F.B. 1352 PG. 5

ADDITIONAL B.M.'S TO LINE No. 30 AND RERUN OF LINE No 30 AND RERUN OF PORTIONS OF LINES No. 5 AND 8

JOB No. 4923

L.A. Co. PRECISE LEVEL NET

G.E. DREIER
E. LANDA
T. OHASHI
M. SONNENSCHEIN
A. SMITH
R. RODRIGUEZ

Rerun of portion of Line No. 30 between B.M's. 30-30, 30-31, and 30-32, April 1954
See Pgs 221

Chief of Party
Notes by

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals

Name
Job No.
From
To
Checked Johnson 10-13-53

DESCRIPTION AND REMARKS

Weather
Time
No.

DO NOT EXTEND NOTES ... THIS LINE

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1352 PG. 6

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 3:30 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-30 To B.M. 30-33
Date 9-14-53
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
	5.263		193			5.224		193		B.M. 30-30 (LONG BEACH K-5)
	5.070		190			5.031		192		PAC. COAST HWY & ALAMITOS BAY
	4.880		383 ✓			4.839		385 ✓		SEE F.B. 1396-31
1	15.213	5.071 ✓		383 ✓	78°	15.094 ✓	5.031 ✓		.385 ✓	FOR DESCRIPTION
	4.590		197			5.553		196		
	4.393		193			5.357		193		
	4.200		389 ✓			5.164 ✓		389 ✓		TO E. LANDA
2	13.183 ✓	4.394 ✓		773 ✓		16.074 ✓	5.358 ✓		.774 ✓	
	4.604		194			5.282		192		
	4.410		191			5.090		192		
	4.219		385 ✓			4.898 ✓		384 ✓		
3	13.233 ✓	4.411 ✓		1.158 ✓		15.270 ✓	5.090 ✓		1.158 ✓	
	5.148		193			4.762		196		
	4.955		192			4.566		194		
	4.763		385 ✓			4.372 ✓		390 ✓		
4	14.866 ✓	4.955 ✓		1.543 ✓		13.700 ✓	4.567 ✓		1.548 ✓	
	5.391		195			5.113		194		
	5.196		195			4.919		194		
	5.001		390 ✓			4.725 ✓		388 ✓		
5	15.588 ✓	5.196 ✓		1.933 ✓		14.757 ✓	4.919 ✓		1.936 ✓	
		24.027 ✓					24.965 ✓			

F.B. 1352 PG. 7

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 11:30 to 3:30 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-30 To B.M. 30-33
Date 9-14-53
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
	5.690	24.027 ✓	194	1.933 ✓		5.474	24.965 ✓	195	1.936 ✓	
	5.496		193			5.279		194		
	5.303		387 ✓			5.085		389 ✓		
6	16.489	5.496 ✓		2.320 ✓		15.838	5.279 ✓		2.325 ✓	
	5.521		191			4.839		190		
	5.330		192			4.649		190		
	5.138		383 ✓			4.459		380 ✓		
7	15.989	5.330 ✓		2.703 ✓		13.947	4.649 ✓		2.705 ✓	
	4.674		194			4.787		193		
	4.480		193			4.594		193		
	4.287		387 ✓			4.401		386 ✓		
8	13.441	4.480 ✓		3.090 ✓		13.782	4.594 ✓		3.091 ✓	
	4.490		192			5.189		195		
	4.298		192			4.994		192		
	4.106		384 ✓			4.802		387 ✓		
9	12.894	4.298 ✓		3.474 ✓		14.985	4.995 ✓		3.478 ✓	
	4.751		193			5.323		193		
	4.558		194			5.130		196		
	4.364		387 ✓			4.934		389 ✓		
10	13.673	4.558 ✓		3.861 ✓		15.387	5.129 ✓		3.867 ✓	
		18.189 ✓					19.611 ✓			

F.B. 1357 PG. 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 CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 3:30 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-30 To B.M. 30-33
Date 9-14-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.565	4.189	195	3.861		4.670	4.961	196	3.867	
	4.370		192			4.474		194		
	4.178		387			4.280		390		
11	13.113	4.371		4.248		13.424	4.475		4.257	
	4.707		207			6.003		204		
	4.500		203			5.799		204		
	4.297		410			5.595		408		
12	13.504	4.501		4.658		17.397	5.799		4.665	
		57.061					59.885			B.M. 30-31 (LONG BEACH K-6) PACIFIC COAST Hwy ±354 FT N. OF N'LY SIDE CAL. REF. BLDG. SEE F.B. 1396-32 FOR DESCRIPTION
	6.993		192			4.791		194		
	6801		191			4.597		195		
	6.610		383			4.402		389		
13	20.404	6.801		5.041		13.790	4.597		5054	
	5.071		193			4.483		193		
	4.878		190			4.290		192		
	4.688		383			4.098		385		
14	14.637	4.879		5424		12.871	4.290		5439	
		68.741					68.772			

F.B. 1352 PG. 9

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 G. E. DREIER Time 1:30 TO 5:30 Rod No. 9 & 10

Name L. A. CO PRECISE LEVEL NET
Job No. 4923
From B.M. 30-30 To B.M. 30-33
Date 9-14-53
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
	5459	68.741	197	5424		3569	68.772	195	5439	SUMMATION OF RUN
	5262		193			3374		193		TOTAL BACKSIGHTS +90.600
	5069		390			3181		388		TOTAL FORESIGHTS -85.793
15	15790	5.263		5814		10124	3.375		5827	DIFF 30-30 TO 30-33 +4.807
	6961		171			3650		170		30-30 TO 30-31 - 2.824
	6790		170			3480		169		30-31 TO 30-32 + 9.299
	6620		341			3311		339		30-32 TO 30-33 - 1668
16	20377	6.790		6155		10441	3.480		6166	
	5603		172			4292		169		B.M. 30-32 (LONG BEACH L-6)
	5431		169			4123		166		PAC. COAST HWY & SAN GABRIEL RIVER
	5262		341			3957		335		SEE F.B. 1396-33
17	16296	5.432		6496		12372	4.124		6501	FOR DESCRIPTION
		86.226					79.751			
	4470		097			6143		102		B.M. 30-33 (L.B.L-6 RM #1)
	4373		095			6041		100		PAC. COAST HWY & SAN GABRIEL RIVER
	4278		192			5941		202		SEE F.B. 1396-33
18	13121	4.374		6688	.50	18125	6.042		6703	FOR DESCRIPTION
		90.600					85.793			

F.B. 352 PG. 10

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 10:15 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-33 To B.M. 30-30
Date 9-15-53
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
	6.275		097			4.604		096		B.M. 30-33 (L.B.L-6 R.M. #1) RIVER
	6.178		099			4.508		097		PACIFIC COAST HWY & SAN GABRIEL
	6.079	7	196			4.411		193		SEE F.B. 1396-33
1	18.533	6.178		196.	64°	13.523	4.508		193	FOR DESCRIPTION
	2									B.M. 30-32 (LONG BEACH L-6) RIVER
										PAC. COAST HWY & SAN GABRIEL
										SEE F.B. 1396-33
										FOR DESCRIPTION
	4.372		169			5.682		170		
	4.203		165			5.512		170		
	4.038		334			5.342		340		⊼ E. LANDA
2	12.613	4.204		530.		16.536	5.512		533	
	3.685		170			6.996		171		
	3.515		169			6.825		170		
	3.346		339			6.655		341		
3	10.546	3.515		.869		20.476	6.825		874	
	3.911		194			5.800		196		
	3.717		194			5.604		193		
	3.523		388			5.411		389		
4	11.151	3.717		1.257		16.815	5.605		1.263	
		17.614					22.450			
		3								

F.B. 1352 PG. 11

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 8:30 TO 10:15 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-33 To B.M. 30-30
Date 9-15-53
Indexed M. 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
	4922	7.614/3	193	1.257		5.511	22.450	194	1.263	
	4.729		192			5.317		193		
	4537		385			5.124		387		
5	14188	4.729		1.642		15.952	5.317		1650	
	5090		196			7.290		191		
	4.894		193			7099		191		
	4701		389			6908		382		
6	14.685	4.895		2.031		21.297	7.099		2032	
		27.238/7					34.866			BM. 30-31 (LONG BEACH K-6) PAC. COAST HWY N. OF S.G. RIVER SEE F.B. 1396-32 FOR DESCRIPTION
	6.639		204			5346		207		
	6.435		202			5139		206		
	6.233		406			4933		413		
7	19.307	6.436		2437		15.418	5.139		2.445	
	5.404		194			5.300		195		
	5210		198			5.105		194		
	5012		392			4911		389		
8	15626	5.209		2.829		15316	5.105		2.834	
		38.883/2					45.110			

F.B. 1352 PG. 12

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 8:30 TO 10:15 Rod No. 9810

Name L. A. CO PRECISE LEVEL NET
Job No. 4923
From B.M. 30-33 To B.M. 30-30
Date 9-15-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5852	38.888 ½	195	2829		5.280	45.110	193	2.834	
	5.657		196			5.087		193		
	5461		39 N			4.894		386		
9	16.970	5.657		3.220		15.261	5.087		3.220	
	5694		195			4.993		193		
	5.499		196			4.800		189		
	5.303		391			4.611		382		
10	16.496	5.499		3.611		14.404	4.801		3.602	
	5.470		193			5.359		195		
	5.275		193			5.167		192		
	5.082		388			4.970		387		
11	15827	5.276		3.999		15489	5.163		3.989	
	5140		191			5.820		192		
	4.949		191			5.628		192		
	4.758		382			5.436		384		
12	14.847	4.949		4.381		16.884	5.628		4.373	
	5458		197			5.670		193		
	5.258		193			5.477		194		
	5.065		390			5.283		387		
13	15.778	5.259		4.771		16.430	5.477		4.760	
		65.523 ½					71.266			

F.B. 1352 PG. 13

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 8:30 TO 10:15 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-33 To B.M. 30-30
Date 9-15-53
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
	5.093	6.552 3	195	4.771		5.367	7.266	193	4.760	
	4.898		195			5.174		194		
	4.703		390			4.980		387		
14	14.694	4.898		5.161		15.521	5.174		5.147	SUMMATION OF RUN
	4.936		197			5.320		190		TOTAL BACKSIGHTS + 91.313
	4.739		196			5.130		192		TOTAL FORESIGHTS - 96.126
	4.543		393			4.938		382		DIFF. 30-33 TO 30-30 - 4.809
15	14.218	4.739		5.554		15.388	5.129		5.529	" 30-33 TO 30-32 + 1.679
	5.439		192			4.762		194		" 30-32 TO 30-31 - 9.298
	5.247		191			4.568		195		" 30-31 TO 30-30 + 2.820
	5.056		383			4.373		389		
16	15.742	5.247		5.937		13.703	4.568		5.918	
	5.737		195			4.775		196		
	5.542		191			4.579		192		
	5.351		386			4.387		388		
17	16.630	5.543		6.323		13.741	4.580		6.306	
	5.558		190			5.603		194		B.M. 30-30 (LONG BEACH K-5)
	5.368		190			5.409		195		PAC. COAST HWY & ALAMITOS BAY
	5.178		380			5.214		389		SEE F.B. 1396-31
18	16.104	5.368		6.703	65°	16.226	5.409		6.695	FOR DESCRIPTION
		91.313					96.126			

F.B. 1352 PG. 14

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 E. Landa Time 10:50 to 2:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 1923
From B.M. 30-33 To B.M. 30-34
Date 9-15-53
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
	7265		197		#9	11551		200		B.M. 30-33 (L.B.L.L.R.M.9)
	7068		198			11351		200		Pac. Cst. Hwy. & San Gabriel R.
	6850		395 ✓			11151		400		See F.B. 1396-33
1	21143	7.048 ✓		395 ✓	65°	33053	11.351 ✓		400 ✓	for description
	1610		201			4759		202		
	1609		201			4557		203		↑ C.E. Dreier
	1208		402 ✓			4354		405 ✓		
2	4227	1.409 ✓		797 ✓		13670	4.557 ✓		805 ✓	
	4868		196			5337		197		
	4672		193			5140		198		
	4481		387 ✓			4942		395 ✓		
3	14023	4.674 ✓		1184 ✓		15419	5.140 ✓		1200 ✓	
	4033		145			6141		169		
	3888		147			5998		148		
	3741		292 ✓			5850		297 ✓		
4	11662	3.887 ✓		1476 ✓		17995	5.998 ✓		1497 ✓	
										B.M. 30-34 (F.C.B.M. 72-94)
										San Gabriel River
										See F.B. 1396-34
										for description
		17.018 ✓					27.066 ✓			

F.B. 1352 PG. 15

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 E. Landa Time 10:50 to Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-33 To B.M. 30-36
Date 9-15-53
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
	6469	17.018	192	1476		4149	27.046	196	1497	
	6277		190			3953		195		
	6087		382			3758		391		
5	18833	6.278		1858		11860	3.953		1888	
	4852		199			5262		185		
	4653		199			5077		187		
	4454		398			4890		372		
6	13959	4.653		2256		15229	5.076		2260	
	6212		194			2982		192		
	6018		191			2790		193		
	5827		385			2597		385		
7	18057	6.019		2641		8369	2.790		2645	
	5011		195			7619		194		
	4816		195			7425		192		
	4621		390			7233		386		
8	14448	4.816		3031		22277	7.426		3031	
	5660		83			8122	26.291	71		
	5577		85			8051		73		
	5492		168			7978		144		
9	16729	5.576		3199		24151	8.050		3175	
		44.360					54.341			

F.B. 1352 PG. 16

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 E. Landa Time 9:50 to Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 6923
From B.M. 30-33 To B.M. 30-36
Date 9-15-53
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
		11.360		3199			5.134		3175	B.M. 30-35 (F.C.B.M. 72-31)
	1					1				San Gabriel River
										See F.B. 1396-33A
										for description
	7520		190			5403		195		
	7330		189			5208		197		
	7141		379			5011		392		
10	21991	7.330		3578		15622	5.207		3567	
	5895		198			4531		198		
	5697		197			4333		190		
	5500		395			4139		392		
11	17092	5.697		3973		13003	4.334		3959	
	6108		196			3525		195		
	5912		196			3330		193		
	5716		392			3137		388		
12	17736	5.912		4365		9992	3.333		4367	
	4428		196			6782		196		
	4232		192			6588		191		
	4040		388			6397		385		
13	12700	4.233		4753		19767	6.589		4732	
		67.532					13.802			

F.B. 1352 PG. 17

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 E. Landa Time 9:50 to 2:00 Rod No. 9E10

Name L. A. CO. PRECISE LEVEL NET
Job No. 1923
From B.M. 30-33 To B.M. 30-36
Date 9-15-53
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
	5046	67.532	193	4753		6241	73.802	191	4732	
	4831		193			6050		192		SUMMATION OF RUN
	4638		386			5858		383		TOTAL BACKSIGHTS +87.252
10	14693	6.831		5139		18149	6.050		5115	TOTAL FORESIGHTS -95.513
	5470		198			6272		192		DIFF. 30-33 TO 30-36 -8.261
	5272		195			6080		192		" 30-33 TO 30-34 -10.028
	5077		393			3888		384		" 30-34 TO 30-35 +0.047
15	15819	5.273		5532		12249	6.080		5099	" 30-35 TO 30-36 +1.720
	6491		191			6922		200		
	6300		189			6722		197		
	6111		3??			6525		397		
16	12902	6.301		5912		14169	6.723		5896	
	5522		207			7063		204		B.M. 30-36 (F.C.B.M. 72-47)
	5315		206			6859		206		San Gabriel River
	5109		413			6653		410		See F.B. 1396-34-A
17	15924	5.315		6325	75°	20575	6.858		6306	for description

F.B. 1352 PG. 18

87.252 95.513

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. Landa Time 2:00 to 3:15 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-33
Date 9-15-53
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
	7099		204		#9	5557		208		B.M. 30-36 (F.C.&S.M. 72-47)
	6895		208			5349		206		San Gabriel River
	6687		412			5143		414		See F.B. 1396-34A
1	20681	6.894		412	75°	16019	5.350		414	for description
	5115		193			4701		199		
	4922		191			4502		197		T G.E. Dreier
	4731		384			4305		396		
2	14768	4923		796		13508	4.503		810	
	4263		190			5467		198		
	4053		193			5269		197		
	3860		383			5052		395		
3	12156	4.052		1179		15768	5.269		1205	
	6278		190			5068		197		
	6088		190			4871		193		
	5898		380			4678		390		
1	18264	6.088		1559		14617	4.872		1595	
	6795		198			4630		190		
	6597		198			4440		188		
	6399		396			4052		378		
5	19791	6.597		1955		12722	4.241		1973	
		28.554					24.215			

F.B. 1352 PG. 19

FORM 379 5M.7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Londo Time 2:00 to 3:35 Rod No. 9E10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-33
Date 9-15-53
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
	3773	28.552	204	1955		6387	22.215	192	1973	
	3569		201			6155		191		
	3368		205			5964		383		
6	10710	3.570		2360		18606	6.155		2356	
	6755		196			6115		197		
	6559		197			5918		196		
	6362		393			5722		393		
7	13672	4.559		2753		17755	5.918		2749	
	5433		194			7550		191		
	5239		194			7359		190		
	5045		388			7169		381		
8	15717	5.239		3141		22078	7.359		3130	
		41.922					43.627			B.M. 30-35 (F.C.B.M. 72-31)
	1					1				San Gabriel River
										See F.B. 1396-33A
										for description
F.B. 1352 PG. 20	8040		72			5580		83		
	7968		71			5497		82		
	7897		143			5413		167		
9	23905	7.968		3284		16490	5.497		3297	
		49.890					49.124			

FORM 379 SM 7-40

PLEASE RETURN TO
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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 E. Londa Time 2:00 To 3:15 Rod No. 986

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-33
Date 9-15-53
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
	7627	9.890	195	3282		5013	9.144	198	3297	
	7432		193			4819		196		
	7239		388			4623		390		
10	22298	7.433		3672		14455	4.818		3687	
	3079		192			6313		193		
	2887		190			6120		193		
	2697		382			5927		386		
11	8663	2.888		4056		18360	6.120		4073	
	5229		191			4806		195		
	5038		190			4611		195		
	4848		381			4416		390		
12	15115	5.038		4035		13833	4.611		4063	
	4226		196			6561		190		
	4030		197			6351		191		
	3833		393			6160		381		
13	12089	4.030		4828		19052	6.351		4814	
	1					1				B.M. 30-36 (F.C.B.M. 72-9A) San Gabriel River See F.B. 1396-36 for description
		69.279					71.044			

F.B. 1352 PG. 21

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 E. Landa Time 2:00 To 3:15 Rod No. 9&10

Name L.A. CO. PRECISE LEVEL NET
Job No. 6923
From B.M. 30-36 To B.M. 30-33
Date 9-15-52
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
	5868	69.279	146	4828		3753	71.024	144	4824	
	5722		145			3609		146		
	5577		291			3463		290		SUMMATION OF RUN
16	17167	5.722		5119		10825	3.608		5134	TOTAL BACKSIGHTS + 96.117
	5295		197			4823		193		TOTAL FORESIGHTS - 87.843
	5098		198			4630		192		DIFF. 30-36 TO 30-33 + 8.274
	4900		395			4438		385		" 30-36 TO 30-35 - 1.725
15	15293	5098		5516		13891	4.630		5519	" 30-35 TO 30-34 - 0.040
	4917		201			1765		203		" 30-34 TO 30-33 + 10.039
	4716		201			1562		202		
	4515		402			1360		405		
16	14148	4.716		5916		4687	1.562		5924	
	11502		200			7198		199		B.M. 30-33 (1.B.L-6 R.M #1)
	11302		199			6999		199		Pac. St. Hwy. & San Gabriel Rv.
	11103		399			6800		398		See F.B. 1396-33
17	33907	11.302		6315	73°	20997	6.999		6322	for description

F.B. 1352 PG. 22

96.117 87.843

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 Overcast Inst. No. 50010
Notes by E. Lancla Time 11:35 To 12:15 Rod No. 9610

Name L. A. CO. PRECISE LEVEL NET
Job No. C923
From B.M. 30-33 To B.M. 30-36
Date 9-16-53
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
	6212		207			10510		201		B.M. 30-33 (L.B.L.6 R.M.#1)
	6005		206			10309		201		Pac. Cst. Hwy & San Gab. River
	5799		413 ✓			10108		202 ✓		See F.B. 1396 - 33
1	18016	6.005 ✓		413 ✓	68°	30927	10.309 ✓		402 ✓	for description
	7165		207			10307		204		
	6958		206			10103		201		✗ G.E. Dreier
	6752		413 ✓			9902		405 ✓		
2	20875 ✓	6.958 ✓		826 ✓		30312 ✓	10.104 ✓		807 ✓	
	5078		196			5563		195		
	4882		198			5368		197		
	4688		394 ✓			5151		392 ✓		
3	14648 ✓	4.883 ✓		1216 ✓		16082 ✓	5.347 ✓		1199 ✓	
	4232		145			6343		145		
	4087		145			6198		147		
	3942		290 ✓			6051		292 ✓		
4	12261 ✓	4.087 ✓		1506 ✓		18592 ✓	6.197 ✓		1691 ✓	
										B.M. 30-36
										San Gabriel River
										See F.B. 1396 - 34
		21.933 ✓					31.957 ✓			

F.B. 1352 PG. 2,3

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 E. Landa Time 11:35 to 12:15 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-33 To B.M. 30-35
Date 9-16-53
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
	6623	21.933	191	1506		4302	31.957	197	1491	
	6432		190			4105		195		
	6242		381			3910		392		
5	19297	6432		1887		12317	4.106		1883	
	4677		192			5100		192		
	4481		193			4908		190		
	4288		389			4718		382		SUMMATION OF RUN
6	13446	4.482		2276		14726	4.909		2265	TOTAL BACKSIGHTS +50,570
	6369		191			3145		198		TOTAL FORESIGHTS -60 547
	6178		189			2947		197		DIFF 30-33 TO 30-35 -9.977
	5989		380			2750		395		" 30-33 TO 30-34 -10.024
7	18536	6179		2655 6		8842	2.[illegible]		2660	" 30-34 TO 30-35 +0.047
	5939		192			8550		193		
	5747		194			8357		193		
	5553		386			8164		386		
8	17239	5.746		3042		25071	8.357		3042 6	
	5882		84			8343		72		B.M. 30-35 (F.C.B.M. 72-31)
	5798		84			8271		71		SAN GABRIEL RIVER N.E. OF OIL
	5714		168			8200		143		FIELD BRIDGE
9	17394	5.798		3209 10		24814	8.271		3185 9	SEE F.B. 1396-33A FOR DESC.
		50.570					60.547			

F.B. 1352 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 CLEAR-WINDY Inst. No. 50010
Notes by E. Landa Time 2:35 to 3:20 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-35 To B.M. 30-33
Date 9-24-53
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
	8327		72		#9	5863		83		B.M. 30-35 (F.C.B.M. 72-31)
	8255		72			5780		83		SAN GABRIEL RIVER N.E. OF OIL
	8183		144 ✓			5697		166 ✓		FIELD BRIDGE
1	24765	8.255 ✓		144	72°	17340	5.780 ✓		166	SEE F.B. 1396-33A FOR DESC.
	7665		193			5063		195		
	7252		192			4848		195		↑ G.E. DREIER
	7260		385 ✓			4653		390 ✓		
2	22357	7.452 ✓		529		14564	4.848 ✓		556 ✓	
	2890		188			6131		200		
	2702		189			5931		201		
	2513		377 ✓			5730		401 ✓		
3	8105	2.702 ✓		906 ✓		17792	5.931 ✓		957 ✓	
	5619		187			4871		196		
	5232		185			4679		197		
	5047		372			4482		393		
4	15698	5.233 ✓		1278 ✓		14038	4.679 ✓		1256	
	4013	23.642	209			6426	21.238	175		
	3804		207			6251		174		
	3597		416 ✓			6077		349 ✓		
5	11414	3.805 ✓		1694 ✓		18754	6.251 ✓		1599	
		27.447 ✓					27.489 ✓			

F.B. 1352 PG. 25

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 CLEAR-WINDY Inst. No. 50010
Notes by E. Landa Time 2:35 to 3:20 Rod No. 98 10

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-35 To B.M. 30-33
Date 9-24-53
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
		27.227		1691			27.289		~~1599~~ 1601	B.M. 30-34 (F.C.B.M. 72-9A) SAN GABRIEL RIVER E. OF PAC. COAST HWY SEE F.B. 1396-34 FOR DESC
	6234		166			6122		166		
	6090		165			3976		166		
	5965		289			3830		292		
6	18269	6.090		1983		11928	3.976		1897 3	SUMMATION OF RUN
	5520		198			5053		194		TOTAL BACKSIGHTS +58.617
	5322		197			4859		194		TOTAL FORESIGHTS -48.630
	5125		395			4665		388		DIFF 30-35 TO 30-33 +9.987
7	15967	5.322		2378		14577	4.859		2279 81	" 30-35 TO 30-34 -0.042
										30-34 TO 30-33 +10.029
	9623		183			6512		222		
	9440		183			6292		222		
	9257		366			6070		444		
8	28320	9.440		2744		18876	6.292		2723 5	
F.B. 1352 PG. 26	10513		195			6229		216		B.M. 30-33 (R.M.#1 L.B. L-6)
	10318		195			6013		213		PAC. COAST HWY & SAN GAB. RIVER
	10123		390			5800		429		
9	30950	10.318		3132	75°	18042	6.014		3157 4	SEE F.B. 1396-33
		58.617					48.630			

FORM 379 SM 7-40

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather LIGHT FOG Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:30 Rod No. 9 & 10

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-14
Date 9-16-53
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
	6699		198		#9	3357		201		BM. 30-36 (F.C. B.M. 72-47)
	6501		194			3.156		200		SAN GABRIEL RIVER AT B.C.S. OF
	6307		392			2.956		401		7TH ST.
1	19.507	6.502		392		9.469	3.156		401	SEE F.B. 1396-34 FOR DESC.
	2.891		198			6172		195		
	2.693		195			5.977		194		
	2498		393			5783		389		
2	8.082	2.694	4	785		17.932	5.977		790	⊼ E. LANDA
	5358		195			5.071		195		
	5163		192			4.876		196		
	4.971		387			4.680		391		
3	15.492	5.164		1172		14.627	4.876		1.181	
	4935		197			5310		190		
	4.738		198			5120		190		
	4.540		395			4.930		380		
4	14.213	4.738		1.567		15360	5.120		1.561	
	5.004		201			4220		198		
	4.803		201			4.022		195		
	4.602		402			3.827		393		
5	14.409	4.803		1.969		12.069	4.023		1.954	
		23.901					23.152			

F.B. 1335 Z PG. 27

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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Chief of Party G. E. DREIER Weather LIGHT FOG Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:30 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-14
Date 9-16-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.089	23.901 ✓	198	1.969 ✓		4.561	23.152 ✓	194	1.954 ✓	
	4.891		193			4.367		195		
	4.698		391 ✓			4.172		389 ✓		
6	14.678	4.893 ✓		2.360 ✓		13.100	4.367 ✓		2.343 ✓	
	5.182		197			5.201		195		
	4.985		197			5.006		195		
	4.788 ✓		394 ✓			4.811 ✓		390 ✓		
7	14.955 ✓	4.985 ✓		2.754 ✓		15.018 ✓	5.006 ✓		2.733 ✓	
	5.231		188			4.908		200		
	5.043		184			4.708		200		
	4.859 ✓		372 ✓			4.508 ✓		400 ✓		
8	15.133 ✓	5.044 ✓		3.126 ✓		14.124 ✓	4.708 ✓		3.133 ✓	
	4.603		193			5.252		195		
	4.410		195			5.057		195		
	4.215 ✓		388 ✓			4.862 ✓		390 ✓		
9	13.228 ✓	4.409 ✓		3.514 ✓		15.171 ✓	5.057 ✓		3.523 ✓	
F.B. 1352 PG. 28	5.446	43.232	194			4.789	42.290	197		
	5.252		192			4.592		194		
	5.060 ✓		386 ✓			4.398 ✓		391 ✓		
10	15.758 ✓	5.253 ✓		3.900 ✓		13.779 ✓	4.593 ✓		3.914 ✓	
		48.485 ✓					46.883 ✓			

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 LIGHT FOG Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:30 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-14
Date 9-16-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.788	48.485	189	3.900		5.684	46.883	201	3.914	
	5.599		188			5.483		199		
	5.411		377			5.284		400		
11	16.798	5.599		4.277		16.451	5.484		4.314	
	5.021		198			5.030		197		
	4.823		194			4.833		194		
	4.629		392			4.639		391		
12	14.473	4.824		4.669		14.502	4.834		4.705	
	5.351		205			4.460		190		
	5.152		202			4.270		190		
	4.950		407			4.080		380		
13	15.459	5.153		5.076		12.810	4.270		5.085	
	4.807		196			4.664		194		
	4.611		193			4.470		193		
	4.418		389			4.277		387		
14	13.836	4.612		5.465		13.411	4.470		5.472	
	4.891		197			4.700		198		
	4.694		195			4.502		194		
	4.499		392			4.308		392		
15	14.084	4.695		5.857		13.510	4.503		5.864	
		73.368					70.044			

F.B. 1332 PG. 29

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather LIGHT FOG Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:30 Rod No. 9810

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-14
Date 9-16-53
Indexed H. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.103	73.368 ✓	132	5.857 ✓		5.367	70.140 ✓	139	58.61 ✓	SUMMATION OF RUN
	4.971		132			5.228		138		TOTAL BACKSIGHTS + 93.809 ✓
	4.839		264 ✓			5.090		277 ✓		TOTAL FORESIGHTS - 89.697 ✓
16	14.913 ✓	4.971 ✓		6.121 ✓		15.685 ✓	5.228 ✓		6.141 ✓	DIFF. 30-36 TO 30-14 + 4.112 ✓
	5.282		141			4.627		130		" 30-36 TO 30-37 + 3.308 ✓
	5.139		141			4.497		128		" 30-37 TO 30-14 + 0.804 ✓
	4.998		282 ✓			4.369		258 ✓		
17	15.417 ✓	5.139 ✓		6.403 ✓		13.493 ✓	4.498 ✓		6.399 ✓	
		83.478 ✓					80.170 ✓			B.M. 30-37 (F.C. IN. RIW POT 1947
										SAN GABRIEL RIVER & 7TH ST. S.W. COR
										SEE F.B. 1396-34A
										FOR DESCRIPTION
	9.778		220			6.232		220		
	9.558		220			6.012		217		
	9.338		440 ✓			5.795		437 ✓		
18	28.674 ✓	9.558 ✓		6.843 ✓		18.039 ✓	6.013 ✓		6.836 ✓	
	0.975		202			3.747		234		B.M. 30-14 F.C.B.M. 73-19
	0.773		201			3.513		231		SAN GABRIEL RIVER & 7TH ST. N.W. COR
	0.572		403 ✓			3.282		465 ✓		SEE F.B. 1396-17
19	2.320 ✓	0.773 ✓		7.246 ✓		10.542 ✓	3.514 ✓		7.301 ✓	FOR DESCRIPTION
F.B. 1352 PG. 30		93.809 ✓					89.697 ✓			

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 FOG Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:25 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To B.M. 30-36
Date 9-16-53
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
	3.566		227			0.806		207		B.M. 30-14 F.C. B.M. 73-19
	3.339		229			0.599		206		SAN GABRIEL RIVER & 7th ST. N.W.COR
	3.110		456			0.393		413		SEE F.B. 1396-17
1	10.015	3.338		.456	63°	1.798	0.599		.413	FOR DESCRIPTION
	7.533		204			11.098		225		
	7.329		204			10.873		221		
	7.125		408			10.652		446		
2	21.987	7.329		.864		32.623	10.874		.859	
		10.667					11.473			B.M. 30-37 (F.C. W.L.R/W POST 1947)
										SAN GABRIEL RIVER & 7th ST. S.W. COR.
										SEE F.B. 1396-34A
										FOR DESCRIPTION
	4.714		134			5.360		139		
	4.580		130			5.221		137		
	4.450		264			5.084		276		
3	13.744	4.581		1.128		15.665	5.222		1.135	
	5.249		138			4.996		138		
	5.111		135			4.858		138		
	4.976		273			4.720		276		
4	15.336	5.112		1.401		14.574	4.858		1.411	
		20.360					21.553			

F.B. 1352 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 LIGHT FOG Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:25 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To B.M. 30-36
Date 9-16-53
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
	4.715	20.360 ✓	196	1.401 ✓		4.908	21.553 ✓	197	1.411 ✓	
	4.519		197			4.711		194		
	4.322 ✓		393 ✓			4.517 ✓		391 ✓		
5	13.556 ✓	4.519 ✓		1.794 ✓		14.136 ✓	4.712 ✓		1.802 ✓	
	4.727		197			4.870		195		
	4.530		193			4.675		194		
	4.337 ✓		390 ✓			4.481 ✓		389 ✓		
6	13.594 ✓	4.531 ✓		2.184 ✓		14.026 ✓	4.675 ✓		2.191 ✓	
	4.471		195			5.358		198		
	4.276		195			5.160		198		
	4.081 ✓		390 ✓			4.962 ✓		396 ✓		
7	12.828 ✓	4.276 ✓		2.574 ✓		15.480 ✓	5.160 ✓		2.587 ✓	
	5.107		196			5.100		199		
	4.911		192			4.901		197		
	4.719 ✓		388 ✓			4.704 ✓		396 ✓		
8	14.737 ✓	4.912 ✓		2.962 ✓		14.705 ✓	4.902 ✓		2.983 ✓	
	5.770		205			5.866		186		
	5.565		203			5.680		182		
	5.362 ✓		408 ✓			5.498 ✓		368 ✓		
9	16.697 ✓	5.566 ✓		3.370 ✓		17.044 ✓	5.681 ✓		3.351 ✓	
		44.164 ✓					46.683 ✓			

F.B. 1352 PG. 32

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEARING LOE Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:25 Rod No. 9E10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To B.M. 30-36
Date 9-16-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.852	44.164	193	3.370		5.518	46.683	198	3.351	
	4.659		191			5.320		197		
	4.468		384			5.123		395		
10	13.979	4.660		3.754		15.961	5.320		3.746	
	5.284		195			4.637		197		
	5.089		196			4.440		193		
	4.893		391			4.247		390		
11	15.266	5.089		4.145		13.324	4.441		4.136	
	4.785		195			5.120		193		
	4.590		193			4.927		192		
	4.397		388			4.735		385		
12	13.772	4.591		4.533		14.782	4.927		4.521	
	5.133		190			5.130		207		
	4.943		188			4.923		204		
	4.755		378			4.719		411		
13	14.831	4.944		4.917		14.772	4.924		4.932	
	4.365		195			4.894		196		
	4.170		195			4.698		198		
	3.975		390			4.500		394		
14	12.510	4.170		5.301		14.092	4.697		5.326	
		67.618					70.992			

F.B. 352 PG. 33

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 500.10
Notes by G. E. DREIER Time 10:30 TO 11:25 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To B.M. 30-36
Date 9-16-53
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
	4.282	67.618	199	53~~72~~ 01		5.069	70.992	201	53~~45~~ 26	
	4.083		195			4.868		201		
	3.888		394	695		4.667		402	28 ~~47~~	
15	12.253	4.084		5.~~706~~		14.604	4.868		57	SUMMATION OF RUN
	5.500		191			5.123		195		TOTAL BACKSIGHTS +90.830
	5.309		191			4.928		197		TOTAL FORESIGHTS -94.968
	5.118		382	77		4.731		392	20	DIFF. 30-14 TO 30-36 -4.138
16	15.927	5.309		6.0~~88~~		14.782	4.927		6.1~~09~~	" 30-14 TO 30-37 -0.806
	4.819		200			5.100		191		" 30-37 TO 30-36 -3.332
	4.619		200			4.909		189		
	4.419		400	77		4.720		380	500	
17	13.857	4.619		6.4~~88~~		14.729	4.910		6.~~789~~	
	6.200		199			2.920		197		
	6.001		194			2.723		194		
	5.807		393	70		2.529		391	91	
18	18.008	6.003		6.8~~84~~		8.172	2.724		6.8~~80~~	
	3.398		202			6.743		196		B.M. 30-36 (F.C. B.M. 72-47)
	3.196		200			6.547		195		SAN GABRIEL RIVER, W. SIDE.
	2.996		402	72		6.352		391	82	AT B.C. S. OF 7TH ST.
19	9.590	3.197		7.2~~83~~	66°	19.642	6.547		7.2~~74~~	SEE F.B. 1396-34A FOR DESC.
		90.830					94.968			

F.B. 1352 PG. 34

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 11:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-37 To B.M. 30-36
Date 1-24-53
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		132		#9	5.409		139		B.M. 30-37 (F.C.W. 1941 MON)
	4.628		131			5.270		137		SAN GAB. RIVER & 7TH ST. S.W. COR.
	4.497		263			5.133		276		SEE F.B. 1396-34A
1	13.885	4.628		263	72°	15.812	5.271		276	FOR DESCRIPTION
	5.300		139			5.046		136		
	5.161		136			4.910		136		T. E. LANDA
	5.025		275			4.774		272		
2	15.486	5.162		.538		14.730	4.910		548	
	4.622		198			4.811		194		
	4.424		197			4.617		197		
	4.227		395			4.420		391		
3	13.273	4.424		.933		13.848	4.616		.939	
	4.619		196			4.767		196		
	4.423		193			4.571		193		
	4.230		389			4.378		389		
4	13.272	4.424		1.322		13.716	4.572		1.328	
	4.419		198			5.301		194		
	4.221		197			5.107		196		
	4.024		395			4.911		390		
5	12.664	4.221		1.717		15.319	5.106		1.718	
		22.859					24.475			

F.B. 1352 PG. 35

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party E. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-37 To B.M. 30-36
Date 9-24-53
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
	4.991	22.859	195	1.717		4.984	24.475	195	1.718	
	4.796		196			4.789		197		
	4.600		391			4.592		392		
6	14.387	4.796		2.108		14.365	4.788		2.110	
	5.703		200			5.809		190		
	5.503		196			5.619		187		
	5.307		396			5.432		377		
7	16.513	5.504		2.504		16.860	5.620		2.487	
	4.776		196			5.439		196		
	4.580		194			5.243		193		
	4.386		390			5.050		389		
8	13.742	4.581		2.894		15.732	5.244		2.876	
	5.217		197			4.569		197		
	5.020		194			4.372		193		
	4.826		391			4.179		390		
9	15.063	5.021		3.285		13.120	4.373		3.266	
	4.599		195			4.938		194		
	4.404		194			4.744		192		
	4.210		389			4.552		386		
10	13.213	4.404		3.674		14.234	4.745		3.652	
		47.165					49.245			

F.B. 352 PG. 36

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 11:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-37 To B.M. 30-36
Date 9-24-53
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
	5.030	47.165	192	3.674		5 020	49.245	201	3.652	
	4.838		190			4.819		200		
	4.648		382			4.619		401		
11	14.516	4.839		4.056		14.458	4.819		4.053	
	4.518		198			5.044		196		
	4.320		194			4.848		192		
	4.126		392			4.656		388		
12	12.964	4.321		4.448		14.548	4.849		4.441	
	4.142		198			4.929		199		
	3.944		194			4.730		197		
	3.750		392			4.533		396		
13	11.836	3.945		4.840		14.192	4.731		4.837	
	5.448		193			5.070		197		
	5.255		193			4.873		193		
	5.062		386			4.680		390		
14	15.765	5.255		5.226		14.623	4.874		5.227	
	4.917		197			5.204		195		
	4.720		194			5.009		191		
	4.526		391			4.818	.22	386		
15	14.163	4.721		5.617		15.031	5.010		5.613	
		70.246					73.528			

F.B. 1352 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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-37 To B.M. 30-36
Date 9-24-55
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
	6.174	70.246	193	5.617		2.898	7.3528	199	5.613	
	5.981		192			2.699		197		
	5.789		385			2.502		396		
16	17.944	5.981		6.002		8.099	2.700		6.009	
	3.300		200			6.647		196		B.M. 30-36 (F.C.B.M. 72-47)
	3.100		200			6.451		193		SAN GABRIEL RIVER AT B.C. So. OF 7th ST
	2.900		400			6.258		389		
17	9.300	3.100		6.402		19.356	6.452		6.398	SEE F.B. 1396 - FOR DESC.
										SUMMATION OF RUN
										B.M. 30-37 TO B.M. 30-36
										TOTAL BACKSIGHTS +79.327
										TOTAL FORESIGHTS -82.680
										DIFF IN ELEVATION -3.353
		79.327					82.680			

F.B. 1352 PG. 38

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 HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:15 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-37
Date 9-24-53
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
	6.615		196		#9	3265		198		B.M. 30-36 (F.C.B.M. 72-41
	6419		197			3067		198		SAN GABRIEL RIVER AT Hy.
	6.222		393			2 869		396		R/W. B.C. SOUTH OF 7th ST.
1	19.256	6.419		392	72°	9,201	3.067		396	SEE F.B. 1396-34 FOR DESC
	2.827		197			6.106		196		
	2.630		194			5.910		192		AT E. LANDA
	2.436		391			5.718		398		
2	7.893	2.631		.783		17.734	5.911	8	.794	
	5225		193			4.937		196		
	5032		192			4741		193		
	4.840		385			4,548		389	7	
3	15.097	5.032		1.168		14.226	4.742		1.183	
	5261		196			5638		195		
	5065		195			5.443		191		
	4.870		391			5.252		386		
4	15.196	5.065		1.559		16.333	5.444		1.569	
	5021		202			4.230		197		
	4819		199			4.033		194		
	4.620		401			3.839		391		
5	14.460	4.820		1.960		12.102	4.034		1960	
		23.967					23198			

F.B. 1352 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 C. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by C. E. DREIER Time 11:30 TO 2:15 Rod No. 9610

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-37
Date 9-24-53
Indexed L. C. Johnson

F.B. 1352 PG. 40

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
	5.141	23.967	194	1.960		4.617	23.198	197	1.960 5	
	4.947		194			4.420		193		
	4.753		388			4.227		394	4	
6	14.841	4.947		2.348		13.264	4.421		2.350	
	5.174		198			5.192		194		
	4.976		197			4.998		195		
	4.779		395			4.803		389	2	
7	14.929	4.976		2.743		14.993	4.998		2.739	
	5.251		193			4.917		192		
	5.058		190			4.720		197		
	4.868		383			4.523		394	2	
8	15.177	5.059		3.126		14.160	4.720		3.133	
	4.597		195			5.250		197		
	4.402		192			5.053		194		
	4.210		387			4.859		391	1	
9	13.209	4.403		3.513		15.162	5.054		3.524	
	5.454	43.352	194			4.793	42.391	194		
	5.260		192			4.599		192		
	5.068		386			4.407		386	0	
10	15.782	5.261		3.899		13.799	4.600		3.920	
		48.613					46.991			

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 HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:30 TO 2:15 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-37
Date 9-24-53
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
	5790	48.613	190	3.899		5.686	46.991	201	3.970	
	5.600		187			5.485		197		
	5413		377			5.288		398		
11	16.803	5.601		4.276		16.459	5.486		4.308	
	5.090		198			5.099		196		
	4.892		194			4.903		193		
	4.698		392			4.710		389		
12	14.680	4.893		4.668		14.712	4.904		4.697	
	5.439		195			4.558		198		
	5.244		194			4.360		194		
	5.050		389			4.166		392		
13	15.733	5.244		5.057		13.084	4.361		5.089	
	4798		200			4641		189		
	4598		201			4.452		187		
	4.397		401			4.265		376		
14	13.793	4.598		5.458		13.358	4.453		5.465	
	4823	68.949	196			4630	66.195	197		
	4.627		196			4.433		194		
	4.431		392			4.239		391		
15	13.881	4.627		5.850		13.302	4.434		5.846	
		73.576					70.629			

F.B. 1352 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 G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:30 TO 2:15 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To Bm. 30-37
Date 9-24-53
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
	5.029	73.576	136	5.850		5.286	70.629	136	5.856	
	4.893		134			5.150		138	4	
	4.759		270			5.012		274		
16	14.681	4.894		6.120		15.448	5.149		6.130	
	5.329		137			4.682		132		B.M. 30-37 SAN GABRIEL
	5.192		135			4.550		132		RIVER & 7TH ST S.W. COR
	5.057		272			4.418		264		F.C. R/W MON.
17	15.578	5.193		6.392		13.650	4.550		6.394	SEE F.B. 1396-34A FOR DESC
										SUMMATION OF RUN
										B.M. 30-36 TO B.M. 30-37
										TOTAL BACKSIGHTS +83.663
										TOTAL FORESIGHTS -80.328
										DIFF IN ELEVATION + 3.335
		83.663					80.328			

F.B. 1352 PG. 42

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 G. E. DREIER Time 1:30 TO 3:40 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To B.M. 30-17
Date 9-16-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.525		197		#9	4.617		198		B.M. 30-14 (F.C. B.M. 73-19)
	3.328		198			4.419		199		SAN GABRIEL RIVER & 7TH ST
	3.130		395			4.220		397		SEE F.B. 1396-12
1	9.983	3.328		395	72°	13.256	4.419		397	FOR DESCRIPTION
	5.490		201			5.332		198		
	5.289		199			5.134		196		⊼ E. LANDER
	5.090		400			4.938		394		
2	15.869	5.290		795		15.404	5.135		791	
	5.054		198			4.844		194		
	4.856		196			4.650		191		
	4.660		394			4.459		385		
3	14.570	4.857		1.189		13.953	4.651		1.176	
	4.912		195			4.763		196		
	4.717		196			4.567		193		
	4.521		391			4.374		389		
4	14.150	4.717		1.580		13.704	4.568		1.565	
	4.970		197			4.657		197		
	4.773		194			4.460		198		
	4.579		391			4.262		395		
5	14.322	4.774		1.971		13.379	4.460		1.960	
		22.966					23.233			

F.B. 1352 PG. 43

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 3:40 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To B.M. 30-17
Date 9-16-53
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.767	22.966 ✓	160	1.971 ✓		3.700	23.233 ✓	154	1.960 ✓	
	4.607		157			3.546		154		
	4.450 ✓		317 ✓			3.392 ✓		308 ✓		
6	13.824 ✓	4.608 ✓		2.288 ✓		10.638 ✓	3.546 ✓		2.268 ✓	
		27.574 ✓					26.779			B.M. 30-15 (F.C.B.M. 73-2C) SAN GABRIEL RIVER AT TOWER #19 SEE F.B. 1396-18
	3.760		202			4.481		196		
	3.558		200			4.285		196		
	3.358 ✓		402 ✓			4.089 ✓		392 ✓		
7	10.676 ✓	3.559 ✓		2.690 ✓		12.855 ✓	4.285 ✓		2.660 ✓	
	5.598		197			5.283		189		
	5.401		199			5.094		187		
	5.202 ✓		396 ✓			4.907 ✓		376 ✓		
8	16.201 ✓	5.400 ✓		3.086 ✓		15.284 ✓	5.095 ✓		3.036 ✓	
	4.722		137			4.770		121		
	4.585		136			4.649		121		
	4.449 ✓		273 ✓			4.528 ✓		242 ✓		
9	13.756 ✓	4.585 ✓		3.359 ✓		13.947 ✓	4.649 ✓		3.278 ✓	
		41.118 ✓					40.808 ✓			

F.B. 1352 PG. 44

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 3:40 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To B.M. 30-17
Date 9-16-53
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
	4.960	41.118	130	3.359		4292	40.808	134	3.278	
	4830		130			4158		135		
	4,700		260			4.023		269		
10	14.490	4.830		3.619		12.473	4.158		3547	
		45.948					44.966			T.B.M. (F.C.B.M. 73-18) SAN GABRIEL RIVER # TOWER # 20. SEE F.B. 1396-18.
	5422		191			4718		199		
	5.231		191			4519		198		
	5.040		382			4.321		397		
11	15.693	5.231		4.001		13.558	4.519		3.944	
	2.077		197			4.987		188		
	4.880		197			4.799		188		
	4.683		394			4.611		376		
12	13.640	4.880		4.395		14.397	4.799		4.320	
	5.549		175			3581		208		
	5.374		172			3.373		205		
	5.202		347			3.168		413		
13	16.125	5.375		4.742		10.122	3.374		4.733	
		61.439					57.658			

F.B. 1352 PG. 45

FORM 379 SM 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-BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 3:45 Rod No. 9810

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To B.M. 30-17
Date 9-16-53
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
		61.434		4.742			57.058		4.733	B.M. 30-16 (F.C.B.M. 73-3C) SAN GABRIEL RIVER 9T TOWER # 21 SEE F.B. 1396-18
	3.310		192			4.832		195		
	3.118		189			4.642		193		
	2.929		381			4.449		388		
14	9.357	3.119		5.123		13.928	4.643		5.121	
	5.150		198			4.905		186		
	4.952		194			4.719		189		
	4.758		392			4.530		375		
15	14.860	4.953		5.515		14.154	4.718		5.496	
	5.198		208			5.670		212		
	4.990		208			5.458		211		
	4.782		416			5.247		423		
16	14.970	4.990		5.931		16.375	5.458		5.919	
										T.B.M. (F.C.B.M. 73-5) SAN GABRIEL RIVER AT TOWER # 22 (BOLT)
		74.496					72.477			

F.B. 1352 PG. 46

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C.E. DREIER Weather CLEAR-BREEZY Inst. No. 50010
Notes by C.E. DREIER Time 1'30 TO 3'40 Rod No. 9810

Name L.A. Co. PRECISE LEVELNET
Job No 4923
From B.M. 30-14 To B.M. 30-17
Date 9-16-53
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
	6.027	74.496	197	5.931		4.783	72.477	195	5.919	
	5.830		197			4.588		195		
	5.633		394			4.393		390		
17	17.490	5.830		6.325		13.764	4.588		6.309	
	4.959		196			4.878		194		
	4.763		193			4.684		190		
	4.570		389			4.494		384		
18	14.292	4.764		6.714		14.056	4.685		6.693	
	5.380		182			4.109		181		B.M. 30-17 (F.C.B.M. 73-4C)
	5.198		181			3.928		178		SAN GABRIEL RIVER * TOWER 23
	5.017		363			3.750		359		SEE F.B. 1396-20 FOR DESC.
19	15.595	5.198		7.077	80°	11.787	3.929		7.052	
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +90.288
										TOTAL FORESIGHTS -85.679
										DIFF B.M. 30-14 TO 30-17 +4.609
										" 30-14 TO 30-15 +0.795
										" 30-15 TO F.C. 73-18 +0.187
										" F.C. 73-18 TO 30-16 +2.794
										" 30-16 TO F.C. 73-5 -1.757
										F.C. 73-5 TO 30-17 +2.590
		90.288					85.679			

F.B. 1352 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.....
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. 1352 PG. 48

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by A. D. SMITH Time 10:00 To 11:30 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-17 To B.M. 30-14
Date 9-17-53
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
	4.092		.179		#9	5.367		.182		B.M. 30-17 (F.C.B.M. 73-4C)
	3.913		.180			5.185		.181		SAN GABRIEL RIVER & TOWER #23
	3.733		.359			5.004		.363		SEE F.B. 1396-20
1	11.738	3.913		.359	65°	15.556	5.185		.363	FOR DESCRIPTION
	5.057		.194			5.140		.194		
	4.863		.190			4.946		.192		
	4.673		.384			4.754		.386		
2	14.593	4.864		.743		14.840	4.947		.749	
	4.826		.195			6.070		.197		
	4.631		.194			5.873		.195		
	4.437		.389			5.678		.392		
3	13.894	4.631		1.132		17.621	5.874		1.141	
		13.408					16.006			T.B.M. (F.C.B.M. 73-5)
										SAN GABRIEL RIVER AT
										TOWER # 22 (BOLT)
	5.713		.211			5.244		.208		F.B. 1352 PG. 49
	5.502		.210			5.036		.205		
	5.292		.421			4.831		.413		
4	16.507	5.502		1.553		15.111	5.037		1.554	
		18.910					21.043			

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. 50010
Notes by A. D. SMITH Time 10:00 TO 11:30 Rod No. 9E10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-17 To B.M. 30-14
Date 9-17-53
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
	4.955	18.910	.188	1.553		5.197	21.043	.197	1.554	
	4.767		.187			5.000		.193		
	4.580		.375			4.807		.390		
5	14.302	4.767		1.928		15.004	5.001		1.994	
	4.929		.199			3.390		.185		
	4.730		.197			3.205		.184		
	4.533		.396			3.021		.369		
6	14.192	4.731		2.324		9.616	3.205		2.313	
		28.408					29.249			B.M. 30-16 (F.C. B.M. 73-3C) SAN GABRIEL RIVER AT TOWER #21 SEE F.B. 1396-18 FOR DESCRIPTION
	3.389		.191			5.390		.190		
	3.198		.190			5.200		.189		
	3.008		.381			5.011		.379		
7	9.595	3.198		2.705		15.601	5.200		2.692	
	5.172		.189			5.260		.194		
	4.983		.187			5.066		.194		
	4.796		.376			4.877		.388		
8	14.951	4.984		3.081		15.198	5.066		3.080	
		36.590					39.515			

F.B. 1352 PG. 50

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by A. D. SMITH Time 10:00 TO Rod No. 9&10

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From B.M. 30-17 To S.M. 30 14
Date 9-17-53
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
	4.859	36.590	.199	3.081		5.562	39.515	.189	3.080	
	4.660		.198			5.373		.187		
	4.462		.397			5.186		.376		
9	13.981	4.660		3.478		16.121	5.374		3.456	
		41.250					44.889			
										T.B.M. (E.C.B.M. 73-18) SAN GABRIEL RIVER & TOWER #20 SEE F.B. 1396-18 FOR DESCRIPTION
	4.377		.132			5.052		.135		
	4.245		.132			4.917		.134		
	4.113		.264			4.783		.269		
10	12.735	4.245		3.742		14.752	4.917		3.725	
	4.893		.124			4.839		.132		
	4.769		.127			4.707		.134		
	4.642		.251			4.573		.266		
11	14.304	4.768		3.993		14.119	4.706		3.991	
		50.263					54.512			

F.B. 1352 PG 57

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 CLOUDY Inst. No. 50010
Notes by A. D. SMITH Time 10:00 70 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-17 To B.M. 30-14
Date 9-17-53
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
	5.438	50.263 ✓	.188	3.993 ✓		5.757	54.512 ✓	.197	3.991 ✓	
	5.250		.187			5.560		.197		
	5.063		.375 ✓			5.363		.394 ✓		
12	15.751 ✓	5.250 ✓		4.368 ✓		16.680 ✓	5.560 ✓		4.385 ✓	
	4.641		.201			3.913		.198		
	4.440		.201 ✓			3.715		.197 ✓		
	4.239 ✓		.402			3.518 ✓		.395 ✓		
13	13.320 ✓	4.440 ✓		4.770 ✓		11.146 ✓	3.715 ✓		4.780 ✓	
		59.953 ✓					63.787 ✓			B.M. 30-15 (F.C. B.M. 73-2C) SAN GABRIEL RIVER AT TOWER #19 SEE F.B. 1396-18 FOR DESCRIPTION
	3.817		.155			4.878		.155		
	3.662		.155			4.723		.154		
	3.507 ✓		.310 ✓			4.569 ✓		.309 ✓		
14	10.986 ✓	3.662 ✓		5.080 ✓		14.170 ✓	4.723 ✓		5.089 ✓	
	4.665		.197			4.978		.197		
	4.468		.196			4.781		.194		
	4.272 ✓		.393 ✓			4.587 ✓		.391 ✓		
15	13.405 ✓	4.468 ✓		5.473 ✓		14.346 ✓	4.782 ✓		5.480 ✓	
		68.083 ✓					73.292 ✓			

F.B. 1352 PG. 52

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by A. D. SMITH Time 10:00 TO 11:30 Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-17 To B.M. 30-14
Date 9-17-53
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
	4.951	68.083 ✓	.193	5.473 ✓		5.102	73.292 ✓	.194	5.480 ✓	
	4.758		.194			4.908		.197		
	4.564 ✓		.387 ✓			4.711 ✓		.391 ✓		SUMMATION OF RUN
16	14.273 ✓	4.758 ✓		5.860 ✓		14.721 ✓	4.907 ✓		5.871 ✓	B.M. 30-17 TO B.M. 30-14
	4.909		.196			5.110		.198		TOTAL BACKSIGHTS + 87.091 ✓
	4.713		.193			4.912		.195		TOTAL FORESIGHTS - 91.711 ✓
	4.520 ✓		.389 ✓			4.717 ✓		.393 ✓		DIFF. 30-17 TO 30-14 - 4.620 ✓
17	14.142 ✓	4.714 ✓		6.249 ✓		14.739 ✓	4.913 ✓		6.264 ✓	30-17 TO F.C. 73-5 - 2.598
	5.371		.200			5.520		.195		73-5 TO 30-16 + 1.757 ✓
	5.171		.199			5.325		.194		30-16 TO F.C. 73-18 - 2.798 ✓
	4.972 ✓		.399 ✓			5.131 ✓		.389 ✓		F.C. 73-18 TO 30-15 - 0.195 ✓
18	15.514 ✓	5.171 ✓		6.648 ✓		15.976 ✓	5.325 ✓		6.653 ✓	30-15 TO 30-14 - 0.786 ✓
	4.564		.200			3.470		.197		B.M. 30-14 (F.C. B.M. 73-19)
	4.364		.197			3.273		.194		SAN GABRIEL RIVER & 7TH ST
	4.167 ✓		.397 ✓			3.079 ✓		.391 ✓		SEE F.B. 1396-17
19	13.095 ✓	4.365 ✓		7.045 ✓		9.822 ✓	3.274 ✓		7.044 ✓	FOR DESCRIPTION
		87.091 ✓					91.711 ✓			

F.B. 1352 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.....
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. 1352 PG. 54										

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To T.B.M. F.C. 73-18
Date 9-23-53
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
	3.428		199		#9	4.523		198		B.M. 30-14 (F.C. B.M. 73-19)
	3.229		198			4.325		196		SAN GAB. RIVER #
	3.031		397			4.129		394		SEE F.B. 1396-17
1	9.688	3.229		397	66°	12.977	4.326		394	
	5.408		200			5.257		198		
	5.208		199			5.059		199		T. E. LANDA
	5.009		399			4.860		397		
2	15.625	5.208		.796		15.176	5.059		.791	
	5.023		196			4.823		195		
	4.827		197			4.628		196		
	4.630		393			4.432		391		
3	14.480	4.827		1.189		13.883	4.628		1.182	
	5.030		193			4.886		195		
	4.837		197			4.691		192		
	4.640		390			4.499		387		
PG. 4	14.507	4.836		1.579		14.076	4.692		1.569	
	4.859		199			4.542		195		
	4.660		197			4.347		195		
	4.463		396			4.152		390		
F.B. 5	13.982	4.661		1.975		13.041	4.347		1.959	
		22.761					23.052			

F.B. 1352 Pg. 55

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50.010
Notes by G. E. DREIER Time 9:00 TO 10:00 Rod No. 7 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To T.B.M. F.C. 73-18
Date 9-23-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.667	22.761	160	1.975		3.601	23.052	153	1.959	
	4.507		159			3.448		153		
	4.348		319			3.295		306		
6	13.522	4.507		2.294		10.344	3.448		2.265	
	3.822	27.268	204			4.540	26.700	197		B.M. 30-15 (F.C.B.M 73-2C)
	3.618		203			4.343		193		SAN GAB. RIVER # TOWER # 19
	3.415		407			4.160		390		SEE F.B. 1396-18
7	10.855	3.618		2.701		13.033	4.344		2.655	
	5.676		197			5.365		188		SUMMATION OF RUN
	5.479		198			5.177		189		TOTAL BACKSIGHTS + 45.749
	5.281		395			4.988		377		TOTAL FORESIGHTS - 44.800
8	16.436	5.479		3.096		15.530	5.177		3.032	DIFF. 30-14 TO F.C. 73-18 + 0.949
	4.588		119			4.672		141		" 30-14 TO 30-15 +0.768
	4.469		119			4.531		141		" 30-15 TO F.C. 73-18 +0.181
	4.350		238			4.390		282		
9	13.407	4.469		3.334		13.593	4.531		3.314	
	5.044		130			4.384		135		T.B.M. F.C. B.M. 73-18
	4.914		127			4.249		139		SAN GAB. RIVER # TOWER # 20
	4.787		257			4.110		274		SEE F.B. 1396-18
10	14.745	4.915		3.591	75°	12.743	4.248		3.588	
		45.749					44.800			

F.B. 1352 Pg. 56

F.B. _____ PG. _____

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 G. E. DREIER Time 10:00 TO 10:35 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.B.M. F.C.B.M. 23-18 To B.M. 30-14
Date 9-23-53
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
	4.370		138		76°	5032		131		T.B.M. F.C.B.M. 23-18
	4232		134			4.901		128		SAN GAB. RIVER & TOWER #20
	4.098		272			4.773		259		SEE F.B. 1396-18
1	12.700	4.233		272		14.706	4.902		259	
	4.810		130			4.743		129		
	4.680		130			4.614		126		⊼ ELANDA
	4.550		260			4.487		256		
2	14.040	4.680		532		13.844	4.615		.51	
	5.330		184			5.651		201		
	5.146		186			5.450		201		
	4.960		370			5.249		402		
3	15.436	5.145		902		16.350	5.450		.916	
	4.502		195			3.783		203		B.M. 30-15 F.C.B.M.
	4.307		196			3.580		202		SAN GAB. RIVER & TOWER #19
	4.111		391			3.378		405		SEE F.B. 1396-18
4	12.920	4.307		1.293		10.741	3.580		1.324	
	3.870	18.365	161			4.919	18.547	151		
	3.709		160			4.768	365	152		
	3.549		321			4.616	.182	303		
5	11.128	3.709		1.614		14.303	4.768		1.624	
		22.074					23.315			

F.B. 1352 PG. 57

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 C. E. DREIER Weather CLEAR Inst. No. 50010
Notes by C. E. DREIER Time 10:00 TO 10:35 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.B.M. F.C. 73-18 To B.M. 30-14
Date 9-23-53
Indexed A. C. Johnson

F.B. 1352 PG. 58

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.613	22.074 ✓	194	1614 ✓		4.930	23.315 ✓	194	1624 ✓	
	4.419		197			4.736		196		
	4.222		394 ✓			4.540		390 ✓		
6	13.254 ✓	4.418 ✓		2.005 ✓		14.206 ✓	4.735 ✓		2.014 ✓	
	4.841		194			4.889		197		
	4.647		192			4.792		193		SUMMATION OF RUN
	4.455		386			4.599		390 ✓		TOTAL BACKSIGHTS + 45.235 ✓
7	13.943 ✓	4.648 ✓		2.391 ✓		14.280 ✓	4.793 ✓		2.404 ✓	TOTAL FORESIGHTS - 46.190 ✓
	4.870		198			5.069		199		DIF. F.T.B.M. F.C. 73-18 TO 30-14 - 0.955 ✓
	4.672		194			4.870		197		" " " " TO 30-15 - 0.182 ✓
	4.478		392 ✓			4.673		396 ✓		" 30-15 TO 30-14 - 0.773 ✓
8	14.020 ✓	4.673 ✓		2.783 ✓		14.612 ✓	4.871 ✓		2.800	
	5.250		199			5.401		200		
	5.051		197			5.201		198		
	4.854		396 ✓			5.003		398 ✓		
9	15.155 ✓	5.052 ✓		3.179 ✓		15.605 ✓	5.202 ✓		3.198	
	4.573	14.865	203			3.467	13.916	192		B.M. 30-14 F.C.B.M. 73-19
	4.370		202 ✓			3.274		192		SAN GAB RIVER & 7TH ST
	4.168		405			3.082		384 ✓		SEE F.B. 1396-17
10	13.111 ✓	4.370 ✓		3.584 ✓		9.823 ✓	3.274 ✓		3.582	
		45.235 ✓					46.190 ✓			

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 G.E. DREIER Time 10:50 TO 11:05 Rod No. 9810

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From T.B.M. F.C. 73-5 To B.M. 30-17
Date 9-23-53
Indexed L.C. CARLSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.863		199		#9	4.618		196		T.B.M. F.C. 73-5
	5664		195			4.422		192		SAN GAB. RIVER # TOWER #22
	5.469		394			4.230		388		SEE F.B. 1396-18
1	16.996	5.665		394	39°	13.270	4.423		388	
	4 980		197			4.899		192		T. E. LANDA
	4.783		193			4.707		189		
	4.590		390			4.518		381		
2	14.353	4.784		.784		14.124	4.708		.776	
	5.257		180			3.983		180		B.M. 30-17 (F.C. B.M. 73-4C)
	5.077		180			3.803		176		SAN GAB RIVER # TOWER #23
	4 897		360			3.627		356		SEE F.B. 1396-20
3	15.231	5.077		1.144		11.413	3.804		1.126	
										SUMMATION OF RUN
										T.B.M. F.C. 73-5 TO B.M. 30-17
										TOTAL BACKSIGHTS + 15.526
										TOTAL FORESIGHTS - 12.935
										DIFF IN ELEVATIO + 2.591
		15.526					12.935			

F.B. 1352 PG. 59

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 CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:05 TO Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-17 To T.B.M. F.C. 73-5
Date 9-23-53
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
	3.963		179		#9	5.232		182		B.M. 30-17 (F.C.B.M. 73-4C)
	3.784		181			5.050		180		SAN GAB. RIVER & TOWER #23
	3.603		360 ✓			4.870		362 ✓		SEE F.B. 1396-20
1	11.350 ✓	3.783 ✓		360 ✓	79°	15.152 ✓	5.051 ✓		362	
	4.926		192			5.011		193		
	4.734		192			4.818		193		E. LANDA
	4.542 ✓		384 ✓			4.625 ✓		386 ✓		
2	14.202 ✓	4.734 ✓		.744 ✓		14.454 ✓	4.818 ✓		.748 ✓	
	4.683		192			5.932		197		T.B.M. F.C. B.M. 73-5
	4.491		191			5.735		195		SAN GAB. RIVER & TOWER # 22
	4.302		383 ✓			5.540 ✓		392 ✓		SEE F.B. 1396-18
3	13.474 ✓	4.491 ✓		1.127 ✓		17.207 ✓	5.736 ✓		1.140 ✓	
										SUMMATION OF RUN
										B.M. 30-17 TO F.C. B.M. 73-5
										TOTAL BACKSIGHTS +13.008 ✓
										TOTAL FORESIGHTS -15.605 ✓
F.B. 1352 PG. 60										DIFF IN ELEVATION -2.597 ✓
		13.008 ✓					15.605 ✓			

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 G. E. DREIER Time 11:35 TO 11:50 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From F.C. 73-5 To B.M. 30-17
Date 9-23-53
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
	5.920		99			4.670		197		T.B.M. F.C.B.M. 73-5
	5.721		197			4.473		195		SAN GAB. RIVER & TOWER # 22
	5524		396 ✓			4.278 ✓		392 ✓		SEE F.B. 1396-18
1	17.165	5.722 ✓		396 ✓		13.421	4.474 ✓		392 ✓	
	4982		192			4.900		193		T. E. LANDA
	4790		192			4.707 ✓		190 ✓		
	4598 ✓		384 ✓			4.517 ✓		383 ✓		
2	14.370	4.790 ✓		780 ✓		14.124	4.708 ✓		775 ✓	
	5.284		182			4014		182		B.M. 30-17 (F.C. B.M. 73-4C)
	5.102		181			3832		179 ✓		SAN GAB. RIVER & TOWER # 23
	4.921 ✓		363 ✓			3.653 ✓		361 ✓		SEE F.B. 1396-20
3	15307	5.102 ✓		1.143 ✓		11.499	3.833 ✓		1.136 ✓	
										SUMMATION OF RUN
										F.C. B.M. 73-5 TO B.M. 30-17
										TOTAL FORESIGHTS +15.614 ✓
										TOTAL BACKSIGHTS -13.015 ✓
										DIFF IN ELEVATION +2.599 ✓
		15.614 ✓					13.015 ✓			

F.B. 1352 PG. 61

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 B. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E DREIER Time 1:00 TO Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-17 To F.C 73-5
Date 9-23-53
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
	3929		180		#9	5.204		183		B.M. 30-17 (F.C.B.M. 73-4C)
	3.749		179			5.021		181		SAN GAB. RIVER & TOWER 23
	3.570		359			4.840		364		SEE 1396-20
1	11.248	3.749		.359		15.065	5.022		.364	
	4.872		192			4.953		193		
	4.680		193			4.760		190		
	4.487		385			4.570		383		
2	14.039	4.680		.744		14.283	4.761		.747	
	4.640		194			5.892		198		B.M. F.C B.M. 73-5
	4.446		195			5.694		196		SAN GAB. RIVER & TOWER 22
	4.251		389			5.498		394		SEE F.B. 1396-18
3	33.337	4.446		1.133		17.084	5.695		1.141	
										SUMMATION OF RUN
										B.M. 30-17 TO F.C 73-5
										TOTAL +12.875
										TOTAL -15.478
										DIFF -2.603
		12.875					15.478			

F.B. 1352 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 CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:30 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From F.C. 73-17 To F.C. 73-5C
Date 9-23-53
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
	5.708		179			5330		186		T.B.M. F.C.B.M. 73-17
	5.529		179			5.144		185		SAN GAB. RIVER & TOWER #26
	5.350		358			4.959		371		SEE F.B. 1396-20
1	16.587	5.529		358		15.433	5.144		371	
	4.332		200			5050		202		⊼ E. LANDA
	4.132		197			4.848		203		
	3.935		397			4.645		405		
2	12.399	4.133		755		14.543	4.848		776	
	4.612		201			4750		203		T.B.M. F.C.B.M. 73-5C
	4.411		201			4547		203		SAN GAB. RIVER & TOWER #25
	4.210		402			4344		406		SEE F.B. 1396-20
3	13.233	4.411		1157		13.641	4.547		1182	
										SUMMATION OF RUN
										F.C.B.M. 73-17 TO F.C. 73-5C
										TOTAL BACKSIGHTS + 14.073
										TOTAL FORESIGHTS - 14.539
										DIFF IN ELEVATION - 0.466
		14.073					14.539			

F.B. 1352 PG. 62

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party L. E. DREIER 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. 352 PG. 64

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 THIN CLOUD Inst. No. 50010
Notes by G. E. DREIER Time 1:15 TO 2:40 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-17 To B.M. 30-18
Date 9-17-53
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
	4.483		194		#9	4990		201		B.M 30-17 (F.C.B.M. 73-4C)
	4.289		191			4789		199		SAN GABRIEL RIVER # TOWER #23
	4.098		385			4590		390	400	SEE F.B. 1396-20
1	12.870	4.290		385		14369	4.790	40	390	FOR DESCRIPTION
	5009		200			4.673		193		
	4.809		199			4480		191		
	4.610		399			4.289		384	784	
2	14.428	4.809		784		13.442	4.481			
	5.241		192			5721		189		
	5.049		191			5532		189		
	4.858		383			5.343		378	1167	
3	15.148	5.049		1.167		16596	5.532	6	1152	
		14.148					14.803			T.B.M (F.C.B.M 23-7)
										SAN GABRIEL RIVER # TOWER #24
										SEE F.B. 1396-20
	7.273		193			5.512		199		
	7.080		191			5.313		198		
	6.889		384			5115		397	1549	
4	21.242	7.081		1.551		15940	5.313	5		
		21.229					20.116			

F.B. 1352 PG. 65

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 PART CLOUDY Inst. No 50010
Notes by G. E. DREIER Time 1:15 TO 2:40 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-17 To B.M. 30-18
Date 9-17-53
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
	6422	21.229	205	1.551		3.857	20.116	189	1.549	
	6.217		203			3.668		188		
	6.014		408			3.480		377	3	
5	18.653	6.218		1.959		11.005	3.668		1.926	
	4.618		181			4.430		185		
	4.437		182			4.245		182		
	4.255		363			4.063		367	30	
6	13.310	4.437		2.322		12.738	4.246		2.293	
		31.884					28.030			T.B.M. (F.C.B.M. 73-5C) SAN GABRIEL RIVER & TOWER #25 SEE F.B. 1396-20
	4.780		198			4.656		211		
	4.582		194			4.445		207		
	4.388		392			4.238		418	2	
7	13.750	4.583		2.714		13.339	4.446		2.741	
	5.218		203			4.501		199		
	5.015		205			4.302		201		
	4.810		408			4.101		400	2	
8	15.043	5.014		3.122		12.904	4.301		3.141	
		41.481					36.777			

F.B. 1352 PG. 66

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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 1:15 TO 2:40 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-17 To B.M. 30-18
Date 9-17-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.281	41.481	.186	3122		5659	36777	180	3.1+1/2	
	5.095		184			5.479		179		
	4.911		370			5.300		359		
9	15.287	5.096		3.492		16.438	5.479		3.470	
		46.577					42.256			T.B.M. (F.C.B.M. 73-17) SAN GABRIEL RIVER & TOWER #26 SEE F.B. 1396-20
										SUMMATION OF RUN
	6.313		200			5122		215		TOTAL BACKSIGHTS +60.900
	6.113		200			4.907		212		TOTAL FORESIGHTS -54.773
	5.913		400			4.695		427	50	DIF. 30-17 TO 30-18 +6.127
10	18.339	6.113		3892		14.724	4.908		3.897	" 30-17 TO FC. 73-7 -0.655
	5298		201			4.332		195		" FC. 73-7 TO FC. 73-5C +4.509
	5.097		200			4.137		198		73-5C TO 73-17 +0.461
	4.897		401			3.939		393	30	73-17 TO 30-18 +1.806
11	15.292	5.097		4.293		12.408	4.136		4.290	
	3.320		208			3675		203		B.M. 30-18 (F.C.B.M. 73-6C)
	3.112		205			3.472		200		SAN GABRIEL RIVER AT
	2907		413			3272		403		TOWER #27
12	9.339	3.113		4.706	75°	10.419	3.473		4.693	SEE F.B. 1396-22
		60.900					54.773			

F.B. 1352 PG. 67

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 Inst. No.
Notes by G. E. DREIER 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. 1352 PG. 68

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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 2:40 TO 3:45 Rod No. 9 & 10

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-18 To B.M. 30-17
Date 9-17-53
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
	3643		202		#9	3290		206		B.M. 30-18 F.C.B.M. 23-6C
	3.441		201			3084		204		SAN GABRIEL RIVER & TOWER #27
	3240		403			2.880		410		SEE F.B. 1396-22
1	10.324	3.441		403		9.254	3.085		410	
	3.669		201			4.632		200		
	3.468		198			4.432		200		
	3.270		399			4.232		400		
2	10.407	3.469		.802		13.296	4.432		.810	
	4.978		211			6.181		204		
	4.767		207			5.977		205		
	4.560		418			5.772		409		
3	14.305	4.768		1.220		17.930	5.977		1.219	
		11.678					13.494			T.B.M. (F.C.B.M. 23-17)
										SAN GABRIEL RIVER AT
										TOWER # 26
										SEE F.B. 1396-20
	4.886		174			4.520		189		
	4.712		171			4.331		185		
	4.541		345			4.146		374		
4	14.139	4.713		1.565		12.997	4.332		1.593	
		16.391					17.826			

F.B. 1352 PG. 67

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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 2:40 TO 3:45 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-18 To B.M. 30-19
Date 9-17-53
Indexed K. C. Johnson

F.B. 1352 PG. 70

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.441	6.391	209	1.565		5.147	7.826	197	1.593	
	4.232		205			4.950		194		
	4.027		414			4.756		391		
5	12.700	4.233		1.979		14.853	4.951		1.984	
	4.583		201			4.722		202		
	4.382		201			4.520		201		
	4.181		402			4.319		403		
6	13.146	4.382		2.381		13.558	4.519		2.387	
		25.006				61	27.296			T.B.M. (F.C.B.M. 73-5C) SAN GABRIEL RIVER AT TOWER # 25 SEE F.B. 1396-20
	4.373		183			4.556		180		
	4.190		180			4.376		180		
	4.010		363			4.196		360		
7	12.573	4.191		2.744		13.128	4.376		2.747	
	3.773		191			6.335		202		
	3.582		189			6.133		201		
	3.393		380			5.932		403		
8	10.748	3.583		3.124		18.400	6.133		3.150	
		32.780					37.806			

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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 2:40 TO 3:45 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-18 To B.M. 30-17
Date 9-17-53
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
	5.562	32.780	208	3.124		7.316	37.805	190	3.150	
	5.354		204			7.126		189		
	5.150		412			6.937		379		
9	16.066	5.355		3.536		21.379	7.126		3.529	
		38.135					44.931			T.B.M. (F.C.B.M. 73-7)
										SAN GABRIEL RIVER & TOWER #24
										SEE F.B. 1396-20
										SUMMATION OF RUN
	5.680		190			5.202		193		TOTAL BACKSIGHTS +52.264
	5.490		189			5.009		190		TOTAL FORESIGHTS -58.407
	5.301		379			4.819		383		DIFF. 30-18 TO 30-17 -6.143
10	16.471	5.490		3.915		15.030	5.010		3.912	" 30-18 TO F.C. 73-17 -1.816
	4.398		192			4.734		201		" F.C. 73-17 TO F.C. 73-5C -0.474
	4.206		189			4.533		200		" " 73-5C TO " 73-7 -4.506
	4.017		381			4.333		401		" " 73-7 TO 30-17 +0.653
11	12.621	4.207		4.296		13.600	4.533		4.313	
	4.638		206			4.120		188		B.M. 30-17 F.C.B.M.
	4.432		205			3.932		185		SAN GABRIEL RIVER AT TOWER #23
	4.227		411			3.747		373		SEE F.B. 1396-20
12	13.297	4.432		4.707	73°	11.799	3.933		4.686	
		52.264					58.407			

F.B. 1352 PG. 71

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by G. E. DREIER 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. 352 PG. 72

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. DREIFD Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIFD Time 10:30 TO 11:30 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-18 To B.M. 30-21
Date 7-18-53
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
	2928		190		#9	6.087		198		B.M. 30-18 (F.C.B.M. 73-6C)
	2.738		188			5.889		195		SAN GABRIEL RIVER & TOWER #27
	2.550		378			5.694		393		SEE F.B. 1396-22
1	8.216	2.739		378	69°	17.670	5.890		393	
	5.124		200			4.665		192		
	4.924		196			4.473		191		
	4.728		396			4.282		383		
2	14.776	4.925		.774		13.420	4.473		.776	
	5.844		206			6.038		199		
	5.658		206			5.839		199		
	5.432		412			5.640		398		
3	16.914	5.638		1.186		17.517	5.839		1.174	
	5.929		117			6.000		120		
	5.812		113			5.880		119		
	5.699		230			5.761		239		
4	17.440	5.813		1.416		17.641	5.880		1.413	
										T.B.M.
										SAN GABRIEL RIVER & TOWER #28
										SEE F.B. 1396-22
		19.115					22.082			

F.B. 1352 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 G. E. DREIER Time 10:30 TO 11:30 Rod No. 980

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-18 To B.M. 30-21
Date 9-18-53
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
	5.550	19.115	201	1.416		5.290	22.082	195	1.413	
	5.349		200			5.095		194		
	5.149		401			4.901		389		
5	16.048	5.349		1.817		15.286	5.095		1.802	
	5.472		194			5.300		191		
	5.278		196			5.109		189		
	5.082		390			4.920		380		
6	15.832	5.277		2.207		15.329	5.110		2.182	
	5.820		205			5.188		204		
	5.615		204			4.984		201		
	5.411		409			4.783		405		
7	16.846	5.615		2.616		14.955	4.985		2.587	
		35.356					37.272			BM 30-19 (FC BM 73-7C
										SAN GABRIEL RIVER & TOWER #29
										SEE F.B. 1396-22
	5.683		189			4.935		193		
	5.494		185			4.742		192		
	5.309		374			4.550		385		
8	16.486	5.495		2.990		14.227	4.742		2.972	
		40.851					42.014			

F.B. 1352 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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:30 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-18 To B.M. 30-21
Date 7-18-53
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
	5.741	40.851	.193	2.990		5.598	42.014	199	2.972	
	5548		191			5.399		198		
	5.357		384			5201		397		
9	16.646	5.549		3374		16.198	5.399		3369	
	6.296		201			5.419		207		
	6.095		198			5.212		204		
	5.897		399			5008		411		
10	18.289	6.096		3.773		15.639	5.213		3780	
		52.496					52.626			B.M. 30-20 (F.C. B.M. 23-8 C) SAN GABRIEL RIVER AT TOWER # 30 SEE F.B. 1396-22
	5729		190			6456		191		
	5.539		189			6.265		189		
	5350		379			6.676		380		
11	16.618	5.539		4.152		18.797	6.266		4.160	
	5933		195			5.878		195		
	5.738		195			5683		195		
	5.543		390			5488		380		
12	17.214	5.738		4.542		17.049	5.683	9	4.540	
		63.773					64.575			

F.B. 1352 PG. 25

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50016
Notes by G. E. DREIER Time 10:30 TO 11:30 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-18 To B.M. 30-21
Date 9-18-53
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
	5.967	63.773	273	4542		6.281	64.575	273	4.540	
	5.694		271			6.008		273	5	
	5.423		544			5.735		546	9	
13	17.084	5.695		5.086		18.024	6.008		5.086	
		69.468					70.583			T.B.M. SAN GABRIEL RIVER AT TOWER #31 SEE F.B. 1396-24
	6.473		213			5.630		206		SUMMATION OF RUN
	6.260		211			5.424		204		TOTAL BACKSIGHTS + 86.810
	6.049		424			5.220		410		TOTAL FORE SIGHTS - 86.229
14	18.782	6.261		5.510		16.274	5.425		5.496	DIFF. 30-18 TO 30-21 + 0.581
									50	" 30-18 TO T.B.M.#28 - 2.967
	5.805		206			5.528		208		" T.B.M.#28 TO 30-19 + 1.051
	5.599		204			5.320		208		" 30-19 TO 30-20 + 1.786
	5.395		410			5.112		416		" 30-20 TO T.B.M.#31 - 0.985
15	16.799	5.600		5.920		15.960	5.320		5.642	T.B.M.#31 TO 30-21 + 1.696
	5.715		235			5.138		237		B.M. 30-21 (F.C.B.M. 73-9C)
	5.480		232			4.901		237		SAN GABRIEL RIVER & TOWER #32
	5.248		467			4.664		474		SEE F.B. 1396-24
16	16.443	5.481		6.387		14.703	4.901		6.386	
		86.810					86.229			

F.B. 1352 PG. 76

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 12:45 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-21 To B.M. 30-18
Date 9-21-53
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
	5122		232		#9	5700		237		B.M. 30-21 (F.C.B.M. 73-9C)
	4.885		235			5.468		233		SAN GABRIEL RIVER & TOWER #32
	4.650		472			5.230		470		SEE F.B. 1396-24
1	14.657	4.886		472		16.393	5.464		470	
	5.383		204			5.661		205		
	5.179		204			5.456		203		AT E. LANDA
	4.975		408			5.253		408		
2	15.537	5.179		880		16.370	5.457		878	
	5.577		207			6.413		212		
	5.370		203			6.201		211		
	5.167		410			5.990		423		
3	16.114	5.371		1.290		18.604	6.201		1.301	
		15.436					17.122			T.B.M.
										SAN GABRIEL RIVER AT
										TOWER # 31
										SEE F.B. 1396-24
	6.082		142			5.762		131		
	5.940		140			5.631		132		
	5.800		282			5.499		263		
4	17.822	5.941		1572		16.892	5.631		1.564	
		21.377					22.753			

F.B. 1352 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 HAZY - SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 12:45 Rod No. 9E

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-21 To B.M. 30-18
Date 9-21-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.554	21.377	134	1.572		5.538	22.753	136	1.564	
	5.420		138			5.402		133		
	5.282		272			5.269		269		
5	16.256	5.419		1.844		16.209	5.403		1.833	
	5.723		195			5.775		195		
	5.528		194			5.580		191		
	5.334		389			5.389		386		
6	16.585	5.528		2.233		16.744	5.581		2.219	
	6.409		190			5.684		187		
	6.219		187			5.497		187		
	6.032		377			5.310		374		
7	18.660	6.220		2.610		16.491	5.497		2.593	
		38.544					39.234			B.M. 30-20 (F.C.B.M. 73-8C) SAN GABRIEL RIVER & TOWER #30 SEE F.B. 1396-22
F.B. 1352 PG. 78										
	5.240		206			6.110		197		
	5.034		202			5.913		200		
	4.832		408			5.713		397		
8	15.106	5.035		3.018		17.736	5.912		2.990	
		43.579					45.146			

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 · SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 12:45 Rod No. 9 & 10

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-21 To B.M. 30-18
Date 9-21-55
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.520	13.579	197	3.018		6.060	15.146	197	2.990	
	5.323		194			5.863		193		
	5.129		391			5.670		390		
9	15.972	5.324		3.409		17.593	5.864		3.380	
	5.398		189			5.747		187		
	5.209		188			5.560		185		
	5.021		377			5.375		372		
10	15.628	5.209		3.786		16.682	5.561		3.752	
		56.112					56.571			B.M. 30-19 (F.C.B.M. 73-7C) SAN GABRIEL RIVER & TOWER #29 SEE F.B. 1396-22 for description
	5.150		200			5.773		203		
	4.950		202			5.570		202		
	4.748		402			5.368		405		
11	14.848	4.949		4.188		16.711	5.570		4.157	
	5.280		188			5.451		198		
	5.092		190			5.253		194		
	4.902		378			5.059		392		
12	15.274	5.091		4.566		15.763	5.254		4.549	
		61.152					67.395			

F.B. 1352, PG. 29

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER
Notes by G. E. DREIER
Weather HAZY SUN Inst. No. 50010
Time 10:00 TO 12:45 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-21 To B.M. 30-18
Date 9-21-53
Indexed K. C. Johnson

F.B. 1352 PG. 80

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.151	4.152	195	4.566		5.401	4.395	200	4.549	
	4.956		196			5.201		200		
	4.760		39 N			5.001		400		
13	14.867	4.956		4957		15.603	5.201		4.949	
	5.926	4.908	117			5.854	5.596	114		T.B.M.
	5.809		116			5.740		113		SAN GABRIEL RIVER & TOWER #28
	5.693		233			5.627		227		SEE F.B. 1396-22
14	17.428	5.809		5.190		17.221	5.740		5.176	for description
	5.782		195			5.588		208		SUMMATION OF RUN
	5.587		197			5.380		205		TOTAL BACKSIGHTS +90.100
	5.390		392			5.175		413		TOTAL FORESIGHTS -90.609
15	16.759	5.586		5582		16.143	5.381		5.589	DIFF. 30-21 TO 30-18 -0.509
	4.611		193			5.065		197		" 30-21 TO T.B.M. #31 -1.686
	4.419		190			4.868		198		" T.B.M. #31 TO 30-20 +0.996
	4.229		385	4		4.670		395		" 30-20 TO 30-19 -1.761
16	13.259	4.420		5.965		14.603	4.868		5984	" 30-19 TO T.B.M. #28 -1.029
	5.372		194			2.218		195		" T.B.M. #28 TO 30-18 +2.979
	5.178		197			2.023		191		
	4.981		391			1.832		386		B.M. 30-18 (F.C.B.M. 73-6C)
17	15.531	5.177		6355		6.073	2.024		6.370	SAN GABRIEL RIVER & TOWER #27
		90.100					90.609			SEE F.B. 1396-22 for descrip.

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 G. E. DREIER Time 2:50 TO 3:15 Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.B.M. TOWER #28 To B.M. 30-18
Date 9-22-53
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
	5.832		116		#9	5.761		113		T.B.M. AT TOWER # 28 &
	5.716		115			5.648		114		SAN GABRIEL RIVER
	5.601		231			5.534		227		SEE F.B. 1396-2
1	17.149	5.716		.231	84°	16.943	5.648		.227	
	5.850		198			5.655		206		
	5.652		194			5.449		207		SUMMATION OF RUN
	5.458		392			5.242		413		T.B.M. TOWER # 28 TO B.M. 30-18
2	16.960	5.653		.623		16.346	5.449		.640	TOTAL BACKSIGHTS + 20.759
	4.541		192			4.994		197		TOTAL FORESIGHTS - 17.774
	4.349		190			4.797		197		DIFF IN ELEVATION + 2.985
	4.159		382			4.600		394		
3	13.049	4.350		1.005		14.391	4.797		1.034	
	5.241		202			2.067		187		B.M. 30-18 (F.C.B.M. 73-6C)
	5.039		200			1.880		186		SAN GAB. RIVER & TOWER # 27
	4.839		402			1.694		373		SEE F.B. 1396-22
4	15.119	5.040		1.407		5.641	1.880		1.407	
		20.759					17.774			

F.B. 1352 PG. 81

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 9:00 TO 9:30 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-18 To T.B.M. TOWER #28
Date 9-24-53
Indexed A. M. 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
	2.119		192			5.280		196		B.M. 30-18 (F.C.B.M 73-6C)
	1.927		189			5.084		195		SAN GAB. RIVER & TOWER # 27
	1.738		381 ✓			4.889		391 ✓		SEE F.B. 1396-22
1	5.784 ✓	1.928 ✓		381	70°	15.253 ✓	5.084 ✓		391 ✓	
	5.038		200			4.586		191		AT E LANDA
	4.838		199			4.395		189		
	4.639 ✓		399 ✓			4.206 ✓		380 ✓		
2	14.515 ✓	4.838 ✓		.780 ✓		13.187 ✓	4.396 ✓		.771 ✓	
	5.487		208			5.682		195		
	5.279		206			5.487		197		
	5.073 ✓		414 ✓			5.290 ✓		392 ✓		
3	15.839 ✓	5.280 ✓		1.194 ✓		16.459 ✓	5.486 ✓		1.163 ✓	
	5.869		120			5.928		110		T.B.M. AT TOWER # 28 &
	5.749		120			5.818		109		SAN GABRIEL RIVER
	5.629 ✓		240 ✓			5.709 ✓		219 ✓		SEE F.B. 1396-22
4	17.247 ✓	5.749 ✓		1.434 ✓		17.455 ✓	5.818 ✓		1.382 ✓	
F.B. 1352 PG. 82										SUMMATION OF RUN
										TOTAL BACKSIGHTS +17.795 ✓
										TOTAL FORESIGHTS -20.784 ✓
										DIFF. IN ELEVATION -2.989 ✓
		17.795 ✓					20.784 ✓			

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 CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 9:00 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From F.C. 73-17 To B.M. 30-18
Date 9-24-53
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
	6.369		206		#9	5.161		207		T.B.M. F.C. 73-17
	6.163		204			4.954		204		SAN GAB. RIVER & TOWER #26
	5.959		410			4.750		411		SEE F.B. 1396-20
1	18.491	6.164		410	68°	14.865	4.955		411	
	4.885		200			3.925		198		
	4.685		199			3.727		197		TO E. LANDA
	4.486		399			3.530		395		
2	14.056	4.685		809		11.182	3.727		806	
	3.504		205			3.862		203		B.M. 30-18 (F.C.B.M. 73-6C)
	3.299		206			3.659		202		SAN GAB. RIVER & TOWER #27
	3.093		411			3.457		405		SEE F.B. 1396-22
3	9.896	3.299		1,220		10.978	3.659		1211	
										SUMMATION OF RUN
										R.C. 73-17 TO B.M. 30-18
										TOTAL BACKSIGHTS + 14.148
										TOTAL FORESIGHTS - 12.341
										DIFF IN ELEVATION + 1.807
		14.148					12.341			

F.B. 1352 PG. 83

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 CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 9:[illegible] Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-18 To T.B.M. F.C. 73-17
Date 9-24-53
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
	3.800		202		#9	3.441		204		B.M. 30-18 (F.C.B.M. 73-6C)
	3.598		201			3.237		205		SAN GAB. RIVER AT TOWER # 27
	3.397		403			3.032		409		SEE F.B. 1396-22
1	10.795	3.598		403	72°	9.710	3.237		409	
	3.892		195			4.859		200		T E. LANDA
	3.697		196			4.659		200		
	3.501		391			4.459		400		
2	11.090	3.697		794		13.977	4.659		809	
	5.215		206			6.422		204		T.B.M. F.C.B.M. 73-17
	5.009		207			6.218		204		SAN GAB. RIVER & TOWER # 26
	4.802		413			6.084		404	7	SEE F.B. 1396-20
3	15.026	5.009		1.207		18.654	6.218	8	1.213	
										SUMMATION OF RUN
										B.M. 30-18 TO F.C. 73-17
F.B. 1352 PG. 84										TOTAL FORESIGHTS + 12.304
										TOTAL BACKSIGHTS - 14.114
										DIFF. IN ELEVATION - 1.810
		12.304					14.114			

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-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 2:30 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.B.M. TOWER #28 To B.M. 30-19
Date 9-22-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.350		197		#9	5.100		194		T.B.M. AT TOWER # 28 &
	5.153		197			4.906		194		SAN GABRIEL RIVER
	4.956		394 ✓			4.712		388 ✓		SEE F.B. 1396-22
1	15.459 ✓	5.153 ✓		394 ✓	82°	14.718 ✓	4.906 ✓		388	
	5.440		196			5.267		188		
	5.244		194			5.079		189		T E. LANDA
	5.050		390 ✓			4.890		377 ✓		
2	15.734 ✓	5.245 ✓		784 ✓		15.236 ✓	5.079 ✓		765 ✓	
	5.759		205			5.130		202		B.M. 30-19 (F.C.B.M. 73-70)
	5.554		201			4.928		198		SAN GAB. RIVER & TOWER #29
	5.353		406 ✓			4.730		400 ✓		SEE F.B. 1396-22
3	16.666 ✓	5.555 ✓		1.190 ✓		14.788 ✓	4.929 ✓		1.165 ✓	
										SUMMATION OF RUN
										T.B.M. TOWER # 28 TO B.M. 30-19
										TOTAL BACKSIGHTS +15.953 ✓
										TOTAL FORESIGHTS -14.914 ✓
										DIFF IN ELEVATION +1.039 ✓
		15.953 ✓					14.914 ✓			

F.B. 1352, PG. 85

FORM 379.5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:50 Rod No. 9 & 10

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-19 To T.B.M. TOWER #28
Date 9-22-53
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
	5059		201		#9	5684		203		B.M. 30-19 (F.C.B.M. 73-7C)
	4858		200			5.481		201		SAN GAB. RIVER & TOWER #29
	4,658		401 ✓			5 280		404 ✓		SEE F.B. 1396-22
1	14,575	4.858 ✓		401 ✓	82°	16,445	5.482 ✓		404 ✓	
	5265		188			5437		196		
K	5077		188			5241		193		
	4.889		376 ✓			5048 ✓		389 ✓		
2	15,231	5.077 ✓		.777 ✓		15726	5.242 ✓		.793 ✓	
	5062		194			5.315		197		T.B.M. AT TOWER #28 &
	4,868		191			5.118		199		SAN GABRIEL RIVER
	4.677		385 ✓			4.919 ✓		396 ✓		SEE F.B. 1396-22
3	14,607	4.869 ✓		1.162 ✓		15352	5.117 ✓		1.189 ✓	
										SUMMATION OF RUN
										B.M. 30-19 TO T.B.M. AT TOWER #28
										TOTAL BACKSIGHTS + 14.804 ✓
										TOTAL FORESIGHTS - 15.841 ✓
F.B. 1352 PG. 86										DIFF. IN ELEVATION - 1,037 ✓
		14.804 ✓					15.841 ✓			

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 11:00 TO 11:20 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-20 To B.M. 30-19
Date 9-22-53
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
	5.209		204		#9	6.083		201		B.M. 30-20 (F.C.B.M. 73-8C)
	5.005		202			5.882		197		SAN GAB. RIVER & TOWER #30
	4.803		406 ✓			5.685		398 ✓		SEE F.B. 1396-22
1	15.017 ✓	5.006 ✓		406 ✓	80°	17.650 ✓	5.883 ✓		398 ✓	
	5.527		197			6.064		194		
	5.330		197			5.870		193		T E. LANDA
	5.133 ✓		394 ✓			5.677 ✓		387 ✓		
2	15.990 ✓	5.330 ✓		.800 ✓		17.611 ✓	5.870 ✓		.785 ✓	
	5.377		189			5.724		185		B.M. 30-19 (F.C. B.M. 73-7C)
	5.188		188			5.539		185		SAN GAB. RIVER & TOWER # 29
	5.000 ✓		377 ✓			5.354 ✓		370 ✓		SEE F.B. 1396-22
3	15.565 ✓	5.188 ✓		1.177 ✓		16.617 ✓	5.539 ✓		1.155 ✓	
										SUMMATION OF RUN
										B.M. 30-20 TO B.M. 30-19
										TOTAL BACKSIGHTS + 15.524 ✓
										TOTAL FORESIGHTS - 17.292 ✓
										DIFF IN ELEVATION - 1.768 ✓
		15524 ✓					17.292 ✓			

F.B. 1352 PG. 87

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 G. E. DREIER Time 11:20 TO 11:40 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-19 To B.M. 30-20
Date 9-22-53
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
	5.760		183		B 9	5.409		189		B.M. 30-19 (F.C.B.M. 73-7C)
	5.577		186			5.220		189		SAN GAB. RIVER & TOWER # 29
	5.391		369 ✓			5.031		378 ✓		SEE F.B. 1396-22
1	16.728 ✓	5.576 ✓		369 ✓	78°	15.660 ✓	5.220 ✓		378	
	6.075		198			5.532		197		
	5.877		195			5.335		194		
	5.682 ✓		393 ✓			5.141 ✓		391 ✓		
2	17.634 ✓	5.878 ✓		762 ✓		16.008 ✓	5.336 ✓		769 ✓	
	6.070		198			5.195		205		B.M. 30-20 (F.C.B.M. 73-8C)
	5.872		197			4.990		201		SAN GAB. RIVER & TOWER # 30
	5.675 ✓		395 ✓			4.789 ✓		406 ✓		SEE F.B. 1396-22
3	17.617 ✓	5.872 ✓		1.157 ✓		14.974 ✓	4.991 ✓		1.175 ✓	
										SUMMATION OF RUN
										B.M. 30-19 TO B.M. 30-20
										TOTAL BACKSIGHTS +17.326 ✓
										TOTAL FORESIGHTS -15.547 ✓
										DIFF IN ELEVATION +1.779 ✓
		17.326 ✓					15.547 ✓			

F.B. 1352 PG. 88

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 11:40 TO 12:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-20 To B.M. 30-19
Date 9-22-53
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
	5.243		203		#9	6.116		199		B.M. 30-20 (F.C.B.M. 73-8C)
	5.040		201			5.917		198		SAN GABRIEL RIVER & TOWER #30
	4.839		404 ✓			5.719		397 ✓		SEE F.B. 1396-22
1	15.122 ✓	5.041 ✓		404 ✓	78°	17.752 ✓	5.917 ✓		.397 ✓	
	5509		197			6051		195		
	5.312		193			5.856		194		E. LANDA
	5.119		390 ✓			5.662		389 ✓		
2	15.940	5.313 ✓		.794 ✓		17.569 ✓	5.856 ✓		.786 ✓	
	5.332		189			5.680		184		B.M. 30-19 (F.C.B.M. 73-7C)
	5.143		186			5.496		186		SAN GAB. RIVER & TOWER #29
	4.957		375 ✓			5.310		370 ✓		SEE F.B. 1396-22
3	15.432 ✓	5.144 ✓		1.169 ✓		16.486 ✓	5.495 ✓		1.156 ✓	
										SUMMATION OF RUN B.M. 30-20 TO B.M. 30-19
										TOTAL BACKSIGHTS + 15.498 ✓
										TOTAL FORESIGHTS − 17.268 ✓
										DIFF IN ELEVATION = − 1.770 ✓
		15.498 ✓					17.268 ✓			

F.B. 1352 PG. 89

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. 50,010
Notes by G. E. DREIER Time 1:00 TO 1:30 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-19 To B.M. 30-20
Date 9-22-53
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
	5.740		187		#9	5 390		190		B.M. 30-19 (F.C.B.M. 73-7C)
	5.553		183			5.200		188		SAN GABRIEL RIVER & TOWER #29
	5.370		370 ✓			5.012		378 ✓		SEE F.B. 1396-22
1	16.663 ✓	5.554 ✓		370	82°	15.602 ✓	5.201 ✓		378	✓
	6 008		195			5.464		194		↑ E. LANDA
	5.813		194			5.270		194		
	5.619		389 ✓			5 076		388 ✓	6	
2	17.440 ✓	5.813 ✓		759 ✓		15.810 ✓	5.270 ✓	8	1,776	✓
	6 180		200			5304		205		B.M. 30-20 (F.C.B.M. 73-8C)
	5.980		200			5.099		202		SAN GABRIEL RIVER & TOWER #30
	5.780		400 ✓			4897		407 ✓	?	SEE F.B. 1396-22
3	17.940 ✓	5.980 ✓		1159 ✓		15.300 ✓	5.100 ✓		1,183	✓
										SUMMATION OF RUN
										B.M. 30-19 TO B.M. 30-20
										TOTAL BACKSIGHTS +17.347 ✓
										TOTAL FORESIGHTS -15571 ✓
										DIFF. IN ELEVATION +1,776 ✓
		17.347 ✓					15.571 ✓			

F.B. 1352 PG. 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-BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 1/15 TO Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-21 To B.M. 8-32
Date 9-18-53
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
	5.638		209			5.230		206		B.M. 30-21 (F.C.B.M. 73-9C)
	5.429		209			5.024		204		SAN GABRIEL RIVER & TOWER #32
	5.220		418			4.820		410		SEE F.B. 1396-24
1	16.287	5.429		418	76°	15.074	5.025		410	
	6527		227			5.227		227		
	6.300		227			5000		225		TO E. LANDA
	6.073		454			4.775		452		
2	18.900	6.300		872		15.002	5.001		862	
	5.644		141			5.431		135		
	5.503		138			5.296		136		
	5.365		279			5.160		271		
3	16.512	5.504		1.151		15.887	5.296		1.133	
	5.537		128			4.403		135		
	5.409		129			4.268		138		
	5.280		257			4.130		273		
4	16.226	5.409		1.408		12.801	4.267		1.406	
										B.M. 8-30 F.C.B.M. 73-33T
										SAN GABRIEL RIVER & TOWER #33
										SEE F.B. 1209-27 FOR DESCRIPTION
		22.642					19.589			

F.B. 1352 PG. 91

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 G. E. DREIER Time 1:15 TO Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-21 To B.M. 8-32
Date 9-18-53
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
	7133	22.642	090	1.408		17 41	19.589	080	1.406	
	7.043		086			1.661		080		
	6.957		176			1.581		160		
5	21.133	7.044		1.584		41.983	11.661		1.566	
	11.559		112			11.975		125		
	11.447		112			11.850		127		
	11.335		224			11.723		252		
6	34.341	11.447		1.808		35.548	11.849		1.818	
		41.133					33.099			B.M. 8-31 RESET (U.S. 2189 J-51 RESET 1952) SAN GABRIEL RIVER & SPRING ST. SEE F.B. 1209-27 AND F.B. 1396-24, 25
	10.870		201			8.453		194		
	10.669		201			8.259		197		
	10.468		402			8.062		391		
7	32.007	10.669		2.210		24.774	8.258		2.209	
	14.48		193			8.005		187		
	12.55		193			7.818		188		
	10.62		386			7.630		375		
8	37.65	12.55		2.596		23.453	7.818		2.584	
		53.057					49.175			

F.B. 1352, PG. 92

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 1:15 TO Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-21 To B.M. 8-32
Date 9-18-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3624	53.057	202	2596	-	5.552	49.175	194	25.844	
	3422		202			5.358		195		
	3220		404			5.163		389		SUMMATION OF RUN
9	10.266	3.422		3.000		16.073	5.358		2.973	TOTAL BACKSIGHTS +74.796
	4.610		194			5.190		198		TOTAL FORESIGHTS - 73.487
	4.416		195			4.992		195		DIFF. 30-21 TO 8-32 + 1.309
	4.221		389			4.797		393		30-21 TO 8-30 +3.053
10	13.247	4.416		3.389		14.979	4.993		3.366	8-30 TO 8-31 +4.981
	4.798		194			5.457		201		8-31 TO 8-32 -6.725
	4.604		191			5.256		199		
	4.413		385			5.057		400		
11	13.815	4.605		3.774		15.770	5.257		3.766	
	4.959		145			5.200		145		
	4.814		144			5.055		145		
	4.670		289			4.910		290		
12	14.443	4.814		4.063		15.165	5.055		4.056	
	4.652		170			3.811		161		B.M. 8-32 (U.S. 3908 A-774)
	4.482		170			3.650		163		SPRING ST. & WISE WELL #11
	4.312		340			3.487		324		SEE F.B. 1209-28
13	13.446	4.482		4.403		10.948	3.649		4.380	
		74.796					73.487			

F.B. 1352 PG. 93

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR. Inst. No.
Notes by G. E. DREIER 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. 1352 PG. 94

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 SUN Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 10:00 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM. 8-32 To BM. 30-21
Date 9-21-53
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
	4.108		166		#9	4.943		166		BM. 8-32 (U.S. 3908 A-779)
	3.942		165			4.777		165		SPRING ST. E. OF SUDDAKER RD.
	3.777		331			4.612		331		SEE F.B 1209-28
1	11.827	3.942		331	66°	14.332	4.777		331	FOR DESCRIPTION
	5.240		144			5.003		146		
	5.096		143			4.857		146		
	4.953		287			4.711		292		↑ E. LANDA
2	15.289	5.096		618		14.571	4.857		623	
	5.489		197			4.839		197		
	5.292		194			4.642		194		
	5.098		391			4.448		391		
3	15.879	5.293		1.009		13.929	4.643		1.014	
	5.295		198			4.713		195		
	5.097		196			4.518		196		
	4.901		394			4.322		391		
4	15.293	5.098		1.403		13.553	4.518		1.405	
	5.637		195			3.704		201		
	5.442		194			3.503		200		
	5.248		389			3.303		401		
5	16.327	5.442		1.792		10.510	3.503		1.806	
		24.871					22.298			

F.B. 1352 PG. 25

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 - SUN Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 10:00 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-32 To B.M. 30-21
Date 9-21-53
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
	8.046	24.871 ✓	192	1.792 ✓		1.483	2.678 ✓	194	1.806 ✓	
	7.854		188			1.289		192		
	7.666 ✓		380 ✓			1.097 ✓		386 ✓		
6	23.566	7.855 ✓		2.172 ✓		3.869	1.290 ✓		2.192 ✓	
	8.903		195			11.323		204		
	8.708		195			11.119		204		
	8.513 ✓		390 ✓			10.915 ✓		408 ✓		
7	26.124	8.708 ✓		2.562 ✓		33.357	11.119 ✓		2.600 ✓	
		41.434 ✓					34.707 ✓			B.M. 8-31 RESET (U.S. 2189 J-51 RESET 1952) SAN GABRIEL RIVER & SPRING ST. SEE F.B. 1209-27 AND 1396-24,25
	11.790		128			11.370		112		
	11.662		124			11.258		110		
	11.538 ✓		252 ✓			11.148 ✓		222 ✓		
8	34.990	11.663 ✓		2.814 ✓		33.776	11.259 ✓		2.822 ✓	
	4.021		081			6.811		088		
	1.340		080			6.723		087		
	1.260 ✓		161 ✓			6.636 ✓		175 ✓		
9	4.021	1.340 ✓		2.975 ✓		20.170	6.723 ✓		2.997 ✓	
		54.437 ✓					52.689 ✓			

F.B. 1352 PG. 96

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 10:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-32 To B.M. 30-21
Date 9-21-53
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
		54.437		2.975			52.689		2.997	B.M. 8-30 (F.C.B.M. 78-33 T)
										SAN GABRIEL RIVER & SPRING ST.
										SEE F.B. 1209-27
	4.549		145			5.672		127		SUMMATION OF RUN
	4.404		142			5.545		128		TOTAL BACKSIGHTS + 74.036
	4.262		287			5.417		255		TOTAL FORESIGHTS + 75.331
10	13.215	4.405		3.262		16.634	5.545		3.252	DIFF. 8-32 TO 30-21 - 1.295
	5.450		138			5.666		146		" 8-32 TO 8-31 + 6.727
	5.312		134			5.520		143		" 8-31 TO 8-30 - 4.979
	5.178		272			5.377		289		" 8-30 TO 30-21 - 3.043
11	15.940	5.313		3.534		16.563	5.521		3.541	
	5.102		227			6.400		228		
	4.875		225			6.172		227		
	4.650		452			5.945		455		
12	14.627	4.876		3.986		18.517	6.172		3.996	
	5.213		209			5.615		212		B.M. 30-21 (F.C.B.M. 73-90)
	5.004		205			5.403		208		SAN GABRIEL RIVER & TOWER # 32
	4.799		414			5.195		420		SEE F.B. 1396-24
13	15.016	5.005		4.400		16.213	5.404		4.416	
		74.036					75.331			

F.B. 1352, PG. 77

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number 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. 1352 PG. 98

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR - HOT Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 10:30 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-21 To T.B.M. TOWER #31
Date 9-22-53
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
	5198		121		#9	5.500		115		B.M. 30-21 (F.C.B.M. 73-90)
	5.077		120			5.385		114		SAN GAB. RIVER & TOWER #32
	4.957		241			5.271		229		SEE F.B. 1396-24
1	15.232	5.077		241	78°	16.156	5.385		229	
	5.043		114			5.315		117		
	4.929		117			5.198		118		T. E. LANDA
	4.812		231			5.080		235		
2	14.784	4.928		472		15.593	5.198		464	
	5279		206			5557		205		
	5.073		203			5.352		202		
	4.870		409			5150		407		
3	15.222	5.074		881		16.059	5.353		871	
	5.570		206			6414		215		T.B.M. AT TOWER #31 &
	5.370		201			6.199		212		SAN GAB. RIVER
	5.169		407			5.987		427		SEE F.B. 1396-24
4	16.109	5.370		1.282		18.600	6.200		1.298	SUMMATION OF RUN
										B.M. 30-21 TO T.B.M. TOWER #31
										TOTAL BACKSIGHTS + 20.449
										TOTAL FORESIGHTS - 22.136
										DIFF IN ELEV. - 1.687
		20.449					22.136			

F.B. 1352 PG. 99

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO Rod No. 9 E 10

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From T.B.M. TOWER 31 To B.M. 30-21
Date 9-22-53
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
	6.412		212		#9	5.567		201		T.B.M. AT TOWER #31 &
	6.200		213			5.366		200		SAN GAB. RIVER
	5.987		425 ✓			5.166		401 ✓		SEE F.B. 1396-24
1	18.599	6.200 ✓		425 ✓		16.099	5.366 ✓		401 ✓	
	5.655		201			5.382		208		
	5.454		199			5.174		207		⊼ E. LANDA
	5.255		400 ✓			4.967		415 ✓		
2	16.364	5.454 ✓		825 ✓		15.528	5.175		816 ✓	
	5.469		122			5.197		112		
	5.347		122			5.079		112		
	5.225 ✓		244 ✓			4.967 ✓		224 ✓		
3	16.041	5.347 ✓		1.069 ✓		15.237	5.079 ✓		1.040 ✓	
	5.444		111			5.151		126		B.M. 30-21 (F.C.B.M. 73-90)
	5.333		110			5.025		125		SAN GAB. RIVER & TOWER #32
	5.223 ✓		221 ✓			4.900 ✓		251 ✓		SEE F.B. 1396-24
4	16.000	5.333 ✓		1.290 ✓		15.076	5.025 ✓		1.291 ✓	SUMMATION OF RUN
F.B. 1352 PG. 100										T.B.M TOWER #31 TO B.M. 30-21
										TOTAL BACKSIGHTS + 22.334
										TOTAL FORESIGHTS - 20.6464 ✓
										DIFF. IN ELEV. + 1.6896 ✓
		22.334 ✓					20.648 4			90

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 9:30 TO 10:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-21 To B.M. 8-30
Date 9-22-53
Indexed A. G. 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
	5.640		210		#9	5.235		208		B.M. 30-21 F.C.B.M. 73-9C
	5.430		211			5.027		206		SAN GAB. RIVER & TOWER #32
	5.219		421 ✓			4.821		414 ✓		SEE F.B. 1396-24
1	16.289	5.430 ✓		421 ✓	74°	15.083	5.028 ✓		414 ✓	
	6.464		227			5.169		227		↑ E. LANDA
	6.237		225			4.942		223		
	6.012		452 ✓			4.719		450 ✓		
2	18.713	6.238 ✓		873 ✓		14.830	4.943 ✓		864 ✓	
	5.571		142			5.352		133		
	5.429		139			5.219		134		
	5.290		281 ✓			5.085		267 ✓		
3	16.290	5.430 ✓		1.154 ✓		15.656	5.219 ✓		1.131 ✓	
	5.633		127			4.510		141		B.M. 8-30 (F.C.B.M. 73-33T)
	5.506		128			4.369		141		SAN GAB. RIVER & SPRING ST
	5.378		255 ✓			4.228		282 ✓		SEE F.B. 1209-27
4	16.517	5.506 ✓		1.409 ✓		13.107	4.369 ✓		1.413 ✓	
										SUMMATION OF RUN
										B.M. 30-21 TO B.M. 8-30
										TOTAL BACKSIGHTS + 22.604 ✓
					76°					TOTAL FORESIGHTS - 19.559 ✓
		22.604 ✓					19.559 ✓			DIFF IN ELEV. + 3.045 ✓

F.B. 1352, PG. 101

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 .....
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. 1352 PG. 102

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 [redacted] DREIER Weather FOGGY Inst. No. 50010
Notes by A.D. SMITH Time 8:50 TO 10:00 Rod No. 9&10

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. B-32 To B.M. B-34
Date 9-25-53
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
	5.218		.046		#9	5.063		.049		B.M. B-32 (U.S. 3908 A-77)
	5.172		.047			5.014		.048		SPRING ST. E. OF STUDEBAKER RD.
	5.125		.093			4.966		.097		SEE F.B. 1209-28
1	15.515	5.172		.093	61°	15.043	5.014		.097	FOR DESCRIPTION
										F.C.B.M. 73-510A
										SPRING ST. E. OF STUDEBAKER
										RD. BRASS DISK IN W. END
										OF GATEWAY TO L.B. WATER WELL
	4.078		.210			5.345		.215		
	3.868		.210			5.130		.217		T E. E. Dreier
	3.658		.420			4.913		.432		
2	11.604	3.868		.513		15.388	5.129		.529	
	5.297		.199			5.284		.188		
	5.098		.197			5.096		.188		
	4.901		.1396			4.908		.376		
3	15.296	5.099		.909		15.288	5.096		.905	
	5.602		.220			6.896		.211		
	5.382		.218			6.685		.210		
	5.164		.438			6.475		.421		
4	16.148	5.383		1.347		20.056	6.685		1.326	
		19.522					21.924			

F.B. 1352 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 R. E. DREIER Weather FOGGY Inst. No. 50010
Notes by A.D. SMITH Time 8:50 TO 10:00 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-32 To B.M. 8-34
Date 9-25-53
Indexed A. C. Johnson

F.B. 1352 PG 104

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
		19.522		1.347			21.924		1.326	B.M. 8-33 SPRING ST. & STUDEBAKER RD. SEE F.B. 1209-28 FOR DESCRIPTION
5	7.267 7.074 6.882 21.223	7.074	.193 .192 .385 1.732			5.288 5.095 4.902 15.285	5.095	.193 .193 .386 1.712		
6	5.361 5.167 4.972 15.500	5.167	.194 .195 .389 2.121			5.939 5.746 5.553 17.238	5.746	.193 .193 .386 2.098		
7	5.405 5.211 5.019 15.635	5.212	.194 .192 .386 2.507			5.868 5.674 5.483 17.025	5.675	.194 .191 .385 2.483		
8	5.280 5.086 4.892 15.258	5.086	.194 .194 .388 2.895			5.877 5.684 5.492 17.053	5.684	.193 .192 .385 2.868		
		42.061					44.124			

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 FOGGY Inst. No. 50010
Notes by A. D. SMITH Time 8:50 TO 10:00 Rod No. 9610

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-32 To B.M. 8-34
Date 9-25-53
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
	5.227	42.061	.188	2.895		5.359	44.124	.200	2.868	
	5.039		.187			5.159		.199		
	4.852		.375			4.960		.399		
9	15.118	5.039		3.270		15.478	5.159		3.267	
	5.886		.193			5.052		.193		
	5.693		.192			4.859		.193		
	5.501		385			4.666		386		
10	17.080	5.693		3.655		14.577	4.859		3.653	
	5.665		.189			5.221		.185		
	5.476		.188			5.036		.185		
	5.288		.377			4.851		.370		
11	16.429	5.476		4.032		15.108	5.036		4.023	
	5.241		.200			4.720		.193		
	5.041		.200			4.527		.195		
	4.841		400			4.332		388		
12	15.123	5.041		4.432		13.579	4.526		4.411	
	5.736		.146			5.333		.154		
	5.590		.147			5.179		.153		
	5.443	1 32	293			5.026		307		
13	16.769	5.590		4.725		15.538	5.179		4.718	
		68.870 900					68.883			

F.B. 1352 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 FOGGY Inst. No. 50010
Notes by A. D. SMITH Time 8:50 TO 10:20 Rod No. 9E10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-32 To B.M. 8-34
Date 9-25-53
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
	5.596	68.870	.173	4.775		6.149	68.883	.174	4.718	B.M. 8-34
	5.423	900	.172			5.975		.174		SPRING ST. & PALO VERDE AVE.
	5.251		.345			5.801		.348		SEE F.B. 1209-29
14	16.270	5.423		5.070		17.925	5.975		5.066	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 8-32 TO B.M. 8-34
										TOTAL BACKSIGHTS = 74.293
										TOTAL FORESIGHTS = 74.858
										DIFF. IN ELEVATIONS = -0.565
										Diff. 8-32 to F.C. 73-510A +0.158
										" F.C. 73-510A to 8-33 -2.560
										" 8-33 to 8-34 +1.837
					65°					
		74.293					74.858			

F.B. 1352 PG. 106

323

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 [redacted] DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 10:00 TO 11:00 Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-32
Date 9-25-53
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
	6.127		.175		#9	5.573		.173		B.M. 8-34
	5.952		.172			5.400		.173		SPRING ST. & PALO VERDE AVE.
	5.780 ✓		.347 ✓			5.227 ✓		.346 ✓		SEE F.B. 1209-29
1	17.859	5.953 ✓		.347	65°	16.200	5.400 ✓		.346 ✓	FOR DESCRIPTION
	5.078		.150			5.487		.151		↑ L. E. Dreier
	4.928		.149			5.336		.149		
	4.779 ✓		.299 ✓			5.187 ✓		.300 ✓		
2	14.785	4.928 ✓		.646 ✓		16.010	5.337 ✓		.646 ✓	
	4.732		.192			5.252		.200		
	4.540		.192			5.052		.200		
	4.348 ✓		.384 ✓			4.852 ✓		.400 ✓		
3	13.620	4.540 ✓		1.030 ✓		15.156	5.052 ✓		1.046 ✓	
	4.811		.189			5.252		.188		
	4.622		.190			5.064		.187		
	4.432 ✓		.379 ✓			4.877 ✓		.375 ✓		
4	13.865	4.622 ✓		1.409 ✓		15.193	5.064 ✓		1.421 ✓	
	4.999		.193			5.822		.191		
	4.799		.192			5.631		.191		
	4.607	3 ? ?	.385 ✓			5.440 ✓	' ' '	.382 ✓		
5	14.398	4.799 ✓		1.794 ✓		16.893	5.631 ✓		1.803 ✓	
		24.842 ✓					26.484 ✓			

F.B. 1352 PG. 107

FORM 329 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. 5001.0
Notes by A.D. SMITH Time 10:00 TO 11:00 Rod No. 9210

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-32
Date 9-25-53
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
	5.294	24.842	.193	1.794		5.171	26.984	.192	1.803	
	5.101		.191			4.979		.190		
	4.910		.384			4.789		.382		
6	15.305	5.102		2.178		14.939	4.980		2.185	
	5.912		.193			5.313		.192		
	5.719		.191			5.121		.193		
	5.528		.384			4.928		.385		
7	17.159	5.720		2.562		15.362	5.121		2.570	
	5.882		.191			5.413		.193		
	5.691		.191			5.220		.192		
	5.500		.382			5.028		.385		
8	17.073	5.691		2.944		15.661	5.220		2.955	
	5.957		.193			5.381		.192		
	5.764		.191			5.189		.193		
	5.573		.384			4.996		.385		
9	17.294	5.765		3.328		15.566	5.189		3.340	
	5.289		.194			7.263		.192		
	5.095		.194			7.071		.192		
	4.901		.388			6.879		.384		
10	15.285	5.095		3.716		21.213	7.071		3.724	
		52.215					54.065			

F.B. 1352 PG. 108

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 A. D. SMITH Time 10:00 To 11:00 Rod No. 9610

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-32
Date 9-25-53
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
		52.215		3.716			54.065		3.724	B.M. 8-33
										SPRING ST. & STUDEBAKER RD.
										SEE F.B. 1209-28
										FOR DESCRIPTION
	6.858		.213			5.557		.215		
	6.645		.213			5.342		.214		
	6.432		.426			5.128		.429		
11	19.935	6.645		4.142		16.027	5.342		4.153	
	5.210		.195			5.208		.195		
	5.015		.192			5.013		.192		
	4.823		.387			4.821		.387		
12	15.048	5.016		4.529		15.042	5.014		4.540	
	5.341		.214			4.077		.211		
	5.127		.214			3.866		.214		
	4.913		.428			3.652		.425		
13	15.381	5.127		4.957		11.595	3.865		4.965	
										FC B.M. 73-510A
										SPRING ST. E. OF STUDEBAKER RD
										BRASS DISK IN W. END OF
										GATEWAY TO L.B. WATER WELL
		69.003					68.286			

F.B. 1352 PG. 109

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 A. D. SMITH Time 10:00 TO 11:00 Rod No. 9510

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-32
Date 1-25-53
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.047	69.003	.252	4.957		5.196	69.286	.243	4.965	B.M. 8-32 (U.S. 3908-A779)
	4.995		.251			5.153		.242		SPRING ST. E. OF STUDEBAKER RD.
	4.944		.103			5.111		.085		SEE F.B. 1209-28
14	14.986	4.995		5.060		15.460	5.153		5.050	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 8-34 TO B.M. 8-32
										TOTAL BACKSIGHTS = 73.998
										TOTAL FORESIGHTS = 73.439
										DIFF. IN ELEVATIONS + 0.559
										DIFF. 8-34 TO 8-33 -1.850
										" 8-33 TO F.C. 73-510A +2.567
										F.C. 73-510A TO 8-32 -0.158
F.B. 1232 PG. 110					73°					
		73.998					73.439			

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 SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 9:50 TO 10:40 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-32
Date 9-28-53
Indexed M. 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
	6.019		.176		#9	5.467		.176		B.M. 8-34
	5.843		.173			5.291		.173		SPRING ST. & PALO VERDE AVE
	5.670		.349			5.118		.349		SEE F.B. 1209-29
1	17.532	5.844		.349	70°	15.876	5.292		.349	FOR DESCRIPTION
	5.183		.149			5.597		.154		T E. Landa
	5.034		.148			5.443		.150		
	4.886		.297			5.293		.304		
2	15.103	5.034		.646		16.333	5.444		.653	
	4.626		.194			5.142		.200		
	4.432		.192			4.942		.199		
	4.240		.386			4.743		.399		
3	13.298	4.433		1.032		14.827	4.942		1.052	
	4.681		.186			5.128		.190		
	4.495		.185			4.938		.190		
	4.310		371	0		4.748		.380		
4	13.486	4.495		1.423		14.814	4.938		1.432	
	4.960		.193			5.793		.193		
	4.767		.195			5.600		.190		
	4.572		.388	79		5.410		.383		
5	14.299	4.766		1.811		16.803	5.601		1.815	
		24.572					26.217			

F.B. 1352 PG. 111

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 9:50 TO 10:10 Rod No. 9210

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-32
Date 9-28-53
Indexed E. C. Tabayoyon

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
	5.158	24.572	.196	1.~~84~~ 791		5.035	24.217	.195	1.815	
	4.962		.192			4.840		.191		
	4.770		.388	7		4.649		.386		
6	14.890	4.963		2.199		14.524	4.841		2.201	
	5.757		.196			5.156		.195		
	5.561		.192			4.961		.191		
	5.369		388	6		4.770		.386		
7	16.687	5.562		2.587		14.887	4.962		2.587	
	5.703		.193			5.240		.192		
	5.510		.189			5.048		.195		
	5.321		.382	4		4.853		.387		
8	16.534	5.511		2.969		15.141	5.047		2.974	
	5.794		.193			5.218		.196		
	5.601		.190			5.022		.192		
	5.411		.383	3		4.830		.388		
9	16.806	5.602		3.352		15.070	5.023		3.362	
	5.182		.193			7.161		.193		
	4.989		.192			6.968		.191		
	4.797		.385	1		6.777		.384		
10	14.968	4.989		3.737		20.906	6.969		3.746	
		51.199					53.059			

F.B. 1352 PG. 11 2

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 SUNNY Inst. No. 50010
Notes by A.D. SMITH Time 9:50 TO 10:40 Rod No. 9 & 10

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-32
Date 9-28-53
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
		51.199		3.737			53.059		3.746	B.M. 8-33
										SPRING ST. & STUDEBAKER RD.
										SEE F.B. 1209-28
										FOR DESCRIPTION
	6.777		.213			5.479		.218		
	6.564		.213			5.261		.218		
	6.351		.426			5.043		.436		
11	19.692	6.564		4.163		15.783	5.261		4.182	
	5.260		.196			5.260		.191		
	5.064		.194			5.067		.190		
	4.870		.390			4.879		.381		
12	15.194	5.065		4.553		15.208	5.069		4.563	
	5.268		.212			4.009		.217		
	5.056		.210			3.792		.213		
	4.846		.422			3.579		.430		
13	15.170	5.057		4.975		11.380	3.793		4.993	
										F.C.B.M. 73-510 A
										SPRING ST. E. OF STUDEBAKER
										RD. BRASS DISK IN W. END OF
										GATEWAY TO L.B. WATER WELL
		67.885					67.182			

F.B. 1352 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 C. E. DREIER Weather SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 9:50 TO 15:40 Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-32
Date 9-28-53
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
	4.840	67.885	.054	4.975		4.991	67.182	.049	4.993	B.M. 8-32 (U.S. 3908-A779)
	4.786		.054	5		4.942		.096		SPRING ST. E. OF STUDEBAKER RD
	4.732		.108	6		4.896		.095		SEE F.B. 1209-28
14	14.358	4.786		5.083		14.829	4.943		5.088	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 8-34 TO B.M. 8-32
										TOTAL BACKSIGHTS + 72.671
										TOTAL FORESIGHTS - 72.125
										DIFF. IN ELEVATIONS + 0.546
F.B. 1352 PG. 114					72°					
		72.671					72.125			

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 CLEAR-WINDY Inst. No. 50010
Notes by A.D. SMITH Time 11:10 To 12:00 Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-33 To B.M. 8-34
Date 9-28-53
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
	7.168		.193		#9	5.190		.192		B.M. 8-33
	6.975		.191			4.998		.195		SPRING ST. & STUDEBAKER RD.
	6.784		.384			4.803		.387		SEE F.B. 1209-2B
1	20.927	6.976		.384	72°	14.991	4.997		.387	FOR DESCRIPTION
	5.219		.194			5.798		.194		
	5.025		.193			5.604		.191		T E. Landa
	4.832		.387			5.413		.385		
2	15.076	5.025		.771		16.815	5.605		.772	
	5.235		.194			5.700		.192		
	5.041		.191			5.508		.191		
	4.850		.385			5.317		.383		
3	15.126	5.042		1.156		16.525	5.508		1.155	
	5.130		.195			5.730		.193		
	4.935		.194			5.537		.194		
	4.741		.389			5.343		.387		
4	14.806	4.935		1.545		16.610	5.537		1.542	
	5.051		.192			5.176		.194		
	4.859		.191			4.982		.193		
	4.668		.383			4.789		.387		
5	14.578	4.859		1.928		14.947	4.982		1.929	
		26.837					26.629			

F.B. 1352 PG. 115

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 A.D. SMITH Time 11:10 TO 15:00 Rod No. 98.10

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-33 To B.M. 8-34
Date 9-28-53
Indexed R. 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
	5.789	22.837	.192	1.928		4.959	22.629	.195	1.929	
	5.597		.192			4.763		.193		
	5.405		.384			4.570		.383		SUMMATION OF RUN
6	16.791	5.597		2.312		14.292	4.764		2.317	B.M. 8-33 TO B.M. 8-34
	5.160		.191			4.717		.187		TOTAL BACKSIGHTS + 52.512
	4.969		.190			4.530		.186		TOTAL FORESIGHTS - 50.670
	4.779		.381			4.344		.373		DIFF. IN ELEVATIONS = +1.842
7	14.908	4.969		2.693		13.591	4.530		2.690	
	5.103		.200			4.583		.196		
	4.903		.200			4.392		.192		
	4.703		.400			4.200		.388		
8	14.709	4.903		3.093		13.180	4.393		3.078	
	5.048		.150			4.639		.150		
	4.898		.149			4.489		.150		
	4.749		.299			4.339		.300		
9	14.695	4.898		3.392		13.467	4.489		3.378	
	5.482		.173			6.039		.174		
	5.309		.175			5.865		.174		
	5.134		.348			5.691		.348		B.M. 8-34
10	15.925	5.308		3.740		17.595	5.865		3.726	SPRING ST. & PALO VERDE AVE
		52.512					50.670			SEE F.B. 1209-29 FOR DESCRIPTION

F.B. 1352 PG. 116

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. DREIER Weather SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 1:45 TO Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-35
Date 9-28-53
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
	5.433		.197		#9	5.098		.195		B.M. 8-32
	5.236		.196			4.903		.191		Spring St. & Palo Verde Ave.
	5.040 ✓		.393 ✓			4.712 ✓		.386 ✓		See F.B. 1209-29
1	15.709 ✓	5.236 ✓		.393 ✓	74°	14.713 ✓	4.904 ✓		.386 ✓	for description
	5.159		.194			4.639		.195		
	4.965		.192			4.444 ✓		.192 ✓		↑ E. Land
	4.773 ✓		.386 ✓			4.252 ✓		.387 ✓		
2	14.897 ✓	4.966 ✓		.779 ✓		13.335 ✓	4.445 ✓		.773 ✓	
	5.140		.193			4.657		.196		
	4.947		.194			4.461 ✓		.193 ✓		
	4.753 ✓		.387 ✓			4.268 ✓		.389 ✓		
3	14.840 ✓	4.947 ✓		1.166 ✓		13.386 ✓	4.462 ✓		1.162 ✓	
	5.879		.196			5.849		.195		
	5.683		.193			5.654 ✓		.194 ✓		
	5.490 ✓		.389 ✓			5.460 ✓		.389 ✓		
4	17.052 ✓	5.684 ✓		1.555 ✓		16.963 ✓	5.654 ✓		1.551 ✓	
	5.322		.193			5.038		.193		
	5.129		.192			4.845 ✓		.193 ✓		
	4.937 ✓		.385 ✓			4.652 ✓		.386 ✓		
5	15.388 ✓	5.129 ✓		1.940 ✓		14.535 ✓	4.845 ✓		1.937 ✓	
		25.962 ✓					24.310 ✓			

F.B. 1352 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 SUNNY Inst. No. 50010
Notes by A.D. SMITH Time 1:43 PM Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 9963
From B.M. 8-34 To B.M. 8-35
Date 9-28-53
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
	4.680	25.962	192	1.940		4.988	24.310	194	1.937	
	4.488		193			4.794		191		
	4.295		.385			4.603		.385		
6	13.463	4.488		2.325		14.385	4.795		2.322	
	4.630		.193			4.764		.190		
	4.437		192			4.574		.188		
	4.245		.385			4.386		.378		
7	13.312	4.437		2.710		13.724	4.575		2.700	
	5.370		.193			5.479		.194		
	5.177		.196			5.285		.192		
	4.981		.389			5.093		.386		
8	15.528	5.176		3.099		15.857	5.286		3.086	
	5.021		.191			5.151		.191		
	4.830		.190			4.960		.190		
	4.640		.381			4.770		.381		
9	14.491	4.830		3.480		14.881	4.960		3.467	
	4.920		.201			4.689		.197		
	4.719		.200			4.492		.194		
	4.519		.401			4.098		.391		
10	14.158	4.719		3.881		12.879	4.293		3.858	
		49.612					48.219			

F.B. 1352 PG. 118

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 SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 1:45 TO 2:40 Rod No. 9510

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-35
Date 9-28-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.712	49.612	.190	3.881		4.143	48.219	.199	3.858	
	4.522		.190			3.947		.196		
	4.332		380			3.748		395		
11	13.566	4.522		4.261		11.835	3.945		4.253	
	5.239		.197			4.679		.195		
	5.042		.195			4.484		.193		
	4.847		392			4.291		388		
12	15.128	5.043		4.653		13.454	4.485		4.641	
	4.749		.170			4.991		.169		
	4.579		.170			4.822		.165		
	4.409		340			4.657		334		
13	13.737	4.579		4.993		14.470	4.823		4.975	
	3.557		.172			6.211		.173		
	3.385		.168			6.038		.172		
	3.217		340			5.866		345		
14	10.159	3.386		5.333		18.115	6.038		5.320	
					72°					
		67.142					67.510			

B.M. 8-35
SPRING ST. & LOMINA AVE
SEE F.B. 1209-30
FOR DESCRIPTION

SUMMATION OF RUN
B.M. 8-34 TO B.M. 8-35
TOTAL BACKSIGHTS + 67.142
TOTAL FORESIGHTS - 67.510
DIFF IN ELEVATION -0.368

F.B. 1352 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 ____ 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. 1352, PG. 120

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 [redacted] DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:00 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-35 To B.M. 8-34
Date 9-29-53
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
	6209		170			3.560		175		B.M. 8-35
	6039		170			3.385		174		SPRING ST & LOMITA AVE
	5.869		340			3.211		349		SEE F.B. 1209-90
1	18.117	6.039		340		10.156	3.385		349	FOR DESCRIPTION
	5089		171			4.841		170		
	4.918		167			4.671		169		⊼ E. LANDA
	4.751		338			4.502		339		
2	14.758	4.919		678		14.014	4.671		688	
	4.953		194			5.509		196		
	4.758		193			5.313		194		
	4.565		387			5.119		390		
3	14.275	4.758		1,065		15.941	5.314		1,078	
	4.271		194			4.849		195		
	4.077		195			4.654		194		
	3.882		389			4.460		389		
4	12.230	4.077		1.454		13.963	4.654		1.467	
	4423		196			4853		201		
	4.227		195			4.652		200		
	4.032		391			4452		401		
5	12.682	4.227		1.845		13.957	4.652		1.868	
		24.020					22.676			

F.B. 1352 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 E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. B-35 To B.M. B-34
Date 9-29-53
Indexed A. C. Johnson

F.B. 1352 PG. 122

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
	5.189	24.020	.185	1.845		5.050	22.676	190	1.868	
	4.944		194			4.860		187		
	4.880		378	3		4.673		377		
6	14.983	4.994	8	2.224		14.583	4.861		2.245	
	5.513		194			5.400		197		
	5.319		195			5.203		193		
x	5.124		389	2		5.010		390		
7	15.956	5.319		26.73		15.613	5.204		2.635	
	4.950		195			4.801		190		
	4.755		194			4.611		188		
	4.561		389	1		4.423		378		
8	14.266	4.755		3.062		13.835	4.612		3.013	
	5.027		195			4.711		191		
	4.832		193			4.520		189		
	4.639		388	400		4.331		380		
9	14.498	4.833		3.390		13.562	4.521		3.393	
	5.044		193			5.330		196		
	4.851		192			5.134		194		
	4.659		385	8		4.940		390		
10	14.554	4.851		3.775		15.404	5.135		3.783	
		48.772					47.309			

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 11:00 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-35 To B.M. 8-34
Date 9-29-53
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
	5082	48.772	194	3.775		5.109	47.009	193	3.783	
	4.889		192			4.916		194		
	4.697		386	70		4.722		387		
11	14.668	4.889	5	4.167		14.747	4.916		4.170	
	4.696		197			5.178		194		
	4.499		193			4.984		193		
	4.306		390	60		4.791		387		
12	13.501	4.500		4.557		14.953	4.984		4.557	
	4.579		195			5.096		194		
	4.384		192			4.902		192		
	4.192		387	47		4.710		386		
13	13.155	4.385		4.938		14.708	4.903		4.943	
	5067		197			5.392		191		B.M. 8-34
	4.870		195			5.201		189		SPRING ST. & PALO VERDE AVE.
	4.675		392	96		5.012		380		SEE F.B. 1209-29
14	14.612	4.871		5.336	73°	15.605	5.202		5.323	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 8-35 TO B.M. 8-34
										TOTAL BACKSIGHTS +67.417
										TOTAL FORESIGHTS -67.014
		67.417					67.014			DIFF. IN ELEVATION +0.403

F.B. 1352 PG. 123

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 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. 352 PG. 124

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 CLEAR-BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-35 To B.M. 8-34
Date 9-29-53
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
	6213		171		#9	3565		174		B.M. 8-35
	6042		168			3391		173		SPRING ST. & LOMINA AVE.
	5.874		339			3.218		347		SEE F.B. 1209 - 30
1	18.129	6.043		339	75°	10.174	3.391		347	FOR DESCRIPTION
	5.133		169			4.890		170		
	4.964		165			4.720		169		
	4.799		334			4.551		339		E. LANDA
2	14.896	4.965		.673		14.161	4.720		.686	
	4.879		195			5.437		197		
	4.684		193			5.240		195		
	4.491		388			5.045		392		
3	14.054	4.685		1.061		15.722	5.241		1.078	
	4.267		195			4.843		193		
	4.072		194			4.650		193		
	3.878		389			4.457		386		
4	12.217	4.072	388	1.460		13.950	4.650		1.464	
	4.413		195			4.843		201		
	4.218		196			4.642		200		
	4.022		391			4.442		401		
5	12.653	4.218		1.854		13.927	4.642		1.865	
		23.983					22.644			

F.B. 1352 PG. 125

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 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-35 To B.M. 8-34
Date 9-29-53
Indexed K. C. Johnson

F.B. 352 PG. 126

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
	5.161	23.983 ✓	189	1885		5.035	22.644 ✓	195	1.865 ✓	
	4.972		190	4		4.840		193		
	4.782 ✓		379 ✓			4.647 ✓		388 ✓		
6	14.915	4.972 ✓		2230 ✓		14.522	4.841 ✓		2253 ✓	
	5.424		194			5.314		194		
	5.230		192			5.120		196		
	5.038 ✓		386 ✓	0		4.924 ✓		390 ✓		
7	15.692	5.231 ✓		2646 ✓		15.358	5.119 ✓		2643 ✓	
	4.789		191			4.648		191		
	4.598		187			4.457		194		
	4.411 ✓		378 ✓	8		4.263 ✓		385 ✓		
8	13.798	4.599 ✓		2994 ✓		13.368	4.456 ✓		3028 ✓	
	5.042		199			4.721		188		
	4.843		195			4.593		184		
	4.648 ✓		394 ✓	7		4.349 ✓		372 ✓		
9	14.533	4.844 ✓		3388 ✓		13.603	4.534 ✓		3400 ✓	
	5.039		191			5.322		194		
	4.848		193			5.128		190		
	4.655 ✓		384 ✓	3772 ✓		4.938 ✓		384 ✓		
10	14.542	4.847 ✓				15.388	5.129 ✓		3784 ✓	
		48.476 ✓					46.723 ✓			

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-BREEZE Inst. No. 50010
Notes by G.E. DREIER Time 1:30 TO Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-35 To B.M. 8-34
Date 9-29-53
Indexed M. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.118	48.476	195	3.772		5.143	46.723	192	3.784	
	4.923		192	6		4.951		192		
	4.731		387	4		4.759		384		
11	14.772	4.924		4159		14.853	4.951		4.168	
	4.637		197			5.120		195		
	4.440		194			4.925		191		
	4.246		391	4		4.734		386		
12	13.323	4.441		4.550		14.779	4.926		4.554	
	4.605		194			5.124		193		
	4.411		192			4.931		190		
	4.219		386	2		4.741		383		
13	13.235	4.412		4.936		14.796	4.932		4.937	
	5.208		188			5.552		199		B.M. 8-34
	5.020		188			5.353		197		SPRING ST. & PALO VERDE
	4832		376	0		5.156		396		SEE F.B. 1209-29
14	15.060	5.020		5.572		16.061	5.354		5.333	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 8-35 TO B.M. 8-34
										TOTAL BACKSIGHTS +67.273
										TOTAL FORESIGHTS -66.886
		67.273					66.886			DIFF IN ELEVATION + 0.387

F.B. 1352 PG. 127

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 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. 1352 PG. 128

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 R. E. DREIER Weather FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:15 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-35
Date 9-30-53
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
	5.604		202			5.251		184		B.M. 8-34
	5.402		200			5.067		186		SPRING ST & PALO VERDE AVE
	5.202		402			4.881		370		SEE F.B. 1209-29
1	16.208	5.403		402		15.199	5.066		370	FOR DESCRIPTION
	5.100		193			4.579		196		
	4.907		193			4.383		192		T E. LANDA
	4.714		386			4.191		388		
2	14.721	4.907		788		13.153	4.384		758	
	5.129		189			4.655		202		
	4.940		185			4.457		202		
	4.755		374			4.255		404		
3	14.824	4.941		1.162		13.371	4.457		1.162	
	5.117		194			5.092		193		
	4.923		190			4.899		195		
	4.733		384			4.704		388		
4	14.773	4.924		1.546		14.695	4.898		1.550	
	5.334		194			5.052		194		
	5.140		192			4.858		193		
	4.948		386			4.665		387		
5	15.422	5.141		1.932		14.575	4.858		1.937	
		25.316					23.663			

F.B. 1352 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 FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:15 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-35
Date 9-30-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.748	25.316 ✓	196	1.932 ✓		5.054	23.663 ✓	193	1.937 ✓	
	4.552		192			4.861		191		
	4.360 ✓		388 ✓			4.670 ✓		384 ✓		
6	13.660	4.553 ✓		2.320 ✓		14.585	4.862 ✓		2.321 ✓	
	4.712		193			4.850		190		
	4.519		191			4.660		190		
	4.328 ✓		384 ✓			4.470 ✓		380 ✓		
7	13.559	4.520 ✓		2.704 ✓		13.980	4.660 ✓		2.701 ✓	
	5.362		195			5.471		194		
	5.167		196			5.277		194		
	4.971 ✓		391 ✓			5.083 ✓		388 ✓		
8	15.500	5.167 ✓		3.095 ✓		15.831	5.277 ✓		3.089 ✓	
	5.078		197			5.202		189		
	4.881		193			5.013		186		
	4.688 ✓		390 ✓			4.827 ✓		375 ✓		
9	14.647	4.882 ✓		3.485 ✓		15.042	5.014 ✓		3.464 ✓	
	4.849		200			4.418		198		
	4.649		200			4.220		195		
	4.449 ✓		400 ✓			4.025 ✓		393 ✓		
10	13.947	4.649 ✓		3.885 ✓		12.663	4.221 ✓		3.857 ✓	
		49.087 ✓					47.697 ✓			

F.B. 1352 PG. 130

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 FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:15 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-34 To B.M. 8-35
Date 9-30-53
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
	4892	49.087	195	3.885		4312	47.697	193	3.857	
	4.697		195			4.119		196		
	4502		390			3923		389		
11	14.091	4.697		4.275		12.354	4.118		4.246	
	5305		192			4754		199		
	5.113		189			4.555		198		
	4.924		381			4.357		397		
12	15342	5.114		4.656		13.666	4.555		4.643	
	4678		174			4919		169		
	4.504	?	177			4.750		168		
	4.337		331			4.582		337		
13	13.519	4.506	4	4.99 ~~5.007~~		14.251	4.750		4.980	
	3579		175			6229		171		B.M. 8-35
	3.404		172			6058		171		SPRING ST & LOMINA AVE.
	3.232		347			5.887		342		SEE F.B. 1209-30
14	10.215	3.405		5.354	65°	18.174	6.058		5.322	FOR DESCRIPTION
										TOTAL BACKSIGHTS + 66.808
										TOTAL FORESIGHTS - 67.178
										DIFF IN ELEVATION - 0.~~370~~ .369
		66.808					67.178			

F.B. 1352 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 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. 1352 PG. 132

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 [redacted] E. DREIER Weather HAZY Inst. No. 50010
Notes by A.D. SMITH Time 10:10 TO 11:30 Rod No. 9210

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-35 To B.M. 8-34
Date 10-1-53
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.253		.170		#9	3.600		.171		B.M. 8-35
	6.083		.169			3.429		.174		SPRING ST. & LOMITA AVE
	5.914		.339			3.255		.345		SEE F.B. 1209-30
1	18.250	6.083		.339		10.284	3.428		.345	FOR DESCRIPTION
	5059		169			4.814		170		↑ E. LANDA
	4890		168			4.644		167		
	4722		337			4.477		337		
2	14.671	4.890		.676		13.935	4.645		.682	
	4.920		.192			5.479		.197		
	4.728		.194			5.282		.194		
	4.534		.386			5.088		.391		
3	14.182	4.727		1.062		15.849	5.283		1.073	
	4.198		.196			4.773		.192		
	4.002		.193			4.581		.191		
	3.809		.389			4.390		.383		
4	12.009	4.003		1.451		13.744	4.581		1.456	
	4.428		.196			4.860		.201		
	4.232		.198			4.659		.201		
	4.034		.394			4.458		.402		
5	12.694	4.231		1.845		13.977	4.659		1.858	
		23.934				22.596				

F.B. 1352 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 E. E. DREIER Weather HAZY Inst. No. 50010
Notes by A. D. SMITH Time 10:10 TO 11:30 Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. B-35 To B.M. B-34
Date 10-1-53
Indexed K. C. Johnson

F.B. 1352 PG. 134

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.092	23.934 ✓	.190	1.845 ✓		4.968	22.596 ✓	.196	1.858 ✓	
	4.902		.186			4.772		.193		
	4.716 ✓		.376 ✓			4.579 ✓		.389 ✓		
6	14.710	4.903 ✓		2.221 ✓		14.319	4.773 ✓		2.247 ✓	
	5.437		.197			5.327		.195		
	5.240		.194			5.132		.193		
	5.046 ✓		.391 ✓			4.939 ✓		.388 ✓		
7	15.723	5.24 ✓		2.612 ✓		15.398	5.133 ✓		2.635 ✓	
	4.811		.197			4.660		.185		
	4.614		.195			4.475		.184		
	4.419 ✓		.392 ✓			4.291 ✓		.369 ✓		
8	13.844	4.615 ✓		3.004 ✓		13.426	4.475 ✓		3.004 ✓	
	4.992		.194			4.678		.193		
	4.798		.192			4.485		.192		
	4.606 ✓		.386 ✓			4.293 ✓		.385 ✓		
9	14.396	4.799 ✓		3.390 ✓		13.456	4.485 ✓		3.389 ✓	
	5.070		.191			5.354		.194		
	4.879		.192			5.160		.192		
	4.687 ✓		.383 ✓			4.968 ✓		.386 ✓		
10	14.636	4.879 ✓		3.773 ✓		15.482	5.16 ✓		3.775 ✓	
		48.371 ✓					46.623 ✓			

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES OF THIS SHEET MUST BE MADE AS DIRECTED 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 HAZY Inst. No. 50010
Notes by A. D. SMITH Time 10:10 To 11:30 Rod No. 9210

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-35 To B.M. 8-34
Date 10-1-53
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
	5.102	48.371	.193	3.773		5.130	46.623	.194	3.775	
	4.909		.191			4.936		.194		
	4.718		.384			4.742		.388		
11	14.729	4.910		4.157		14.808	4.936		4.163	
	4.692		.197			5.178		.196		
	4.495		.195			4.982		.192		
	4.300		.392			4.790		.388		
12	13.487	4.496		4.549		14.950	4.983		4.551	
	4.587		.196			5.105		.194		
	4.391		.192			4.911		.192		
	4.199		.388			4.719		.386		
13	13.177	4.392		4.937		14.735	4.912		4.937	
	5.348		.195			5.679		.191		B.M. 8-34
	5.153		.193			5.488		.190		SPRING ST. & PALO VERDE AVE.
	4.960		.388			5.298		.381		SEE F.B. 1209-29
14	15.461	5.154		5.325		16.465	5.488		5.318	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 8-35 TO B.M. 8-34
					73°					TOTAL BACKSIGHTS 67.323
		67.323					66.942			TOTAL FORESIGHTS 66.942
										DIFF. IN ELEVATIONS + 0.381

F.B. 1352 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 ..... 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. 1352 PG. 136

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 SUNNY - WINDY Inst. No. 50010
Notes by A. D. SMITH Time 2:40 TO 3:40 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 9-35 To B.M. 8-36
Date 9-28-53
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
	6.411		.189			6.170		.194		B.M. 8-35
	6.222		.189			5.976		.193		SPRING ST. & LOMITA AVE
	6.033		.378 ✓			5.783		.387 ✓		SEE F.B. 1209-30
1	18.666	6.222 ✓		.378		17.929	5.976 ✓		.387	FOR DESCRIPTION
	5.840		.192			5.853		.194		
	5.648		.194			5.659		.190		T E. LANDA
	5.454 ✓		.386 ✓			5.469 ✓		.384 ✓		
2	16.942	5.647 ✓		.764 ✓		16.981	5.660 ✓		.771 ✓	
	5.660		.136			5.251		.137		
	5.524		.135			5.114		.134		
	5.389 ✓		.271 ✓			4.980 ✓		.271 ✓		
3	16.573	5.524 ✓		1.035 ✓		15.345	5.115 ✓		1.042 ✓	
	4.813		.135			4.485		.133		
	4.678		.137			4.292		.132		
	4.541 ✓		.272 ✓			4.160 ✓		.265 ✓		
4	14.032	4.677 ✓		1.307 ✓		12.877	4.292 ✓		1.307 ✓	
	5.138		.195			4.839		.193		
	4.943		.191			4.646		.193		
	4.752 ✓		.386 ✓			4.453 ✓		.386 ✓		
5	14.833	4.944 ✓		1.693 ✓		13.938	4.646 ✓		1.693 ✓	
		27.014 ✓					25.689 ✓			

F.B. 1352 PG. 137

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 [redacted] DREIER Weather HAZY SUN Inst. No. 50010
Notes by C.E. DREIER Time 8:30 TO 9:00 Rod No. 9810

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-35 To B.M. 8-36
Date 9-29-53
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
	6.100	27.014 ✓	190	1.693 ✓		5.679	25.689 ✓	197	1.695 ✓	
	5.910		192			5.482		193		
	5.718 ✓		382 ✓			5.289 ✓		390 ✓		
6	17.728	5.909 ✓		2.075 ✓		16.456	5.483 ✓		2.083 ✓	
	5.136		197			6.507		193		B.M. 8-36 (CLEARWATER J-4)
	4.939		194			6.314		192		SPRING ST. & BELLFLOWER BLVD.
	4.745 ✓		391 ✓			6.122 ✓		385 ✓		SEE F.B. 1209-31
7	14.820	4.940 ✓		2.466 ✓		18.943	6.314 ✓		2.466 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 8-35 TO B.M. 8-36
										TOTAL BACKSIGHTS + 37.863 ✓
										TOTAL FORESIGHTS - 37.486 ✓
										DIFF IN ELEVATION + 0.377 ✓
	37.863 ✓					37.486 ✓				

F.B. 1352 PG. 138

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 SUN Inst. No. 50010
Notes by G.E. DREIER Time 9:15 TO 10:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-36 To B.M. 8-35
Date 9-29-53
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
	6.551		193			5.180		196		B.M. 8-36 (CLEARWATER J-11)
	6.358		191			4.984		194		BELLFLOWER BLVD. & SPRING ST.
	6.167		384			4.790		390		SEE F.B. 1209-31
1	19.076	6.359		384		14.954	4.985		390	FOR DESCRIPTION
	5.629		196			6.051		192		
	5.433		193			5.857		189		E. LANDA
	5.240		389			5.670		381		
2	16.302	5.434		.773		17.580	5.860		.771	
	4.838		194			5.133		193		
	4.644		192			4.940		191		
	4.452		386			4.749		384		
3	13.934	4.645		1.159		14.822	4.941		1.155	
	4.431		131			4.819		137		
	4.300		132			4.682		134		
	4.168		263			4.548		271		
4	12.899	4.300		1.427		14.049	4.683		1.426	
	5.268		136			5.677		137		
	5.132		134			5.540		136		
	4.998		270			5.404		273		
5	15.398	5.133		1.691		16.621	5.540		1.699	
		25.871					26.009			

F.B. 1352 PG. 139

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 9:15 TO 10:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-36 To B.M. 8-35
Date 9-29-53
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
	5.879	25.871	196	1.694		5.864	26.009	193	1.699	
	5.683		192			5.671		193		
	5.491		388			5.478		386		
6	17.053	5.684		2.086		17.013	5.671		2.085	
	6.185		194			6.421		186		B.M. 8-35
	5.991		192			6.235		187		SPRING ST. & LOMINA AVE
	5.799		386			6.048		373		SEE F.B. 1209-30
7	17.975	5.992		2.465		18.704	6.235		2.458	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 8-36 TO B.M. 8-35
										TOTAL BACKSIGHTS + 37.547
										TOTAL FORESIGHTS - 37.915
										DIFF IN ELEVATION - 0.368
		37.547					37.915			

F.B. 1352 PG. 140

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 A. D. SMITH Time 10:40 TO 11:20 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-36 To B.M. 8-37
Date 9-30-53
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
	5.870		.155		#9	5.232		.160		B.M. 8-36 (CLEARWATER J-11)
	5.715		.153			5.072		.160		SPRING ST. & BELLFLOWER BLVD.
	5.562		.308			4.912		.320		SEE F.B. 1209-31
1	17.147	5.716		.308	68°	15.216	5.072		.320	FOR DESCRIPTION
	5.434		.154			5.253		.151		
	5.280		.155			5.102		.150		
	5.125		.309			4.952		.301		
2	15.839	5.280		.617		15.307	5.102		.621	
	5.649		.194			5.227		.192		
	5.455		.195			5.035		.193		
	5.260		.389			4.842		.385		
3	16.364	5.455		1.006		15.104	5.035		1.006	
	5.656		.196			5.237		.195		
	5.460		.192			5.042		.192		
	5.268		.388			4.850		.387		
4	16.384	5.461		1.394		15.129	5.043		1.393	
	5.442		.192			5.713		.194		
	5.250		.192			5.519		.194		
	5.058	(2 2)	.384			5.325	(1 2)	.388		
5	15.750	5.250		1.778		16.557	5.519		1.784	
		27.162					25.771			

F.B. 1352 PG. 14

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 A. D. SMITH Time 10:40 TO 11:20 Rod No. 9610

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-36 To B.M. 8-37
Date 9-30-53
Indexed L. C. Johnson

F.B. 1352 PG. 142

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
	6.437	27.162	.193	1.778		4.303	25.771	.190	1.781	
	6.244		.192			4.113		.190		
	6.052		.385			3.923		.380		
6	18.733	6.244		2.163		12.339	4.113		2.161	
	3.819		.124			5.388		.128		
	3.695		.123			5.260		.128		
	3.572		.247			5.132		.256		
7	11.086	3.695		2.410		15.780	5.260		2.417	
	5.723		.193			5.141		.191		
	5.530		.192			4.950		.191		
	5.338		.385			4.759		.382		
8	16.591	5.530		2.795		14.850	4.950		2.799	
	5.584		.195			5.196		.195		
	5.389		.195			5.001		.191		
	5.194		.390			4.810		.386		
9	16.167	5.389		3.185		15.007	5.002		3.185	
	5.555		.194			5.399		.191		
	5.361		.191			5.208		.195		
	5.170		.385			5.013		.386		
10	16.086	5.362		3.570		15.620	5.207		3.571	
		53.382					50.303			

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 L. E. DREIER Weather HAZY Inst. No. 5D010
Notes by A. D. SMITH Time 10:40 To 11:20 Rod No. 9610

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-36 To B.M. 8-37
Date 9-30-53
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
	5.168	53.382	.196	3.570		6.498	50.303	.194	3.571	B.M. 8-37
	4.972		.192			6.304		.191		SPRING ST. & CLARK AVE.
	4.780		.388			6.113		.385		SEE F.B. 1209-32
11	14.920	4.973		3.958	69°	18.915	6.305		3.956	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 8-36 TO B.M. 8-37
										TOTAL BACKSIGHTS + 58.355
										TOTAL FORESIGHTS − 56.608
										DIFF. IN ELEVATIONS = 1.747
		58.355					56.608			F.B. 1352 PG. 143

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. [illegible] 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. 1352 PG. 144

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 HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 11:25 TO 1:25 Rod No. 9E10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-37 To B.M. 8-36
Date 9-30-53
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
	6.465		.193		#9	5.137		.195		B.M. 8-37
	6.272		.192			4.942		.193		SPRING ST. & CLARK AVE.
	6.080		.385			4.749		.388		SEE F.B. 1209-32
1	18.817	6.272		.385	69°	14.828	4.943		.388	FOR DESCRIPTION
	5.447		.195			5.602		.193		
	5.252		.192			5.409		.191		
	5.060		.387			5.218		.384		
2	15.759	5.253		.772		16.229	5.410		.772	
	5.199		.194			5.588		.196		
	5.005		.192			5.392		.192		
	4.813		.386			5.200		.388		
3	15.017	5.006		1.158		16.180	5.393		1.160	
	5.131		.191			5.718		.196		
	4.940		.190			5.522		.193		
	4.750		.381			5.329		.389		
4	14.821	4.940		1.539		16.569	5.523		1.549	
	5.376		.127			3.811		.123		
	5.249		.127			3.688		.125		
	5.122		.254			3.563		.248		
5	15.747	5.249		1.793		11.062	3.687		1.797	
		26.720					24.956			

F.B. 1352 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. M. DREHER Weather HAZY SUN Inst. No. 50010
Notes by A.D. SMITH Time 11:25 TO 1:25 Rod No. 9210

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. B-37 To B.M. B-36
Date 9-30-53
Indexed R. C. Johnson

F.B. 1352 PG. 146

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
	4.401	26.720	.190	1.793		6.533	24.956	.193	1.797	
	4.211		.190			6.340		.190		
	4.021		.380			6.150		.383		
6	12.633	4.211		2.173		19.023	6.341		2.180	
	5.653		.191			5.391		.193		
	5.462		.192			5.198		.195		
	5.270		.383			5.003		.388		
7	16.385	5.462		2.556		15.592	5.197		2.568	
	5.180		.191			5.600		.197		
	4.989		.191			5.403		.193		
	4.798		.382			5.210		.390		
8	14.967	4.989		2.938		16.213	5.404		2.958	
	5.227		.196			5.642		.191		
	5.031		.194			5.451		.190		
	4.837		.390			5.261		.381		
9	15.095	5.032		3.328		16.354	5.451		3.339	
	5.236		.153			5.413		.153		
	5.083		.150			5.260		.154		
	4.933		.303			5.106		.307		
10	15.252	5.084		3.631		15.779	5.260		3.646	
		51.498					52.609			

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 [redacted] E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 11:25 TO 1:25 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-37 To B.M. 8-36
Date 9-30-53
Indexed A. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.289	51.498	.159	3.631		5.922	52.609	.152	3.646	B.M. 8-36 (CLEARWATER J-11)
	5.130		.159			5.770		.155		SPRING ST. & BELLFLOWER BLVD.
	4.971		.318			5.615		.307		SEE F.B. 1209-31
11	15.390	5.130		3.949	73°	17.307	5.769		3.953	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 8-37 TO B.M. 8-36
										TOTAL BACKSIGHTS - 56.628
										TOTAL FORESIGHTS - 58.378
										DIFF. IN ELEVATIONS - 1.750
		56.628					58.378			

B.V. 352 PG. 147

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.
From To
Date
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

F.B. 1352 PG. 148

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 HAZY SUN Inst. No. 50010
Notes by A.D. SMITH Time 2:10 TO Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. B-37 To B.M. B-38
Date 9-30-53
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
	5.571		.197		#9	5.476		.204		B.M. B-37
	5.374		.195			5.272		.202		SPRING ST. & CLARK AVE.
	5.179 ✓		.392 ✓			5.070 ✓		.406 ✓		SEE F.B. 1209-32
1	16.124	5.375 ✓		.392	74°	15.818	5.273 ✓		.406 ✓	FOR DESCRIPTION
	4.686		.202			5.007		.196		
	4.484		.202			4.811		.195		T. E. LANDA
	4.282 ✓		.404 ✓			4.616 ✓		.391 ✓		
2	13.452 ✓	4.484 ✓		.796 ✓		14.434 ✓	4.811 ✓		.797 ✓	
	5.370		.200			5.400		.198		
	5.170		.200			5.202		.195		
	4.970 ✓		.400 ✓			5.007 ✓		.393 ✓		
3	15.510 ✓	5.170 ✓		1.196 ✓		15.609 ✓	5.203 ✓		1.190 ✓	
	5.379		.201			4.740		.196		
	5.178		.200			4.544		.194		
	4.978 ✓		.401 ✓			4.350 ✓		.390 ✓		
4	15.535 ✓	5.178 ✓		1.597 ✓		13.634 ✓	4.545 ✓		1.580 ✓	
	5.398		.198			5.039		.195		
	5.200		.197			4.844		.193		
	5.003 ✓		.395 ✓			4.651 ✓		.388 ✓		
5	15.601 ✓	5.200 ✓		1.992 ✓		14.534 ✓	4.845 ✓		1.968 ✓	
		25.407 ✓					24.677 ✓			

F.B. 1332 PG. 44

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 HAZY SUN Inst. No. 50010
Notes by A.D. SMITH Time 2:10 TO 2:45 Rod No. 9810

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-37 To B.M. 8-38
Date 9-30-53
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
	4.894	25.407	.193	1.992		5.118	24.677	.200	1.968	
	4.701		.192			4.918		.201		
	4.509		.385			4.717		.401		
6	14.104	4.701		2.377		14.753	4.918		2.369	
	5.260		.198			4.417		.198		
	5.062		.196			4.219		.195		
	4.866		.394			4.024		.393		
7	15.188	5.063		2.771		12.660	4.220		2.762	
	5.059		.197			4.672		.200		SUMMATION OF RUN
	4.862		.193			4.472		.200		B.M. 8-37 TO B.M. 8-38
	4.669		.390			4.272		.400		TOTAL BACKSIGHTS + 50.735
8	14.590	4.863		3.161		13.416	4.472		3.162	TOTAL FORESIGHTS - 47.639
	5.358		.196			5.111		.197		DIFF IN ELEVATION + 3.096
	5.162		.192			4.914		.194		
	4.970		.388			4.720		.391		
9	15.490	5.163		3.549		14.745	4.915		3.553	
	5.738		.200			4.642		.205		
	5.538		.199			4.437		.205		
	5.339		.399			4.232		.410		
10	16.615	5.538		3.948	74°	13.311	4.437		3.963	B.M. 8-38 (CLEARWATER G-11)
		50.735					47.639			LAKEWOOD BLVD. & SPRING ST.
										SEE F.B. 1209-33
										FOR DESCRIPTION

F.B. 1352 PG. 150

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 L. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A.D. SMITH Time 2:45 To 3:20 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-38 To B.M. 8-37
Date 9-30-53
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
	4.639		.206		#9	5.732		.200		B.M. 8-38 (CLEARWATER G-11)
	4.433		.204			5.532		.200		SPRING ST. & LAKEWOOD BLVD.
	4.229		410			5.332		400		SEE F.B. 1209-33
1	13.301	4.434		.410	74°	16.596	5.532		.400	FOR DESCRIPTION
	5.119		.201			5.358		.190		
	4.918		.198			5.168		.189		
	4.720		399			4.979		379		
2	14.757	4.919		.809		15.505	5.168		.779	
	4.938		.196			5.320		.192		
	4.742		.193			5.128		.190		
	4.549		389			4.938		382		
3	14.229	4.743		1.198		15.386	5.129		1.161	
	4.370		.188			5.224		.201		
	4.182		.185			5.023		.199		
	3.997		373			4.824		400		
4	12.549	4.183		1.571		15.071	5.024		1.561	
	4.997		.195			4.778		.191		
	4.802		.192			4.587		.190		
	4.610		387			4.397		381		
5	14.409	4.803		1.958		13.762	4.587		1.942	
		23.082				25.440				

F.B. 1552 PG. 151

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 HAZY S.N Inst. No. 50010
Notes by A.D. SMITH Time 2:45 TO 3:20 Rod No. 9810

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-38 To B.M. 8-37
Date 9-30-53
Indexed R. C. Johnson

F.B. 1352 PG. 152

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
	4.421	23.082	.191	1.958		4.778	25.440	.196	1.942	
	4.230		.190			4.582		.192		
	4.040		.381			4.390		.388		
6	12.691	4.230		2.339		13.750	4.583		2.330	
	4.482		.192			5.116		.196		
	4.290		.193			4.920		.195		
	4.097		.385			4.725		.391		SUMMATION OF RUN
7	12.869	4.290		2.724		14.761	4.920		2.721	B.M. 8-38 TO B.M. 8-37
	5.002		.193			4.967		.196		TOTAL BACKSIGHTS + 46.371
	4.809		.191			4.771		.193		TOTAL FORESIGHTS - 49.451
	4.618		.384			4.578		.389		DIFF. IN ELEVATIONS -3.080
8	14.429	4.810		3.108		14.316	4.772		3.110	
	4.913		.196			4.590		.200		
	4.717		.198			4.390		.201		
	4.519		.394			4.189		.401		
9	14.149	4.716		3.502		13.169	4.390		3.511	
	5.442		.200			5.547		.202		B.M. 8-37
	5.242		.197			5.345		.200		SPRING ST. & CLARK AVE.
	5.045		.397			5.145		.402		SEE F.B. 1209-32
10	15.729	5.243		3.899	72°	16.037	5.346		3.913	FOR DESCRIPTION
		46.371					49.451			

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 R. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A.D. SMITH Time 1:20 TO 2:00 Rod No. 9610

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. B-37 To B.M. B-38
Date 10-1-53
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
	5.534		.201		#9	5.385		.196		B.M. B-37
	5.333		.198			5.189		.196		SPRING ST. & CLARK AVE.
	5.135		.399			4.993		.392		SEE F.B. 1209-32
1	16.002	5.334		.399	77°	15.567	5.189		.392	FOR DESCRIPTION
	4.382		.193			4.759		.201		
	4.189		.192			4.558		.197		
	3.997		.385			4.361		.398		
2	12.568	4.189		.784		13.678	4.559		.790	
	5.091		.194			5.128		.197		
	4.897		.197			4.931		.193		
	4.700		.391			4.738		.390		
3	14.688	4.896		1.175		14.797	4.932		1.180	
	5.075		.197			4.437		.194		
	4.878		.198			4.243		.193		
	4.680		.395			4.050		.387		
4	14.633	4.878		1.570		12.730	4.243		1.567	
	4.790		.191			4.435		.194		
	4.599		.191			4.241		.191		
	4.408		.382			4.050		.385		
5	13.797	4.599		1.952		12.726	4.242		1.952	
		23.896					23.165			

F.B. 3552 PG. 153

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 R. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 1:20 TO 2:00 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-37 To B.M. 8-38
Date 10-1-53
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
	4.766	23.896 ✓	.195	1.952 ✓		4.983	23.165 ✓	.196	1.952 ✓	
	4.571		.194			4.787		.196		
	4.377 ✓		.389 ✓			4.591 ✓		.392 ✓		
6	13.714	4.57 ✓		2.341 ✓		14.361	4.787 ✓		2.344 ✓	
	5.288		.193			4.447		.195		
	5.095		.193			4.252		.192		
	4.902 ✓		.386 ✓			4.060 ✓		.387 ✓		SUMMATION OF RUN
7	15.285	5.095 ✓		2.727 ✓		12.759	4.253 ✓		2.731 ✓	B.M. 8-37 TO B.M. 8-38
	5.147		.196			4.760		.194		TOTAL BACKSIGHTS + 49.208 ✓
	4.951		.192			4.566		.194		TOTAL FORESIGHTS - 46.113 ✓
	4.759 ✓		.388 ✓			4.372 ✓		.388 ✓		DIFF. IN ELEVATIONS + 3.095 ✓
8	14.857	4.952 ✓		3.115 ✓		13.698	4.566 ✓		3.119 ✓	
	5.858		.196			5.603		.193		
	5.662		.199			5.410		.192		
	5.463 ✓		.395 ✓			5.218 ✓		.385 ✓		
9	16.983	5.661 ✓		3.510 ✓		16.231	5.410 ✓		3.504 ✓	
	5.229		.197			4.130		.198		B.M. 8-38 (CLEARWATER G-11)
	5.032		.194			3.932		.197		SPRING ST. & LAKEWOOD BLVD.
	4.838 ✓		.391 ✓			3.735 ✓		.395 ✓		SEE F.B. 1209-33
10	15.099	5.033 ✓		3.901 ✓	76°	11.797	3.932 ✓		3.899 ✓	FOR DESCRIPTION
		49.208 ✓					46.113 ✓			

F.B. 1352 PG. 154

Form 379 SM 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 E. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 2:10 TO 2:50 Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. B-38 To B.M. B-37
Date 10-1-53
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.126		.196		#9	5.225		.196		B.M. B-38 (CLEARWATER G-11)
	3.930		.198			5.029		.195		SPRING ST. & LAKEWOOD BLVD.
	3.732		.394			4.834		.391		SEE F.B. 1209-33
1	11.788	3.929		.394	76°	15.088	5.029		.391	FOR DESCRIPTION
	5.261		.199			5.503		.193		
	5.062		.199			5.310		.190		
	4.863		.398			5.120		.383		
2	15.186	5.062		.792		15.933	5.311		.774	
	4.958		.193			5.345		.195		
	4.765		.192			5.150		.196		
	4.573		.385			4.954		.391		
3	14.296	4.765		1.177		15.449	5.150		1.165	
	4.396		.194			5.240		.195		
	4.202		.192			5.045		.193		
	4.010		.386			4.852		.388		
4	12.608	4.203		1.563		15.137	5.046		1.553	
	5.028		.198			4.809		.197		
	4.830		.198			4.612		.193		
	4.632		.396			4.419		.390		
5	14.490	4.830		1.959		13.840	4.613		1.943	
		22.789					25.149			

F.B. 1352 PG. 155

FORM 879 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 R. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A.D. SMITH Time 2:10 TO 2:50 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-38 To B.M. 8-37
Date 10-1-53
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
	4.285	22.789	.195	1.959		4.636	25.149	.192	1.943	
	4.090		.192			4.444		.189		
	3.898		.387			4.255		.381		
6	12.273	4.09		2346		13.335	4.445		2.324	
	4.544		.193			5.180		.198		
	4.351		.193			4.982		.196		
	4.158		.386			4.786		.394		SUMMATION OF RUN
7	13.053	4.351		2.732		14.948	4.983		2.718	B.M. 8-38 TO B.M. 8-37
	5.046		.196			5.010		.196		TOTAL BACKSIGHTS + 45.693
	4.850		.194			4.814		.195		TOTAL FORESIGHTS - 48.777
	4.656		.390			4.619		.391		DIFF. IN ELEVATIONS - 3.084
8	14.552	4.851		3.128		14.443	4.814		3.109	
	4.661		.198			4.288		.197		
	4.463		.196			4.091		.193		
	4.767		.394			3.898		.390		
9	13.391	4.464		3.512		12.277	4.092		3.499	
	5.340		.192			5.498		.205		B.M. 8-37
	5.148		.195			5.293		.201		SPRING ST. & CLARK AVE.
	4.953		.387			5.092		.406		SEE F.B. 1209-32
10	15.441	5.147		3.899	75°	15.883	5.294		3.905	FOR DESCRIPTION
		45.693		903			48.777			

F.B. 1352 PG. 156

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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8:15 TO Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-37 To B.M. 8-38
Date 10-2-53
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
	5521		200		#9	5.419		201		B.M. 8-37
	5.321		201			5.218		198		SPRING ST. & CLARK AVE
	5.120		401			5.020		399		SEE F.B. 1209-32
1	15.962	5.321		401	65°	15.657	5.219		1.399	FOR DESCRIPTION
	4.649		200			4.970		195		
	4.449		201			4.775		196		T E. LANDA
	4.248		401			4.579		391		
2	13.346	4.449		.802		14.324	4.775		.790	
	5.280		200			5.318		200		
	5.080		197			5.118		198		
	4.883		397			4.920		398		
3	15.243	5.081		1.199		15.356	5.119		1.188	
	5.173		196			4.539		195		
	4.977		195			4.344		193		
	4.782		391			4.151		388		
4	14.932	4.977		1.590		13.034	4.345		1.576	
	4.679		188			4.338		199		
	4.491		186			4.139		197		
	4.305	32	374			3.942		396		
5	13.475	4.492		1.964		12.419	4.140		1.972	
		24.320					23.598			

F.B. 1352 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 E. E. DREIER Weather LOW OVERCAST Inst. No. 50010
Notes by C. E. DREIER Time 8:15 TO Rod No. 98 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 8-37 To B.M. 8-38
Date 10-2-53
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
	5.221	24.320	191	1.964		5.440	23.598	195	1.972	
	5.030		191			5.245		195		
	4.839		382			5.050		390		
6	15.090	5.030		2.346		15.735	5.245		2.362	
	5.336		193			4.495		193		
	5.143		191			4.302		191		
	4.952		384			4.111		384		SUMMATION OF RUN
7	15.431	5.144		2.730		12.908	4.303		2.746	B.M. 8-37 TO B.M. 8-38
	5.271		194			4.882		193		TOTAL BACKSIGHTS + 50.427
	5.077		193			4.689		193		TOTAL FORESIGHTS - 47.338
	4.884		387			4.496		386		DIFF IN ELEVATION + 3.089
8	15.232	5.077		3.117		14.067	4.689		3.132	
	5.488		195			5.238		195		
	5.293		194			5.043		193		
	5.099		389			4.850		388		
9	15.880	5.293		3.506		15.131	5.044		3.520	
	5.766		203			4.659		201		B.M. 8-38 (CLEARWATER G-11
	5.563		202			4.458		199		SPRING ST. & LAKEWOOD BLVD.
	5.361		405			4.259		400		SEE F.B. 1209-33
10	16.690	5.563		3.911		13.376	4.459		3.920	FOR DESCRIPTION
		50.427					47.338			

F.B. 1352 PG. 158

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. DREIER Weather HAZY SUN Inst. No. 50010
Notes by C.E. DREIER Time 9:30 TO 10:00 Rod No. 9810

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-4 To B.M. 30-7
Date 10-2-53
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
	5022		143		#9	5.030		140		B.M. 30-4 (CITY L.S.)
	4.879		145			4.890		140		CLARK AVE & ATHERTON ST.
	4.734		288			4.750		280		SEE F.B. 1396-9
1	14.635	4.878		.288	70°	14.670	4.890		280	FOR DESCRIPTION
	4.580		144			5.045		145		
	4.436		145			4.900		141		⊼ E. LANDA
	4.291		289			4.759		286		
2	13.307	4.436		.577		14.704	4.901		.566	
	4.753		194			5.141		193		
	4.559		190			4.948		194		
	4.369		384			4.754		387		
3	13.681	4.560		.961		14.843	4.948		.953	
	4.710		191			5.172		194		
	4.519		192			4.978		194		
	4.327		383			4.784		388		
4	13.556	4.519		1.344		14.934	4.978		1.341	
	4.769		193			5.189		193		
	4.576		193			4.996		193		
	4.383		386			4.803		386		
5	13.728	4.576		1.730		14.988	4.996		1.727	
		22.969					24.713			

F.B. 1352 PG. 159

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 SUN. Inst. No. 500.10
Notes by G. E. DREIER Time 9:30 TO 10:00 Rod No. 9810

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-4 To B.M. 30-7
Date 10-2-53
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
	4.848	22.969	195	1.730		5.377	24.713	195	1.727	
	4.653		191			5.182		191		
	4.462		386			4.991		386		
6	13.963	4.654		2.116		15.550	5.183		2.113	
		27.623					29.896			B.M. 30-22 (CITY L.B.) ATHERTON ST & ELMFIELD AVE. SEE F.B. 1396-11 FOR DESCRIPTION
	5003		096			4.989		099		
	4.907		098			4.890		099		
	4.809		194			4.791		198		
7	14.719	4.906		2.310		14.670	4.890		2.311	
	4.554		194			4.302		192		
	4.360		192			4.110		192		
	4.168		386			3.918		384		
8	13.082	4.361		2.696		12.330	4.110		2.695	
	4.594		194			4.780		190		
	4.400		193			4.590		192		
	4.207		387			4.398		382		
9	13.201	4.400		3.083		13.768	4.589		3.077	
		41.290					43.485			

F.B. 1352 PG. 160

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 HAZY Inst. No. 50010
Notes by C.E. DREIER Time 9:30 TO 10:00 Rod No. 9 & 10

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-4 To B.M. 30-7
Date 10-2-53
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
	5.212	41.290	193	3.083		4.652	43.485	195	3.077	
	5.019		192			4.457		194		
	4.827		385			4.263		389		
10	15.058	5.019		3.468		13.372	4.457		3.466	
	5.193		192			5.234		195		
	5.001		189			5.039		197		
	4.812		381			4.842		392		
11	15.006	5.002		3.849		15.115	5.038		3.858	
	5.731		193			5.723		191		B.M. 30-7
	5.538		196			5.532		193		ATHERTON ST & BELLFLOWER BLVD
	5.342		389			5.339		384		SEE F.B. 1396-12
12	16.611	5.537		4.238		16.594	5.531		4.242	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS 56.848
										TOTAL FORESIGHTS 58.511
										DIFF 30-4 TO 30-7 - 1.663
										" 30-4 TO 30-22 - 2.273
										" 30-22 TO 30-7 + 0.610
		56.848					58.511			

F.B. 1352, PG. 16

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1352 PG. 162

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 - SUN Inst. No. 50010
Notes by G.E. DREIER Time 10:00 TO 11:00 Rod No. 7 & 10

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-7 To B.M. 30-4
Date 10-2-53
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
	5.695		194		±9	5.704		194		B.M. 30-7
	5.501		190			5.507		194		ATHERTON ST. & BELLFLOWER BLVD
	5.311		384			5.313		388	391	SEE F.B. 1396-12
1	16.507	5.502		384	72°	16.524	5.508	91	388	FOR DESCRIPTION
	5.291		196			5.249		191		
	5.096		197			5.058		189		A. E. LANDA
	4.899		392			4.869		380	71	
2	15.286	5.095		776		15.176	5.059		768	
	4.446		194			5.007		195		
	4.252		193			4.812		192		
	4.059		387			4.620		387	8	
3	12.757	4.252		1.163		14.439	4.813		1.155	
	4.780		192			4.592		194		
	4.588		191			4.398		196		
	4.397		383			4.202		390	8	
4	13.765	4.588		1.546		13.192	4.397		1.543	
	4.271		193			4.521		193		
	4.078		194			4.328		195		
	3.884		387			4.133		388	6	
5	12.233	4.078		1.933		12.982	4.327		1.933	
		23.515					24.104			

F.B. 1352 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 HAZY - SUN Inst. No. 50010
Notes by G.E. DREIER Time 10:00 TO 11:00 Rod No. 9810

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-7 To B.M. 30-4
Date 10-2-53
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
	5.009	23515	099	1.933		5.025	24.104	097	1.937/6	
	4.910		100			4.928		096		
	4.810		199			4.832		193	9/6	
6	14.729	4.910		2132		14.785	4.928		2126	
		28.425					29.032			B.M. 30-22 ATHERTON ST. & ELMFIELD AVE SEE F.B. 1396-11 FOR DESCRIPTION
	5.429		194			4.900		193		
	5.235		193			4.707		193		
	5.042		387			4.514		386	5/2	
7	15.706	5.235		2.519		14.121	4.707		2.512	
	5.238		198			4.811		191		
	5.044		192			4.620		195		
	4.852		390	86		4.425		386	901	
8	15.134	5.045		2.905		13.856	4.619		2.898	
F.B. 1352 PG. 164	5.203		193			4.739		191		
	5.010		192			4.548		190		
	4.818		385	0		4.358		381	82	
9	15.031	5.010		3.290		13.645	4.548		3.279	
		43.715					42.906			

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 W. E. DREIER Weather HAZY-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:00 Rod No. 9 & 10

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-7 To B.M. 30-4
Date 11-2-53
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
	5.166	43.715 ✓	191	3.294 0		4.785	42.906 ✓	196	3.279 82	
	4.975		188			4.589		197		
	4.787 ✓		379 ✓	69		4.392 ✓		393 ✓	5	
10	14.928	4.976 ✓		3.675 ✓		13.766	4.589 ✓		3.672	
	5092		143			4.628		146		
	4949		144			4.482		142		
	4.805 ✓		287 ✓	56		4.340 ✓		288 ✓	3	
11	14.846	4.949 ✓		3.960 ✓		13.450	4.483 ✓		3.960 ✓	
	5.049		142			5.038		142		B.M. 30-4 (CITY C.B.)
	4.907		142			4.896		143		CLARK AVE & ATHERTON ST
	4.765 ✓		284 ✓	0		4.753 ✓		285 ✓	8	SEE F.B. 1396-9
12	14.721	4.907 ✓		4.244 ✓		14.687	4.896 ✓		4.245 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +58.547 ✓
										TOTAL FORESIGHTS -56.874 ✓
										DIFF. 30-7 TO 30-4 +1.673 ✓
										" 30-7 TO 30-22 -0.607 ✓
										" 30-22 TO 30-4 +2.280 ✓
		58.547 ✓					56.874 ✓			

F.B. 1352 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..... Weather..... Inst. No.....
Notes by..... Time..... Rod No.....

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

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

F.B. 1352 PG. 166

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 2:00 TO 3:45 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-7 To B.M. 30-8
Date 10-2-53
Indexed M. G. 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
	5.527		195		#9	5.471		197		B.M. 30-7
	5.332		191			5.274		194		ATHERTON ST. & BELLFLOWER BLVD.
	5.141		386			5.080		391		SEE F.B. 1396-12
1	16.000	5.333		386	76°	15.825	5.275		391	FOR DESCRIPTION
	4.910		141			4.488		142		
	4.769		140			4.346		143		T. E. LANDA
	4.629		281			4.203		285		
2	14.308	4.769		.667		13.037	4.346		.676	
	5.539		142			3.644		144		
	5.397		144			3.500		143		
	5.253		286			3.357		287		
3	16.189	5.396		.953		10.501	3.500		.963	
		15.498					13.121			T.B.M. # 2
										BELLFLOWER BLVD AT DITCH S. OF BELLFLOWER BLVD. C.S.P.K. IN S & T. IN TOP OF PILING
	6.152		188			9.923		194		SEE F.B. 1396-12
	5.964		186			9.729		192		
	5.718		374			9.587		386		
4	17.894	5.965		1.327		29.189	9.730		1.349	
		21.463					22.851			

F.B. 1352 PG. 167

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. 5001.0
Notes by G. E. DREIER Time 2100 TO 3:45 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-7 To B.M. 30-8
Date 10-2-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.058	21.463	196	1.327		3.843	22.851	193	1.349	
	4.862		192			3.650		193		
	4.670		388			3.457		386		
5	14.590	4.863		1.715		10.950	3.650		1.735	
	2.669		121			6.242		113		
	2.548		118			6.129		112		
	2.430		239			6.017		225		
6	7.647	2.549		1.954		18.388	6.129		1.960	
	6.523		110			2.830		112		
	6.413		111			2.718		115		
	6.302		221			2.603		227		
7	19.238	6.413		2.175		8.151	2.717		2.187	
		35.288					35.347			T.B.M. #3 S. OF ATHERTON, E. OF BELLFLOWER BLVD AT JCT. OF DITCHES, LARGE B. SPR. IN S. SIDE OF P.P. #
F.B. 1352 PG. 68	2.752		194			5.230		199		SEE F.B. 1396-12
	2.558		195			5.031		196		
	2.363		389			4.835		395		
8	7.673	2.558		2.564		15.096	5.032		2.582	
		37.846					40.379			

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 G. E. DREIER Time 2:00 TO 3:45 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-7 To B.M. 30-8
Date 10-2-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.025	37.846	197	2.564		5.672	40.379	195	2.582	
	4.828		196			5.477		195		
	4.632		393			5.282		390		
9	14.485	4.828		2.957		16.431	5.477		2.972	
	4.918		196			4.960		195		
	4.722		194			4.765		194		
	4.528		390			4.571		389		
10	14.168	4.723		3.347		14.296	4.765		3.361	
	5.437		198			4.469		196		
	5.239		196			4.273		192		
	5.043		394			4.081		388		
11	15.719	5.240		3.741		12.823	4.274		3.759	
	4.727		196			4.782		194		
	4.531		197			4.588		193		
	4.334		393			4.395		387		
12	13.592	4.531		4.134		13.765	4.588		4.146	
	5.322		193			4.797	59.483	197		
	5.129		194			4.600		197		
	4.935		387			4.403		394		
13	15.386	5.129		4.521		13.800	4.600		4.540	
		62.297					64.083			

F.B. 1352, PG. 169

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-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 3:45 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-7 To B.M. 30-8
Date 10-2-53
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
	4.711	62.297	191	4.521		5.157	64.083	194	4.540	
	4.520		190			4.963		192	3	
	4.330		381			4.771		386	1	
14	13.561	4.520		4.902		14.891	4.964		4.926	
	9.554		197			5.733		193		
	9.357		197			5.540		191		
	9.160		394			5.349		384	0	
15	28.071	9.357		5.296		16.622	5.541		5.310	
	5.042		192			5.682		194		
	4.850		194			5.488		195		
	4.656		386			5.293		389	8	
16	14.548	4.849		5.682		16.463	5.488		5.679	
	5.139	81.023	196			8.349	80.076	195		
	4.943		193			8.154		193		
	4.750		389			7.961		388	7	
17	14.832	4.944		6.071		24.464	8.155	8	6.097	
	5.992		201			5.238		191		
	5.791		201			5.547		189		
	5.590		402			5.358		380	5	
18	17.373	5.791		6.473		16.643	5.548		6.477	
		91.758					93.779			

F.B. 1352 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 & WINDY Inst. No. S 0010
Notes by G.E. DREIER Time 2:00 TO 3:45 Rod No. 7 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-7 To B.M. 30-8
Date 10-2-53
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
	6.208	91.758 ✓	195	6.473 ✓		4.019	93.779 ✓	189	6.477	
	6.013		192			3.830		187	5	
	5.821		387			3.643		376 ✓	3	
19	18.042	6.014 ✓		6.860 ✓		11.492	3.831 ✓		6.833 ✓	
	4.567		195			6.299		196		B.M. 30-8
	4.372		193			6.103		192		ANAHEIM ST W. OF PALO VERDE AVE.
	4.179 ✓		388 ✓			5.911 ✓		388 ✓	2	AT DITCH BY STATE COLEDGE
20	13.118	4.373 ✓		7.248		18.313	6.104 ✓		7.241 ✓	SEE F.B. 1396-13 FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 102.145 ✓
										TOTAL FORESIGHTS - 103.714 ✓
									DIFF IN	ELEV. BM. 30-7 TO 30-8 - 1.569 ✓
									" "	" 30-7 TO T.B.M. #2 + 2.377 ✓
									" "	" T.B.M. #2 TO T.B.M. #3 - 2.436 ✓
									" "	" T.B.M. #3 TO 30-8 - 1.510 ✓
		102.145 ✓					103.714 ✓			

F.B. 1352 PG. 171

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 Inst. No.
Notes by Time Rod No.

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

F.B. 1352 PG 172

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 SUN Inst. No. 50010
Notes by A. D. SMITH Time 9:10 TO Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-8 To B.M. 30-7
Date 10-5-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.442		.193		#9	4.710		.192		B.M. 30-8
	6.249		.193			4.518		.193		ANAHEIM ST. W. OF PALO VERDE AVE.
	6.056		.386		88°	4.325		.385		AT DITCH BY STATE COLLEGE
1	18.747	6.249		.386		13.553	4.518		.385	SEE F.B. 1396-13 FOR DESCRIPTION
	4.256		.187			6.445		.191		
	4.069		.188			6.254		.190		
	3.881		.375			6.064		.381		A. E. LANDA
2	12.206	4.069		.761		18.763	6.254		.766	
	5.113		.193			5.362		.194		
	4.920		.190			5.168		.193		
	4.730		.383			4.975		.387		
3	14.763	4.921		1.144		15.505	5.168		1.153	
	8.252		.193			5.043		.195		
	8.059		.192			4.848		.195		
	7.867		.385			4.653		.390		
4	24.178	8.059		1.529		14.544	4.848		1.543	
	5.749		.193			5.113		.194		
	5.556		.194			4.919		.191		
	5.362		.387			4.720		.385		
5	16.667	5.556		1.916		14.760	4.920		1.928	
		28.854					25.708			

F.B. 1352, PG. 178

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 SUN Inst. No. 50010
Notes by A. D. SMITH Time 9:10 TO Rod No. 98.10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-B To B.M. 30-7
Date 10-5-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.660	28.854 ✓	.192	1.916 ✓		6.481	25.708 ✓	.195	1.928 ✓	
	2.468		.194			6.286		.196		
	2.274 ✓		.386 ✓			6.090 ✓		.391 ✓		
6	7.402	2.467 ✓		2.302 ✓		18.857	6.286 ✓		2.319 ✓	
	5.041		.197			4.593		.190		
	4.844		.193			4.403		.186 ✓		
	4.651 ✓		.390 ✓			4.217 ✓		.376 ✓		
7	14.536	4.845 ✓		2.692 ✓		13.213	4.404 ✓		2.695 ✓	
	4.943		.199			5.466		.195		
	4.744		.197			5.271		.191		
	4.547 ✓		.396 ✓			5.080 ✓		.386 ✓		
8	14.234	4.745 ✓		3.088 ✓		15.817	5.272 ✓		3.081 ✓	
	4.906		.194			4.858		.198		
	4.712		.192			4.660		.198		
	4.520 ✓		.386 ✓			4.462 ✓		.396 ✓		
9	14.138	4.713 ✓		3.474 ✓		13.980	4.660 ✓		3.477 ✓	
	4.582		.195			5.549		.196		
	4.387		.195			5.353		.194 ✓		
	4.192 ✓		.390 ✓			5.159 ✓		.390 ✓		
10	13.161	4.387 ✓		3.864 ✓		16.061	5.354 ✓		3.867 ✓	
		50.011 ✓					51.684 ✓			

F.B. 352 PG. 174

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 SUN Inst. No. 50010
Notes by A. D. SMITH Time 9:10 TO Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-8 To B.M. 30-7
Date 10-5-53
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
	5.030	50.011	.196	3.864		4.990	51.684	.197	3.867	
	4.834		.194			4.793		.193		
	4.640		.390			4.600		.390		
11	14.504	4.835		4.254		14.383	4.794		4.257	
	5.752		.199			5.094		.196		
	5.553		.195			4.898		.196		
	5.358		.394			4.702		.392		
12	16.663	5.554		4.648		14.694	4.898		4.649	
	5.312		.199			2.838		.196		
	5.113		.196			2.642		.193		
	4.917		.395			2.449		.389		
13	15.342	5.114		5.043		7.929	2.643		5.038	
	2.710	65.514	.113			6.406	64.019	.110		T.B.M. #3 S. OF ATHERTON, E. OF BELLFLOWER BLVD. AT J.C.I. OF DITCHES, LARGE B. SPK. IN S. SIDE OF P.P. # SEE F.B. 1396-12 FOR DESCRIPTION
	2.597		.115			6.296		.111		
	2.482		.228			6.185		.221		
14	7.789	2.596		5.271		18.887	6.296		5.259	
	6.064		.115			2.483		.115		
	5.949		.115			2.368		.116		
	5.834		.230			2.252		.231		
15	17.847	5.949		5.501		7.103	2.368		5.490	
		74.059					72.683			

F.B. 1352 PG. 175

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 SUN Inst. No. 50010
Notes by A.D. SMITH Time 9:10 TO Rod No. 9610

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-B To B.M. 30-7
Date 10-5-53
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
	3.718	74.059	.193	5.501		4.931	72.683	.193	5.490	SUMMATION OF RUN
	3.525		.194			4.738		.193		B.M. 30-B TO B.M. 30-7
	3.331		.387			4.545		.386		TOTAL BACKSIGHTS + 100.375
16	10.574	3.525		5.888		14.214	4.738		5.876	TOTAL FORESIGHTS - 98.835
	9.892		.193			6.129		.190		DIFF. IN ELEVATIONS + 1.540
	9.699		.191			5.939		.189		DIFF. 30-B TO T.B.M. #3 + 1.495
	9.508		.384			5.750		.379		" T.B.M. #3 TO T.B.M. #2 + 2.429
17	29.099	9.700		6.272		17.818	5.939		6.255	" T.B.M. #2 TO B.M. 30-7 - 2.384
	3.593	87.284	.145			5.490	83.360	.145		T.B.M. #2
	3.448		.143			5.345		.141		BELLFLOWER BLVD. AT DITCH
	3.305		.288			5.204		.286		S/ OF BELLFLOWER BLVD. C. SPK.
18	10.346	3.449		6.560		16.039	5.346		6.541	W. & T. IN TOP OF PILING
	4.518		.140			4.952		.145		SEE F.B. 1396-12
	4.378		.137			4.807		.145		FOR DESCRIPTION
	4.241		.277			4.662		.290		
19	13.137	4.379		6.837		14.421	4.807		6.831	
	5.460		.198			5.516		.195		B.M. 30-7
	5.262		.195			5.321		.191		ATHERTON ST. & BELLFLOWER BLVD.
	5.067		.393			5.130		.386		SEE F.B. 1396-12
20	15.789	5.263		7.230	62°	15.967	5.322		7.217	FOR DESCRIPTION
		100.375					98.835			

F.B. 1352 PG. 176

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 Clear Inst. No. 50010
Notes by E Landa Time 1:50 to 3:30 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-8 To B.M. 30-7
Date 10-5-53
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
	6627		195		#9	4691		193		B.M. 30-8
	6232		192			4501		189		Anaheim St. W of Palo Verde Dr.
	6040		387			4312		382		By State Collen
1	18699	6.233		387	100'	13504	4.502		382	See F.B. 1396-13 for descrip.
	4110		187			6299		191		
	3923		186			6108		191		C.E. Dreier
	3737		373			5917		382		
2	11770	3.923		760		18324	6.108		764	
	4560		193			5107		194		
	4467		194			4913		193		
	4273		387			4720		387		
3	12000	4.667		1147		14740	4.913		1151	
	8328		192			5117		196		
	8136		192			4921		193		
	7944		384			4728		389		
4	24408	8.136		1531		14766	4.922		1546	
	5702		194			5063		193		
	5508		194			4870		193		
	5314		388			4677		386		
5	16524	5.508		1919		14610	4.870		1924	
		28.467					25.315			

F.B. 1352 PG. 177

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. D. [illegible] Weather Clear Inst. No. 50010
Notes by E. Landa Time 1:50 to 3:30 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-8 To B.M. 30-7
Date 10-5-53
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
	2777	28.467	195	1919		6592	25.315	195	1926	
	2582		192			6397		196		
	2390		387			6201		391		
6	7749	2583		2306		19190	6.397		2317	
	5152		192			6710		191		
	4960		192			6519		189		
	4768		384			6330		380		
7	14880	4.960		2690		13559	6.520		2697	
	5070		197			5593		193		
	4873		196			5400		192		
	4679		391			5208		385		
8	14622	4.874		3081		16201	5.400		3082	
	4895		194			4844		195		
	4701		192			4649		196		
	4509		380			4453		391		
9	14105	4.702		3467		13946	4.649		3473	
	4506		194			5069		195		
	4310		193			5274		193		
	4117		387			5081		388		
10	12931	4.310		3854		15824	5.275		3861	
		49.896					51.556			

F.B. 1352 PG. 178

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. Landa Time 1:50 to 3:30 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 1923
From B.M. 30-8 To B.M. 30-7
Date 10-5-53
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
	5165	4.896	195	3850		5122	5.536	193	3864	
	4970		195			4929		190		
	4775		390			4735		387		
11	14910	4.970		4240		14786	4.929		4248	
	5733		195			5080		197		
	5538		195			4883		195		
	5343		390			4688		392		
12	16614	5.538		4634		14651	4.884		4640	
	5250		198			2771		192		
	5052		195			2579		191		
	4857		393			2388		383		
13	15159	5.053		5027		7738	2.579		5023	
		65.157					63.948			T.B.M. #3
										E. of Bellflower Blvd. S of
										Atherton St. Brk. in
										S. side of P.P. # 829783E
	2725		113			6621		110		See F.B. 1396-12 for des.
	2612		113			6311		109		
	2499		226			6202		219		
10	7836	2.612		5253		18934	6.311		5242	
		68.069					70.259			

F.B. 1352 PG. 179

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 1150 to 3.30 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-8 To B.M. 30-7
Date 10-5-53
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
	6371	68.069	114	5253		2790	70.239	117	5222	
	6257		116			2673		114		
	6141		230			2559		231		
15	18769	6.256		5083		8022	2.674		5473	
	3983		193			5190		193		
	3790		191			4997		193		
	3599		386			4806		386		
16	11372	3.791		5867		16991	5.997		5859	
	9986		196			6218		186		
	9792		194			6032		186		
	9598		388			5828		390		
17	29376	9.792		6255		18098	6.033		6269	
		87.908					83.764			T.B.M. #2
										Ball Flower Blvd. at Ditch S
										of Atherton St. Csak.
										W.E.T. in Top of Piling
	3622		144			5520		143		See F.B. 1396-12 for dec.
	3478		141			5397		144		
	3357		285			5253		287		
18	10492	3.499		6540		16190	5.397		6536	
		91.407					89.363			

F.B. 1352 PG. 180

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. 500-0
Notes by E. Landa Time 1:50 to 3:30 Rod No. 9&10

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-8 To B.M. 30-7
Date 10-5-53
Indexed K. 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
	4580	91.407	143	6360		5000	89.363	139	6536	
	4437		143			4861		139		
	4294		286			4722		278		
19	13311	4.437		6826		14583	4.861		6814	
	5596		195			5453		193		B.M. 30-7
	5401		194			5260		192		Bellflower Blvd. & Alberton St.
	5207		389			5068		385		See F.B. 1396-12
20	16208	5.401		7215	87°	16381	5.460		7199	for description
										Summation of Run
										Total Backsights = 101.245
										Total Foresights = 99.684
									Diff. in	Elev. B.M. 30-8 to B.M. 30-7 = +1.564
									" "	" " 30-8 to T.B.M. #3 = +1.509
									" "	" " T.B.M. #3 to T.B.M. #2 = +2.035
									" "	" " " #2 to B.M. 30-7 = -2.381
										F.B. 1352 PG. 181
		101.245					99.684			

1

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. 1352 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 HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 5:35 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-8 To B.M. 30-9
Date 10-6-53
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
	3818		215		#9	5.167		180		B.M. 30-8 ANAHEIM ST.
	3603		213			4.987		182		W. OF PALO VERDE AVE. AT DITCH
	3390		428			4.805		362		SEE F.B. 1396-13
1	10.811	3.604		428	83°	14.959	4.986		362	FOR DESCRIPTION
	4.968		200			4.427		210		
	4.768		199			4.217		209		
	4.569		399			4.008		419		T. E. LANDA
2	14.305	4.768		.827		12.652	4.217		.781	
	4.947		198			4.153		209		
	4.749		197			3.944		206		
	4.552		395			3.738		415		
3	14.248	4.749		1.222		11.835	3.945		1.196	
	4.600		200			5.238		206		
	4.400		200			5.032		207		
	4.200		400			4.825		413		
4	13.200	4.400		1622		15.095	5.032		1.609	
	4.879		138			3.232		140		
	4.741		135			3.092		140		
	4.606		273			2.952		280		
5	14.226	4.742		1.895		9.276	3.092		1.889	
		22.263					21.272			

F.B. 1352 PG. 183

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 SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-8 To B.M. 30-9
Date 10-6-53
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
		22.263		1,895			21.372		1.889	T.B.M. #4 (VAC) PALO VERDE AVE +700' S. OF ANAHEIM ST. CHISELED "□" IN S.
	4.870		152			1949		145		
	4.718		153			1.804		144		
	4.565		305			1660		289		
6	14.153	4.718		2.200		5.413	1.804		2.178	
	8578		066			0.427		067		
	8.512		062			0.360		066		
	8.450		128			0.294		133		
7	25.540	8.513		2.328		1.081	0.360		2.311	
	10.042		066			0.618		064		
	9.976		064			0.554		064		
	9.912		130			0490		128		
8	29.930	9.977		2.458		1.662	0.554		2.439	
	10.018		066			0.418		066		
	9.952		064			0.352		064		
	9.888		130			0 288		130		
9	29.858	9.953		2588		1.058	0.353		2569	
		55.424					24.343			

F.B. 1352 PG. 184

FORM 379 5M 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 HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 9:35 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-8 To B.M. 30-9
Date 10-6-53
Indexed E. G. 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
	11.559	55.424	121	2.588		1144	24.343	128	2.569	B.M. 30-9 (U.S. 3739) (CITY L.B. 561) (F.C. 73-45 561)
	11.438		120			1016		127		VAC. PALO VERDE AVE & VAC.
	11.318		241			0889		255		ANAHEIM ST.
10	34315	11.438		2.829	87°	3.049	1.016		2.824	SEE F.B. 1396 - 74
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +66.862
										TOTAL FORESIGHTS -25.359
										DIFF IN ELEV. BM 30-8 TO BM 30-9 +41.503
										DIFF " " " TO T.B.M. #4 +0.991
										" T.B.M. #4 TO B.M. 30-9 -40.512
										F.B. 1352 PG. 185
		66862					25359			

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 G. E. DREIER 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. 1352 PG. 186

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 SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:35 TO 10:15 Rod No. 9 & 10

L.A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From B.M. 30-9 To B.M. 30-8
Date 10-6-53
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
	1140		128			11.553		121		B.M. 30-9 (U.S. 3739) (C.C. 73-L6356) (CITY L.8.56)
	1012		129			11.432		120		VAC. PALO VERDE & VAC.
	0.883		257			11.312		241		ANAHEIM ST. AT BIXBY
1	3.034	1.012		.257		34.297	11.438		.241	RANCH
	0.347		067			9.944		065		SEE F.B. 1396-14
	0.280		067			9.879		064		
	0.213		134			9.815		129		
2	0.840	0.280		.391		29.638	9.879		.370	T E. LANDA
	0.489		066			9.912		064		
	0.423		064			9.848		065		
	0.359		130			9.783		129		
3	1.271	0.424		.521		29.543	9.848		.499	
	0.423		.065			8.576		.065		
	0.358		066			8.511		.065		
	0.292		131			8.446		130		
4	1.073	0.358		.652		25.533	8.511		.629	
	2.040		146			4.958		154		T.B.M. #4 VAC. PALO VERDE
	1.894		144			4.804		152		ST. ST. S. OF ANAHEIM ST
	1.750		290			4.652		306		CHISELED "□" IN S. END 3 BRIDGE
5	5.684	1.895		.942		14.414	4.805		.935	
		3.969					44.475			

F.B. 1352 PG. 187

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 SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:35 TO 10:15 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-9 To B.M. 30-8
Date 10-6-53
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
	3.488	3.969 ✓	136	.942 ✓		5.142	4.475 ✓	142	.935 ✓	
	3.352		135			5.000		140		
	3.217 ✓		271 ✓			4.860 ✓		282 ✓		
6	10.057	3.352 ✓		1.213 ✓		15.002	5.001 ✓		1.217 ✓	
	5.288		205			4.660		204		SUMMATION OF RUN
	5.083		202			4.456		202		TOTAL BACKSIGHTS +25.460 ✓
	4.881 ✓		407 ✓			4.254 ✓		406 ✓		TOTAL FORESIGHTS -66.961 ✓
7	15.252	5.084 ✓		1.620 ✓		13.370	4.457 ✓		1.623 ✓	DIFF 30-9 TO 30-8 -41.501 ✓
	3.980		201			4.788		204		" 30-9 TO T.B.M.#4 -40.506 ✓
	3.779		202			4.584		202		" T.B.M.#4 TO 30-8 -0.995 ✓
	3.577 ✓		403 ✓			4.382 ✓		406 ✓		
8	11.336	3.779 ✓		2.023 ✓		13.754	4.585 ✓		2.029 ✓	
	4.389		203			4.942		208		
	4.186		204			4.734		204 ✓		
	3.982 ✓		407 ✓			4.530 ✓		412 ✓		
9	12.557	4.186 ✓		2.430 ✓		14.206	4.735 ✓		2.441 ✓	
	5.272		187			3.917		210		B.M. 30-8
	5.090		186			3.707		206 ✓		ANAHEIM ST. W. OF PALO VERDE
	4.904 ✓		373 ✓			3.501 ✓		416 ✓		AT DITCH
10	15.271	5.090 ✓		2.803 ✓	90°	11.125	3.708 ✓		2.851 ✓	SEE F.B. 1396-13
		25.460 ✓					66.961 ✓			

F.B. 1352 PG. 188

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 G. E. DREIER Time 10:30 TO 11:45 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-9 To B.M. 30-12
Date 10-6-53
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
	3.847		191			10.814		193		B.M. 30-9 (U.S. 3739) (City L.B. 561)
	3.656		188			10.621		190		(F.C. 73-L.B. 561)
	3.468		379			10.431		383		VAC. PALO VERDE & VAC. ANAHEIM
1	10.971	3.657		.379	90°	31.866	10.622		383	ST. ON BIXBY RANCH
	0.531		126			10.983		139		SEE F.B. 1396-14 FOR DESC.
	0.405		124			10.844		139		
	0.281		250			10.705		278		E. LANDA
2	1.217	0.406		.629		32.532	10.844		.661	
	0.724		116			9.810		118		
	0.608		116			9.692		116		
	0.492		232			9.576		234		
3	1.824	0.608		.861		29.078	9.693		.895	
	1.473		094			9.080		096		
	1.379		093			8.984		095		
	1.286		187			8.889		191		
4	4.138	1.379		1.048		26.953	8.984		1.086	
	1.968		096			4.838		096		F.C.B.M. 5510
	1.872		094			4.742		092		VAC. ANAHEIM ST. E. OF VAC.
	1.778		190			4.650		188		PALO VERDE
5	5.618	1.873		1.238		14.230	4.743		1.274	B. SPK IN E'LY END CONC. RETAINING WALL
		7.923					44.886			

F.B. 1352 PG. 189

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 10:30 TO 11:45 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-9 To B.M. 30-12
Date 10-6-53
Indexed A. C. Johnson

F.B. 1352 PG. 190

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
	0.597	7.923	123	238		6.649	44.886	127	1.274	
	0.468		123			6.522		125		
	0.345		246			6.397		252		
6	1.404	0.468		1.484		19.568	6.523		1.526	
	5.722		206			6.441		187		
	5.516		206			6.254		184		
	5.310		412			6.070		371		
7	16.548	5.516		1.896		18.765	6.255		1.897	
		13.907					57.664			B.M. 30-10 (F.C.B.M. 129-4) VAC. ANAHEIM RD. & LOS CERRITOS CHANNEL SEE F.B. 1396-15 FOR DESC.
	4.760		199			5.000		198		
	4.561		198			4.802		194		
	4.363		397			4.608		392		
8	13.684	4.561		2.293		14.410	4.803		2.289	
	5.653		194			4.722		195		
	5.459		196			4.527		196		
	5.263		390			4.331		391		
9	16.375	5.458		2.683		13.580	4.527		2.680	
		23.926					66.994			

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-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 10 30 TO 11 45 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-9 To B.M. 30-12
Date 10-6-53
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
	4963	23.926	122	2.683		4.395	66.994	116	2.680	SUMMATION OF RUN
	4.841		122			4.279		117		TOTAL BACKSIGHTS + 36.791
	4.719		244			4.162		233		TOTAL FORESIGHTS - 80.819
10	14.523	4.841		2.927		12.836	4.279		2.913	DIFF 30-9 TO 30-12 - 44.028
	4.868		120			4462		128		30-9 TO F.C.B.SPK + 36.963
	4.748		119			4334		126		F.C.B.SPK TO 30-10 - 6794
	4.629		239			4208		254		30-10 TO 30-11 + 1.664
11	14.245	4.748		3.166		13.004	4.335		3.167	30-11 TO 30-12 - 1.935
		33.515					75.608			B.M. 30-11 (F.C.B.M. 120-4A LOS CERRITOS CHANNEL & 7th ST. SEE F.B. 1396-16 FOR DESCRIPTION
	3497		222			5422		211		B.M. 30-12 (F.C.B.M. 120-4B)
	3.275		220			5211		210		LOS CERRITOS CHANNEL, E SIDE
	3.055		442			5.001		421		@ 7th ST. N. SIDE
12	9.827	3.276		3.608	82°	15.634	5.211		3588	SEE F.B. 1396-16
		36.791					80.819			

F.B. 1352 PG. 191

FORM 379 5M 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 Inst. No.
Notes by G. E. DREIER 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. 1352 PG. 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 CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 12:45 TO 2:45 Rod No. 9810

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 30-12 To B.M. 30-9
Date 10-6-53
Indexed E. G. 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
	5.291		215		#9	3.360		220		B.M. 30-12 (F.C. B.M. 120-45
	5.076		214			3.140		218		LOS CERRITOS CHANNEL & 7th ST. N.E. COR
	4.862		429			2.922		438		SEE F.B. 1396-16
1	15.229	5.076		429	82°	9.422	3.141		438	FOR DESCRIPTION
										B.M. 30-11 (F.C. B.M. 120-4A
										LOS CERRITOS CHANNEL, W. SIDE,
										N. OF 7th ST.
										SEE F.B. 1396-16 FOR DESC.
	4.267		127			4.670		120		
	4.140		129			4.550		120		
	4.011		256			4.430		240		⊼ E. LANDA
2	12.418	4.139		.685		13.650	4.550		.678	
	4.254		118			4.821		122		
	4.136		116			4.699		124		
	4.020		234			4.575		246		
3	12.410	4.137		.919		14.095	4.698		.924	
	4.765		195			5.699		197		
	4.570		194			5.502		194		
	4.376		389			5.308		391		
4	13.711	4.570		1.308		16.509	5.503		1.315	
		17.922				17.892				

F.B. 1352 PG. 193

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 - WINDY Inst. No. 50010
Notes by G. E. DREIER Time 11:45 TO 2:45 Rod No. 9 & 10

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From B.M. 30-12 To B.M. 30-9
Date 10-6-53
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
	4.997	17.922	197	1.308		4.757	17.892	198	1.315	
	4.808		196			4.559		197		
	4.604		393			4.362		395		
5	14.40M	4.800		1.701		13.678	4.559		1.710	
		22.722					22.451			B.M. 30-10 (E.C.B.M. 120-4) VAC. ANAHEIM RD. & LOS CERRITOS CHANNEL SEE F.B. 1396-15 FOR DESC.
	6.423		195			5.681		197		
	6.228		196			5.484		194		
	6.032		391			5.290		391		
6	18.683	6.228		2.092		16.455	5.485		2.101	
	6.638		126			0.580		124		
	6.512		125			0.456		123		
	6.387		251			0.333		247		
7	19.537	6.512		2.343		1.369	0.456		2.348	
										E.C.B.M. VAC. ANAHEIM RD., S. SIDE, E. OF VAC. PALO VERDE ST., B.BPK. IN E'LY END OF CONC. RETAINING WALL
		35.462					28.392			

F.B. 1352 PG. 194

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-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 12:45 TO 2:45 Rod No. 9&10

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-12 To B.M. 30-9
Date 10-6-53
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
	4.862	35.462	094	2.343		1.992	28.392	095	2.348	
	4.768		094			1.897		095		
	4.674		788			1.802		190		
8	14.304	4.768		2.531		5.691	1.897		2.538	
	8.962		093			1.360		097		SUMMATION OF RUN
	8.869		096			1.263		094		TOTAL BACKSIGHTS + 80.160
	8.773		189			1.169		191		TOTAL FORESIGHTS - 36.126
9	25.604	8.868		2.720		3.792	1.264		2.729	DIFF. 30-12 TO 30-9 + 44.034
	9.831		119			0.743		116		" 30-12 TO 30-11 +1.935
	9.712		118			0.627		115		" 30-11 TO 30-10 -1.664
	9.594		237			0.512		231		" 30-10 TO F.C. B.S.&R. +6.795
10	29.137	9.712		2.957		1.882	0.627		2.960	" F.C. B.S.&R. TO 30-9 + 36.964
	10.942		139			0.491		125		
	10.803		137			0.366		126		
	10.666		276			0.240		251		
11	32.411	10.804		3.233		1.097	0.366		3.211	F.B. 1352 PG. 195
	10.736		191			3.775		196		B.M. 30-9 (U.S. 3739) (City L.B. 561) (F.C. 73-L.B.561)
	10.545		188			3.579		194		
	10.357		379			3.385		390		VAC. PALO VERDE ST. & V.C.
12	31.638	10.546		3.612		10.739	3.580		3.601	ANAHEIM RD. SEE F.B. 1396-14
		80.160					36.126			

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.
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. 1352 PG. 196

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 2:55 TO 3:40 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-12 To B.M. 30-14
Date 10-6-53
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
	10.778		193		#9	5.394		194		B.M. 30-12 F.C. B.M. 120
	10.585		192			5.200		192		LOS CERRITOS CHANNEL & 7TH ST.
	10.393		385			5.008		386		SEE F.B. 1396-16
1	31.756	10.585		385	92°	15.602	5.201		.386	FOR DESCRIPTION
	5018		194			5.687		193		
	4.824		193			5.494		192		E. LANDA
	4.631		387			5.302		385		
2	14.473	4.824		.772		16.483	5.494		.771	
	4.409		193			5.810		194		NOTE - B.M. 30-13 (F.C. B.M.
	4.216		194			5.616		194		73-1B) DESTROYED BY ADDITIONAL
	4.022		387			5.422		388		BRIDGE CONSTRUCTION
3	12.647	4.216		1.159		16.848	5.616		1.159	
	5393		148			5.202		150		
	5.245		146			5.052		150		
	5.099		294			4.902		300		
4	15.737	5.246		1.453		15.156	5.052		1.459	
	7720		140			6.272		128		
	7.580		137			6.144		126		
	7.443		277			6.018		254		
5	22.743	7.581		1.730		18.434	6.145		1.713	
		32.452					27.508			

F.B. 1352 PG. 197

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 2:55 TO 3:40 Rod No. 9810

L. A. CO. PRECISE LEVEL NET

Name
Job No. 4923
From B.M. 30-12 To B.M. 30-14
Date 10-6-53
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
	6.791	32.452	193	1.730		11.352	27.508	194	1.713	
	6.598		189			11.158		193		
	6.409		382			10.965		387		
6	19.798	6.599		2.112		33.475	11.158		2.100	
	4.723		120			3.283		113		B.M. 30-14 (F.C. B.M. SAN GABRIEL RIVER & 7th ST. N.W. COR
	4.603		119			3.170		111		
	4.484		239			3.059		224		SEE F.B. 1396-17
7	13.810	4.603		2.351	89°	9.512	3.171		2.324	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 30-12 TO B.M. 30-14
										TOTAL BACKSIGHTS + 43.654
										TOTAL FORESIGHTS - 41.837
										DIFF IN ELEVATION + 1.817
		43.654					41.837			

F.B. 1352 PG. 198

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 SUN Inst. No. 50010
Notes by A. D. SMITH Time 9:00 TO 9:40 Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To B.M. 30-12
Date 10-7-53
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
	3.190		.112		#9	4.631		.122		B.M. 30-14 F.C.B.M. 73-19
	3.078		.113			4.509		.120		SAN GABRIEL RIVER & 7th ST.
	2.965		.225			4.389		.242		SEE F.B. 1396-17
1	9.233	3.078		.225	73°	13.529	4.510		.242	FOR DESCRIPTION
	11.320		.193			6.756		.193		
	11.127		.195			6.563		.190		
	10.932		.388			6.373		.383		T. E. LANDA
2	33.379	11.126		.613		19.692	6.564		.625	
	6.255		.127			7.703		.140		
	6.128		.126			7.563		.139		
	6.002		.253			7.424		.279		
3	18.385	6.128		.866		22.690	7.563		.904	
	5.181		.156			5.360		.142		
	5.025		.156			5.218		.138		
	4.869		.312			5.080		.280		
4	15.075	5.025		1.178		15.658	5.219		1.184	
	5.707		.195			4.306		.194		
	5.512		.193			4.112		.190		
	5.319		.388			3.922		.384		
5	16.538	5.513		1.566		12.340	4.113		1.568	
		30.870					27.969			

F.B. 1352 PG. 199

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 SUN Inst. No. 50010
Notes by A. D. SMITH Time 9:00 TO 9:40 Rod No. 98 D

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To B.M. 30-12
Date 10-7-53
Indexed A. C. Johansen

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
	5.513	30.870	.193	1.566		4.842	1.969	.193	1.568	
	5.320		.190			4.651		.191		
	5.130		.383			4.460		.354		
6	15.963	5.32		1.949		13.955	1.652		1.952	
	4.994		.194			10.378		.191		B.M. 30-12 (F.C. B.M. 120-4B)
	4.800		.192			10.187		.190		LOS CERRITOS CHANNEL & 7TH ST.
	4.608		.386			9.997		.381		SEE F.B. 1396-16
7	14.402	4.80		2.335	74°	30.562	10.187		2.333	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 30-14 TO B.M. 30-12
										TOTAL BACKSIGHTS = 40.992
										TOTAL FORESIGHTS = 42.808
										DIFF. IN ELEVATIONS = 1.816
	40.992					42.808				

F.B. 1352 PG. 200

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 THIN OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 9:15 TO 10:30 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL
Job No. 4923
From B.M. 30-33 To B.M. 30-36
Date 10-14-53
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
	7.157		.199		#9	5.599		.198		B.M. 30-33 (LONG BEACH L-6 R.M.)
	6.958		.199			5.401		.198		SAN GABRIEL RIVER E.
	6.759		.398 ✓			5.203		.396 ✓		PACIFIC COAST HWY.
1	20.874	6.958 ✓		.398	70°	16.203	5.401 ✓		.396	SEE F.B. 1396-53
	5.619		.150			5.533		.152		FOR DESCRIPTION
	5.469		.151			5.381		.152		
	5.318		.301 ✓			5.229		.304 ✓		
2	16.406 ✓	5.469 ✓		.699 ✓		16.143	5.381 ✓		.700 ✓	
	5.623		.196			11.103		.200		T. G. DREIER
	5.427		.196			10.903		.200		
	5.231		.392 ✓			10.703 ✓		.400 ✓		
3	16.281 ✓	5.427 ✓		1.091 ✓		32.709	10.903 ✓		1.100 ✓	
	0.758		.194			6.951		.193		
	0.564		.191			6.758		.190		
	0.373		.385 ✓			6.568 ✓		.383 ✓		
4	1.695 ✓	0.565 ✓		1.476 ✓		20.277	6.759 ✓		1.483 ✓	
										B.M. 30-34 F.C.B.M. 72-9A
										SAN GABRIEL RIVER N.E. OF
										PACIFIC COAST HWY.
										SEE F.B. 1396-34 FOR DESC.
F.B. PG.		18419 ✓					28444 ✓			

F.B. 1396-201

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER
Notes by A. D. SMITH
Weather THIN OVERCAST Inst. No. 50010
Time 9:15 TO 14:30 Rod No. 9812

Name L. A. CO. PRECISE LEVEL NO.
Job No. 4923
From B.M. 30-33 To B.M. 30-36
Date 10-14-53
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
	10.524	18.419	.062	1.476		1.523	28.444	.054	1.483	
	10.462		.061			1.469		.055		
	10.401		.123			1.414		.109		
5	31.387	10.462		1.599		4.406	1.469		1.592	
	8.757		.195			5.498		.195		
	8.562		.192			5.303		.193		
	8.370		.387			5.110		.388		
6	25.689	8.563		1.986		15.911	5.304		1.980	
	5.138		.195			4.852		.193		
	4.943		.193			4.659		.192		
	4.750		.388			4.467		.385		
7	14.831	4.944		2.374		13.978	4.659		2.365	
	5.690		.190			9.095		.192		
	5.500		.189			8.903		.190		
	5.311		.379			8.713		.382		
8	16.501	5.500		2.753		26.711	8.904		2.747	
	2.282		.190			11.382		.195		
	2.092		.190			11.187		.195		
	1.902		.380			10.992		.390		
9	6.276	2.092		3.133		33.561	11.187		3.137	
		49.980					59.967			

F.B. 1352-202

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 THIN OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 9:15 TO 10:30 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-33 To B.M. 30-36
Date 10-14-53
Indexed E. C. Johnson

F.B. 1396-208

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
		49.980		3.133			59.967		3.137	B.M. 30-35 (F.C.B.M. 22-31) SAN GABRIEL RIVER E. OF OIL FIELD BRIDGE SEE F.B. 1396-33A FOR DESCRIPTION
	8.719		.226			3.082		.227		
	8.493		.223			2.855		.225		
	8.270		.449			2.630		.452		
10	25.482	8.494		3.582		8.567	2.856		3.589	
	11.673		.221			4.863		.224		
	11.452		.222			4.639		.226		
	11.230		.443			4.913		.450		
11	34.355	11.452		4.025		13.915	4.638		4.039	
	5.344		.221			4.877		.224		
	5.123		.218			4.653		.221		
	4.905		.439			4.432		.445		
12	15.372	5.124		4.464		13.962	4.654		4484	
	5.332		.221			5.018		.229		
	5.111		.221			4.789		.230		
	4.890		.442			4.559		.459		
13	15.333	5.111		4.906		14.366	4.789		4943	
		80.161					76.904			

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

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 THIN OVERCAST Inst. No. 50010
Notes by A.D. SMITH Time 9:15 TO 10:30 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-33 To B.M. 30-36
Date 10-14-53
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.741	80.161	.233	4.906		5.210	76.904	.221	4,943	
	5.508		.230			4.989		.220		
	5.278		.463			4.769		.441		
14	16.527	5.509		5,369		14.968	4.989		5.384	
	5.296		.249			11.961		.226		
	5.047		.248			11.735		.226		
	4.799		.497			11.509		.452		
15	15.142	5.047		5,866		35.205	11.735		5.836	
	1.811		.223			7.153		.226		B.M. 30-36 (F.C.B.M. 22-47)
	1.588		.221			6.927		.228		SAN GABRIEL RIVER AT
	1.367		.444			6.699		.454		B.C. S. OF 7th ST.
16	4.766	1.589		6,310		20.779	6.926		6.290	SEE F.B. 1396-34A FOR DESC
		92.306				100.554				

SUMMATION OF RUN
TOTAL BACKSIGHTS + 92.306
TOTAL FORESIGHTS -100.554

DIFF. 30-33 TO 30-36 - 8.248
" 30-33 TO 30-34 - 10.025
" 30-34 TO 30-35 + 0.038
" 30-35 TO 30-36 + 1.739

F.B. 1352 Pg. 204

F.B. PG. 39

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 A. D. SMITH Time 2:15 TO 3:00 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-33
Date 10-13-53
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
	7.142		.205		#9	5.607		.209		B.M. 30-36
	6.937		.205			5.398		.207		SAN GABRIEL RIVER AT B.C.
	6.732 ✓		.410 ✓		72°	5.191 ✓		.416 ✓		S. OF 7TH ST
1	20.811	6.937 ✓		.410		16.196	5.399 ✓		.416	SEE F.B. 1396-34A FOR DESC.
	5.045		.193			4.622		.197		
	4.852		.192			4.425		.194		
	4.660 ✓		.385 ✓			4.231 ✓		.391 ✓		
2	14.557	4.852 ✓		.795 ✓		13.278	4.426 ✓		.807 ✓	
	4.303		.191			5.466		.214		
	4.112		.190			5.252		.212		T. G. DREIER
	3.922 ✓		.381 ✓			5.040 ✓		.426 ✓		
3	12.337	4.112 ✓		1.176 ✓		15.758	5.253 ✓		1.233 ✓	
	6.263		.192			5.088		.175		
	6.071		.192			4.913		.174		
	5.879 ✓		.384 ✓			4.739 ✓		.349 ✓		
4	18.213	6.071 ✓		1.560 ✓		14.740	4.913 ✓		1.582 ✓	
	6.801		.190			4.452		.197		
	6.611		.189			4.255		.197		
	6.422 ✓		.379 ✓			4.058 ✓		.394 ✓		
5	19.834	6.611 ✓		1.939 ✓		12.765	4.255 ✓		1.976 ✓	
		28.583 ✓					24.246 ✓			

F.B. PG.

F.B. 1352 P. 205

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 A. D SMITH Time 2:15 TO 3:00 Rod No. 9&10

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From B.M. 30-36 To B.M. 30-33
Date 10-13-53
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
	3.842	2.853	.202	1.939		6.416	4.246	.194	1.976	
	3.640		.202			6.222		.192		
	3.438		.404			6.030		.386		
6	10.920	8.640		2.343		18.668	6.223		2.362	
	5.648		.196			5.953		.205		
	5.452		.194			5.748		.208		
	5.258		.390			5.540		.413		
7	16.358	5.453		2.733		17.241	5.747		2.775	
	5.623		.201			8.789		.178		
	5.422		.200			8.611		.174		
	5.222		.401			8.437		.352		
8	16.267	5.422		3.134	70°	25.837	8.612		3.127	
		43.098					44.828			B.M. 30-35 (F.C.B.M. 72-31) SAN GABRIEL RIVER E. OF OIL FIELD BRIDGE SEE F.B. 1396-33A FOR DESCRIPTION
	11.982		.195			2.882		.190		
	11.787		.196			2.692		.189		
	11.591		.391			2.503		.379		
9	35.360	11.787		3.525	70°	8.077	2.692		3.506	
		54.885					47.520			

F.B. 1396-206
F.B. 1352
F.B. PG.

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 8:30 TO Rod No. 9810

Name L. A. CO PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-33
Date 10-14-53
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
	9.122	54.885	.191	3.525		5.717	49.520	.190	3.506	
	8.931		.192			5.527		.189		
	8.739		.383			5.338		.379		
10	26.792	8.931		3.908	70°	16.582	5.527		3.885	
	4.959		.192			5.246		.197		
	4.767		.195			5.049		.196		
	4.572		.387			4.853		.393		
11	14.298	4.766		4.295		15.148	5.049		4.278	
	5.496		.193			8.757		.196		
	5.303		.193			8.561		.193		
	5.110		.386			8.368		.389		
12	15.909	5.303		4.681		25.686	8.562		4.667	
	1.343		.055			10.344		.061		
	1.288		.056			10.283		.061		
	1.232		.111			10.222		.122		
13	3.863	1.288		4.792		30.849	10.283		4.789	
		75.173					76.941			

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

B.M. 30-34 (F.C.B.M. 72-9A)
SAN GABRIEL RIVER N.E. OF PACIFIC COAST HWY.
SEE F.B. 1396-34 FOR DESC.

F.B. 1352-22

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 SUN Inst. No. 50010
Notes by A. D. SMITH Time 8:30 TO 9:15 Rod No. 9210

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-33
Date 10-14-53
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
	6.796	75.173	.192	4.792		0.604	76.941	.192	4.789	
	6.604		.191			0.412		.194		SUMMATION OF RUN
	6.413		.383			0.218		.386		TOTAL BACKSIGHTS = 103.533
14	19.813	6.604		5.175		1.234	6.411		5.175	TOTAL FORESIGHTS = 95.274
	11.040		.200			5.562		.196		DIFF IN ELEVATIONS + 8.259
	10.840		.200			5.366		.195		B.M. 30-36 TO B.M. 30-33 + 8.259
	10.640		.400			5.171		.391		" 30-36 TO " 30-35 + 1.730
15	32.520	10.840		5.575		16.099	5.366		5.566	" 30-35 TO " 30-34 - 0.058
	5.535		.154			5.620		.151		" 30-34 TO 30-33 + 0.027
	5.381		.151			5.469		.151		
	5.230		.305			5.318		.302		
16	16.146	5.382		5.880		16.407	5.469		5.868	
	5.731		.197			7.289		.203		B.M. 30-33 (L.B. 4-6 Rm. #1)
	5.534		.196			7.086		.201		SAN GABRIEL RIVER &
	5.338		.393			6.885		.404		PACIFIC COAST HWY.
17	16.603	5.534		6.273	70°	21.260	7.087		6.272	SEE F.B. 1396 -
										FOR DESCRIPTION

F.B. 1352 - 208

F.B. ____ PG. ____

103.533 95.274

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 A. D. SMITH Time 10:00 TO 11:27 Rod No. 9210

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-14
Date 10-13-53
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.742		.195		#9	3.398		.201		B.M. 30-36 (F.C.B.M. 72-47)
	6.547		.194			3.197		.199		SAN GABRIEL RIVER AT B.C. S.
	6.353		.389			2.998		.400		OF 7th ST.
1	19.642	6.547		.389	73°	9.593	3.198		.400	SEE F.B. 1396-34 A
	3.020		.197			6.300		.194		FOR DESCRIPTION
	2.823		.194			6.106		.194		
	2.629		.391			5.912		.388		
2	8.472	2.824		.780		18.318	6.106		.788	
	5.439		.191			5.157		.196		T. G. DREIER
	5.248		.191			4.961		.194		
	5.057		.382			4.767		.390		
3	15.744	5.248		1.162		14.885	4.962		1.178	
	5.410		.197			5.790		.191		
	5.213		.194			5.599		.190		
	5.019		.391			5.409		.381		
PG. 4	15.642	5.214		1.553		16.798	5.599		1.559	
	5.198		.199			4.409		.197		
	4.999		.199			4.212		.194		
	4.800		.398			4.018		.391		
F.B. 5	14.997	4.999 (2 2 3)		1.951		12.639	4.213 (2 2 2)		1.950	
		24.832					24.078			

F.B. 1352-209

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 A.D. SMITH Time 10:00 TO 11:27 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-14
Date 10-13-53
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
	5.148	24.832	.197	1.951		4.620	24.078	.194	1.950	
	4.951		.193			4.426		.195		
	4.758		.390			4.231		.389		
6	14.857	4.952		2.341		13.277	4.426		2.339	
	5.245		.196			5.263		.195		
	5.049		.197			5.068		.195		
	4.852		.393			4.873		.390		
7	15.146	5.049		2.734		15.204	5.068		2.729	
	5.432		.191			5.101		.193		
	5.241		.190			4.908		.196		
	5.051		.381			4.712		.389		
8	15.724	5.241		3.115		14.721	4.907		3.118	
	4.645		.194			5.293		.193		
	4.451		.193			5.100		.193		
	4.258		.387			4.907		.386		
9	13.354	4.451		3.502		15.300	5.100		3.504	
	5.565		.193			4.902		.192		
	5.372		.192			4.710		.196		
	5.180		.385			4.514		.388		
10	16.117	5.372		3.887		14.126	4.709		3.892	
		49.897					48.288			

F.B. 1852 PG. 210

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 OVERCAST Inst. No. 50010
Notes by A. B. SMITH Time 10:00 TO 11:27 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-14
Date 10-13-53
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.184	49.897	.187	3.887		4.108	48.288	.197	3.892	
	5.997		.187			3.911		.194		
	5.810		.374			3.717		.391		
11	17.991	5.997		4.261		11.736	3.912		4.283	
	6.075		.212			4.680		.215		
	5.863		.212			4.465		.215		
	5.651		.424			4.250		.430		
12	17.589	5.863		4.685		13.395	4.465		4.713	
	5.261		.210			4.177		.206		
	5.051		.210			3.971		.203		
	4.841		.420			3.768		.409		
13	15.153	5.051		5.105		11.916	3.972		5.122	
	4.767		.169			5.463		.211		
	4.598		.168			5.252		.211		
	4.430		.337			5.041		.422		
14	13.795	4.598		5.442		15.756	5.252		5.544	
	2.297		.203			4.737		.170		
	2.094		.202			4.567		.169		
	1.892		.405			4.398		.339		
15	6.283	2.094		5.847		13.702	4.567		5.883	
		73.500					70.456			

F.B. _____ PG. _____

B.M. 30-14 EL. 352.821

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 A. D. SMITH Time 10:00 To 11:27 Rod No. 9210

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-14
Date 10-13-53
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
	4.916	73.500	.127	5.847		5.273	70.456	.125	5.883	SUMMATION OF RUN
	4.789		.126			5.148		.125		B.M. 30-36 TO B.M. 30-14
	4.663		.253			5.023		.250		TOTAL BACKSIGHTS + 95.206
16	14.368	4.789		6.100		15.444	5.148		6.133	TOTAL FORESIGHTS - 91.068
	5.373		.144			4.711		.123		DIFF. IN ELEVATIONS + 4.138
	5.229		.143			4.588		.114		" 30-36 TO 30-37 + 3.326
	5.086		.287			4.464		.237		30-37 TO 30-14 + 0.812
17	15.688	5.229		6.387		13.763	4.588		6.370	
		83.518					80.192			B.M. 30-37
										SAN GABRIEL RIVER & 7th ST.
										SEE F.B. 1396-34A
										FOR DESCRIPTION
	10.516		.229			6.951		.216		
	10.287		.229			6.735		.216		
	10.058		.458			6.519		.432		
18	30.861	10.287		6.845		20.205	6.735		6.802	
	1.552		.151			4.373		.233		B.M. 30-14 (F.C.B.M. 73-19)
	1.401		.151			4.140		.230		SAN GABRIEL RIVER & 7th ST.
	1.250		.302			3.910		.463		SEE F.B. 1396-17
19	4.203	1.401		7.147	73°	12.423	4.141		7.265	FOR DESCRIPTION
		95.206					91.068			

F.B. 1352 Pg. 212

F.B. ____ PG. ____

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ALTERATIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED 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 A. D. SMITH Time 11:30 TO 2:10 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To B.M. 30-36
Date 10-13-53
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
	4.403		.232		#9	1.584		.153		B.M. 30-14 (F.C.B.M. 73-19)
	4.171		.232			1.431		.152		SAN GABRIEL RIVER & 7th ST.
	3.939		.464			1.279		.305		SEE F.B. 1396-17
1	12.513	4.171		.464	73°	4.294	1.431		.305	FOR DESCRIPTION
	8.072		.201			11.651		.229		
	7.871		.197			11.422		.229		T. G. DREIER
	7.674		.398			11.193		.458		
2	23.617	7.872		.862		34.266	11.422		.763	
		12.043					12.053			
										B.M. 30-37
										SAN GABRIEL RIVER & 7th ST.
										SEE F.B. 1396-34A
										FOR DESCRIPTION
	9.783		.115			5.462		.154		
	4.668		.115			5.308		.152		
	4.553		.230			5.156		.306		
PG. 3	14.004	4.668		1.092		15.926	5.309		1.069	
	5.284		.121			4.938		.132		
	5.163		.120			4.806		.131		
	5.043		.241			4.675		.263		
F.B. 4	15.490	5.163		1.333		14.419	4.806		1.332	
		21.874					22.968			

F.B. 1352 P. 213

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 A. D. SMITH Time 11:30 TO 2:10 Rod No. 9&10

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From B.M. 30-14 To B.M. 30-36
Date 10-13-53
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	21.874	.184	1.333		2.233	22.968	.185	1.332	
	4.521		.184			2.048		.186		
	4.337		.368			1.862		.371		
5	13.563	4.52		1.701		6.143	2.048		1.703	
	5.397		.196			4.733		.185		
	5.201		.196			4.548		.185		
	5.005		.392			4.363		.370		
6	15.603	5.201		2.093		13.644	4.548		2.073	
	4.280		.201			5.568		.215		
	4.079		.200			5.353		.213		
	3.879		.401			5.140		.428		
7	12.238	4.079		2.494		16.061	5.354		2.501	
	4.891		.231			6.062		.199		
	4.660		.229			5.863		.196		
	4.431		.460			5.667		.395		
8	13.982	4.66		2.954		17.592	5.364		2.896	
	4.670		.187			6.772		.198		
	4.483		.184			6.574		.197		
	4.299		.371			6.377		.395		
9	13.452	4.484		3.325		19.723	6.574		3.291	
		44.820					47.356			

F.B. 48, 214
F.B. 48, 135
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 OVERCAST Inst. No. 50010
Notes by A.D. SMITH Time 11:30 TO 2:10 Rod No. 9210

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-14 To B.M. 30-36
Date 10-13-53
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.749	44.820	.196	3.325		5.410	47.356	.193	3.291	
	4.553		.193			5.217		.194		
	4.360		.389			5.023		.387		
10	13.662	4.554		3.714		15.650	5.217		3.678	
	5.298		.194			4.651		.193		
	5.104		.193			4.458		.191		
	4.911		.387			4.267		.384		
11	15.313	5.104		4.101		13.376	4.459		4.062	
	4.931		.196			5.270		.190		
	4.735		.194			5.080		.188		
	4.541		.390			4.892		.378		
12	14.207	4.736		4.491		15.242	5.081		4.440	
	5.153		.185			5.155		.207		
	4.968		.187			4.948		.206		
	4.781		.372			4.742		.413		
13	14.902	4.967		4.863		14.845	4.948		4.853	
	4.671		.194			5.197		.195		
	4.477		.194			5.002		.192		
	4.283		.388			4.810		.387		
14	13.431	4.477		5.251		15.009	5.003		5.240	
		68.658					72.064			

F.B. PG.

F.B. 1352 Pg 215

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 A. D. SMITH Time 11:30 TO 2:10 Rod No. 9810

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From B.M. 30-14 To B.M. 30-36
Date 10-13-53
Indexed M. 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
	4.400	6B.658	.196	5.251		5.188	72.064	.199	5.240	
	4.204		.193			4.989		.199		
	4.011		.389			4.790		.398		SUMMATION OF RUN
15	12.615	4.205		5.640		14.967	4.989		5.638	B.M. 30-14 TO B.M. 30-36
	5.855		.192			5.473		.195		TOTAL BACKSIGHTS +92.591
	5.663		.192			5.278		.194		TOTAL FORESIGHTS -96.749
	5.471		.384			5.084		.389		DIFF. IN ELEVATIONS -4.158
16	169.89	5.663		6024		15.835	5.278		6.027	DIFF. 30-14 TO 30-37 -0.810
	5.076		.195			5.360		.192		" 30-37 TO 30-36 -3.348
	4.881		.192			5.168		.195		
	4.689		.387			4.973		.387		
17	14.646	4.882		6.411		15.501	5.167		6.414	
	6.208		.195			2.928		.196		
	6.013		.192			2.732		.193		
	5.821		.387			2.539		.389		
18	18.042	6.014		6.798		8.199	2.733		6.803	
	3.368		.199			6.713		.195		B.M. 30-36 (F.C.B.M. 72-47)
	3.169		.199			6.518		.195		SAN GABRIEL RIVER AT B.C.S.
	2.970		.398			6.323		.390		OF 7th ST.
19	19.507	3.169		7.196	72°	19.554	6.518		7.193	SEE F.B. 1396-34A FOR DESCRIPTION
		92.591					96.749			

F.B. 1352 Pg 2/6

F.B. PG.

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 10:55 TO 12:15 Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-37
Date 10-14-53
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.796		.223		#9	0.935		.224		B.M. 30-36 (F.C.B.M. 72-47)
	6.573		.221			0.711		.223		SAN GABRIEL RIVER AT B.C.
	6.352		.944			0.488		.447		S. OF 7th ST.
1	19.721	6.574		.444	67°	2.134	0.711		.447	SEE F.B. 1396-34A FOR DESC.
	11.509		.227			4.397		.225		
	11.282		.225			4.172		.224		
	11.057		.452			3.948		.449		J. G. DREIER
2	33.848	11.283		.896		12.517	4.172		.896	
	5.348		.230			5.571		.238		
	5.118		.230			5.333		.240		
	4.888		.460			5.093		.478		
3	15.354	5.118		1.356		15.997	5.332		1.374	
	5.508		.226			5.101		.231		
	5.282		.225			4.870		.232		
	5.057		.451			4.638		.463		
4	15.847	5.282		1.807		14.609	4.870		1.837	
	5.151		.233			4.924		.225		
	4.918		.232			4.699		.227		
	4.686		.465			4.472		.452		
5	14.755	4.918		2.277		14.095	4.698		2.289	
		33.175					19.783			

F.B. 1352 PG. 217

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 THIN OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 10:55 To 12:15 Rod No. 9910

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-37
Date 10-14-53
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
	5.274	33.175	.222	2.27		5.451	19.783	.240	2.289	
	5.052		.222			5.211		.239		
	4.830		.444			4.972		.479		
6	15.156	5.052		2.715		15.634	5.211		2.768	
	5.432		.230			5.155		.227		
	5.202		.230			4.928		.228		
	4.972		.460			4.700		.455		
7	15.606	5.202		3.175		14.783	4.928		3.223	
	4.973		.235			4.735		.238		
	4.738		.234			4.497		.238		
	4.504		.469			4.259		.470		
8	14.215	4.738		3.645		13.491	4.497		3.699	
	5.524		.246			5.145		.230		
	5.278		.246			4.915		.231		
	5.032		.492			4.684		.461		
9	15.834	5.278		4.136		14.744	4.915		4.160	
	5.030		.227			5.211		.252		
	4.803		.224			4.959		.251		
	4.579		.451			4.708		.503		
10	14.412	4.804		4.587		14.878	4.959		4.663	
		58.249					44.293			

F.B. 1352 pg 2/8

FORM 379 E.M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 THIN OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 10:55 To 12:15 Rod No. 9210

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 30-36 To B.M. 30-37
Date 10-14-53
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod end Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.504	58.249	.245	4.587		4.923	44.293	.241	4.663	
	5.259		.243			4.687		.243		
	5.016		.488			4.439		.484		SUMMATION OF RUN
11	15.799	5.260		5.075		14.044	4.681		5.147	B.M. 30-36 TO B.M. 30-37
	5.261		.243			4.829		.216		TOTAL BACKSIGHTS + 77.722
	5.018		.243			4.613		.214		TOTAL FORESIGHTS - 74.360
	4.775		.486			4.399		.430		DIFF. IN ELEVATIONS + 3.362
12	15.054	5.018		5.561		13.841	4.614		5.577	
	5.207		.221			4.928		.195		
	4.981		.222			4.733		.192		
	4.759		.443			4.541		.387		
13	14.947	4.981		6.004		14.202	4.734		5.964	
	3.631		.095			11.442		.085		
	3.536		.096			11.357		.085		
	3.440		.191			11.272		.170		
14	10.607	3.536		6.195		34.071	11.357		6.134	
	0.787		.109			4.808		.127		B.M. 30-37
	0.678		.108			4.681		.127		SAN GABRIEL RIVER 7th ST.
	0.570		.217			4.554		.254		SEE F.B. 1396-34 A
15	2.035	0.678		6.412	70°	14.043	4.681		6.388	FOR DESCRIPTION
		77.722					74.360			

F.B. 1352 PG. 219

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.....
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. 852 PG. 220

B.M. 30-31 Long Beach K-6
is the bench city of L.B. questions

Recon: 30-30 & 30-31 & 30-32

4-12-54 L.E.D.

B.M. 30-31 Now STAMPED "LONG BEACH K-6 RESET 1953 R.E. 63'

	NOW	WAS
B.M. 30-30 TO	-1.709 ✓	- 2.822
B.M. 30-31 TO	+ 8.186	+ 9.298
B.M. 30-32	+6.477 ✓	+6.476 ✓

B.M. 30-30 9194
- 1.709
B.M. 30-31 7485
+ 8.186
B.M. 30-32 15671

We hereby certify that all special assessments, or bonds evidencing special assessments, levied under the jurisdiction of the City of Long Beach, to which the land included in the within subdivision or any part thereof is subject and which may be paid in full, have been paid in full.

Date Mar 10, 1953.

Director of Public Service of the City of Long Beach

Date: Feb. 24, 1953.

Treasurer of the City of Long Beach

I hereby certify that the land included in the within subdivision is subject to a lien for Municipal Taxes for the year 1953-1954 in an amount estimated not to exceed the sum of $500.00 which tax is not yet payable.

Date: 3-10, 1953.

Edw. G. Hoover
City Assessor of the City of Long Beach

702-1

A-~~151~~

W.S. 31

F.B. 1352 PG. 221

Rerun of a portion of Precise Level Line No. 30

Portion between B.M's. 30-30, 30-31, & 30-32.

April 12, 1954

GE Dreier & Party

NOTE: BM 30-31 has been reset by the Geodetic Control Party since the prior runs. C.E.T.

BM 30-31 is Geodetic Control Sta. "Long Beach K-G".

Name
Job No.
From To
Date
Indexed C. Johnson 4-13-54

DESCRIPTION AND REMARKS

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

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

FORM 379 5M 7-40

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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

F.B. 1972 PG. 222

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 SUN Inst. No. 50010
Notes by A. D. SMITH Time 10:45 To 11:45 Rod No. 9 & 10

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From B.M. 30-30 To B.M. 30-31
Date 4-12-54
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
	5.452		.190		#9	5.415		.196		B.M. 30-30 (L.B. K-5, 1940)
	5.262		.190			5.219		.192		PAC. COAST HWY. & CERRITOS
	5.072		380 ✓			5.027		388 ✓		CHANNEL
1	15.786 ✓	5.262 ✓		.380	66°	15.661 ✓	5.220 ✓		.388	SEE F.B. 1596-31 FOR DESC.
	4.807		.195			5.763		.191		
	4.612		.194			5.572		.189		
	4.418		389 ✓			5.383		380 ✓		∧ G. E. DREIER
2	13.837 ✓	4.612 ✓		.769 ✓		16.718 ✓	5.573 ✓		.768 ✓	
	5.010		.189			5.697		.197		
	4.821		.189			5.500		.197		
	4.632		378 ✓			5.303		394 ✓		
3	14.463 ✓	4.821 ✓		1.147 ✓		16.500 ✓	5.500 ✓		1.162 ✓	
	5.465	14.695 ✓	.193			5.081	16.293 ✓	.194		
	5.272		.190			4.887		.194		
	5.082		383 ✓			4.693		388 ✓		
4	15.819 ✓	5.273 ✓		1.530 ✓		14.661 ✓	4.887 ✓		1.550 ✓	
	5.437		.195			5.162		.193		
	5.242		.192			4.969		.194		
	5.050		387 ✓			4.775		387 ✓		
5	15.729 ✓	5.243 ✓		1.917 ✓		14.906 ✓	4.969 ✓		1.937 ✓	
		25.211 ✓					26.149 ✓			

F.B. 1596-31, PG. 223

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 SUN Inst. No. 50010
Notes by A.D. SMITH Time 10:45 To 11:45 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-30 To B.M. 30-31
Date 4-12-54
Indexed M. C. Johnson

F.B. 1352 PG. 224

Number 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
	5.577	25.211	.194	1.917		5.369	26.149	.194	1.937	
	5.383		.193			5.175		.193		
	5.190		.387			4.982		.387		
6	16.150	5.383		2.304		15.526	5.175		2.324	
	5.710		.192			5.029		.192		
	5.518		.190			4.837		.189		
	5.328		.382			4.648		.381		
7	16.556	5.519		2.686		14.514	4.838		2.705	
	4.944		.195			5.061		.191		
	4.749		.193			4.870		.191		
	4.556		.388			4.679		.382		
8	14.249	4.750		3.074		14.610	4.870		3.087	
	4.791		.191			5.480		.195		
	4.600		.190			5.285		.194		
	4.410		.381			5.091		.389		
9	13.801	4.600		3.455		15.856	5.285		3.476	
	4.873		.192			5.447		.196		
	4.681		.191			5.251		.193		
	4.490		.383			5.058		.389		
10	14.044	4.681		3.838		15.756	5.252		3.865	
		50.144					51.569			

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 SUN Inst. No. 50010
Notes by A. D. SMITH Time 10:45 TO 11:45 Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-30 To B.M. 30-31
Date 4-12-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.847	50.144	.195	3.830		4.952	51.569	.195	3.865	
	4.652		.193			4.757		.195		
	4.459		.388			4.562		.390		
11	13.958	4.653		4.226		14.271	4.757		4.255	
	5.097		.210			5.262		.199		B.M. 30-31 (L.B. K-6, RESET 1953)
	4.887		.209			5.063		.200		PAC. COAST HWY. 354.5 FT.
	4.678		.419			4.863		.399		N'LY. OF REF. BLDG.
12	14.662	4.887		4.645		15.188	5.063		4.654	SEE F.B. 1596-32 FOR DESC.
										SUMMATION OF RUN
										B.M. 30-30 TO B.M. 30-31
										TOTAL BACKSIGHTS = 59.684
										TOTAL FORESIGHTS = 61.389
										DIFF. IN ELEVATIONS = -1.705
		59.684					61.389			

F.B. 1596 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 ..... 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. 1357 PG. 124

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 WINDY & SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 1:00 To 3:00 Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-31 To B.M. 30-30
Date 4-12-54
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
	5.170		.202		#9	4.993		.205		B.M. 30-31 (L.B.K-6 RESET 1953
	4.968		.201			4.788		.203		PAC. COAST HWY. 354.5 FT.
	4.767		.403 ✓			4.585		.408 ✓		N'LY. OF REF. BLDG.
1	14.905 ✓	4.968 ✓		.403 ✓	66°	14.366 ✓	4.789 ✓		.408 ✓	SEE F.B. 1596-32 FOR DESC.
	5.025		.195			4.918		.193		
	4.830		.196			4.725		.193		
	4.634		.391 ✓			4.532		.386 ✓		↑ G.E. DREIER
2	14.489 ✓	4.830 ✓		.794 ✓		14.175 ✓	4.725 ✓		.794 ✓	
	5.593		.194			5.022		.192		
	5.399		.192			4.830		.192		
	5.207		.386 ✓			4.638		.384 ✓		
3	16.199 ✓	5.400 ✓		1.180 ✓		14.490 ✓	4.830 ✓		1.178 ✓	
	5.612		.195			4.921		.191		
	5.417		.195			4.730		.191		
	5.222		.390 ✓			4.539		.382 ✓		
4	16.251 ✓	5.417 ✓		1.570 ✓		14.190 ✓	4.730 ✓		1.560 ✓	
	5.139		.191			5.022		.195		
	4.948		.190			4.827		.195		
	4.758		.381 ✓			4.632		.390 ✓		
5	14.845 ✓	4.948 ✓		1.951 ✓		14.481 ✓	4.827 ✓		1.950 ✓	
		25.563 ✓					23.901 ✓			

F.B. 1357 PG. 22-27

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 WINDY & SUNNY Inst. No. 5001.0
Notes by A. D. SMITH Time 1:00 TO 3:00 Rod No. 98.10

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-31 To B.M. 30-30
Date 4-12-54
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
	5.148	25.563	.191	1.951		5.825	23.901	.193	1.950	
	4.957		.191			5.632		.190		
	4.766		.382			5.442		.383		
6	14.871	4.957		2.333		16.899	5.633		2.333	
	5.422		.192			5.635		.195		
	5.230		.192			5.440		.192		
	5.038		.384			5.248		.387		
7	15.690	5.230		2.717		16.323	5.441		2.720	
	5.221		.194			5.494		.194		
	5.027		.194			5.300		.192		
	4.833		.388			5.108		.386		
8	15.081	5.027		3.105		15.902	5.301		3.106	
	4.937		.196			5.319		.191		
	4.741		.194			5.128		.192		
	4.547		.390			4.936		.383		
9	14.225	4.742		3.495		15.383	5.128		3.489	
	5.447		.194			4.769		.194		
	5.253		.191			4.575		.194		
	5.062		.385			4.381		.388		
10	15.762	5.254		3.880		13.725	4.575		3.877	
		50.773					49.979			

F.B. 352 PG. 225

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 WINDY & SUNNY Inst. No. 50010
Notes by A. D. SMITH Time 1:00 TO 3:00 Rod No. 9810

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-31 To B.M. 30-30
Date 4-12-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.682	50.773	.191	3.880		4.724	49.979	.194	3.877	
	5.491		.191			4.530		.195		
	5.300		.382			4.335		.389		
11	16.473	5.491		4.262		13.589	4.530		4.266	
	5.295		.193			5.334		.191		B.M. 30-30 (L.B.K-5 1940)
	5.102		.192			5.143		.190		PAC. COAST HWY. & CERRITOS
	4.910		385			4.953		.381		CHANNEL
12	15.307	5.102		4.647		15.430	5.143		4.647	SEE F.B. 1596-31 FOR DESC.
										SUMMATION OF RUN
										B.M. 30-31 TO B.M. 30-30
										TOTAL BACKSIGHTS + 61.366
										TOTAL FORESIGHTS - 59.652
										DIFF. IN ELEVATIONS + 1.714
		61.366					59.652			

F.B. 1352 PG. 229

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.
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. 352 PG. 230

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 FOGGY Inst. No. 50010
Notes by A. D. SMITH Time 10:00 TO 10:20 Rod No. 9610

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-31 To B.M. 30-32
Date 4-12-54
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
	6.153		.167		#9	5.216		.168		B.M. 30-31 (LONG BEACH K-6 RESET 1953)
	5.986		.167			5.048		.169		PAC. COAST HWY. 354.5 FT.
	5.819		.334 ✓			4.879		.337 ✓		N'LY. OF REF. BLDG.
1	17.958 ✓	5.986 ✓		.334	65°	15.143 ✓	5.048 ✓		.337	
	5.794		.199			5.053		.201		SEE F.B. 1596-32 FOR DESC.
	5.595		.198			4.852		.200		
	5.397		.397 ✓			4.652		.401 ✓		↑ G.E. DREIER
2	16.786 ✓	5.595 ✓		.731 ✓		14.557 ✓	4.852 ✓		.738 ✓	
	5.315		.221			3.426		.203		
	5.094		.221			3.223		.203		SUMMATION OF RUN
	4.873		.442 ✓			3.020		.406 ✓		B.M. 30-31 TO B.M. 30-32
3	15.282 ✓	5.094 ✓		1.173 ✓		9.669 ✓	3.223 ✓		1.144 ✓	TOTAL BACKSIGHTS+ 29.584 ✓
	7.104	16.675 ✓	.169			3.789	13.123 ✓	.170		TOTAL FORESIGHTS- 21.402 ✓
	6.935		.168			3.619		.167		DIFF. IN ELEVATIONS+ 8.182
	6.767		.337 ✓			3.452		.337 ✓		F.B. 1596, PG. 29
4	20.806 ✓	6.935 ✓		1.510 ✓		10.860 ✓	3.620 ✓		1.481 ✓	
	6.137		.164			4.835		.176		B.M. 30-32 (LONG BEACH L-6)
	5.973		.160			4.659		.176		PAC. COAST HWY. & SAN
	5.813		.324 ✓			4.483		.352 ✓		GABRIEL RIVER
5	17.923 ✓	5.974 ✓		1.834 ✓		13.977 ✓	4.659 ✓		1.833 ✓	SEE F.B. 1596-32 FOR DESC.
		29.584 ✓					21.402 ✓			

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 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. 352 PG. 292

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 FOGGY Inst. No. 50010
Notes by A. D. SMITH Time 9:15 TO 9:45 Rod No. 9&10

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-32 To B.M. 30-31
Date 4-12-54
Indexed C. Johnson 4-13-54

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
	4.314		.174		#9	5.617		.164		B.M. 30-32 (LONG BEACH L-6)
	4.140		.173			5.453		.161		PAC. COAST HWY. & SAN
	3.967		.347			5.292		.325		GABRIEL RIVER
1	12.421	4.140		.347	64°	16.362	5.454		.325	SEE F.B. 1596-33 FOR DESC.
	3.329		.167			6.642		.170		
	3.162		.170			6.472		170		
	2.992		.337			6.302		.340		℄ G. E. DREIER
2	9.483	3.161		.684		19.416	6.472		.665	
	3.392		.205			5.289		.220		
	3.187		.204			5.069		.219		SUMMATION OF RUN
	2.983		.409			4.850		439		B.M. 30-32 TO B.M. 30-31
3	9.562	3.187		1.093		15.208	5.069		1.104	TOTAL BACKSIGHTS + 20.385
	5.081	10 ABB	.189			5.849	16.995	.212		TOTAL FORESIGHTS - 28.575
	4.892		.189			5.637		.210		DIFF. IN ELEVATIONS -8.190
	4.703		.378			5.427		.422		
4	14.676	4.892		1.471		16.913	5.638		1.526	
	5.171		.166			6.111		.169		B.M. 30-31 (LONG BEACH K-6
	5.005		.166			5.942		169		RESET 1953)
	4.839		.332			5.773		.338		PAC. COAST HWY. 354.5 FT.
5	15.015	5.005		1.803		17.826	5.942		1.864	N'LY. OF REF. BLDG.
		20.385					28.575			SEE 1596-32 FOR DESC.

F.B. 1352 PG. 283

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 ..... 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. 1352 PG. 234

76F3095 247 2-51

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

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

Do not extend notes this side of this line.

Notes Ck'd by_____
Map No._____
Office Work
Checked_____
Date_____

Survey of_____
W. O._____ Tape No._____ Std_____ °F
Surveyed by_____
Notes_____ Date_____
Indexed_____

F. B._____ Pg._____

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.

1352

F.B. Pg.