			3507		310		FOR DESCRIPTION
1	20732	6.911		305	68°	10986	3.662		310	
	6753		155			3658		154		↑ G.E. DREIER
	6598		155			3504		153		
	6443		310			3351		307		
2	19794	6598		615		10513	3.504		617	
	6825		213			3880		216		
	6612		212			3664		213		
	6400		425			3451		429		
3	19837	6.612		1040		10995	3.665		1046	
	6758		214			3747		214		
	6544		213			3533		211		
	6331		427			3322		425		
4	19633	6.544		1467		10602	3.534		1471	
	6697		214			3718		213		
	6483		213			3505		213		
	6270		427			3292		426		
5	19450	6.483		1894		10515	3.504		1897	
		33.148					17.869			

F.B. 1380 PG. 212

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 11:00 - 11:40 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-2 To B.M. 16-1
Date 6-24-52
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
	7001	33.148	213	1.894		3400	17.869 .70	212	1.897	
	6788		214			3188		212		
	6574		427			1976		424		
6	20363	6.788		2321		9564	3.188		2321	
	6622		215			4145		212		
	6413		212			3931		212		
	6201		427			3719		424		
7	19236	6.414		1748		11795	3.931		1745	
	6442		211			4231		210		
	6231		211			4021		210		
	6020		422			3811		420		SUMMATION OF RUN
8	18693	6.231		3170		12063	4.021		3165	B.M. 16-2 TO B.M. 16-1
	7109		217			3282		210		
	6892		213			3072		211		
	6679		430			2861		421		TOTAL BACKSIGHTS + 66.105
9	20680	6.893		3600		9215	3.072		3586	- FORESIGHTS - 36.943
	6841		210			5077		217		DIFF. IN ELEVATION + 29.162
	6631		209			4862		216		
	6422		419			4646		433		B.M. 16-1
10	19894	6.631		4019	67°	14587	4.862		4019	SEE F.B. 1380-200
		66.105					36.943			FOR DESCRIPTION

F.B. 1380 PG. 220

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:15-2:05 PM Rod No. 788

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-2 To BM 16-3
Date 6-24-52
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
	4581		211		#7	6362		213		
	4370		213			6149		213		BM 16-2
	4157		424			5936		426		SEE F.B. 1380-201
1	13108	4369		424	66°	18447	6.149		426	FOR DESCRIPTION
	3695		214			5850		212		
	3481		211			5638		213		T. E. LANDA
	3270		425			5425		425		
2	10446	3.482		.849		16913	5.638		851	
	3852		214			1384		213		
	3638		216			1171		211		
	3422		430			0960		424		
3	10912	3.637		1279		3515	1.172		1275	
	8252		175			3570		177		
	8077		176			3393		175		
	7901		351			3218		352		
4	24230	8.077		1630		10181	3.394		1627	
	1720		161			9993		163		
	1559		159			9830		162		
	1400		320			9668		325		
5	4679	1.560		1950		19491	9.830		1952	
		21.125					26.183			

F.B. 1380 PG. 221

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 1:15-2:05 P.M. Rod No. 7F8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-2 To BM 16-3
Date 6-24-52
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
	1989	21.125	215	1950		5730	26.183	215	1952	
	1774		214			5515		214		
	1560		429			5301		429		
6	5323	1.774		2379		16546	5515		2381	
	4474		212			5652		211		
	4262		212			5441		212		
	4050		424			5229		423		
7	12786	4262		2803		16322	5441		2804	
	4915		214			5623		215		
	4701		212			5408		213		
	4489		426			5195		428		
8	14105	4702		3229		16226	5409		3238	
	4850		212			5747		215		
	4638		213			5532		213		
	4425		425			5319		428		
9	13913	4638		3654		16598	5533		3658	
	3180		218			6953		214		
	1962		214			6739		211		
	2748		432			6528		425		
10	8890	2963		4085		20220	6740		4085	
		39464					54821			

F.B. 379 PG. 222

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:15-2:05 P.M. Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-2 To BM 16-3
Date 6-24-52
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
	4082	39.464	214	4086		6018	54.821	215	4083 5	SUMMATION OF RUN
	3868		212			5803		213		BM 16-2 TO BM 16-3
	3656		426			5590		428		
11	11606	3.869		4512		17411	5.804		4511 3	
	4394		165			5720		168		TOTAL BACKSIGHTS +51.456
	4229		164			5552		164		FORESIGHTS -73.696
	4065		329			5388		332		
12	12688	4.229		4841		16660	5.553		4845	DIFF. IN ELEVATION -22.240
	4080		187			7703		184		
	3893		185			7519		187		BM 16-3
	3708		372			7332		371		SEE F.B. 1380-202
13	11681	3.894		5213	67°	22554	7.518		5216 6	FOR DESCRIPTION
		51.456					73.696			

F.B. 1380 PG. 222

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. 1380 PG. 224

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 OVERCAST Inst. No. 50010
Notes by J SHINODA Time 2:05 - 2:55 PM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-3 To BM 16-2
Date 6-24-52
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
	7682		184		#7	4054		184		BM 16-3
	7498		188			3870		187		SEE F.B. 1380-202
	7310		371			3683		371		FOR DESCRIPTION
1	12490	7497		372	67°	11607	3869		371	
	5690		167			4369		166		⊼ E LANDA
	5523		163			4203		164		
	5360		330			4039		330		
2	16573	5524		702		12611	4204		701	
	6158		214			4223		213		
	5944		212			4010		212		
	5732		426			3798		425		
3	17834	5945		1128		12031	4010		1126	
	6430		214			2655		216		
	6216		215			2439		216		
	6001		429			1223		432		
4	18647	6216		1557		7317	2439		1558	
	5716		216			4816		213		
	5500		214			4603		212		
	5286		430			4391		425		
5	16502	5501		1987		13810	4603		1983	
		30.683					19.125			

F.B. 1380 PG. 225

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:05-2:55 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4953
From BM 16-3 To BM 16-2
Date 6-24-52
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
	5591	30.683	213	1.987		4884	19.125	213	1.983	
	5378		214			4671		211		
	5164		427			4460		424		
6	16133	5.378		2414		14015	4.672		2407	
	5670		210			4492		213		
	5460		213			4279		214		
	5247		423			4065		427		
7	16377	5.459		2837		12836	4.279		2834	
	5734		214			1991		214		
	5520		212			1777		215		
	5308		426			1562		429		
8	16562	5.521		3263		5330	1.777		3263	
	9968		164			1693		162		
	9804		161			1531		160		
	9643		325			1371		322		
9	29415	9.805		3588		4595	1.532		3585	
	3772		174			8459		177		
	3598		176			8282		174		
	3422		350			8108		351		
10	10792	3.597		3938		24849	8.283		3936	
		60.443					39.668			

F.B. 1380 PG. 226

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 1:05-2:55PM Rod No. 768

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-3 To BM 16-2
Date 6-24-52
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
	1331	60.443	213	3.938		3798	39.608	216	3.930	SUMMATION OF RUN
	1118		211			3582		214		BM 16-3 TO BM 16-2
	0907		424			3368		430		
11	3356	1119		4362		10748	3583		4366	
	5856		214			3703		213		TOTAL BACKSIGHTS +73.359
	5642		211			3490		211		- FORESIGHTS - 51.119
	5431		425			3279		424		
12	16929	5643		4787		10472	3491		4790	DIFF. IN ELEVATION + 22.240
	6369		215			4590		213		
	6154		214			4377		214		BM 16-2
	5940		429			4163		427		SEE F.B. 1880-201
13	18463	6.154		5216	66°	13130	4.377		5217	FOR DESCRIPTION
		73.359					51.119			

F.B. 1880 PG. 227

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. 1380 PG. 228

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 3:05-3:30 PM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-3 To BM 16-4
Date 6-24-52
Indexed J. 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
	5221		214		#7	6165		213		BM 16-3
	5007		214			5952		213		SEE F.B. 1310-202
	4793		428			5739		426		FOR DESCRIPTION
1	15021	5.007		428	66°	17856	5.952		426	
	4803		212			6102		213		⊼ G.E. DREIER
	4591		212			5889		212		
	4379		424			5677		426		
2	13773	4591		852		17668	5.889		851	
	4779		211			6056		214		
	4568		211			5842		211		
	4357		422			5631		425		
3	13704	4568		1274		17529	5.843		1276	
	4822		211			5930		214		
	4611		211			5716		214		
	4400		422			5502		428		
4	13833	4611		1696		17148	5.716		1704	
	4422		212			5693		212		
	4210		211			5471		211		
	3999		423			5260		423		
5	12631	4210		2119		16424	5.471		2127	
		22.987					28.871			

F.B. 1380 PG. 229

FORM 879 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 3:05-3:30 PM Rod No. 7E8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-3 To BM 16-4
Date 6-24-52
Indexed R. 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
	4656	22.987	213	2119		6217	18.871	215	2127	
	4443		212			6002		211		
	4231		425			5791		426		
6	13330	4.443		2544		18010	6.003		2553	
	4229		214			5731		213		
	4015		214			5518		215		SUMMATION OF RUN BM 16-3 TO BM 16-4
	3801		428			5303		428		
7	12045	4.015		1972		16552	5.517		2981	
	4664		211			5907		214		TOTAL BACKSIGHTS +40.731
	4453		211			5693		213		− FORESIGHTS −51.643
	4212		422			5480		427		DIFF IN ELEVATION −10.912
8	13359	4.453		3394		17080	5.693		3405	
	5039		206			5769		210		
	4833		205			5559		210		BM 16-4
	4628		411			5349		420		SEE F.B. 1380-203
9	14500	4.833		3805	72°	16677	5.559		3828	FOR DESCRIPTION
		40.731					51.643			

F.B. 1380 PG. 230

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 3:30- Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4929
From BM 16-4 To BM 16-3
Date 6-24-52
Indexed R. 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
	5721		210		#7	4990		206		BM 16-4
	5511		210			4784		206		SEE F.B. 1381-203
	5301		420 ✓			4579		411		FOR DESCRIPTION
1	16533	5511 ✓		420	72°	14363	4784		411 ✓	
	5907		214			4607		211		⊼ G.E. DREIER
	5693		213			4456		212		
	5480		427 ✓			4292		423		
2	17080	5693 ✓		847 ✓		13367	4456 ✓		834 ✓	
	5596		214			4091		211		
	5382		212			3880		210		
	5170		426 ✓			3670		421 ✓		
3	16148	5383 ✓		1273 ✓		11641	3880 ✓		1255 ✓	
	5723		213			4163		212		
	5510		213			3951		211		
	5297		426 ✓			3740		423		
4	16530	5510 ✓		1699 ✓		11854	3951 ✓		1678 ✓	
	5591		213			4330		213		
	5378		213			4117		213		
	5165		426 ✓			3904		426 ✓		
5	16134	5378 ✓		2125 ✓		12351	4117 ✓		2104 ✓	
		27.475 ✓					21.189 ✓			

F.B. 1380 PG. 23 ✓

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 3:30 - 4.00 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-4 To B.M. 16-3
Date 6-24-52
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
	5919	5.745	214	2.125		4912	4.188	211	2.104	
	5705		213			4601		210		
	5492		427			4391		421		
6	17116	5.705		2552		13804	4.601		2525	
	5990		212			4710		211		
	5778		213			4499		210		SUMMATION OF RUN
	5565		425			4289		421		B.M. 16-4 TO B.M. 16-3
7	17333	5.778		2977		13498	4.499		2946	
	6162		212			4866		213		
	5950		212			4653		212		TOTAL BACKSIGHTS +50.828
	5738		424			4441		425		FORESIGHTS -39.911
8	17850	5.950		3401		13960	4.653		3371	DIFF. IN ELEVATION +10.917
	6130		210			5187		217		
	5920		209			4970		217		B.M. 16-3
	5711		419			4753		434		SEE F.B. 1380-202
9	17761	5.920		3820	70°	14910	4.970		3805	FOR DESCRIPTION
		50.828					39.911			

F.B. 1380 PG. 232

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 9:05-9:45AM Rod No. 748

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-4 To BM 16-5
Date 6-25-52
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
	5009		216		#7	5898		219		BM 16-4
	4793		215			5679		217		SEE F.B. 1380-203
	4578		431			5462		436		FOR DESCRIPTION
1	14380	4.793		431	64°	17099	5.690		436	
	5048		215			5880		215		T E LANDA
	4833		211			5665		213		
	4622		426			5452		428		
2	14503	4.834		857		16997	5.666		864	
	4883		145			5328		149		
	4734		147			5179		147		
	4587		296			5032		296		
3	14204	4.735		1153		15539	5.180		1160	
	3135		365			6404		361		
	2770		365			6043		361		
	2405		730			5682		722		
4	8310	2770		1883		18129	6.043		1882	
	6867		213			6008		211		
	6654		211			5797		214		
	6443		424			5583		425		
5	19964	6.655		2307		17388	5.796		2307	
		23.787					28.365			

F.B. 1388 P. 233

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:05-9:45 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-4 To BM 16-5
Date 6-25-52
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
	3060	23.787	210	2.307		6672	18.365	212	2.307	
	1850		213			6460		212		
	2637		423			6248		424		
6	8547	2.849		2.730		19380	6.460		2.731	
	4600		183			3449		178		
	4417		184			3271		174		SUMMATION OF RUN
	4233		367			3097		352		BM 16-4 TO BM 16-5
7	13250	4.417		3.097		9817	3.272		3.083	
	2600		233			7948		240		
	2367		233			7708		239		TOTAL BACKSIGHTS +37.380
	2134		466			7469		479		- FORESIGHTS - 53.164
8	7101	2.367		3.563		23125	7.708		3.562	DIFF IN ELEVATION - 15.784
	4172		213			7570		212		
	3959		211			7358		210		BM 16-5
	3748		424			7148		422		SEE F.B. 1380-204
9	11879	3.960		3.987	68°	22076	7.359		3.984	FOR DESCRIPTION
		37.380					53.164			

F.B. 1380 PG. 234

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:45-10:45AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-5 To B.M. 16-4
Date 6-25-62
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
	7569		213		#7	4163		212		B.M. 16-5
	7350		211			3951		211		SEE F.B. 1380-204
	7139		424			3740		423		FOR DESCRIPTION
1	12052	7.354		424	68°	11854	3.954		423	
	7912		237			2573		234		⊼ E LANDA
	7675		235			2339		237		
	7440		472			2102		471		
2	13027	7.676		896		7014	2.338		894	
	3378		177			4524		184		
	3201		173			4340		182		
	3028		350			4151		366		
3	9607	3.202		1246		13022	4.340		1260	
	6807		211			3202		212		
	6596		213			2990		212		
	6383		424			2778		424		
4	19786	6.595		1670		8970	2.990		1688	4
	5937		214			6791		211		
	5723		212			6580		210		
	5511		426			6370		421		5
5	17171	5.724		2096		19741	6.580		2109	
		30.548					20.200			

F.B. 1380 PG. 235

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 OVERCAST Inst. No. 50016
Notes by S. SHINODA Time 9:45 - 10:30 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-5 To BM 16-A
Date 6-25-52
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
	6320	30.548	362	2.096		3050	20.200	365	2.109	
	5958		360			2685		365	5	
	5598		722			2320		730		
6	17876	5959		2818		8055	2685		2839	
	5292		150			4843		148	5	
	5141		147			4695		149		SUMMATION OF RUN
	4995		297			4546		297		BM 16-5 TO BM 16-A
7	15429	5143		3115		14084	4695		3134	
	5901		219			5060		208		
	5682		219			4852		205		TOTAL BACKSIGHTS + 52.875
	5463		438			4647		413	5	" FORESIGHTS - 37.087
8	17046	5682		3553		14559	4853		3549	DIFF IN ELEVATION + 15.788
	5760		218			4870		217		
	5542		215			4653		215		BM. 16-A
	5327		433			4438		432	17	SEE F.B. 1380 203
9	16629	5543		3986	66°	13961	4654		3984	FOR DESCRIPTION
		52.875					37.087			

F.B. 1380 PG. 236

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:40 - 11:40AM Rod No. 788

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-5 To BM 16-8
Date 6-25-52
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
	4760		210		#7	6024		214		BM 16-5
	4550		211			5810		212		SEE F.B. 1380 - 204
	4339		421			5598		426		FOR DESCRIPTION
1	13649	4550		421	66°	17432	5.811		426	
	4300		212			6316		215		
	4088		213			6101		213		℄ E LAND
	3875		425			5888		428		
2	12263	4.088		846		18305	6.102		854	
	4518		215			6310		215		
	4303		212			6095		215		
	4091		427			5880		430		
3	12712	4.304		1273		18285	6.095		1284	
	4405		210			6172		217		
	4195		210			5955		215		
	3985		420			5740		432		
4	12585	4.195		1693		17867	5.956		1716	
	4660		210			6550		211		
	4450		210			6339		211		BM 16-6
	4240		420			6128		422		SEE F.B. 1380 - 205
5	13350	4.450		2113		19017	6.339		2138	FOR DESCRIPTION
		21.587					30.303			

F.B. 1380 PG. 237

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:40-11:40AM Rod No. 7 E 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-5 To BM 16-8
Date 6-25-52
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
	5671	21.587	216	2.113		5890	30.303	211	2.138	
	5455		215			5679		210		
	5240		431			5469		421		
6	16366	5455		2544		17038	5679		2559	
	4520		148			5441		146		
	4372		147			5295		145		
	4225		295			5150		291		
7	13117	4372		2839		15886	5295		2850	
	3962		162			6451		156		
	3800		162			6295		156		BM 16-7
	3638		324			6139		312		SEE F.B. 1380-20C
8	11400	3800		3163		18885	6295		3162	FOR DESCRIPTION
	5083	35.214	213			6363	47.572	213		
	4870		211			6150		212		
	4659		424			5938		425		
9	14612	4871		3587		18451	6150		3587	
F.B. 1380 PG. 238	5168		213			5963		213		
	4955		213			5750		212		
	4742		426			5538		425		
10	14865	4955		4013		17251	5750		4012	
		45040					59.472			

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:40 - 11:40 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-5 To BM 16-8
Date 6-25-52
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
	5049	45.040	212	4.013		7063	59.472	213	4.012	
	4837		216			6850		212		
	4621		428			6638		425		
11	14507	4.836		4441		20551	6.850		4437	
	4126		213			5416		214		
	3913		210			5202		212		
	3703		423			4990		426		
12	11742	3.914		4864		15608	5.203		4863	
	4432		214			7240		215		
	4218		214			7025		212		SUMMATION OF RUN
	4004		428			6813		427		BM 16-5 TO BM 16-8
13	12654	4.218		5292		21078	7.026		5290	
	4190		168			6061		165		
	4022		167			5896		166		TOTAL BACKSIGHTS +66.530
	3855		335			5730		331		- FORESIGHTS -91.080
14	12067	4.022		5627		17687	5.896		5621	DIFF. IN ELEVATION -24.550
	4669		169			6800		168		
	4500		168			6632		164		BM 16-8
	4332		337			6468		332		SEE F.B. 1280-107
15	13501	4.500		5964	67°	19900	6.633		5953	FOR DESCRIPTION
		66.530					91.080			

F.B. 1280 PG. 2337

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. 1380 PG. 240

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 OVERCAST Inst. No. 50010
Notes by S SHINODA Time 1140-245PM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-8 To BM 16-5
Date 6-25-52
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
	6643		165		#7	4508		167		BM 16-8
	6478		168			4341		169		SEE F.B. 380 207
	6310		333			4172		336		FOR DESCRIPTION
1	19431	6477		333	72°	13021	4340		336	
	5910		167			4040		168		
	5743		165			3872		167		K E LANDA
	5578		332			3705		335		
2	17231	5744		665		11617	3872		671	
	7190		212			4383		213		
	6978		213			4170		212		
	6765		425			3958		425		
3	20933	6978		1090		12511	4170		1096	
	5392		210			4105		210		
	5182		214			3895		213		
	4968		424			3682		423		
4	15542	5181		1514		11682	3894		1519	
	7002		212			4984		213		
	6790		213			4771		211		
	6577		425			4560		424		
5	20369	6790		1939		14315	4772		1943	
		31170					21048			

F.B. 1380 PG. 2 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. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:40-2:45 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-5 To B.M. 16-8
Date 6-25-52
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
	5952	31.179	212	1.939		5160	21.048	213	1.943	
	5740		212			4947		212		
	5528		424			4735		425		
6	17220	5.740		2368		14842	4.947		2368	
	6350		211			5073		212		
	6139		215			4861		211		
	5924		426			4650		423		
7	18413	6.138		2789		14584	4.861		2791	
		43.048					30.856			
										B.M. 16-7. SEE F.B. 1380-206 FOR DESCRIPTION
	6456		160			3959		159		
	6290		159			3800		159		
	6131		319			3641		318		
8	18871	6290		3108		11400	3800		3109	
	5468		145			4552		145		
	5323		145			4407		141		
	5178		290			4261		291		
9	15969	5323		3398		13220	4.407		3400	
		54.661					39.063			

F.B. 1380 PG. 242

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:40- Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-8 To BM 16-5
Date 6-25-52
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
	5478	54.661	216	3.398		5260	39.063	212	3.400	
	5262		212			5048		213		
	5050		428			4835		425		
10.	15790	5.263		3826		15143	5.048		3825	
		59.924					44.111			
										B.M 16-6
										SEE F.B. 380-205
										FOR DESCRIPTION
	6645		213			4757		212		
	6432		209			4545		210		
	6223		422			4335		422		
11.	19300	6.433		4248		13637	4.546		4247	
	6298		218			4532		212		
	6080		216			4320		210		
	5864		434			4110		422		
12.	18242	6.081		4682		12962	4.321		4669	
	6415		215			4619		214		
	6200		216			4405		213		
	5984		431			4192		427		
13	18599	6.200		5113		13216	4.405		5096	
		78.638					57.383			

F.B. 380 PG. 242

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 OVERCAST Inst. No. 50010
Notes by S. SHIMODA Time 1:40 - 2:45 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 16-8 To BM 16-5
Date 6-25-52
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
	6323	78.638	210	5.113		4320	57.383	217	5.096	
	6113		210			4103		214		
	5903		420			3889		431		
14	18339	6.113		5533		12312	4.104		5527	
	5995		215			4730		210		
	5780		212			4520		210		
	5568		427			4310		420		
15	17343	5781		5960	72°	13560	4520		5947	BM 16-5 SEE FB 1380-204 FOR DESCRIPTION
										SUMMATION OF RUN BM 16-8 TO B.M. 16-5
F.B. 1380 PG. 244										TOTAL BACKSIGHTS + 90.532 ✓ " FORESIGHTS - 66.007 ✓ DIFF. IN ELEVATION + 24.525 ✓
		90.532 ✗					66.007 ✗			

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 OVERCAS Inst. No. 50010
Notes by G.E. DREIER Time 9:00 TO 9:15 Rod No. 788

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-6 To B.M. 16-7
Date 6-26-52
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
	5.261		211		#7	5.485		213		B.M. 16-6
	5.050		212			5.272		213		SEE F.B. 1380-205
	4.838		423			5.059		426		FOR DESCRIPTION
1	15.149	5.050		423	64°	15.816	5.272		426	
	4.538		148			5.459		146		T E LANDA
	4.390		147			5.313		143		
	4.243		295			5.170		289		
2	13.171	4.390		718		15.942	5.314		715	
	3.965		161			6.454		156		B.M. 16-7
	3.804		158			6.296		158		SEE F.B. 1380-206
	3.646		319			6.138		316		FOR DESCRIPTION
3	11.415	3.805		1037		18.888	6.296		1031	
										SUMMATION OF RUN
										B.M. 16-6 TO B.M. 16-7
										TOTAL BACKSIGHTS + 13.245
										TOTAL FORESIGHTS - 16.882
										DIFF IN ELEVATION - 3.637
		13.245					16.882			F.B. 1384 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 C. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:15 TO 9:50 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-7 To B.M. 16-6
Date 6-26-52
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
	6410		160			3920		160		B.M. 16-7
	6250		160			3760		159		
	6090 ✓		320 ✓			3601 ✓		319 ✓		SEE F.B. 1380-206
1	18,750	6.250 ✓		320 ✓	64°	11,281	3.760 ✓		319 ✓	FOR DESCRIPTION
	5472		144			4552		147		
	5328		146			4405		145		T. E. LAND
	5182 ✓		290 ✓			4260 ✓		292 ✓		
2	15,982	5.327 ✓		610 ✓		13,217	4.406 ✓		611 ✓	
	5425		215			5207		214		
	5210		212			4993		213		B.M. 16-6
	4998 ✓		427 ✓			4780 ✓		427 ✓		SEE F.B. 1380-205
3	15,633	5.211 ✓		1037 ✓		14,980	4.993 ✓		1038 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 16-7 TO B.M. 16-6
										TOTAL BACKSIGHTS + 16.788 ✓
										TOTAL FORESIGHTS - 13159 ✓
										DIFF IN ELEVATION + 3.629 ✓
		16.788 ✓					13.159 ✓			

F.B. 1380 PG. 2446

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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 7:35 TO 9:50 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-6 To B.M. 16-7
Date 6-26-52
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
	5278		215		#7	5498		213		B.M. 16-6
	5.063		213			5.285		214		SEE F.B. 1380-205
	4.850		428 ✓			5.071		427 ✓		FOR DESCRIPTION
1	15.191 ✓	5.064 ✓		428 ✓	66° ✓	15.854 ✓	5.285 ✓		427 ✓	
	4696		147			5618		147		T. E. LANDA
	4.549		147			5.471		144		
	4402 ✓		294 ✓			5327 ✓		291 ✓		
2	13.647	4.549 ✓		722 ✓		16.416	5.472 ✓		718 ✓	
	4002		159			6497		159		B.M. 16-7
	3.843		159			6.338		158		SEE F.B. 1380-206
	3.684 ✓		318 ✓			6180 ✓		317 ✓		FOR DESCRIPTION
3	11.529	3.843 ✓		1040 ✓		19.015	6.338 ✓		1036 ✓	
										SUMMATION OF RUN
										B.M. 16-6 TO B.M. 16-7
										TOTAL BACKSIGHTS 13.456 ✓
										" FORESIGHTS - 17.095 ✓
										DIFF IN ELEVATION - 3.639 ✓
		13.456 ✓					17.095 ✓			

F.B. 1380 PG. 347

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 CLEARING Inst. No. 50010
Notes by G. E. DREIER Time 9:50 TO 10:00 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-7 To B.M. 16-6
Date 6-26-52
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
	6502		159		#7	4009		159		B.M. 16-7
	6343		158			3850		160		SEE F.B. 1380-206
	6185		317			3690		319		FOR DESCRIPTION
1	19030	6343		317	66°	11549	3850		319	
	5506		146			4583		145		T. E. LANDA
	5360		145			4438		148		
	5215		291			4290		293		
2	16081	5360		608		13311	4437		612	
	5501		213			5283		213		B.M. 16-6
	5288		213			5070		212		SEE F.B. 1380-205
	5075		426			4858		425		FOR DESCRIPTION
3	15864	5288		1034		15211	5070		1037	
										SUMMATION OF RUN
										B.M. 16-7 TO B.M. 16-6
										TOTAL BACKSIGHTS +16991
										TOTAL FORESIGHTS - 13357
										DIFF IN ELEVATION +3.634
		16991					13357			

F.B. 1380 PG 248

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 E. E. Dreier Weather Part Cloudy Inst. No. 50010
Notes by E. Landa Time 10:15 - 11:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-8 To B.M. 16-9
Date 6-26-52
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5741		212		#7	6330		219		B.M. 16-8
	5529		212			6111		215		See F.B. 1380-207
	5317		424			5896		434		for description
1	16587	5.529		424	CC°	18337	6.112		434	
	4653		211			6423		215		A. G.E. DREIER
	4442		212			6208		213		
	4230		423			5995		428		
2	13325	4.442		847		18626	6.209		862	
	4133		213			5714		212		
	3920		211			5502		212		
	3709		424			5290		424		
3	11762	3.921		1271		16506	5.502		1286	
	4371		211			6041		214		
	4160		211			5827		214		
	3949		422			5613		428		
4	12480	4.160		1693		17481	5.827		1714	
	4062		210			6407		213		
	3852		210			6194		211		
	3642		420			5983		424		
5	11556	3.852		2113		18584	6.195		2138	
		21.904					29.845			

F.B. 1380 PG. 207

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 F. E. Dreier Weather Part Cloudy Inst. No. 50010
Notes by E. Landa Time 10:15 - 11:00 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
No. 4923
BM. 16-8 To B.M. 16-9
Date 6-26-52
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
	3577	21.904	212	2113		5653	29.845	212	2138	
	3365		212			5441		212		
	3153		424			5229		424		
6	10095	3365		2537		16323	5441		6 2572	
	4910		221			5939		208		
	4689		217			5731		204		
	4472		438			5527		412		
7	14071	4690		2975		17197	5732		7 2984	
	4281		211			5697		210		Summation of Run
	4070		211			5487		210		B.M. 16-8 to B.M. 16-9
	3859		422			5277		420		
8	12210	4070		3397		16461	5487		39 3404	
	4745		148			5287		149		Total Backsight + 42.300
	4597		147			5138		149		Total Foresight - 58.803
	4450		295			4989		298		Diff in Elev. = -16.503
9	13792	4597		3692		15414	5138		69 3702	
	3830		157			7314		154		B.M. 16-9
	3673		154			7160		154		See F.B. 1380-208
	3519		311			7006		308		FOR DESCRIPTION
10	11022	3674		4003	67°	21480	7160		0 4040	
		42300					58803			

F.B. 1380 PG 250

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. E. Dreier Weather Overcast Inst. No. 50010
Notes by E. Landa Time 11:00 - 11:45 Rod No. 78 S

Name L. A. CO. PRECISE LEVEL NET
Job No. 4928
From B.M. 16-9 To B.M. 16-8
Date 6-26-52
Indexed L. A. 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
	7386		153		#7	3900		154		B.M. 16-9
	7233		153			3746		156		See F.B. 1380-208
	7080		306			3590		310		for description
1	21699	7233		306	67	11236	3745		310	
	5331		148			4791		148		
	5183		147			4643		148		
	5036		295			4495		296		
2	15550	5183		601		13929	4643		606	
	5884		269			4470		213		
	5675		209			4257		212		
	5466		478			4045		425		
3	17025	5675		1019		12772	4257		1031	
	5945		212			4910		212		
	5733		211			4698		211		
	5522		423			4487		423		
4	17200	5733		1442		14095	4698		1454	
	5651		211			3574		211		
	5440		210			3363		212		
	5230		421			3151		423		
5	16321	5440		1863		10088	3363		1877	
		29264					20706			

F.B. 1380 PG. 257

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 F. E. Dreier Weather Overcast Inst. No. 56016
Notes by E. Lando Time 11:00 - 11:45 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-9 To B.M. 16-8
Date 6-26-52
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
	6390	29.264	211	1863		4044	20.706	212	1877	
	6179		209			3832		212		
	5970		420			3620		424		
6	18539	6180		2283		11496	3832		2301	
	5915		216			4247		211		
	5699		214			4036		210		
	5485		430			3826		421		
7	17099	5700		2713		12109	4036		2732	
	5721		213			4140		213		Summation of Run
	5508		212			3927		212		B.M. 16-9 To
	5296		425			3715		425		B.M. 16-8
8	16525	5508		3138		11782	3927		3157	
	6268		214			4497		212		Total Backsight = 58.846
	6054		213			4285		211		Total Foresight = 42.343
	5841		427			4074		423		diff in Elev. = + 16.503
9	18163	6054		3565		12856	4285		3580	
F.B. 1390 PG. 252	6362		222			5763		205		B.M. 16-8
	6140		222			5558		207		See F.B. 1380-207
	5918		444			5351		412		for description
10	18420	6140		4005	69°	16672	5557		3992	
		58.846					42.343			

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 C.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by C.E. DREIER Time 1:15 TO 2:10 Rod No. 728

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-9 To B.M. 16-10
Date 6-26-52
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
	5.700		211		#7	6779		215		B.M. 16-9
	5489		211			6564		214		SEE F.B. 1380 : 208
	5278		422			6350		429		FOR DESCRIPTION
1	16467	5489		422	69°	19693	6564		429	
	4181		213			5902		212		T. E. LANDA
	3968		211			5690		212		
	3757		424			5478		424		
2	11906	3969		846		17070	5690		853	
	6453		245			7647		241		
	6208		243			7406		238		
	5965		488			7168		479		
3	18626	6209		1334		22221	7407		1332	
	4395		214			6060		214		
	4181		211			5846		214		
	3970		425			5632		428		
4	12546	4182		1759		17538	5846		1760	
	4122		212			5329		216		
	3910		211			5113		213		
	3699		423			4900		429		
5	11731	3910		2182		15342	5114		2189	
		23759					30621			

F.B. 1380 PG. 253

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 OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 1:15 TO 2:10 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-9 To B.M. 16-10
Date 6-26-52
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
	4597	2.375	217	2.182		6.162	3.621	215	2.189	
	4380		214			5952		215		
	4166		431			5737		430		
6	13143	4.381		2613		17856	5.952		2619	
	4748		213			5080		216		
	4535		212			4864		214		
	4323		425			4650		430		
7	13606	4.535		3038		14594	4.865		3049	
	6572		212			3105		214		
	6360		211			2891		211		
	6149		423			2680		425		
8	19081	6.360		3461		8676	2.892		3474	
	7403		212			4575		213		
	7191		211			4362		210		
	6980		423			4152		423		
9	21574	7.191		3884		13089	4.363		3897	
	4996		212			7020		212		
	4784		211			6808		210		
	4573		423			6598		422		
10	14353	4.784		4307		20426	6.809		4.314	
		51.010					55.702			

F.B. 1380 PG. 254

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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1:15 TO 2:10 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-9 To B.M. 16-10
Date 6-26-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2704	51.010 ✓	212	4.307 ✓		8431	55.502 ✓	212	4319 ✓	
	2492		212			8219		212		
	2280		424 ✓			8007		424 ✓		
11	7.476 ✓	2.492 ✓		4731 ✓		24657 ✓	8.219 ✓		4743 ✓	
	3899		171			6373		169		
	3728		170			6204		166		
	3558		341 ✓			6038 ✓		335 ✓		
12	11.185 ✓	3.728 ✓		5072 ✓		18615 ✓	6.205 ✓		5078 ✓	
	4723		162			6041		163		B.M. 16-10
	4561		161			5878		166		SEE F.B. 1380-209
	4400 ✓		323 ✓			5712 ✓		329 ✓		FOR DESCRIPTION
13	13.684 ✓	4.561 ✓		5395 ✓	68°	17631 ✓	5.877 ✓		5407 ✓	
										SUMMATION OF RUN
										B.M. 16-9 TO B.M. 16-10
										TOTAL BACKSIGHTS = 61.791 ✓
										TOTAL FORESIGHTS = 75.803 ✓
										DIFF. IN ELEVATION = 14.012 ✓
		61.791 ✓					75.803 ✓			

F.B. 1380 PG. 255

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. 1380 PG. 256

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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO 3:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-10 To B.M. 16-9
Date 6-26-52
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
	6078		165		#7	4759		163		B.M. 16-10
	5913		163			4596		164		SEE F.B. 1380-209
	5750 ✓		328 ✓			4432 ✓		327 ✓		FOR DESCRIPTION
1	17741	5914 ✓		328 ✓		13787	4596 ✓		327 ✓	
	6324		172			3868		170		TO E. LANDA
	6172		169			3698		168		
	6003 ✓		341 ✓			3530 ✓		338 ✓		
2	18519	6173 ✓		669 ✓		11096	3699 ✓		665 ✓	
	8397		215			2664		211		
	8182		211			2453		212		
	7971 ✓		426 ✓			2241 ✓		423 ✓		
3	24550	8183 ✓		1095 ✓		7358	2453 ✓		1088 ✓	
	7059		212			5038		213		
	6847		213			4825		209		
	6634 ✓		425 ✓			4616 ✓		422 ✓		
4	20540	6847 ✓		1520 ✓		14479	4826 ✓		1519 ✓	
	4550		212			7375		214		
	4338		213			7161		210		
	4125 ✓		425 ✓			6951 ✓		424 ✓		
5	13013	4338 ✓		1945 ✓		21487	7162 ✓		1934 ✓	
		31455 ✓					22736 ✓			

F.B. 1380 PG. 257

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 OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 2:10 TO 3:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-10 To B.M. 16-9
Date 6-26-52
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
	3.065	31.455	214	1945		6.535	22.736	214	1934	
	2.851		213			6.321		211		
	2.638		427			6.110		425		
6	8.554	2.851		2372		18.966	6.322		2359	
	5.062		214			4.730		214		
	4.848		215			4.516		213		
	4.633		429			4.303		427		
7	14.543	4.848		2801		13.549	4.516		2786	
	6.088		217			4.518		215		
	5.871		213			4.303		213		
	5.658		430			4.090		428		
8	17.617	5.872		3231		12.911	4.304		3214	
	5.393		212			4.194		216		
	5.181		211			3.978		213		
	4.970		423			3.765		429		
9	15.544	5.181		3654		11.937	3.979		3643	
	6.185		213			4.525		215		
	5.972		210			4.310		214		
	5.762		423			4.096		429		
10	17.919	5.973		4077		12.931	4.310		4072	
		56.180					46.167			

F.B. 1380 PG. 258

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 OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 2:10 TO 3:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-10 To B.M. 16-9
Date 6-26-51
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
	7637	56.180	239	4077		6448	46.167	248	4.072	
	7398		239			6199		245		
	7159		478			5954		494		
11	22194	7.398		4555		18601	6.200		4566	
	6250		213			4530		212		
	6037		214			4318		211		
	5823		427			4107		423		
12	18110	6.037		4982		12955	4318		4989	
	6740		216			5658		210		B.M. 16-9
	6524		214			5448		209		SEE F.B. 1380 - 208
	6310		430			5239		419		FOR DESCRIPTION
13	19574	6.525		5412	68°	16345	5.448		5408	
										SUMMATION OF B.M. 16-10 TO B.M. 16-9
										TOTAL BACKSIGHTS + 76.140
										TOTAL FORESIGHTS - 62.133
										DIFF IN ELEVATION + 14.007
		76.140					62.133			

F.B. 1380 PG. 259

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. 1380 PG. 260

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 F.E. Dreier Weather Cloudy Inst. No. 20010
Notes by E. Landa Time 3:00 - 4:00 PM Rod No. 7E8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-10 To B.M. 16-11
Date 6-26-52
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
	5611		197		#7	6193		202		B.M. 16-10
	5414		196			5991		203		See F.B. 1380-209
	5218		393			5788		405		for description
1	16243	5414		393	69°	17972	5991		405	
	3692		217			5323		220		By F. E. Dreier
	3475		215			5103		218		
	3260		432			4885		438		
2	10427	3476		825		15311	5104		843	
	3657		218			5303		216		
	3439		217			5087		216		
	3222		435			4871		432		
3	10318	3439		1260		15261	5087		1275	
	3300		217			4986		214		
	3083		213			4772		212		
	2870		430			4560		426		
4	9253	3084		1690		14318	4773		1701	
	3866		213			4903		214		
	3653		213			4689		213		
	3440		426			4476		427		
5	10959	3653		2116		14068	4689		2128	
		19066					25644			

F.B. 1380 PG. 261

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 L.E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Londa Time 3:00 - 4:00 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-10 To B.M. 16-11
Date 6-26-52
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
	3503	19.066	212	2116		4592	25.644	212	2128	
	3291		212			4380		210		
	3079		424			4170		422		
6	9873	3291		2540		13142	4381		2550	
	2917		216			5064		212		
	2701		214			4852		210		
	2487		430			4642		422		
7	8105	2702		2970		14558	4853		2972	
	3541		213			5050		211		
	3328		215			4839		210		
	3113		428			4629		421		
8	9982	3327		3398		14518	4839		3393	
	3324		216			4873		215		
	3108		216			4658		212		
	2892		432			4446		427		
9	9324	3108		3830		13977	4659		3820	
F.B. 1386 PG. 262	4173		216			5064		214		
	3956		217			4850		213		
	3739		433			4637		427		
10	11868	3956		4263		14551	4850		4247	
		35450					49226			

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 F. E. Drazier Weather Cloudy Inst. No. 520.10
Notes by E. Landa Time 3:00 - 4:00 P.M. Rod No. 75'8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-10 To B.M. 16-11
Date 6-26-52
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
	3995	35.450	215	4263		4747	49.226	214	42471	
	3780		214			4533		214		
	3566		429			4319		428		
11	11341	3780		4692		13599	4533		4675	
	3022		214			4879		211		
	2808		216			4668		211		
	2592		430			4457		422		
12	8422	2807		5122		14004	4668		5097	
	3462		220			4900		222		
	3182		220			4678		223		
	2962		440			4455		445		
13	9546	3182		5562		14033	4678		5542	
	3738		215			4689		216		
	3523		213			4473		213		
	3310		428			4260		429		
14	10571	3524		5990		13422	4474		5971	
	3300		217			4372		213		
	3083		215			4159		214		
	2868		432			3945		427		
15	9251	3084		6422		12476	4159		6398	
		31.827					71.738			

F.B. 1380 PG. 2663

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. E. Dreien Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 3:00 - 4:00 Rod No. 768

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-10 To B.M. 16-11
Date 6-26-52
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
	3980	51.827	238	6422		5705	71.738	227	6398	B.M. 16-11
	3742		238			5478		227		See F.B. 1380-210
	3504		476			5251		454		for description
16	11226	3742		6898	68°	16434	5478		6852	
										Total Backsight = 55.569
										Total Foresight = -77.216
										diff. in Elev. = -21.647
										Summation of Run
										B.M. 16-10 To B.M. 16-11
		55.569					77.216			

F.B. 1380 PG. 264

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 Cloudy Inst. No. 20010
Notes by E. Landa Time 9:30 - 10:30 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-1 To B.M. 16-10
Date 6-27-52
Indexed J. 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
	5128		222		#7	3413		242		B.M. 16-11
	4906		223			3171		241		See F.B. 1380-210
	4683		445			2929		483		for description
1	14717	4906		445	69°	9513	3171		483 4	
	4375		222			3288		209		
	4153		222			3079		208		T G.E. Dreier
	3931		444			2871		417		
2	12459	4153		889		9238	3079		906	
	4189		215			3239		214		
	3974		213			3025		215		
	3761		428			2810		429		
3	11924	3975		1317		9074	3025		1329 30	
	4539		225			3039		217		
	4314		223			2822		217		
	4091		448			2605		434		
4	12944	4315		1765		8466	2822		1763 4	
	4883		216			3020		212		
	4667		215			2808		211		
	4452		431			2597		423		
5	14002	4667		2196		8425	2808		2186 1	
		22016					14905			

F.B. 1381 PG. 265

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 F.E. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 9:30 – 10:30 Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. ~~4900~~ 4923
From B.M. 16-11 To B.M. 16-10
Date 6-27-52
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
	4542	22016	215	2196		3788	14905	214	2186	
	4327		215			3574		213		
	4112		430			3361		427		
6	12981	4327		2626		10723	3574		2613	
	5072		214			4182		217		
	4858		215			3965		216		
	4643		429			3749		433		
7	14573	4858		3055		11896	3965		3046	
	4893		215			3337		213		
	4678		217			3124		212		
	4461		432			2912		425		
8	14032	4677		3487		9373	3124		3471	
	4816		214			3300		213		
	4602		212			3087		212		
	4390		426			2875		425		
9	13808	4603		3913		9262	3087		3896	
	5164		213			3010		213		
	4951		213			2797		212		
	4738		426			2585		425		
10	14853	4951		4339		8392	2797		4324	
		45432					31452			

F.B. 1380 PG. 266

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 F.E. Drolen Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 9:30 -10:30 Rod No. 76 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-1 To B.M. 16-1.0
Date 6-27-52
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
	4479	45.432	213	4339		3389	31.452	213	4324	
	4266		212			3176		213		
	4054		425			2963		426		
11	12799	4266		4764		9528	3176		4744	
	4892		214			3855		213		
	4678		212			3642		214		
	4466		426			3428		427		
12	14036	4679		5190		10925	3642		5174	
	4899		212			3210		217		
	4687		213			2993		213		
	4474		425			2780		430		
13	14060	4687		5615		8983	2994		5604	
	5093		215			3450		220		
	4878		212			3230		220		
	4666		437			3010		440		
14	14637	4879	2	6052		9690	3230		6044	
	5229		217			3600		218		
	5012		217			3382		218		
	4795		434			3164		436		
15	15036	5012		6486		10146	3382		6480	
		68.995					47.876			

F.B. 1380 PG. 267

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. Dreier Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 9:30-10:30 Rod No. 7E 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-11 To B.M. 16-10
Date 6-27-52
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
	5232	68.955	202	6486		4638	47.876	191	6484	B.M. 16-10
	5030		202			4447		192		See F.B. 1380-209
	4828		404			4255		383		for description
16	15090	5030		6890		13340	4447		6863	
										Summation of Run B.M. 16-11 To B.M. 16-10
										Total Backsight = +73.985 ✓ Total Foresight = -52.323 ✓ diff in Elev. = +21.662 ✓
		73.985					52.323			

F.B. 1380 PG. 268

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 CLEARING Inst. No. 50010
Notes by G.E. DREIER Time 10:45 T.O 12:10 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-11 To B.M. 11-119
Date 6-27-52
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
	4098		215		#7	4457		233		B.M. 16-11
	3883		211			4221		231		SEE F.B. 1380-10
	3672		426			3990		464		FOR DESCRIPTION
1	11.653	3.884		426	70°	12.665	4.222		464	
	4228		224			5257		207		
	4004		221			5050		204		TO E. LANDA
	3783		445			4846		411		
2	12.015	4.005		871		15153	5051		875	
	4172		212			5252		214		
	3960		215			5038		218		
	3745		427			4820		432		
3	11.877	3.959		1298		15110	5.037		1307	
	4155		210			5663		213		
	3945		212			5450		214		
	3733		422			5236		427		
4	11.833	3.944		1720		16349	5.450		1734	
	4322		213			5562		215		
	4109		211			5352		213		
	3898		424			5139		428		
5	12.329	4.110		2144		16058	5.353		2162	
		19.902					25.113			

F.B. 1380 PG. 2-67

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 C.E. DREIER Weather CLEARING Inst. No. 50010
Notes by C.E. DREIER Time 10'45 - 12'15 Rod No. 788

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-11 To B.M. 11-119
Date 6-27-52
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
	4448	19902	165	2144		5479	25113	163	2162	
	4278		166			5316		165		
	4112		331			5151		328		
6	12833	4278		2475		15946	5315		2490	
	5180		168			6278		165		
	5012		169			6113		161		
	4843		337			5952		326		
7	15035	5012		2812		18343	6114		2816	
		29192					36342			B.M. 16-12 SEE F.B. 1380-211 FOR DESCRIPTION
	4245		195			5308		207		
	4050		195			5101		203		
	3855		390			4898		410		
8	12150	4050		3202		15307	5102		3226	
	4135		217			5615		218		
	3918		218			5397		219		
	3700		435			5178		437		
9	11753	3918		3637		16190	5397		3663	
		37160					47041			

F.B. 1380 PG. 270

FORM 379 5M 7-48

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. 50010
Notes by G. E. DREIER Time 10:45 TO 12:10 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-11 To B.M. 11-119
Date 6-27-52
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
	4690	37160	222	3637		5818	47041	215	3663	
	4468		223			5603		211		
	4245		445			5392		426		
10	13403	4468		4082		16813	5604		4089	
	3788		215			5490		212		
	3573		213			5278		213		
	3360		428			5065		425		
11	10721	3574		4510		15833	5278		4514	
	4993		216			5585		216		
	4777		215			5369		214		
	4562		431			5155		430		
12	14332	4777		4941		16109	5370		4944	
	4580		211			5638		218		
	4369		211			5420		216		
	4158		422			5204		434		
13	13107	4369		5363		16262	5421		5378	
	4458		215			5970		215		
	4243		211			5755		216		
	4032		426			5539		431		
14	12733	4244		5789		17264	5755		5809	
		58592					74469			

F.B. 4380 PG. 27

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. 50010
Notes by G. E. DREIER Time 10:45 TO 12:10 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-11 To B.M. 11-119
Date 6-27-52
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
	4650	5.859	220	5.789		5760	7.469	210	5.809	
	4430		221			5550		207		
	4209		441			5343		417		
15	13.289	4.430		6.230		16.653	5.551		6.226	
	4.692		212			5428		213		
	4.480		212			5.215		215		SUMMATION OF RUN
	4268		424			5000		428		B.M. 16-11 TO 11-119
16	13.440	4.480		6.654		15.643	5.214		6.654	
	5128		148			4978		148		TOTAL BACKSIGHTS + 78.815
	4980		148			4830		145		TOTAL FORESIGHTS - 98.540
	4832		296			4685		293		DIFF IN ELEVATION - 19.725
17	14.940	4.980		6.950		14.493	4.831		6.947	
	5164		151			2441		150		
	5013		148			2291		148		
	4865		299			2143		298		
18	15.042	5.014		7.249		6.875	2.292		7.245	
	1543		223			6405		222		
	1320		225			6183		221		B.M. 11-119
	1095		448			5962		443		SEE F.B. 1376-106
19	3958	1.319		7.697	77°	18.550	6.183		7.688	FOR DESCRIPTION
		78.815	X				98.540	X		

F.B. 1380 PG. 272

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. 50010
Notes by G.E. DREIER Time 1:30 TO Rod No. 788

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-119 To B.M. 16-11
Date 6-27-52
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
	6.401		221		#7	1543		225		B.M. 11-119
	6180		224			1318		223		SEE F.B. 1376
	5956		445			1095		448		FOR DESCRIPTION
1	18537	6179		445	79°	3956	1319		448	
	3145		150			5865		148		AT E. LANCA
	2995		149			5717		149		
	2846		299			5568		297		
2	8986	2995		744		17150	5717		745	
	5080		148			5232		150		
	4932		145			5082		146		
	4787		293			4936		296		
3	14799	4933		1037		15250	5083		1041	
	5463		215			4735		215		
	5248		211			4520		212		
	5037		426			4308		427		
4	15748	5249		1463		13563	4521		1468	
	5730		213			4612		215		
	5517		215			4397		215		
	5302		428			4182		430		
5	16549	5516		1891		13191	4397		1898	
		24872					21037			

F.B. 1380 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 C. E. DREIER Time 1:30 TO Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-119 To B.M. 16-11
Date 6-27-52
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
	5.876	24.872	216	1.891		4359	21.037	212	1.898	
	5660		217			4147		209		
	5443		433			3938		421		
6	16979	5.660		2324		12444	4.148		2319	
	5468		218			4415		214		
	5250		215			4201		212		
	5035		433			3989		426		
7	15753	5.251		2757		12605	4.202		2745	
	5348		217			4758		215		
	5131		213			4543		214		
	4918		430			4329		429		
8	15397	5.132		3187		13630	4.543		3174	
	5188		216			3488		216		
	4972		212			3272		214		
	4760		428			3058		430		
9	14920	4.973		3615		9818	3.273		3604	
F.B. 1380 PG. 274	5850		218			4712		218		
	5632		220			4494		214		
	5412		438			4280		432		
10	16894	5631		4053		13486	4495		4030	
		51.519					41.698			

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. 50010
Notes by G.E. DREIER Time 1:30 TO 2:50 Rod No. 788

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-119 To B.M. 16-11
Date 6-27-52
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
	5718	51519	218	4053		4242	41.698	220	4036	
	5500		215			4022		217		
	5285		433			3805		437		
11	16503	5.501		4486		12.069	4023		4473	
	5488		205			4425		195		
	5283		203			4230		193		
	5080		408			4037		388		
12	15851	5.284		4894		12692	4.231		4.861	
		62.304					49.952			B.M. 16-12 SEE F.B. 1380-211 FOR DESCRIPTION
	5771		166			4677		177		
	5605		165			4500		177		
	5440		331			4323		354		
13	16816	5605		5225		13500	4500		5215	
	5568		168			4532		163		
	5400		164			4369		163		
	5236		332			4206		326		
14	16204	5.401		5557		13107	4.369		5.541	
		73.310					58.821			

F.B. 1380 PG. 275

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. 50010
Notes by G.E. DREIER Time 1:30 TO 2:30 Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-119 To B.M. 16-11
Date 6-27-52
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
	5.869	73.310 ✓	215	5.557 ✓		4.625	58.821 ✓	215	5.541 ✓	
	5.654		214			4.410		212		
	5.440		429 ✓			4.198		427 ✓		
15	16.963 ✓	5.654 ✓		5.986 ✓		13.233 ✓	4.411 ✓		5.968 ✓	
	5.885		214			4.381		211		
	5.671		213			4.170		210		SUMMATION OF RUN
	5.458		427 ✓			3.960		421 ✓		B.M. 11-119 TO B.M. 16-11
16	17.014 ✓	5.671 ✓		6.413 ✓		12.511 ✓	4.170 ✓		6.389 ✓	
	5.410		209			4.343		221		TOTAL BACKSIGHTS + 100.806 ✓
	5.201		208			4.122		222		TOTAL FORESIGHTS - 81.113 ✓
	4.993		417 ✓			3.900		443 ✓		DIFF IN ELEV + 19.693 ✓
17	15.604 ✓	5.201 ✓		6.830 ✓		12.365 ✓	4.122 ✓		6.832 ✓	
	5.855		215			4.809		211		
	5.640		212			4.598		215		
	5.428		427 ✓			4.383		426 ✓		
18	16.923 ✓	5.641 ✓		7.257 ✓		13.790 ✓	4.597 ✓		7.258 ✓	
	5.558		228			5.208		216		
	5.330		230			4.992		215		B.M. 16-11
	5.100		458 ✓			4.777		431 ✓		SEE F.B. 1380-210
19	15.988 ✓	5.329 ✓		7.715 ✓	76°	14.977 ✓	4.992 ✓		7.689 ✓	FOR DESCRIPTION
		100.806 ✓					81.113 ✓			

F.B. 1380 PG. 276

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 E. Londa Time 10:30 - 11:20 Rod No. 788

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-12 To B.M. 11-119
Date 6-30-52
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
	4433		194		7	5.496		205		B.M. 16-12
	4239		192			5.291		204		SEE F.B. 1310: 611
	4047		386			5087		409		FOR DESCRIPTION
1	12719	4.24		386	76°	15874	5.291		409	
	4129		216			5610		218		
	3913		213			5392		219		T GE. DREIER.
	3700		429			5173		437		
2	11742	3.914		815		16175	5.392		846	
	4683		215			5822		217		
	4468		215			5605		218		
	4253		430			5387		435		
3	13404	4468		1245		16814	5605		1281	
	3416		215			5119		214		
	3201		213			4905		213		
	2988		428			4692		427		
4	9605	3202		1673		14716	4905		1708	
	3934		213			4526		215		
	3721		214			4311		213		
	3507		427			4098		428		
5	11162	3721		2100		12935	4312		2136	
		19.915					25.505			

F.B. 1301 PG. 277

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 E. Landa Time 10:30 - 11:20 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-12 To B.M. 11-119
Date 6-30-52
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
	3502	19.545	217	2100		4548	25.305	213	2130	
	3285		216			4335		213		
	3069		453			4122		426		
6	9856	3285		2533		13005	4335		2562	
	4350		210			5868		217		
	4140		210			5651		214		
	3930		420			5437		431		
7	12420	4140		2953		16956	5652		2993	
	4560		217			5679		210		
	4343		217			5469		211		
	4126		434			5258		421		
8	13029	4343		3387		16406	5469		3414	
	4770		215			5490		208		
	4555		217			5282		204		
	4338		437½	19		5078		416½	20	
9	13663	4554		3830		15850	5283		3850	
	5110		148			4958		146		
	4962		149			4812		144		
	4813		297			4668		290		
10	14885	4962		4137		14438	4813		4120	
		10.829					5.057			

F.B. 1380 PG. 278

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. 50010
Notes by E. Londa Time 10:30-11:20 Rod No. 788

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 16-12 To B.M. 11-119
Date 6-30-52
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
	5729	40.829	+50	413 16		3003	51.057	149	420 16	
	5579		149			2854		148		
	5430		299			2706		297		
11	16738	55791		44 15/20		8563	28541		441 3/4	
	1563		222			6427		224		B.M. 11-119
	1341		222			6203		221		SEE F.B. 1376-106
	1119		444			5982		445		FOR DESCRIPTION
12	10231	13411		482 59/60	83°	18612	62041		486 58/60	
										SUMMATION OF RUN
										B.M. 16-12 TO B.M. 11-119
										TOTAL BACKSIGHTS = 47.749
										TOTAL FORESIGHTS = 60.115
										DIFF IN ELEVATION = 12.366
		47.749					60.115			

F.B. 1380 PG. 279

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. 1380 PG. 280

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 F. E. Dreier Weather Clear Inst. No. 50010
Notes by F. Londa Time 1:00 - 2:00 Rod No. 768

Name L. A. CO. PRECISE LEVEL NET
Job No. 1923
From B.M. 11-19 To B.M. 16-12
Date 6-30-52
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
	7050		223		#7	2192		222		B.M. 11-19
	6827		222			1970		222		See F.B. 1926-106
	6605		445			1748		444		for description
1	20482	6827		445	85°	5910	1970		444	
	2581		149			5299		148		T.G.E. Dreier
	2432		149			5151		149		
	2283		298			5002		297		
2	7296	2432		743		15452	5151		741	
	4962		145			5117		148		
	4817		146			4969		146		
	4671		291			4823		294		
3	14450	4817		1034		14909	4970		1035	
	5486		212			4754		213		
	5274		214			4541		212		
	5060		426			4329		425		
4	15820	5273		1460		13624	4541		1460	
	5468		213			4352		214		
	5255		214			4138		215		
	5041		427			3923		429		
5	15764	5255		1887		12413	4138		1889	
		21604					20770			

F.B. 1380 PG. 2-81

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. 50010
Notes by E. Landa Time 1:00 - 2:00 Rod No. 758

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-119 To B.M. 16-12
Date 6-30-52
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
	5859	24604	217	1887		4339	20,770	210	1889	
	5642		215			4129		210		
	5427		432			3919		420		
6	16928	5643		2319		12387	4129		2309	
	5522		213			4476		215		
	5309		215			4261		213		
	5094		428			4048		428		
7	15925	5308		2747		12785	4262		2737	
	5337		212			4748		216		
	5125		211			4532		215		
	4914		423			4317		431		
8	15376	5125		3170		13597	4532		3168	
	4996		211			3300		213		
	4785		214			3087		215		
	4571		425			2872		428		
9	14352	4784		3595		9259	3086		3596	
	5749		218			4607		215		
	5531		218			4392		215		
	5313		436			4177		430		
10	16593	5531		4031		13176	4392		4026	
		50,995					41,171			

F.B. 1380 PG. 282

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 E. Landa Time 1:00 - 2:00 Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-119 To B.M. 16-12
Date 6-30-57
Indexed L.O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5529	50.995	218	4031		4053	41.171	214	4026	
	5311		216			3839		218		
	5095		434			3621		432		
11	15935	15312	4465			11513	13838	4458		
	5427		208			4354		193		B.M. 16-12
	5219		208			4161		194		See E.B. 1380 - 211
	5011		416			3967		387		for description
12	15657	15219	4881	87		12482	14161	4815		
										Summation of Run
										B.M. 11-119 to B.M. 16-12
										Total Backsights = 61,526
										Total Foresights = 49,170
										Diff. in Elev. = 12,356
		61.526					49170			

E.B. 1380 PG. 2&3

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. 379 PG. 29

NOTES RED. _____ JOB NO. 0303.00 SURVEY OF Preservation of Mon
DATE _____ SURVEY BY M.A. Van Deren
NOTES CHKD. _____ NOTES BY Van DATE 12-22-54
DATE _____ INDEXED A. C. Johnson DATE 12-24-54

J. N. 0303.00

PRECISE

Bench Mark Levels

PRESERVATION OF MONUMENTS

TRANSFER OF DATUM FROM B.M. 16-8 TO B.M. 16-8A

12-22-54
Van Deren
Richards
Bazen
Nunez

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.

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

Do not extend notes this side of this line

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

765420 353 8-49

765420 353 8-49

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

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

JOB NO. 6303.00 SURVEY OF Preservation of Man NOTES RED.
SURVEY BY M.A. Van Deren DATE
NOTES BY Van & C. Johnson DATE 12-22-54 NOTES CHKD.
INDEXED DATE

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						16-8 Elev = 365.063 FB 1380-207 Puente Ave. at the angle point. 190' South of Clydewood Ave. in a well cut through the pavement and protected by a cast iron cover Marked "County Surveyor Monument" a standard County Surveyor Monument Marked. "R.E. 2177" set in conc 18" below the Surface
16-8	365.063					
+ 35'	5.938		6.051			
↑	371.001	1.220	1.220			
− 35'	4.718		4.831			
(B.C.F.) 16-8A"	366.283					16-8A" Elev =
+ 35'	4.783		6.017			Puente Ave. (E. side) 150' ± South E Clydewood Ave.
↑	371.066	1.220	1.220			
− 35'	6.003		4.797			set Bt. Spk in curb. 39' North of the South end of curb.
16-8	365.063					FOR New description see FB 3712-23 W. 4-6-56
						B.M. 16-8 Elev = 365.063 FB 1380-207 Puente Ave at the angle point. 190' South of Clydewood Ave. in a well cut through the pavement and protected by a cast iron cover Marked "County Surveyor Monument" a standard County Surveyor Monument. Marked "R.E. 2177" set in Conc 18" below the surface
"Note" see FB 1380-287 For Transfer of Elev From BM 16-8A" To BM 16-8 Mon in place after Const 5-12-55 Van						

FB 1380 Pg. 206

765420 353 2M 3-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM16-8A	366.283					BM16-8"A" Elev= 366.283 FB 1380-286
+ 35'	4.115		4.042			Puente Ave (E. side) 150'± South of the ℄
⊼	370.398	-1.220	1.121			of Clydewood Ave.
(Fd) 35'	5.335		5.263			Fd Bt Spk in curb. 39' No of the So end
16-8	365.063					of Curb.
+ 35'	5.328		5.245			
⊼	370.391	-1.220	1.220			16-8 Elev = 365.063 FB 1380-207-286
(Fd) 35'	4.108		4.025			Puente Ave. at the angle point 150'± So.
BM16-8'A'	366.283					of ℄ Clydewood Ave. in a well cut
						through the Pavement and protected
						by a cast iron cover Marked
						"County Surveyor Mon." a Standard
						County Surveyor Mon Marked R.B. 2172
						set in Conc 16" below the surface.
						BM 16-8'A" Elev= 366.283 FB 1380-286
						Puente Ave. (E. side) 150'± So. of the
						℄ of Clydewood Ave.
						Bt Spk in conc curb. 39' No of the
						So. end of curb.

NOTES RED. _____ JOB NO. 0303.00 SURVEY OF Preservation of Mon
DATE _____ SURVEY BY M.A. Van Dorren
NOTES CHKD. _____ NOTES BY [illegible] DATE 5-12-55
DATE _____ INDEXED L. C. Johnson DATE _____

1960 PG. 285

JOB NO. 0303.00 SURVEY OF Preservation of Mon NOTES RED.
SURVEY BY M. A. Van Deren DATE
NOTES BY Van DATE 5-12-55 NOTES CHKD.
INDEXED DATE DATE

FORM 353 2M 3-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
315 CIVIC CENTER BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

Notes Ck'd by	Survey of L.A. Co PRECISE LEVEL NET
Map No.	W.O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by DREIER
Checked	Notes DREIER Date 5-28-56
Date	Indexed E. C. Johnson 6-2-56

F.B. 1580 PG. 289

JOB No. 0301.02

L.A. Co PRECISE LEVEL NET

ADDITIONAL B.M.S IN LINE 16 TO REPLACE B.M.S NOT RECOVERED

B.M. 16-4A
B.M. 16-11A
B.M. 16-12A

DREIER
MOODY
OHASHI
DOVER
MELENDEZ

Elev on 16-11A
16-12A
run in field - not adjusted
FB 2404
7-30-57

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

Do not extend notes this side of this line.

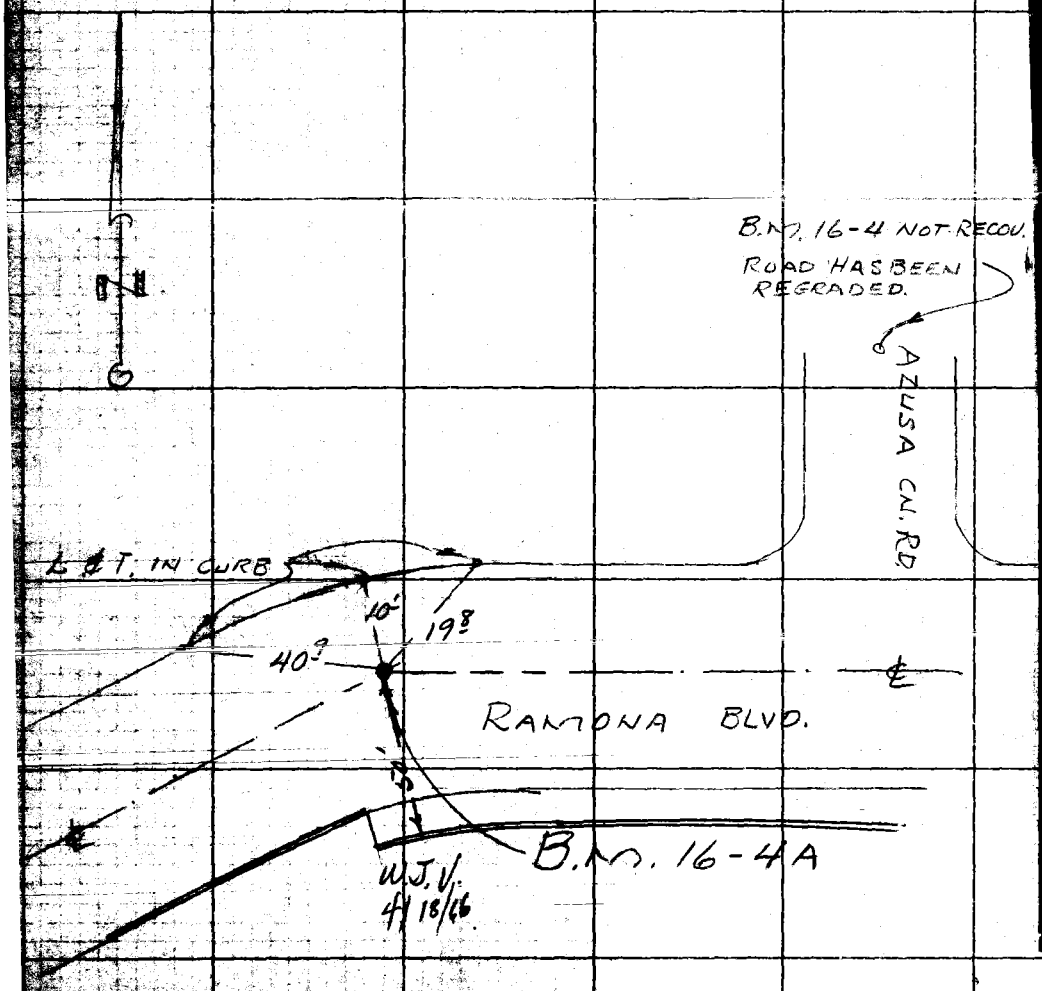
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 S&E #247. 8-54

B.M. 16-4A

RAMONA BLVD AT FIRST P.I. WEST OF AZUSA CANYON ROAD, A STD 2" BRASS DISC. STAMPED "L.A. CO. RD. 1930" 9 INCHES BELOW THE SURFACE PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

Ties

40.9 S E of L&T in curb
10.0 S. of L&T " "
19.8 SW of L&T " "

W. Voge 4-5-66