Chief of Party ..... We[illegible] C[illegible]AR ..... Inst. N[illegible] 00[illegible] ..... N[illegible] L. A. CO. PRECISE LEVEL NET

Notes by S. SHINODA ..... Time 9:0[illegible] 0:00AM ..... Rod N[illegible] 7 & 8 ..... [illegible] No. 4923

From BM 11-84 To -11-85

[illegible]te 3-24-52

[illegible]xed E. C. Johnson 4-21-52

1378

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	[illegible]um of [illegible]ervals	B[illegible] Rod and T[illegible]	FORESIG[illegible] Thre[illegible] Re[illegible]	Mean	Thread Intervals	[illegible] of [illegible]vals	DESCRIPTION AND REMARKS
	4878		223		#1	6077		223		
	4655		222			5854		223		B.M. 11-84
	4433		445			5631		446		SEE F.B. 1376.75
1	13966	4655		445	60°	17562	5.854		.446	FOR DESCRIPTION
	3938		211			6497		214		
	3727		214			6283		213		T G.E. DREIER
	3513		425			6070		427		
2	11178	3.726		870		18850	6.283		.873	
	4462		211			6032		212		
	4251		211			5820		213		
	4040		422			5607		425		
3	12753	4251		1292		17459	5.820		1.298	
	3903		211			6062		213		
	3692		210			5849		212		
	3482		421			5637		425		
4	11077	3.692		1.713		17548	5.849		1.723	
	4249		223			4809		221		
	4026		223			4588		218		
	3808		446			4370		439		
5	12078	4.026		2.159		13767	4.589		2.162	
		20.350					28.395			

F.B. 1378 PG. 5

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 H. F. NAUMANN
Notes by S. SHINODA
Weather CLEAR
Time 9:05-10:00AM
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-84 To BM 11-85
Date 3-24-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3131	20.350	211	2.159		5691	28.515	214	2.162	
	2920		210			5477		214		
	2710		421			5263		428		
6	8761	2.920		2.580		16431	5.477		2.590	
	4141		209			5458		216		
	3932		211			5242		212		
	3721		420			5030		428		
7	11794	3.931		3.000		15730	5.243		3.018	
	4111		214			5462		210		
	3897		216			5252		210		
	3681		430			5042		420		
8	11689	3.896		3.430		15756	5.252		3.438	
	4158		213			5667		214		
	3945		213			5453		212		
	3732		426			5241		426		
9	11835	3.945		3.856		16361	5.453		3.864	
	3780		211			6038		216		
	3569		210			5822		212		
	3359		421			5610		428		
10	10708	3.569		4.277		17470	5.823		4.292	
		38.611					55.643			

F.B. 1378 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 H. F. NAUMANN
Notes by J. SHINODA
Weather CLEAR
Time 9:05-10:00AM
Inst. No. 50010
Rod No. 7F8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-84 To B.M. 11-85
Date 3-24-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3784	38.611	212	4277		5947	55.643	214	4292	
	3572		212			5733		212		
	3360		424			5521		426		
11	10716	3.572		4701		17201	5.734		4718	
	3846		184			5790		180		SUMMATION OF RUN
	3662		182			5610		180		B.M. 11-84 to B.M. 11-85
	3480		366			5430		360		
12	10988	3.663		5067		16830	5.610		5078	
	3724		180			6440		180		TOTAL BACKSIGHTS 453.443
	3544		180			6260		180		" FORESIGHTS - 78.87⅔
	3364		360			6080		360		DIFF. IN ELEVATION - ~~25.429~~
13	10632	3.544		5427		18780	6.260		6438	25.430
	4237		184			5802		177		
	4053		183			5625		176		B.M. 11-85
	3870		367			5449		353		SEE F.B. 376-76
14	12160	4.053		5794	64°	16876	5.625		5791	FOR DESCRIPTION
		53.443					78.87⅔			

F.B. 1378 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 H. F. NAUMANN 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. 138 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 H. F. NAUMANN
Notes by S. SHINODA
Weather CLEAR
Time 10:06 - 10:55 AM
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 11-85 To BM 11-84
Date 3-24-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5838		180		#7	4268		181		
	5658		179			4087		183		BM 11-85
	5479		359			3904		364		SEE F.B. 1576-76
1	16975	5.658		.359	64°	12259	4.086		.364	FOR DESCRIPTION
	6422		180			3708		180		
	6242		180			3528		180		TGE DREIER
	6062		360			3348		360		
2	18726	6.242		.719		10584	3.528		.724	
	5823		182			3878		182		
	5641		181			3696		182		
	5460		363			3514		364		
3	16924	5.641		1.082		11088	3.696		1.088	
	5952		212			3790		211		
	5740		210			3579		211		
	5530		422			3368		422		
4	17222	5.741		1.504		10737	3.579		1.510	
	6008		215			3750		212		
	5793		213			3538		211		
	5580		428			3327		423		
5	17381	5.794		1.932		10615	3.538		1.935	
		29.076					18.427			

F.B. 1378 PG. 9

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:00 - 10:55 AM Rod No. 7 & 8

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM 11-85 To BM 11-84
Date 3-24-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5703	19.076	213	1.932		4195	18.427	211	1.933	
	5490		212			3982		212		
	5278		425			3770		423		
6.	16471	5.490		2.357		11945	3.982		2.356	
	5470		213			4110		211		
	5257		215			3899		211		
	5042		428			3688		422		
7	15769	5.256		2.785		11697	3.899		2.778	
	5466		214			4159		212		
	5252		212			3947		213		
	5040		426			3734		425		
8.	15758	5.253		3.211		11840	3.947		3.203	
	6050		213			3484		212		
	5837		215			3272		210		
	5622		428			3062		422		
9	17509	5.836		3.639		9818	3.273		3.625	
	4523		220			3962		220		
	4303		220			3742		221		
	4083		440			3521		441		
10.	12909	4.303		4.079		11225	3.742		4.066	
		55.214					37.270			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:00-10.55 AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 11-85 To BM 11-84
Date 3-24-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6089	55.214	215	4.079		3928	37.270	212	4.066	
	5874		214			3716		212		
	5660		429			3504		424		
11	17623	5.874		4508		11148	3.716		4490	
	6049		210			4486		215		
	5839		210			4271		213		SUMMATION OF RUN
	5629		420			4058		428		BM 11-85 TO BM 11-84
12	17517	5.839		4928		12815	4.272		4918	
	6540		214			3980		212		
	6326		214			3768		211		TOTAL BACKSIGHTS 79.098
	6112		428			3557		423		FORESIGHTS 53.670
13	18978	6.326		5356		11305	3.768		5341	DIFF. IN ELEVATION +25.428
	6063		219			4870		226		
	5844		217			4644		225		BM 11-84
	5627		436			4419		451		SEE F.B. 1376-75
14	17534	5.845		5792	67°	13933	4.644		5792	FOR DESCRIPTION
		79.098					53.670			

F.B. 1378 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 H. F. NAUMANN 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. 137.8 PG. 12										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by C.E. DREIER Time 11:00 TO 12:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-85 To B.M. 11-87
Date 3-24-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6969		211		#7	4108		213		
	6758		210			3895		213		B.M. 11-85
	6548		421			3682		426		SEE F.B. 1376-76
1	20275	6758		421	67°	11685	3895		426	FOR DESCRIPTION
	3851		201			6221		198		
	3650		198			6023		195		TE LANDA
	3452		399			5828		393		
2	10953	3651		820		18072	6024		819	
	4855		212			5741		211		
	4643		213			5530		211		
	4430		425			5319		422		
3	13928	4643		1245		16590	5530		1244	
	3482		212			6728		210		
	3270		212			6518		210		
	3058		424			6308		420		
4	9810	3270		1669		19554	6518		1661	
	4392		211			6238		216		
	4181		209			6022		215		
	3972		420			5807		431		
5	12545	4182		2089		18067	6022		2092	
		22504					27989			

F.B. 1378 PG. 13

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by C. E. DREIER Time 11:00 TO 12:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-85 To B.M. 11-87
Date 3-24-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.112	22.504	212	2.089		5.675	27.989	203	2.092	
	2.900		215			5.472		200		
	2.685		427			5.272		403		
6	8.697	2.899		2.516		16.419	5.473		2.495	
	2.300		263			6.990		262		
	2.037		262			6.728		263		
	1.775		525			6.465		525		
7	6.112	2.037		3.041		20.183	6.728		3.020	
		27.440					40.190			B.M. 11-86 (METROPOLITAN 620) SEE F.B. 1376-77 FOR DESCRIPTION
	3.367		205			6.153		213		
	3.162		201			5.940		211		
	2.961		406			5.729		424		
8	9.490	3.163		3.447		17.822	5.941		3.444	
	5.000		213			6.216		215		
	4.787		214			6.001		212		
	4.573		427			5.789		427		
9	14.360	4.787		3.874		18.006	6.002		3.871	
		35.390					52.133			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by C. E. DREIER Time 11:00 TO 12:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-85 To B.M. 11-87
Date 3-24-52
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.145	35.390	212	38.74		7.027	52.133	212	3.87	
	3.933		213			6.815		213		
	3.720		425			6.602		425		
10	11.798	3.933		4.299		20.444	6.815		4.296	SUMMATION OF RUN
	4.138		215			6.970		212		B.M. 11-85 TO B.M. 11-87
	3.923		212			6.758		213		
	3.711		427			6.545		425		TOTAL BACKSIGHTS +52.243
11	11.772	3.924		4.726		20.273	6.758		4.72	TOTAL FORESIGHTS -79.351
	4.329		176			6.798		177		DIFF. IN ELEVATION -27.108
	4.153		173			6.621		173		
	3.980		349			6.448		359		
12	12.462	4.154		5.075		19.867	6.622		5.071	
	5.009		167			7.188		166		
	4.842		167			7.022		162		B.M. 11-87
	4.675		334			6.860		328		SEE F.B. 1376-78
13	14.526	4.842		5.409	70°	21.070	7.023		5.399	FOR DESCRIPTION
		52.243					79.351			

F.B. 1378 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 H. F. NAUMANN Weather ..... Inst. No. 50010
Notes by G. F. DREIER Time ..... Rod No. 788

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. 1378 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 H. F. NAUMANN Weather CLEAR - BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-87 To B.M. 11-85
Date 3-24-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6322		162		#7	4140		162		B.M. 11-87 (L.A.C. RD. DEPT.)
	6160		162			3978		160		SEE F.B. 1376-78
	5998		324			3818		322		FOR DESCRIPTION
1	18480	6160		324	69°	11936	3979		322	
	6801		173			4338		176		T. E. LANDA
	6628		172			4162		173		
	6456		345			3989		349		
2	19885	6628		669		12489	4163		671	
	6962		212			4126		214		
	6750		210			3912		212		
	6540		422			3700		426		
3	20252	6751		1091		11738	3913		1097	
	7025		213			4149		212		
	6812		211			3937		214		
	6601		424			3723		426		
4	20438	6813		1515		11809	3936		1523	
	6260		213			5642		213		
	6047		214			4829		211		
	5833		427			4618		424		
5	18140	6047		1942		14489	4830		1947	
		32399					20821			

F.B. 1378 PG. 17

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:00 Rod No. 788

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M 11-87 To B.M 11-85
Date 3-24-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.160	32.399	212	1.942		3.373	20.521	202	1.947	
	5.948		213			3.171		201		
	5.735		425			2.970		403		
6	17.843	5.948		2.367		9.514	3.171		2.350	
		38.347					23.692			BM. 11-86 (METROPOLITAN 62D.) SEE F.B. 1376-77 FOR DESCRIPTION
	6.989		259			2.302		265		
	6.730		262			2.037		267		
	6.468		521			1.770		532		
7	20.187	6.729		2.888		6.109	2.036		2.882	
	5.705		200			3.148		215		
	5.505		202			2.933		211		
	5.303		402			2.722		426		
8	16.513	5.504		3.290		8.803	2.934		3.308	
	5.928		220			4.075		207		
	5.708		217			3.868		206		
	5.491		437			3.662		413		
9	17.127	5.709		3.727		11.605	3.868		3.721	
		56.289					32.830			

F.B. 1378 PG. 18

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by C. E. DREIER Time 1:00 TO 2:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-87 To B.M. 11-85
Date 3-24-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.700	5.6289	211	3.727		3452	3.2830	212	3.721	
	6.489		210			3240		212		
	6.279		421			3028		424		
10	19.468	6.489		4.148		9.720	3.240		4.145	SUMMATION OF RUN
	5.782		212			4892		210		B.M. 11-87 TO B.M. 11-85
	5.570		212			4.682		210		
	5.358		424			4472		420		TOTAL BACKSIGHTS + 78.283
11	16.710	5.570		4.572		14.046	4.682		4.565	TOTAL FORESIGHTS − 51.179
	6246		198			3875		197		DIFF IN ELEVATION + 27.104
	6.048		198			3.678		199		
	5850		396			3479		396		
12	18.144	6.048		4.968		11.032	3.677		4.961	
	4095		211			6961		211		
	3888		214			6750		210		B.M. 11-85
	3674		425			6540		428		SEE F.B. 1376-76
13	11661	3.887		5393	70°	20251	6750		5384	FOR DESCRIPTION
		78.283					51.179			

F.B. 1378 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 H. F. NAUMANN 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. 137.8 PG. 20										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 7:00-9:50AM Rod No. 228

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-87 To BM 11-87
Date 3-25-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4094		274		#7	8885		268		
	3820		273			8617		269		BM 11-87
	3547		547			8348		537		SEE F.B. 1376-78
1	11461	3.820		547	68°	25850	8.617		537	FOR DESCRIPTION
	3439		210			7045		213		
	3229		211			6832		213		T. G. E. DREIER
	3018		421			6619		426		
2	9686	3.229		968		20496	6.832		963	
	2979		198			7588		198		
	2781		198			7390		198		
	2583		396			7192		396		
3	8343	2.781		1364		22170	7.390		1359	
		9.830					22.839			
										BM 11-88 (CLAREMONT A-6B)
										SEE F.B. 1376-79
										FOR DESCRIPTION
	4670		212			7155		214		
	4458		211			6941		212		
	4247		423			6729		426		
4	13375	4.458		1787		20825	6.942		1785	
		14.288					29.781			

F.B. 1378 PG. 21

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:00-9:50 A.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-87 To BM 11-89
Date 5-25-52
Indexed A. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3249	14.288	211	1.787		7263	27.781	213	1.795	
	3038		211			7050		211		
	2827		422			6839		424		
5	9114	3.038		2.209		21152	7.051		2.209	
	3476		213			7587		213		
	3263		213			7374		212		
	3050		426			7162		425		
6	9789	3.263		2.635		22123	7.374		2.634	
	3130		213			7225		214		
	2917		212			7011		211		
	2705		425			6800		425		
7	8752	2.917		3.060		21036	7.012		3.059	
	3959		211			8032		213		
	3748		210			7819		211		
	3538		421			7608		424		
8	11245	3.748		3.481		23459	7.820		3.483	
	3419		220			7575		220		
	3199		222			7355		220		
	2977		442			7135		440		
9	9595	3.198		3.923		22065	7.355		3.923	
		30.452					66.393			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:00-9:50AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-87 To BM 11-89
Date 3-25-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3370	30.452	212	3.923		7573	6.393	211	3.923	
	3158		214			7362		211		SUMMATION OF RUN
	2944		426			7151		422		BM 11-87 TO BM 11-89
10.	9472	3.157		4.349		22086	7.362		4.345	
	4009		167			6726		167		TOTAL BACKSIGHTS + 41.756
	3842		164			6559		166		" FORESIGHTS − 87.719
	3678		331			6393		333		DIFF. IN ELEVATION −45.963
11.	11529	3.843		4.680		19678	6.559		4.678	
	4470		167			7572		168		
	4303		164			7404		165		B.M. 11-89 (COVINA L-6)
	4139		331			7239		333		SEE F.B. 1376-80
12	12912	4.304		5.011	69°	22215	7.405		5.011	FOR DESCRIPTION
		41.756					87.719			

F.B. 1378 PG. 23

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINADA Time 9:00- Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 11-87 To BM 11-89
Date 5-25-52
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. 1378 PG. 21

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by S. SHINODA
Weather CLEAR
Time 9:50-10:40AM
Inst. No. 50010
Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-89 To BM 11-87
Date 3-25-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7556		167		#7	4454		166		
	7389		167			4288		166		B.M. 11-89 (CONTINAL-C)
	7222		334			4122		332		SEE F.B. 1276-80
1	22167	7389		334	69°	12864	4288		332	FOR DESCRIPTION
	6490		166			3770		167		
	6324		165			3603		166		T.G.E. DREIER
	6159		331			3437		333		
2	18973	6.324		665		10810	3.603		665	
	7651		213			3448		215		
	7438		212			3233		212		
	7226		425			3021		427		
3	22315	7.438		1.090		9702	3.234		1.092	
	7654		219			3499		220		
	7435		218			3279		220		
	7217		437			3059		440		
4	22306	7.435		1.527		9837	3.279		1.532	
	8023		213			3949		211		
	7810		213			3738		211		
	7597		426			3527		422		
5	23430	7.810		1.953		11214	3.738		1.954	
		36.396					18.142			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:50-10:40 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-89 To BM 11-87
Date 5-25-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7603	36.396	215	1.953		3502	18.142	211	1.954	
	7388		215			3291		211		
	7173		430			3080		422		
6	22164	7.388		2.383		9873	3.291		2.376	
	7521		212			3410		212		
	7309		212			3198		215		
	7097		424			2983		427		
7	21927	7.309		2.807		9591	3.197		2.803	
	7318		212			3306		213		
	7106		213			3093		213		
	6893		425			2880		426		
8	21317	7.106		3.232		9279	3.093		3.229	
	7326		214			4840		212		
	7112		212			4628		211		
	6900		426			4417		423		
9	21338	7.113		3.658		13885	4.628		3.652	
		65.312					32.351			

F.B. 1378 PG. 26

BM 11-88 (CLAREMONT AGB)
SEE F.B. 1376-79
FOR DESCRIPTION

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:50-10:40AM Rod No. 78B

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-89 To BM 11-87
Date 3-25-52
Indexed L. 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
	7859	65.312	199	3.658		3252	32.355	200	3.652	
	7660		198			3052		198		SUMMATION OF RUN
	7462		397			2854		398		B.M. 11-89 to B.M. 11-87
10.	22981	7.660		4055		9158	3.053		4050	
	6997		214			3393		213		TOTAL BACKSIGHTS = 88.378
	6783		212			3180		210		" FORESIGHTS = 42.412
	6571		426			2970		423		DIFF. IN ELEVATION = 45.966
11	20351	6.784		4481		9543	3.181		4473	
	8890		268			4102		275		
	8622		268			3827		274		B.M. 11-87
	8354		536			3553		549		SEE F.B. 1376-78
12	25866	8.622		5017	74°	11482	3.827		5022	FOR DESCRIPTION
		88.378					42.412			

F.B. 1378 PG. 27

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by J. SHINODA Time Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM. 11-87 To BM. 11-89
Date 3-25-52
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. 137d 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 H. F. NAUMANN
Notes by G.E. DREIER
Weather CLEAR-BREEZY Inst. No. 50010
Time 11:15 TO 1:40 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-89 To B.M. 11-91
Date 3-25-32
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
	5.300		211		#7	6.902		212		
	5.089		214			6.690		213		B.M. 11-89 (COVINA L-6)
	4.875		425			6.477		425		SEE F.B. 1376-20
1	15.264	5.088		425		20.069	6.690		425	FOR DESCRIPTION
	4.375		214			6.930		213		
	4.161		212			6.717		214		T. E. LANDA
	3.949		426			6.503		427		
2	12.485	4.162		851		20.150	6.717		852	
	4.356		214			6.937		215		
	4.142		212			6.722		212		
	3.930		426			6.510		427		
3	12.428	4.143		1,277		20.169	6.723		1,279	
	4.450		212			6.864		213		
	4.238		211			6.651		211		
	4.027		423			6.440		424		
4	12.715	4.238		1,700		19.955	6.652		1,703	
	4.393		213			6.958		213		
	4.180		211			6.745		213		
	3.969		424			6.532		426		
5	12.542	4.181		2,124		20.235	6.745		2,129	
		21.812					33.527			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. F. DREIER Time 11:15 TO 1:40 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-89 To B.M. 11-91
Date 3-25-52
Indexed A. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.390	21.812	212	2.124		6.960	33.527	213	2.129	
	4.178		212			6.747		214		
	3.966		424			6.533		427		
6	12.534	4.178		2.548		20.240	6.747		2.556	
	4.387		215			6.708		216		
	4.172		212			6.492		212		
	3.960		427			6.280		428		
7	12.519	4.173		2.975		19.480	6.493		2.984	
	5.070		131			6.103		140		
	4.939		131			5.965		136		
	4.808		262			5.827		276		
8	14.817	4.939		3.237		17.893	5.964		3.260	
	5.015		136			6.999		137		
	4.879		137			6.862		134		
	4.742		273			6.728		271		
9	14.636	4.879		3.510		20.589	6.863		3.531	
										B.M. 11-90 SEE F.B. 1376-81 FOR DESCRIPTION
		39.981					59.574			

F.B. 1378 PG. 30

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by C.E. DREIER Time 11:15 TO 1:40 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-79 To B.M. 11-91
Date 3-25-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.850	39.981	217	3.510		6.843	59.594	206	3.531	
	5.633		219			6.637		210		
	5.414		436			6.427		416		
10	16.897	5.632		3.946		19.907	6.636		3.947	
	4.460		211			6.830		211		
	4.249		212			6.619		211		
	4.037		423			6.408		422		
11	12.746	4.249		4.369	78°	19.857	6.619		4.369	STOPPED 12:00 TO 1:00
	4.366		211			6.940		214		
	4.155		210			6.726		213		
	3.945		421			6.513		427		
12	12.466	4.155		4.790	80°	20.179	6.726		4.796	
	4.372		211			6.982		213		
	4.161		212			6.769		211		
	3.949		423			6.558		424		
13	12.482	4.161		5.213		20.309	6.770		5.220	
	4.447		214			6.889		212		
	4.233		212			6.677		214		
	4.021		426			6.463		426		
14	12.701	4.234		5.639		20.029	6.676		5.646	
		62.412					93.021			

F.B. 1378 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: H. F. NAUMANN
Notes by: G. E. DREIER
Weather: CLEAR
Time: 11:15 TO 1:40
Inst. No.: 50010
Rod No.: 7 & 8

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 4923
From: B.M. 11-89 To: B.M. 11-91
Date: 3-25-52
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.258	62.412	215	5639		7.010	9.202	212	5.646	
	4.043		213			6.798		215		SUMMATION OF RUN
	3.830		428			6.583		427		B.M. 11-89 TO B.M. 11-91
15	12.131	4.044		6.067		20.391	6.797		6.073	
	4.270		212			7.088		213		TOTAL BACKSIGHTS + 83.717
	4.058		213			6.875		212		TOTAL FORESIGHTS - 124.846
	3.845		425			6.663		425		DIFF IN ELEVATION - 41.129
16	12.173	4.058		6.492		20.626	6.875		6.498	
	4.178		228			6.107		199		
	3.950		225			5.908		197		
	3.725		453			5.711		396		
17	11.853	3.951		6.945		17.726	5.909		6.894	
	5.410		120			5.023		144		
	5.290		120			4.879		146		
	5.170		240			4.733		290		
18	15.870	5.290		7.185		14.635	4.878		7.184	
	4.092		136			7.500		134		
	3.961		133			7.366		134		B.M. 11-91
	3.828		269			7.232		268		SEE F.B. 1376-82
19	11.886	3.962		7.454	80	22.098	7.366		7.452	FOR DESCRIPTION
		83.717					124.846			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:40 TO 3:00 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-91 To B.M. 11-89
Date 3-25-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7499		136		#7	4096		134		
	7363		133			3956		134		B.M. 11-91
	7230		269			3822		268		SEE F.B. 1376-8
1	22092	7364		269	80°	11868	3956		268	FOR DESCRIPTION
	5069		134			5421		132		
	4875		133			5289		131		TO E. LANDA
	4742		267			5158		263		
2	14626	4875		536		15868	5289		531	
	6211		211			4258		214		
	6000		210			4044		214		
	5790		421			3830		428		
3	18001	6000		957		12132	4044		959	
	7073		213			4260		212		
	6860		210			4048		210		
	6650		423			3838		422		
4	20583	6861		1380		12146	4049		1381	
	7038		215			4281		213		
	6823		212			4068		213		
	6611		427			3855		426		
5	20472	6824		1807		12204	4068		1807	
		31924					21406			

F.B. 1378 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 H. F. NAUMANN
Notes by G. E. DREIER
Weather CLEAR-BREEZY Inst. No. 50010
Time 1:40 TO 3:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-91 To B.M. 11-89
Date 3-25-52 A. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.865	31.924	214	1.807		4.425	21.036	215	1.807	
	6.651		211			4.210		212		
	6.440		425			3.998		427		
6	19.956	6.652		2.232		12.633	4.211		2.234	
	6.990		212			4.380		212		
	6.778		213			4.168		213		
	6.565		425			3.955		425		
7	20.333	6.778		2.657		12.503	4.168		2.659	
	6.900		210			4.332		212		
	6.690		213			4.120		212		
	6.477		423			3.908		424		
8	20.067	6.689		3.080		12.360	4.120		3.083	
	6.830		211			4.460		212		
	6.619		211			4.248		213		
	6.408		422			4.035		425		
9	19.857	6.619		3.502		12.743	4.248		3.508	
	6.869		214			5.868		213		
	6.655		211			5.655		212		
	6.444		425			5.443		425		
10	19.968	6.656		3.927		16.966	5.655		3.933	
		65.318					43.808			

F.B. 1378 PG. 34

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: H. F. NAUMANN
Notes by: G. E. DREIER
Weather: CLEAR
Time: 1:40 TO 3:00
Inst. No.: 50010
Rod No.: 788

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 4923
From: B.M. 11-91 To: B.M. 11-89
Date: 3-25-52
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		65.318		3.927			43.808		3.933	
										B.M. 11-90 SEE F.B. 1376-8 FOR DESCRIPTION
	7.003		134			5.021		137		
	6.869		136			4.884		134		
	6.733		270			4.750		271		
11	20.605	6.868		4.197		14.655	4.885		4.204	
	6.050		135			5.024		134		
	5.915		135			4.890		132		
	5.780		270			4.758		266		
12	17.745	5.915		4.467		14.672	4.891		4.470	
	6.627		214			4.366		214		
	6.413		213			4.092		212		
	6.200		427			3.880		426		
13	19.240	6.413		4.894		12.278	4.093		4.896	
	6.908		215			4.341		212		
	6.693		211			4.129		211		
	6.482		426			3.918		423		
14	20.083	6.694		5.320		12.388	4.129		5.319	
		91.208					61.806			

F.B. 1378 PG. 35

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 1:40 TO 3:05 Rod No. 788

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 11-91 To B.M. 11-89
Date 3-25-52
Indexed R. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.915	91.208	215	5.320		4.350	6.706	212	5.319	
	6.700		211			4.138		213		
	6.489		426			3.925		425		
15	20.104	6.701		5.746		12.413	4.138		5.744	
	6.821		213			4.409		211		
	6.608		210			4.198		213		SUMMATION OF RUN
	6.398		423			3.785		424		B.M. 11-91 TO B.M. 11-89
16	19.827	6.609		6.169		12.592	4.197		6.168	
	6.891		213			4.310		211		TOTAL BACKSIGHTS + 124.573
	6.678		213			4.099		214		TOTAL FORESIGHTS − 83.463
	6.465		426			3.885		425		DIFF. IN ELEVATION + 41.110
17	20.034	6.678		6.595		12.294	4.098		6.593	
	6.910		213			4.355		213		
	6.697		214			4.142		212		
	6.483		427			3.930		425		
18	20.090	6.697		7.022		12.427	4.142		7.018	
	6.893		213			5.295		213		
	6.680		212			5.082		212		B.M. 11-89 (COVINA L-6)
	6.468		425			4.870		425		SEE F.B. 1376-80
19	20.041	6.680		7.447	82°	15.247	5.082		7.443	FOR DESCRIPTION
		124.573					83.463			

F.B. 1378 PG. 36

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:40 TO 9:15 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-98 To B.M. 11-89
Date 3-26-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.952		133		#7	4.970		138		
	6.819		137			4.832		134		B.M. 11-90
	6.682		270			4.698		272		SEE F.B. 1376-81
1	20.453	6.818		270	69°	14.500	4.833		272	FOR DESCRIPTION
	6.080		137			5.052		132		
	5.943		135			4.920		136		T. E. LANDA
	5.808		272			4.784		268		
2	17.831	5.944		542		14.756	4.919		540	
	6.640		214			4.318		214		
	6.426		214			4.104		213		
	6.212		428			3.891		427		
3	19.278	6.426		970		12.313	4.104		967	
	6.910		213			4.342		213		
	6.697		213			4.129		211		
	6.484		426			3.918		424		
4	20.091	6.697		1.396		12.389	4.130		1391	
	6.908		215			4.340		210		
	6.693		213			4.130		212		
	6.480		428			3.918		422		
5	20.081	6.694		1.824		12.388	4.129		1.813	
		32.579					22.115			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 5010
Notes by G.E. DREIER Time 8:30 TO 9:15 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-90 To B.M. 11-89
Date 3-26-52
Indexed A. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.857	32.579	214	1.824		4.445	22.115	214	1.813	
	6.643		211			4.231		211		
	6.432		425			4.020		425		
6	19.932	6.644		2.249		12.696	4.232		2.238	SUMMATION OF RUN
	6.912		212			4.330		212		B.M. 11-90 TO B.M. 11-89
	6.700		212			4.118		215		
	6.488		424			3.903		427		TOTAL BACKSIGHTS + 59.322
7	20.100	6.700		2.673		12.351	4.117		2.665	TOTAL FORESIGHTS - 39.709
	6.932		214			4.377		215		DIFF. IN ELEVATION + 19.613
	6.718		213			4.162		212		
	6.505		427			3.950		427		
8	20.155	6.718		3.100		12.489	4.163		3.092	
	6.895		215			5.295		213		
	6.680		211			5.082		212		B.M. 11-89 (COVINA L-6)
	6.469		426			4.870		425		SEE F.B. 1376-80
9	20.044	6.681		3.526	71°	15.247	5.082		3.517	FOR DESCRIPTION
		59.322					39.709			

F.B. 1378 PG. 38

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:50-10:50AM Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-91 To B.M. 11-93
Date 3-26-32
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
	3278		258		#7	6632		255		
	3020		258			6377		255		B.M. 11-91
	2762		516			6122		510		SEE F.B. 1376-82
1	9060	3020		516	73°	19131	6377		510	FOR DESCRIPTION
	4485		217			6929		219		
	4268		218			6710		219		TT G.E. DREFER
	4050		435			6491		438		
2	12803	4268		954		20130	6710		948	
	4499		211			6822		211		
	4288		211			6611		211		
	4077		422			6400		422		
3	12864	4288		1373		19833	6611		1370	
	4413		213			6916		213		
	4200		212			6703		211		
	3988		425			6492		424		
4	12601	4200		1798		20111	6704		1794	
	4647		216			5033		212		
	4431		213			4821		212		
	4218		429			4609		424		
5	13296	4432		2227		14463	4821		2218	
		20208					31223			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:50-10:50 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-91 To BM 11-93
Date 3-26-51
Indexed A. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6479	20.208	225	2.227		4581	31.823	231	2.218	
	6254		225			4360		231		
	6029		450			4119		462		
6	18762	6.254		2.677		13050	4.350		2.680	
	4721		210			7821		211		
	4511		211			7610		211		
	4300		421			7399		422		
7	13532	4.511		3.098		22830	7.610		3.102	
	3423		212			8029		212		
	3211		212			7817		212		
	2999		424			7605		424		
8	9633	3.211		3.522		23451	7.817		3.526	
	3700		207			7691		209		
	3493		205			7482		207		
	3288		412			7275		416		
9	10481	3.494		3.934		22448	7.483		3.942	
										BM 11-92
										SEE F.B. 1376-83
										FOR DESCRIPTION
		37.678					58.483			

F.B. 1378 PG. 40

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:50-10:50 am Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM. 11-91 To BM. 11-95
Date 3-26-5
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5142	37.678	210	3.934		6969	58.483	210	3.942	
	4932		211			6759		210		
	4721		421			6549		420		
10.	14795	4.932		4.355		20277	6.759		4.362	
	4329		211			6940		210		
	4118		210			6730		209		
	3908		421			6521		419		
11	12355	4.118		4.776		20191	6.730		4.788	
	3818		212			6926		214		
	3606		212			6712		211		
	3394		424			6501		425		
12	10918	3.606		5.200		20139	6.713		5.206	
	4016		211			6902		209		
	3805		211			6693		206		
	3594		422			6487		415		
13	11415	3.805		5.622		20082	6.694		5.621	
	4253		210			7281		211		
	4043		211			7070		211		
	3832		421			6859		422		
14	12128	4.043		6.043		21210	7.070		6.043	
		58.182					92.449			

F.B. 1378 PG. 41

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:50-10:50AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-91 To BM 11-95
Date 3-26-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3636	58.182	211	6.043		6911	92.449	212	6.043	
	3425		209			6699		212		
	3216		420			6487		424		
15	10277	3.426		6.463		20097	6.699		6.467	
	4353		210			7003		209		
	4143		210			6794		209		
	3933		420			6585		418		
16	12429	4.143		6.883		20382	6.794		6.885	
	4311		221			7110		219		
	4090		219			6891		219		
	3871		440			6672		438		
17	12272	4.091		7.323		20673	6.891		7.323	
	4231		211			6180		210		
	4020		211			5970		210		
	3809		422			5760		420		
18	12060	4.020		7.745		17910	5.970		7.743	
	6389		212			3902		211		
	6177		213			3691		211		
	5964		425			3480		422		
19	18530	6.177		8.170		11073	3.691		8.165	
		80.039					122.494			

F.B. 1378 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 H. F. NAUMANN
Notes by S. SHINODA
Weather CLEAR
Time 9:50-10:50 AM
Inst. No. 50010
Rod No. 788

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM 11-91 To BM 11-93
Date 3-26-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8073	80.039	282	8.170		4127	122.494	288	8.165	
	7791		282			3839		287		BM 11-93
	7509		564			3552		575		SEE FB. 1576-84
20	23373	7.791		8.734	78°	11518	3.839		8.740	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 11-91 TO BM 11-93
										TOTAL BACKSIGHTS +87.830
										" FORESIGHTS -126.333
										DIFF. IN ELEVATION -38.503
		87.830					126.333			

F.B. 1378 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 H. F. NAUMANN 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. 138 PG. 44										

FORM [illegible] 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50 - 12:00 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 11-93 To BM 11-91
Date 3-26-5[illegible]
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
	4085		288		#7	8034		282		
	3797		287			7752		281		B.M. 11-93
	3510		575			7471		563		SEE F.B. 1376-84
1	11392	3797		575	78°	23257	7.752		563	FOR DESCRIPTION
	3934		211			6423		212		
	3723		210			6211		211		π G.E. DREIER
	3513		421			6000		423		
2	11170	3.723		.996		18634	6.211		.986	
	6211		208			4270		213		
	6003		207			4057		214		
	5796		415			3843		427		
3	18010	6.003		1.411		12170	4.057		1.413	
	7093		219			4292		221		
	6874		218			4071		220		
	6656		437			3851		441		
4	20623	6.874		1.848		12214	4.071		1.854	
	7011		209			4363		210		
	6802		211			4153		210		
	6591		420			3943		420		
5	20404	6.801		2.268		12459	4.153		2.274	
		27.198					26.244			

F.B. 1378 PG. 45

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50-12:00 AM Rod No. 7&8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-93 To BM 11-91
Date 3-26-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6921	27.198	212	2268		3642	26.244	210	2274	
	6709		212			3432		210		
	6497		424			3222		420		
6	20127	6.709		2692		10296	3.432		2694	
	7248		211			4222		211		
	7037		210			4011		209		
	6827		421			3802		420		
7	21112	7.037		3113		12035	4.012		3114	
	6909		207			4024		211		
	6702		205			3813		209		
	6497		412			3604		420		
8	20108	6.703		3525		11441	3.814		3534	
	6918		211			3811		210		
	6707		210			3601		212		
	6497		421			3389		422		
9	20122	6.707		3946		10801	3.600		3956	
	6975		214			4358		208		
	6761		211			4150		208		
	6550		425			3942		416		
10	20286	6.762		4371		12450	4.150		4372	
		61.116					45.252			

F.B. 1378 PG. 46

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50 - 12:00 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-93 To BM 11-91
Date 3-26-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6941	61.116	210	4371		5117	45.252	210	4372	
	6731		211			4907		210		
	6520		421			4697		420		
11	20192	6.731		4792		14721	4.907		4792	
		67.847					50.159			
										B.M. 11-92
										SEE F.B. 1376-23
										FOR DESCRIPTION
	7711		208			3721		207		
	7503		206			3514		206		
	7297		414			3308		413		
12	22511	7.504		5206		10543	3.514		5205	
	8033		211			3429		212		
	7822		211			3217		213		
	7611		422			3004		425		
13	23466	7.822		5628		9650	3.217		5630	
	7875		212			4779		212		
	7663		212			4567		212		
	7451		424			4355		424		
14	22989	7.663		6052		13701	4.567		6054	
		90.836					61.457			

F.B. 1378 PG. 47

FORM 579 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50-12:00 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-98 To BM 11-91
Date 3-26-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4617	90.836	228	6.052		6520	61.457	229	6.054	
	4389		228			6291		228		
	4161		456			6063		457		
15	13167	4389		6.508		18874	6291		6.511	
	5023		212			4635		216		
	4811		212			4419		216		
	4599		424			4203		432		
16	14433	4811		6.932		13257	4419		6.943	
	6910		213			4411		211		
	6697		210			4200		212		
	6487		423			3988		423		
17	20094	6.698		7.355		12599	4200		7.366	
	6778		214			4453		211		
	6564		212			4242		211		
	6352		426			4031		422		
18	19694	6.565		7.781		12726	4242		7.788	
	6930		218			4487		218		
	6712		215			4269		218		
	6497		433			4051		436		
19	20139	6.713		8.214		12807	4269		8.224	
		120.012					94.878			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 10:50-12:00 A.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-93 To BM 11-91
Date 3-26-5
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
	6394	120.012	256	8214		3039	84.878	257	8224	
	6138		257			2782		256		BM 11-91
	5881		513			2526		513		SEE F.B. 1376-82
20.	18413	6.138		8727	80°	8347	2.782		8737	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 11-93 BM 11-91
										TOTAL BACKSIGHTS + 126.150
										" FORESIGHTS − 87.660
										DIFF. IN ELEVATION + 38.490
		126.150					87.660			

F.B. 1378 PG. 45

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN 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. 137 PG. 50										

FORM 379 6M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by G.E. DREIER Time 1:25 : 2:15 P.M. Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-93 To B.M. 11-95
Date 3-26-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.698		213		#7	5.822		212		
	7.485		210			5.610		215		B.M. 11-93
	7.275		423			5.395		427		SEE F.B. 1376-84
1	22.458	7.486		423	80°	16.827	5.609		427	FOR DESCRIPTION
	3.508		213			9.510		215		
	3.295		213			9.295		213		T. E. LANDA
	3.082		426			9.082		428		
2	9.885	3.295		849		27.887	9.296		855	
	1.249		214			9.920		210		
	1.035		213			9.710		210		
	0.822		427			9.500		420		
3	3.106	1.035		1.276		29.130	9.710		1.275	
	1.325		210			10.091		213		
	1.115		213			9.878		214		
	0.902		423			9.664		427		
4	3.342	1.114		1.699		29.633	9.878		1.702	
	2.841		131			8.076		124		
	2.710		132			7.952		125		
	2.578		263			7.827		249		
5	8.129	2.710		1.962		23.855	7.952		1.951	
		15.640					42.445			

F.B. 1378 PG. 51

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: N. F. NAUMANN
Notes by: C. E. DREIER
Weather: CLEAR
Time: 1:25 TO 2:15
Inst. No. 50010
Rod No. 788

Name: L. A. CO. PRECISE LEVEL NET
Job No. 4923
From: B.M. 11-93 To: B.M. 11-95
Date: 3-26-52
Indexed: R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2844	15.640	124	1.962		9090	42.145	132	1.951	
	2720		128			8958		132		
	2592		252			8826		264		
6	8156	2.719		2.214		26.874	8.958		2.215	
		18.359					51.103			B.M. 11-94 (COVINA I-9, AUX 2) SEE F.B. 1376-85 FOR DESCRIPTION
	3917		213			6608		210		
	3704		210			6398		211		
	3494		423			6187		421		
7	11.115	3.705		2.637		19.193	6.398		2.636	
	5058		213			6280		214		
	4845		210			6066		211		
	4635		423			5855		425		
8	14.538	4.846		3.060		18.201	6.067		3.061	
	5040		212			6172		213		
	4828		210			5959		211		
	4618		422			5748		424		
9	14.486	4.829		3.482		17.879	5.960		3.485	
		31.739					69.828			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by G.E. DREIER Time 1:25 TO 2:15 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-93 To B.M. 11-95
Date 3-26-32
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
	5.097	31.739	214	3.482		5.625	69.828	213	3.485	
	4.878		213			5.412		212		
	4.665		427			5.200		425		
10	14.635	4.878		3.909		16.237	5.412		3.910	
	5.368		185			6.440		181		
	5.183		183			6.259		179		
	5.000		368			6.080		360		
11	15.551	5.184		4.277		18.779	6.260		4.270	
	4.892		182			6.668		188		
	4.710		180			6.480		187		B.M. 11-95
	4.530		362			6.293		375		SEE F.B. 1376-85,86
12	14.132	4.711		4.639	79°	19.441	6.480		4.645	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 11-93 TO B.M. 11-95
										TOTAL BACKSIGHTS + 46.512
										TOTAL FORESIGHTS - 87.980
										DIFF IN ELEVATION - 41.468
		46.512					87.980			

F.B. 1378 PG. 53

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010

Notes by G.E.D. REIER Time 1:25 TO Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-93 To B.M. 11-95
Date 3-26-52
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
F.B. 1378 PG. 54										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: H. F. NAUMANN
Weather: CLEAR
Inst. No.: 50010
Notes by: G. E. DREIER
Time: 2:15 to 3:00
Rod No.: 788

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 4923
From: B.M. 11-95 To: B.M. 11-93
Date: 3-26-52
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6658		188			4883		181		
	6470		185			4702		182		B.M. 11-95
	6285		373			4520		363		SEE F.B. 1316-1586
1	19413	6471		373		14105	4702		363	FOR DESCRIPTION
	6452		180			5382		184		
	6272		180			5198		186		
	6092		360			5012		370		
2	18816	6272		733		15592	5197		733	
	5586		214			5052		214		
	5372		211			4838		213		
	5161		425			4625		427		
3	16119	5373		1158		14515	4838		1160	
	6162		212			5029		210		
	5950		212			4819		214		
	5738		424			4605		424		
4	17850	5950		1582		14453	4818		1584	
	6266		214			5045		213		
	6052		211			4832		212		
	5841		425			4620		425		
5	18159	6053		2007		14497	4832		2009	
		30119					24387			

F.B. 1378 PG. 55

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 H. F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 2:15 TO 3:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-95 To B.M. 11-93
Date 3-26-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.603	30.119	213	2.007		3.912	24.377	212	2.009	
	6.390	–	210			3.700		212		
	6.180		423			3.488		424		
6	19.173	6.391		2.430		11.100	3.700		2.433	
		36.510					28.077			B.M 11-94 COVINA 1-9, AUX 2 SEE F.B. 1376-85 FOR DESCRIPTION
	9.100		132			2.851		123		
	8.968		133			2.728		125		
	8.835		265			2.603		248		
7	26.903	8.968		2.695		8.182	2.727		2.681	
	8.015		125			2.786		132		
	7.890		123			2.648		133		
	7.767		248			2.515		265		
8	23.672	7.891		2.943		7.943	2.648		2.946	
	9.995		215			1.229		211		
	9.780		212			1.018		213		
	9.568		427			0.805		424		
9	29.343	9.781		3.370		3.052	1.017		3.370	
		63.150					34.479			

F.B. 1378 PG. 56

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:15 TO 3:00 Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-95 To B.M. 11-93
Date 3-26-96
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
	9.932	63.150	210	3.370		1262	34.479	213	3.370	
	9.722		210			1049		211		
	9.512		420			0838		424		
10	29.166	9.722		3.790		3.149	1.050		3.794	
	9.499		214			3498		216		
	9285		214			3282		212		
	9071		428			3070		428		
11	27.855	9.285		4.218		9.850	3.283		4.222	
	5.825		215			7.702		213		
	5.610		211			7.489		210		B.M. 11-93
	5.399		426			7.279		423		SEE F.B. 1376 PG. 84
12	16.834	5.611		4.644	790	22.470	7.490		4.645	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 11-95 TO B.M. 11-93
										TOTAL BACKSIGHTS 87.768
										TOTAL FORESIGHTS 46.302
		87.768					46.302			DIFF. IN ELEVATION 41.466

F.B. 1378 PG. 57

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... Weather CLEAR-BREEZY Inst. No. .....
Notes by ..... Time 2' Rod No. 788

Name .....
Job No. 4923
From B.M. 11-95 To B.M. 11-93
Date 3-26-52
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. 1878 PG. 58										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather CLEAR & WINDY Inst. No. 50010
Notes by S. SHIMODA Time 1:30-3:10 PM Rod No. 7 & 8

Name L. A. CO. RECISE LEVEL NET
Job No. 4923
From BM 11-95 To BM 11-97
Date 3-27-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4232		212		#7	6522		211		
	4020		210			6311		211		BM 11-95
	3810		422			6100		422		SEE F.B. 1376-85,86
1	12062	4.021		422	80°	18933	6.311		422	FOR DESCRIPTION
	3942		211			7420		212		
	3731		211			7208		212		TT G.E. DREIER
	3520		422			6996		424		
2	11193	3.731		844		21624	7.208		846	
	3778		213			6930		212		
	3565		212			6718		213		
	3353		425			6505		425		
3	10696	3.565		1269		20153	6.718		1271	
	3625		213			6384		196		
	3412		212			6188		196		
	3200		425			5992		392		
4	10237	3.412		1694		18564	6.188		1663	
	3400		206			6320		220		
	3194		206			6100		220		
	2988		412			5880		440		
5	9582	3.194		2106		18300	6.100		2105	
		17.923					32.525			

F.B. 1378 PG. 55

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR & WINDY Inst. No. 50010
Notes by S. SHIMODA Time 1:30-3:10 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-95 To BM 11-97
Date 3-27-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3362	17.923	213	2.106		6261	32.525	213	2.103	
	3149		212			6048		213		
	2937		425			5835		426		
6	9448	3.149		2.531		18144	6.018		2.529	
	3501		212			6777		214		
	3289		211			6563		212		
	3078		423			6351		426		
7	9868	3.289		2.954		19691	6.564		2.955	
	3293		206			6253		215		
	3087		207			6038		216		
	2880		413			5822		431		
8	9260	3.087		3.367		18113	6.038		3.386	
	3776		139			5471		125		
	3637		137			5346		126		
	3500		276			5220		251		
9	10913	3.638		3.643		16037	5.340		3.637	
	3241		129			6312		133		
	3112		129			6179		132		
	2983		258			6047		265		
10	9336	3.112		3.901		18538	6.179		3.902	
		34.198					62.700			

F.B. 137 P. PG. 60

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by S. SHINODA
Weather CLEAR & WINDY
Time 1:30-3:10 PM
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-95 To BM 11-97
Date 3-27-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		34.198		3.904			62.700		3.902	
										BM 11-96
										SEE F.B. 1376-46
										FOR DESCRIPTION
	3156		213			5931		211		
	2943		212			5720		211		
	2731		425			5509		422		
11.	8830	2943		4326		17160	5.720		4324	
	4494		212			5671		213		
	4282		211			5458		214		
	4071		423			5244		427		
12	12847	4282		4749		16373	5.458		4751	
	4531		211			6443		212		
	4320		211			6231		211		
	4109		422			6020		423		
13	12960	4320		5171		18694	6.231		5174	
	3167		210			7421		212		
	2957		209			7210		212		
	2748		419			6998		424		
14	8872	2.957		5590		21630	7.210		5598	
		48.700					87.319			

F.B. 1378 PG. 61

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR & WINDY Inst. No. 500.10
Notes by S. SHINODA Time 1:30 - 3:10 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-95 To B.M. 11-97
Date 3-27-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3051	48.700	212	5.590		7232	87.319	212	5.598	
	2839		210			7020		212		
	2429		422			6808		424		
	8519	2.840		6.012		21060	7.010		6.022	
	3163		214			6813		209		
	2949		212			6604		208		
	2737		426			6396		417		
16	8849	2.950		6.438		19813	6.604		6.439	
	3200		211			6471		213		
	2989		211			6258		214		
	2778		422			6044		427		
17	8967	2.989		6.860		18773	6.258		6.866	
	4261		212			5498		211		
	4049		211			5287		212		
	3838		423			5075		423		
18	12148	4.049		7.283		15860	5.287		7.289	
	4545		212			5491		212		
	4333		210			5279		212		
	4123		422			5067		424		
19	13001	4.334		7.705		15837	5.279		7.713	
		65.862					117.767			

F.B. 1378 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 H. F. NAUMANN
Notes by S. SHINODA
Weather CLEAR & WINDY
Time 1:30-3:10 P.M.
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 11-95 To BM 11-97
Date 3-27-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3881	65.962	211	7.705		6674	117.767	210	7.713	
	3670		210			6464		211		
	3460		421			6253		421		
20	11011	3.670		8126		19391	6.464		8134	
	3742		264			8297		266		
	3478		266			8031		265		BM 11-97
	3212		530			7766		531		SEE F.B. 1376-B7
21	10432	3.477		8656	85°	24094	8.031		8665	FOR DESCRIPTION
										SUMMATION OF RON
										BM 11-95 TO BM 11-97
										TOTAL BACKSIGHTS = 73.009
										" FORESIGHTS = 132.262
										DIFF. IN ELEVATION = 59.253
		73.009					132.262			

F.B. 1378 PG. 63

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. E. BAUMANN 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. 1378 PG. 64										

FORM 379 5M 7-50

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by S. SHINODA
Weather CLEAR
Time 8:50 - 10:20AM
Inst. No. 50010
Rod No. 2&8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 11-97 To BM 11-95
Date 3-28-52
Indexed R. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8299		266		#7	3739		264		
	8035		264			3475		264		BM 11-97
	7769		530			3211		528		SEE F.B 1576-67
1	14101	8.034		.530	68°	10425	3.475		.528	FOR DESCRIPTION
	6788		212			3992		211		
	6576		212			3781		211		T. G.E. DREYER
	6364		424			3570		422		
2	19728	6.576		.954		11345	3.781		.950	
	5588		213			4635		209		
	5375		212			4426		209		
	5163		425			4217		418		
3	16126	5.375		1.379		13278	4.426		1.368	
	5597		213			4361		211		
	5384		212			4150		211		
	5172		425			3939		422		
4	16153	5.384		1.804		12450	4.150		1.790	
	6817		210			3550		215		
	6607		210			3335		214		
	6397		420			3121		429		
5	19821	6.607		2.224		10006	3.335		2.219	
		31.976					17.167			

F.B. 1378 PG. 65

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Recorded by S. SHINODA
Weather CLEAR & WINDY
Time 8:50-10:20 AM
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-97 To BM 11-91
Date 3-28-52
Indexed A. C. Johnson

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
	7105	31.976	211	2.224		3451	19.167	212	2.219	
	6894		210			3239		212		
	6684		421			3027		424		
6.	20683	6.894		2.645		9717	3.239		2.643	
	7209		212			3026		213		
	6997		213			2813		211		
	6784		425			2602		424		
7.	20990	6.997		3.070		8441	2.814		3.067	
	7414		212			3165		213		
	7202		212			2952		210		
	6990		424			2742		423		
8.	21606	7.202		3.494		8859	2.953		3.490	
	6561		213			4648		214		
	6348		214			4434		212		
	6134		427			4222		426		
9	19043	6.348		3.921		13304	4.435		3.916	
	5551		211			4380		211		
	5340		209			4169		212		
	5131		420			3957		423		
10.	16022	5.341		4.341		12506	4.169		4.339	
		64.758					36.777			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by J. SHINODA Time 8:50-10:20AM Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 11-97 To BM 11-95
Date 3-28-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6028	64.758	212	4341		3248	30.777	213	4339	
	5816		212			3035		214		
	5604		424			2821		427		
11	17448	5.816		4765		9104	3.035		4766	
		70.574					39.812			
										BM 11-96 SEE F.B. 1376-84 FOR DESCRIPTION
	6328		132			3262		131		
	6196		131			3131		132		
	6065		263			3000		268		
12	18589	6.196		5028		9393	3.131		5028	
	5501		130			3793		133		
	5371		128			3660		132		
	5243		258			3528		265		
13	16115	5.372		5286		10981	3.660		5294	
	6391		215			3435		208		
	6176		215			3227		209		
	5961		430			3018		417		
14	18528	6.176		5716		9680	3.227		5714	
		88.318					49.830			

F.B. 1378 PG. 67

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by S. SHINODA
Weather CLEAR
Time 8:50-10:20AM
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-97 To BM 11-95
Date 3-28-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6825	88.318	214	5.716		3549	49.830	212	5.71+0	
	6611		211			3337		212		
	6400		425			3125		424		
15	19836	6.612		6.141		10011	3.337		6.135	
	6308		215			3411		213		
	6093		212			3198		215		
	5881		427			2983		428		
16	18282	6.094		6.568		9592	3.197		6.563	
	6362		212			3458		216		
	6150		212			3242		212		
	5938		424			3030		428		
17	18450	6.150		6.992		9730	3.243		6.997	
	6393		195			3635		213		
	6198		197			3422		212		
	6001		392			3210		425		
18	18592	6.197		7.384		10267	3.422		7.416	
	6512		220			3346		204		
	6292		221			3142		203		
	6071		441			2939		407		
19	18875	6.292		7.825		9427	3.142		7.823	
		119.663					66.171			

F.B. 137.8 PG. 68

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:50-10:20AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-97 To B.M. 11-95
Date 3-28-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6751	119.663	211	7.825		3275	66.171	213	7.825	
	6540		213			3062		212		
	6327		424			2850		425		
20	19618	6.539		8249		9187	3.062		8248	
	6480		211			4191		212		
	6269		211			3979		211		B.M. 11-95
	6058		422			3768		423		SEE F.B. 1376 85, 86
21	18807	6.269		8671	80°	11938	3.979		8671	FOR DESCRIPTION
										SUMMATION OF RCM
										B.M. 11-97 TO B.M. 11-95
										TOTAL BACKSIGHTS 132.471
										" FORESIGHTS - 73.212
										DIFF. IN ELEVATION 59.259
										F.B. 1378 PG. 65
		132.471					73.212			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

Name LLAA.000.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. 137 8 PG. 70										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 10:35 TO 11:45 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-97 To B.M. 11-99
Date 3-28-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.130		212		#7	7.336		214		
	4.918		213			7.122		212		B.M. 11-97
	4.705		424			6.910		426		SEE F.B. 1376-87
1	14.753	4.918		425	80°	21.368	7.123		426	FOR DESCRIPTION
	4.278		210			7.128		215		
	4.068		210			6.913		213		T. E. LANDA
	3.858		420			6.700		428		
2	12.204	4.068		845		20.741	6.914		854	
	4.184		214			7.182		212		
	3.970		210			6.970		212		
	3.760		424			6.758		424		
3	11.914	3.971		1269		20.910	6.970		1278	
	4.170		212			7.125		213		
	3.958		213			6.912		212		
	3.745		425			6.700		425		
4	11.873	3.958		1694		20.737	6.912		1703	
	4.495		213			7.173		213		
	4.282		212			6.960		210		
	4.070		425			6.750		423		
5	12.847	4.282		2119		20.883	6.961		2126	
		21.197					34.880			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:35 TO 11:45 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-97 To B.M. 11-99
Date 3-28-52
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.813	21.197	212	2.119		6.563	34880	212	2.126	
	4.601		211			6.351		211		
	4.390		423			6.140		423		
6	13.804	4.601		2.542		19.054	6.351		2.549	
	4.912		212			6.728		213		
	4.700		212			6.515		213		
	4.488		424			6.302		426		
7	14.100	4.700		2.966		19.545	6.515		2.975	
	5.072		213			6.450		212		
	4.859		211			6.238		214		
	4.648		424			6.024		426		
8	14.579	4.860		3.390		18.712	6.237		3.401	
	5.012		212			6.380		210		
	4.800		212			6.170		210		
	4.588		424			5.960		420		
9	14.400	4.800		3.814		18.510	6.170		3.821	
	4.945		214			6.439		215		
	4.731		211			6.224		212		
	4.520		425			6.012		427		
10	14.196	4.732		4.239		18.675	6.225		4.248	
		44.890					66.378			

F.B. 137 8 PG. 72

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by C. E. DREIER Time 10:35 TO 11:45 Rod No. 7 88

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-97 To B.M. 11-99
Date 3-28-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4915	4.890	215	4.239		6382	6.378	211	4.248	
	4700		214			6171		208		
	4486		429			5963		419		
11	4101	4.700		4.668		18516	6.172		4.667	SUMMATION OF RUN
	4952		204			6242		204		B.M. 11-97 TO B.M. 11-99
	4748		203			6038		208		
	4545		407			5830		412		TOTAL BACKSIGHTS + 63.312
12	4245	4.748		5.075		18110	6.037		5.079	TOTAL FORESIGHTS - 90.111
	4695		206			6801		205		DIFF. IN ELEVATION - 26.799
	4489		206			6596		206		
	4283		412			6390		411		
13	13467	4.489		5.487		19787	6.596		5.490	
		54.827.					85.183.			B.M. 11-98 SEE F.B. 1376-88 FOR DESCRIPTION
	8641		156			5082		154		
	8485		157			4928		153		B.M. 11-99 (U.S. 1976) SEE F.B. 1376-88 FOR DESCRIPTION
	8328		313			4775		307		
14	25454	8.485		5.800	82°	14785	4.928		5.797	
		63.312.					90.111.			

F.B. 1376 PG. 73

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010

Notes by G.E. DREIER Time 10:35 TO 11:45 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-97 To B.M. 11-99
Date 3-28-52
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. 1378 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 H. F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by C.E. DREIER Time 11:45 TO 2:06 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-99 To B.M. 11-97
Date 3-28-57
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
	5.080		154		#7	8.640		158		
	4.926		154			8.482		157		B.M. 11-99 (L.S. 1776)
	4.772		308			8.325		315		SEE F.B. 1376-88
1	14.778	4.926		308	82°	25.447	8.482		315	FOR DESCRIPTION
										B.M. 11-98
										SEE F.B. 1376-88
										FOR DESCRIPTION
	6.831		203			4.725		205		
	6.628		205			4.520		208		T. E. LANDA
	6.423		408			4.312		413		
2	19.882	6.627		716		13.557	4.519		728	
	6.175		205			4.885		205		
	5.970		202			4.680		202		
	5.768		407			4.478		407		
3	17.913	5.971		1.123	82°	14.043	4.681		1.135	STOPPED 12:00 TO 1:00
	6.352		212			4.879		211		
	6.140		215			4.668		213		
	5.925		427			4.455		424		
4	18.417	6.139		1.550	82°	14.002	4.667		1.559	
		23.663					22.349			

F.B. 1376 PG. 75

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by C. F. DREIER Time 11:45 TO 2:00 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-99 To B.M. 11-97
Date 3-28-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.297	23.663	217	1.550		4.797	22.349	212	1.559	
	6.080		214			4.585		210		
	5.866		431			4.375		422		
5	18.243	6.081		1.981		13.757	4.586		1.981	
	6.375		215			5.000		212		
	6.160		212			4.788		210		
	5.948		427			4.578		422		
6	18.483	6.161		2.408		14.366	4.789		2.403	
	6.337		213			4.958		215		
	6.124		212			4.743		211		
	5.912		425			4.532		426		
7	18.373	6.124		2.833		14.233	4.744		2.829	
	6.679		211			4.867		214		
	6.468		210			4.653		210		
	6.258		421			4.443		424		
8	19.405	6.468		3.254		13.963	4.654		3.253	
	6.458		210			4.710		211		
	6.248		213			4.499		211		
	6.035		423			4.288		422		
9	18.741	6.247		3.677		13.497	4.499		3.675	
		54.744					45.621			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR-BREEZY Inst. No. 50010
Notes by C.E. DREIER Time 11:45 TO 2:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-99 To B.M. 11-97
Date 3-28-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6967	54.744	212	3677		4290	45.62	212	3675	
	6755		212			4078		213		
	6543		424			3865		425		
10	20265	6.755		4101		12233	4.078		4100	
	6985		214			4030		210		
	6771		211			3820		212		
	6560		425			3608		422		
11	20316	6.772		4526		11458	3.819		4522	SUMMATION OF RUN
	6292		212			3298		216		B.M. 11-99 TO B.M. 11-97
	6080		210			3082		212		
	5870		422			2870		428		TOTAL BACKSIGHTS +88.251
12	18242	6.081		4948		9250	3.083		4950	TOTAL FORESIGHTS -65.449
	7091		214			4242		212		DIFF. IN ELEVATION +22.802
	6877		214			4030		210		
	6663		428			3820		422		
13	20631	6.877		5376		12092	4.031		5372	
	7235		214			5028		210		
	7021		211			4818		213		B.M. 11-97
	6810		425			4605		423		SEE F.B. 1376-57
14	21066	7.022		5801	83	14451	4.817		5795	FOR DESCRIPTION
		88.251					65.449			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-99 To B.M. 11-97
Date 3-28-52
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
F.B. 1378 PG. 78										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:15-3:20 P.M. Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-99 To BM 11-101
Date 5-28-52
Indexed L. 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
	1982		235		#7	5701		238		
	1747		235			5463		237		BM 11-99 (U.S. 41-76)
	1512		470			5226		475		SEE F.B. 1376 88
1.	5241	1.747		.470	82°	16390	5.463		.475	FOR DESCRIPTION
	4578		215			6441		212		
	4363		214			6229		212		π G.E. DREIER
	4149		429			6017		424		
2	13090	4.363		.899		18687	6.229		.899	
	4410		211			6166		211		
	4199		211			5955		213		
	3988		422			5742		424		
3	12597	4.199		1.321		17863	5.954		1.323	
	4767		214			5641		212		
	4553		210			5429		212		
	4343		424			5217		424		
4	13663	4.554		1.745		16287	5.429		1.747	
	4236		211			4967		215		
	4025		211			4752		211		
	3814		422			4541		426		
5.	12075	4.025		2.167		14260	4.753		2.173	
		18.888					27.828			

F.B. 1378 PG. 79

FORM 379 BM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:15-3:20 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-99 To BM 11-101
Date 3-28-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5890	18.888	212	2167		4781	27.828	212	2173	
	5678		212			4569		210		
	5466		424			4359		422		
6	17034	5.678		2.591		13709	4.570		2.595	
	5230		213			4484		212		
	5017		213			4272		211		
	4804		426			4061		423		
7	15051	5.017		3.017		12817	4.272		3.018	
	5383		212			5244		213		
	5171		211			5031		212		
	4960		423			4819		425		
8	15514	5.171		3.440		15094	5.031		3.443	
	2503		211			7623		212		
	2292		211			7411		211		
	2081		422			7199		423 4		
9	16876	2.292		3.862		22233	7.411		3.866 7	
	2890		211			7530		213		
	2679		211			7317		212		
	2468		422			7105		425		
10	8037	2.679		4.284		21952	7.317		4.294 2	
		39.725					56.429			

F.B. 1378 PG. 80

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by S. SHINODA
Weather CLEAR
Time 2:15-3:20 PM
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-99 To BM 11-101
Date 3-28-5
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
	3562	39.725	211	4.284		6780	56.429	212	4.294	
	3351		210			6568		212		
	3141		421			6356		424		
11.	10054	3.351		4.705		19704	6.568		4.715	
	3622		211			6590		211		
	3411		210			6379		211		
	3201		421			6168		422		
12	10234	3.411		5.126		19137	6.379		5.137	
	3622		212			6761		211		
	3410		212			6550		212		
	3198		424			6338		423		
13.	10230	3.410		5.550		19649	6.550		5.560	
	4118		211			7231		213		
	3907		211			7018		213		
	3696		422			6805		426		
14.	11721	3.907		5.972		21054	7.018		5.986	
	3665		214			6818		209		
	3451		213			6609		210		
	3238		427			6399		419		
15.	10354	3.451		6.399		19826	6.609		6.405	
		57.255					89.553			

F.B. 1378 PG. 81

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:15 - 3:20 PM Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-99 To BM 11-101
Date 3-28-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4056	57.255	174	6.399		7372	87.553	172	6.405	
	3882		174			7200		172		
	3708		348			7028		344		STOPPED 3:20 PM 3-28-52
16	11646	3.882		6.747	81°	21600	7.200		6.749	
		61.137					96.753			B.M 11-100 SEE F.B. 1376-89 FOR DESCRIPTION
	4712		209			6459		212		
	4503		209			6247		214		BEGAN 8:50 A.M. 3-31-52
	4294		418			6033		426		
17	13509	4.503		7.165	56°	18739	6.246		7.175	
	4254		212			6397		214		
	4042		211			6183		212		
	3831		423			5971		426		
18	12127	4.042		7.588		18551	6.184		7.604	
	3707		214			6144		212		
	3493		213			5932		212		
	3280		427			5720		424		
19	10480	3.493		8.015		17796	5.932		8.025	
		73.175					115.115			

F.B. 1378 PG. 82

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:50-9:15 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-99 To BM 11-101
Date 3-31-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4085	73.175	216	8.015		5550	115.115	210	8.025	
	3869		216			5340		209		
	3653		452			5131		419		
20	11607	3.869		8.447		16021	5.340		8.444	
	4463		211			5141		212		
	4252		211			4929		212		SUMMATION OF RUN
	4041		422			4717		424		BM 11-99 TO BM 11-101
21	12756	4.252		8.869		14787	4.929		8.869	
	4523		146			4820		148		
	4377		147			4672		145		TOTAL BACKSIGHTS + 90.127
	4230		293			4527		293		" FORESIGHTS − 136.620
22	13130	4.377		9.162		14019	4.673		9.162	DIFF. IN ELEVATION − 46.493
	4630		177			6729		167		
	4453		175			6562		165		BM 11-101 (U.S. 1177)
	4278		352			6397		332		SEE F.B. 1376-90
23	13361	4.454		9.514	59°	19688	6.563		9.499	FOR DESCRIPTION
		90.127					136.620			

F.B. 1378 PG. 83

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-99 To BM 11-101
Date 3-28-52
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. 1378 PG. 84										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:15-10:45AM Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-101 To BM 11-99
Date 3-31-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6773		170		#7	4664		173		BM 11-101 (O.S. 177)
	6603		170			4491		171		SEE F.B. 1376-90
	6433		340			4320		344		FOR DESCRIPTION
1	19809	6.603		340	59°	13475	4.492		344	
	4897		148			4604		146		T. G.E. DREIER
	4749		147			4458		148		
	4602		295			4310		294		
2	14248	4.749		635		13372	4.457		.638	
	5183		212			4505		214		
	4971		211			4291		211		
	4760		423			4080		425		
3	14914	4.971		1.058		12876	4.292		1.063	
	5523		212			4051		211		
	5311		212			3840		211		
	5099		424			3629		422		
4	15933	5.311		1.482		11520	3.840		1.485	
	6311		212			3869		211		
	6099		212			3658		212		
	5887		424			3446		423		
5	18297	6.099		1.906		10973	3.658		1.908	
		27.733					20.739			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 9:15-10:45 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-101 To BM 11-99
Date 3-31-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6267	27.733	215	1906		4122	20.739	211	1908	
	6052		212			3911		210		
	5840		427			3701		427		
6	18159	6.053		2.333		11734	3.911		2.329	
	6570		211			4822		210		
	6359		212			4612		209		
	6147		423			4403		419		
7	19076	6.359		2.756		13837	4.612		2.748	
		40.145					29.262			
										BM 11-100 SEE F.B. 1376-89 FOR DESCRIPTION
	7420		173			4108		176		
	7247		174			3932		172		
	7073		347			3760		348		
8	21740	7.247		3.103		11800	3.933		3.096	
	6753		212			3595		213		
	6541		212			3382		211		
	6329		424			3171		424		
9	19623	6.541		3.527		10148	3.383		3.520	
		53.933					36.578			

F.B. 1378 PG. 86

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by S. SHINODA
Weather CLEAR
Time 9:15-10:45AM
Inst. No. 50010
Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4225
From BM 11-101 To BM-99
Date 3-31-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7198	53.933	214	3.527		4082	36.578	211	3.520	
	6984		213			3871		211		
	6771		427			3660		422		
10.	20953	6.984		3.954		11613	3.871		3.942	
	6770		213			3622		211		
	6557		214			3411		210		
	6343		427			3201		421		
11	19670	6.557		4.391		10234	3.411		4.363	
	6569		211			3606		212		
	6358		211			3394		212		
	6147		422			3182		424		
12	19074	6.358		4.803		10182	3.394		4.787	
	6638		209			3422		214		
	6429		209			3208		216		
	6220		418			2992		430		
13	19287	6.429		5.221		9622	3.207		5.217	
	7357		216			2718		215		
	7141		214			2503		212		
	6927		430			2291		427		
14.	21425	7.142		5.651		7512	2.504		5.644	
		87.403					52.965			

F.B. 1378 PG. 87

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. KAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:15-10:45 A.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-101 To BM 11-99
Date 3-31-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7863	87.403	212	5.651		2740	52.765	210	5.644	
	7651		212			2530		211		
	7439		424			2319		421		
15	22953	7.651		6.075		7589	2.530		6.065	
	5438		211			5585		216		
	5227		210			5369		212		
	5017		421			5157		428		
16	15682	5.227		6.496		16111	5.370		6.493	
	4970		212			5710		212		
	4758		212			5498		211		
	4546		424			5287		423		
17	14274	4.758		6.920		16495	5.498		6.916	
	4751		211			5863		211		
	4540		211			5652		211		
	4329		422			5441		422		
18	13620	4.540		7.342		16956	5.652		7.338	
	5180		211			4447		211		
	4969		212			4236		212		
	4757		423			4024		423		
19	14906	4.969		7.765		12707	4.236		7.761	
		114.548					76.251			

F.B. 1378 PG. 88

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:15-10:45 AM Rod No. 7&8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-101 To BM 99
Date 3-31-52
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5502	14.548	212	7.765		4629	16.251	211	7.761	
	5290		211			4418		213		
	5079		423			4205		424		
20	15871	5.290		8.188		13252	4.417		8.185	
	6168		213			4406		209		
	5955		213			4197		210		SUMMATION OF RUN
	5742		426			3987		419		B.M. 11-101 TO B.M. 11-99
21	17865	5.955		8.614		12590	4.197		8.604	
	6331		209			4474		215		
	6122		207			4259		216		TOTAL BACKSIGHTS = 137.416
	5915		416			4043		431		FORESIGHTS = 90.905
22	18368	6.123		9.030		12776	4.259		9.035	DIFF IN ELEVATION +46.511
	5737		238			2014		232		
	5499		236			1782		234		B.M. 11-99
	5263		474			1548		466		SEE F.B. 1376-88
23	16499	5.500		9.504	62°	5344	1.781		9.501	FOR DESCRIPTION
		137.416					90.905			

F.B. 1378 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 H. F. NAUMANN 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. 137 P 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 H. F. NAUMANN Weather PART-CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 11:20 TO 1:25 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 101 To B.M. 102
Date 3-31-52
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
	8510		222		#7	3.762		227		
	8288		226			3535		227		B.M. 11-101 (U.S. 1127)
	8062		448			3308		454		SEE F.B. 1376-90
1	24.860	8.287		448	62°	10.605	3.535		454	FOR DESCRIPTION
	6.989		211			5.025		215		
	6.778		210			4.810		212		π E. LANDA
	6568		421			4598		427		
2	20.335	6.778		869		14.433	4.811		881	
	3.378		213			8.782		214		
	3165		213			8.568		211		
	2952		426			8357		425		
3	9.495	3.165		1.295		25.707	8.569		1.306	
	1.198		213			8.888		210		
	0.985		215			8.678		213		
	0.770		428			8465		423		
4	2.953	0.984		1.723		26.031	8.677		1.729	
	1822		214			7053		209		
	1608		215			6844		210		
	1395		427			6634		419		
5	4.825	1.608		2.150		20.531	6.844		2.148	
		20.822					32.436			

F.B. 1378 PG. 91

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 11:20 TO 1:25 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-101 To B.M. 11-102
Date 3-31-52
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
	3.515	20.822	214	2.~~448~~ 150		6.284	32.436	213	2.~~450~~ 148	
	3.301		212			6.071		211		
	3.089		426	6		5.860		424	7	
6	9.905	3.302		2.574		18.215	6.072		2.574	
	5.622		212			4.630		212		
	5.410		211			4.418		213		
	5.199		423	9		4.205		425	7	
7	16.231	5.410		2.997		13.253	4.418		2.997	
	4.923		213			6.493		213		
	4.710		212			6.280		212		
	4.498		425	4		6.068		425	2	
8	14.131	4.710		3.422	64°	18.841	6.280		3.424	STOPPED 12:00 TO 1:00
	3.872		211			6.272		215		
	3.661		213			6.057		214		
	3.448		424	8		5.843		429	1	
9	10.981	3.660		3.846	63°	18.172	6.057		3.853	
	3.950		212			6.001		211		
	3.738		213			5.790		210		
	3.525		425	3		5.580		421	2	
10	11.213	3.738		4.271		17.371	5.790		4.274	
		41.642					61.053			

F.B. 378 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 H. F. NAUMANN Weather PART-CLOUDY Inst. No. 50010
Notes by C. E. DREIER Time 11:20 TO 1:25 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-101 To B.M. 11-102
Date 3-31-5[illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.508	41.642	.259	4.274 3		6.940	61.053	.260	4.274 2	
	4.249		.256			6.680		.258		B.M. 11-102
	3.993		.515			6.422		.518		SEE F.B. 1376-91
11	2.750	4.250		4.786 8	63°	20.042	6.681		4.792 0	FOR DESCRIPTION
12										
										SUMMATION OF RUN B.M. 11-101 TO B.M. 11-102
										TOTAL BACKSIGHTS + 45.892
										TOTAL FORESIGHTS − 67.734
										DIFF IN ELEVATION − 21.842
		45.892					67.734			

F.B. 1378 PG. 53

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN 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. 1378 PG. 54										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by G. E. DREIER
Weather CLOUDY
Time 1:25 TO 2:15
Inst. No. 50010
Rod No. 728

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-102 To B.M. 11-101
Date 3-31-53
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
	6938		259			4508		259		
	6679		257			4249		257		B.M. 11-102
	6422		516			3992		516		SEE F.B. 1376 - 91
1	20039	6680		516		12749	4250		516	FOR DESCRIPTION
	6050		212			4005		212		
	5838		216			3793		211		T. E. LANDA
	5622		428			3582		423		
2	17510	5833		944		11380	3793		939	
	6335		217			3932		213		
	6118		215			3719		211		
	5903		432			3508		424		
3	18356	6119		1376		11159	3720		1363	
	6538		213			4975		213		
	6325		215			4762		212		
	6110		428			4550		425		
4	18973	6324		1804		14287	4762		1788	
	4662		212			5653		213		
	4450		212			5440		210		
	4238		424			5230		423		
5	13350	4450		2228		16323	5441		2211	
		29410					21966			

F.B. 1378 PG. 95

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. KAUMANN Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 1:25 TO 2:15 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-102 To B.M. 11-101
Date 3-31-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.430	29.410	218	2.228		3.670	21.966	217	2.211	
	6.222		219			3.453		215		
	6.013		437	4		3.238		432		
6	18.665	6.222	1	2.665		10.361	3.454		2.643	
	7.288		213			2.048		213		
	7.075		214			1.835		213		
	6.861		427	7		1.622		426		
7	21.224	7.075		3.042		5.505	1.835		3.069	
	9.126		209			1.443		215		
	8.917		209			1.228		218		
	8.708		418	49		1.010		433		
8	26.751	8.917		3.540		3.681	1.227		3.502	
	8.880		210			3.481		215		
	8.670		210			3.266		214		
	8.460		420	1		3.052		429		
9	26.010	8.670		3.930		9.799	3.266		3.931	
	4.888		213			6.858		211		
	4.675		215			6.647		215		
	4.460		428	3		6.432		426		
10	14.023	4.674		4.358		19.937	6.646		4.357	
		64.968					38.594			

F.B. 1378 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 H. E. NAUMANN Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 1:25 TO 2:15 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-102 To B.M. 11-101
Date 3-31-5[illegible]
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
	3.618	64.968	229	4.358		8.362	38.394	224	4.357	
	3.389		226	3		8.138		226		B.M. 11-101 (U.S. 1177)
	3.163		455	79		7.912		450		SEE F.B. 1376-90
11	10.170	3.390		4.813	62°	24.412	8.137		4.807	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 11-102 TO B.M. 11-101
										TOTAL BACKSIGHTS = 68.358
										TOTAL FORESIGHTS = 46.531
										DIFF IN ELEVATION = 21.827
		68.358					46.531			

F.B. 1378 PG. 57

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather .... Inst. No. ....
Notes by .... Time .... Rod No. ....

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

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

F.B. 1378 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 H. F. NAUMAN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:40 TO 10:30 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-102 To B.M. 11-101
Date 4-1-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6578		129		#7	5044		129		
	6449		128			4915		128		B.M. 11-102
	6321		257			4787		257		SEE F.B. 1376-91
1	19348	6449		257	66°	14746	4915		257	FOR DESCRIPTION
	5729		128			4830		129		
	5599		130			4701		129		π E. LANDA
	5469		258			4572		258		
2	16795	5598		515		14103	4701		515	
	6058		213			4008		210		
	5845		213			3798		213		
	5632		426	4		3585		423		
3	17535	5845		941		11391	3797		938	
	6215		213			3816		213		
	6002		214			3603		211		
	5788		427	6		3392		424		
4	18005	6002		1358		10811	3604		1362	
	6539		214			4968		211		
	6325		214			4757		214		
	6111		428	9		4543		425		
5	18975	6325		1786		14268	4756		1787	
		30219					21773			

F.B. 1378 PG. 55

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:40 to 10:2[illegible] Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-102 To B.M. 11-101
Date 4-1-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.638	3.219	215	1.786		5.629	2.173	212	1.787	
	4.423		213			5.417		215		
	4.210		428			5.202		427		
6	13.271	4.424		2.2[illegible]4		16.248	5.[illegible]16		2.214	
	6.428		213			3.658		216		
	6.215		212			3.442		212		
	6.003		425			3.230		428		
7	18.646	6.215		2.639		10.330	3.443		2.642	
	7.225		214			1.988		211		
	7.011		211			1.777		212		
	6.800		425			1.565		423		
8	21.036	7.012		3.064		5.330	1.777		3.065	
	9.123		213			6.430		215		
	8.910		211			1.215		213		
	8.699		424			1.002		428		
9	26.732	8.911		3.488		3.647	1.216		3.493	
	8.893		212			3.493		213		
	8.681		213			3.280		211		
	8.468		425			3.069		424		
10	26.042	8.681		3.913		9.842	3.[illegible]81		3.917	
		65.462					36.[illegible]06			

F.B. 1378 PG. 100

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:40 TO 10:30 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-102 To B.M. 11-101
Date 4-1-52
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4886	65.462	213	3.943 2		6848	36.906	211	3.917	
	4673		213			6637		213		
	4460		426	4		6424		424		
11	14019	4.673		4.339		19909	6.636		4.341	
	3581		229			8325		225		B.M. 11-101 (W.S. 1177)
	3352		225			8100		225		SEE F.B. 1376 PG. 90
	3127		454	80		7875		450		FOR DESCRIPTION
12	10060	3.353		4.793	70°	24300	8.100		4.791	
										SUMMATION OF RUN B.M. 11-102 TO B.M. 11-101
										TOTAL BACKSIGHTS + 73.488
										TOTAL FORESIGHTS − 51.642
										DIFF IN ELEVATION + 21.846
		73.488					51.642			

F.B. 1378 PG. 101

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN 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. 1328 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 H. F. NAUMANN Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:35-3:35 p.m. Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-102 To BM 11-103
Date 3-31-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5971		214		#7	5497		214		
	5757		214			5283		212		BM 11-102
	5543		428			5071		426		SEE F.B. 1576-31
1	17271	5.757		.428	62°	15851	5.284		.426	FOR DESCRIPTION
	4427		214			6661		213		
	4213		211			6448		215		T. G. E. DREIER
	4002		425			6233		428		
2	12642	4.214		.853		19342	6.447		.854	
	3148		214			8301		213		
	2934		213			8088		214		
	2721		427			7874		427		
3	8803	2.934		1.280		24263	8.088		1.281	
	2097		215			8460		212		
	1882		212			8248		213		
	1670		427			8035		425		
4	5649	1.883		1.707		24743	8.248		1.706	
	1804		212			7659		212		
	1592		212			7447		213		
	1380		424			7234		425		
5	4776	1.592		2.131		22340	7.447		2.131	
		16.880					35.514			

F.B. 1378 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 H. F. NAUMANN Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:35-3:35 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-102 To BM 11-103
Date 5-31-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4570	16.380	212	2.131		5893	35.514	212	2.131	
	4358		214			5681		212		
	4144		426			5469		424		
6	13072	4.357		2.557		17043	5.681		2.555	
	4952		212			5837		214		
	4740		212			5623		212		
	4528		424			5411		424		
7	14220	4.740		2.981		16871	5.624		2.981	
	4901		212			5900		212		
	4689		212			5688		212		
	4477		424			5476		424		
8.	14067	4.689		3.405		17064	5.688		3.405	
	5091		211			7266		214		
	4880		211			7052		212		
	4669		422			6840		426		
9	14640	4.880		3.827		21158	7.053		3.831	
	2371		212			8207		214		
	2159		213			7993		212		
	1946		425			7781		426		
10.	6476	2.159		4.252		23981	7.994		4.257	
		37.205					67.554			

F.B. 137.8 PG. 104

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:35-3:35 PM Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-102 To B.M. 11-103
Date 3-31-5
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
	2374	37.205	230	4.252		6942	67.554	229	4.257	
	2144		230			6713		225		B.M. 11-103
	1914		460			6488		454		SEE F.B. 1376-9
11	6432	2.144		4.712	62°	20143	6.714		4.711	FOR DESCRIPTION
										SUMMATION OF LEVELS B.M. 11-102 TO B.M. 11-103
										TOTAL BACKSIGHTS + 39.349
										" FORESIGHTS − 74.268
										DIFF. IN ELEVATION − 34.919
		39.349					74.268			

F.B. 1378 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 R. F. NAUMANN 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. 1378 PG. 106										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by S. SHINODA
Weather OVERCAST
Time 8:35 - 9:20 AM
Inst. No. 50010
Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From B.M. 11-103 To B.M. 11-102
Date 3-31-52
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
	6916		228		#7	2342		229		
	6688		228			2113		229		B.M. 11-103
	6469		456			1884		458		SEE F.B. 1376-96
1	20064	6688		456	57°	6339	2113		458	FOR DESCRIPTION
	7821		213			1989		214		
	7608		212			1775		213		T. G. E. DREIER
	7396		425			1562		427		
2	22825	7608		881		5326	1775		885	
	7201		214			5026		213		
	6987		215			4813		212		
	6772		429			4601		425		
3	20960	6987		1310		14440	4813		1310	
	5837		213			4840		211		
	5624		213			4629		210		
	5411		426			4419		421		
4	16872	5624		1736		13888	4629		1731	
	5720		213			4831		212		
	5507		214			4619		211		
	5293		427			4408		423		
5	16520	5507		2163		13858	4619		2154	
		32414					17950			

F.B. 1378 PG. 107

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 8:35-9:20 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-103 To BM 11-102
Date 4-1-52
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
	5857	32.414	214	2163		4533	17.980 29	213	2154	
	5643		213			4320		209		
	5430		427			4111		422		
6	16930	5.643		2590		12964	4.321		2576	
	7340		209			1491		216		
	7131		209			1275		215		
	6922		418			1060		431		
7	21393	7.131		3008		3826	1.275		3007	
	8420		213			2059		215		
	8207		214			1844		213		
	7993		427			1631		428		
8	24620	8.207		3435		5534	1.845		3435	
	8382		213			3224		213		
	8169		212			3011		212		
	7957		425			2799		425		
9	24508	8.169		3860		9034	3.011		3860	
	7192		212			4961		210		
	6980		212			4751		212		
	6768		424			4539		422		
10	20940	6.980		4284		14251	4.750		4282	
		68.544					33.152			

F.B. 1378 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 H. F. NAUMANN Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 8:35-9:20 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-103 To B.M. 11-102
Date 4-1-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5669	68.544	214	4284		6139	33.154	215	4282	
	5455		213			5924		212		B.M. 11-102
	5242		427			5712		427		SEE F.B. 1376-91
11.	16366	5.455		4711	61°	17775	5.925		4709	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 11-103 TO B.M. 11-102
										TOTAL BACKSIGHTS + 73.999
										" FORESIGHTS − 39.076
										DIFF. IN ELEVATION +34.923
		73.999					39.076			

F.B. 1378 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 H. F. NAUMANN 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. 137 PG. 110										

FORM 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:55-1:30 PM Rod No. 7&8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-103 To B.M. 11-105
Date 4-1-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4952		211		#7	5611		213		
	4741		211			5398		214		B.M. 11-103
	4530		422			5184		427		SEE F.B. 1376-92
1	14223	4.741		.422	70°	16193	5.398		.427	FOR DESCRIPTION
	4624		213			6206		215		
	4411		211			5991		211		⊼ G.E. DREIER
	4200		424			5780		426		
2	13235	4.412		.846		17977	5.992		.853	
	4466		213			5910		213		
	4253		211			5697		214		
	4042		424			5483		427		
3	12761	4.254		1.270		17090	5.697		1.280	
	3978		214			5617		212		
	3764		215			5405		212		
	3549		429			5193		424		
4	11291	3.764		1.699		16215	5.405		1.704	
	4075		212			6154		214		
	3863		211			5940		214		
	3652		423			5726		428		
5	11590	3.863		2.122		17820	5.940		2.132	
		21.034					28.432			

F.B. 1378 PG. 111

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by S. SHINODA
Weather CLEAR
Time 10.55 - 1:30 p.m.
Inst. No. 50010
Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-103 To B.M. 11-105
Date 4-1-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4157	21.034	214	2.122		6253	28.432	219	2.132	
	3943		213			6042		211		
	3730		427			5831		422		
6	11830	3.943		2.549		18126	6.042		2.554	
	4201		213			6450		213		
	3988		213			6237		214		
	3775		426			6023		427		
7	11964	3.988		2.975		18710	6.237		2.981	
	3921		212			5851		213		
	3709		211			5638		213		
	3498		423			5425		426		
8	11128	3.709		3.398		16914	5.638		3.407	
	3942		211			5977		212		
	3731		211			5765		213		
	3520		422			5552		425		
9	11193	3.731		3.820		17294	5.765		3.832	
	3871		215			5988		209		
	3656		215			5779		209		
	3441		430			5570		418		
10	10969	3.656		4.250		17337	5.779		4.250	
		40.061					57.893			

F.B. 378 PG. 112

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:55 - 1:30 P.M. Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-103 To B.M. 11-105
Date 4-1-52
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
	4077	40.061	214	4.250		6132	57.893	211	4.250	
	3863		212			5921		212		
	3651		426			5709		423		
11	11591	3.864		4.676		17762	5.921		4.673	
	4352		206			6750		209		
	4146		208			6541		210		1 HOUR FOR LUNCH
	3938		414			6331		419		
12	12436	4.145		5.090	75°	19622	6.541		5.092	
		48.070					70.355			
										BM 11-104 SEE F.B. 1376-73 FOR DESCRIPTION
	5610		211			6159		212		
	5399		211			5947		212		
	5188		422			5735		424		
13	16197	5.399		5.512	80°	17841	5.947		5.516	
	4191		211			5522		210		
	3980		211			5312		210		
	3769		422			5102		420		
14	11940	3.980		5.934		15936	5.312		5.936	
		57.449					81.614			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by J. SHIMODA Time 10:55-1:30 PM Rod No. 785

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-103 To B.M. 11-105
Date 4-1-52
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
	4654	5.449	211	5.934		5569	5.614	213	5.936	
	4443		212			5356		213		
	4231		423			5143		426		
15	13328	4.443		6.357		16068	5.356		6.362	
	5031		210			5670		226		
	4821		210			5444		225		
	4611		420			5219		451		
16	14463	4.821		6.777		16333	5.444		6.813	
	4618		208			5319		204		
	4410		208			5115		202		
	4202		416			4913		406		
17	13230	4.410		7.193		15347	5.116		7.219	
	5218		218			5907		207		
	5000		217			5700		207		
	4783		435			5493		414		
18	15001	5.000		7.628		17100	5.700		7.635	
	4462		211			5030		212		
	4251		211			4818		211		
	4040		422			4607		423		
19	12753	4.251		8.050		14455	4.818		8.056	
		80.374					108.048			

F.B. 137.8 PG. 114

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:55 - 1:30 P.M. Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-103 To B.M. 11-105
Date 4-1-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4511	80.374	236	8050		6298	108.048	235	8.056	
	4275		236			6063		233		B.M. 11-105
	4039		472			5830		468		SEE F.B. 1376-94
20	12825	4275		8522	77°	18191	6.064		8524	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 11-103 TO B.M. 11-105
										TOTAL BACKSIGHTS = 84.649
										" FORESIGHTS = 114.112
										DIFF. IN ELEVATION = -29.463
		84.649					114.112			

F.B. 1378 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 H. F. NAUMANN 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. 1378 PG. 116										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 1:30- Rod No. 7 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-105 To BM 11-103
Date 4-1-52
Indexed K. D. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6222		235			4435		236		
	5987		235			4199		235		BM 11-105
	5752		470			3964		471		SEE F.B. 1376-74
1	17961	5.987		470		12598	4.199		471	FOR DESCRIPTION
	5012		211			4444		212		
	4801		210			4232		211		TGE DREER
	4591		421			4021		423		
2	14404	4.801		891		12697	4.232		894	
	5873		211			5178		211		
	5662		211			4967		210		
	5451		422			4757		421		
3	16986	5.662		1313		14902	4.967		1315	
	5312		201			4612		207		
	5111		201			4405		206		
	4910		402			4199		413		
4	15333	5.111		1715		13216	4.405		1728	
	5643		220			5016		216		
	5423		220			4800		215		
	5203		440			4585		431		
5	16269	5.423		2155		14401	4.800		2159	
		26.984					22.603			

F.B. 1378 PG. 117

FORM [illegible] 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:30 - Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-105 To BM 11-103
Date 4-1-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5660	26.984	212	2155		4749	22.603	211	2159	
	5448		213			4538		211		
	5235		425			4327		422		
6	16343	5.448		2580		13614	4538		2581	
	5649		210			4320		211		
	5439		210			4109		211		
	5229		420			3898		422		
7	16317	5.439		3000		12327	4109		3003	
	6170		212			5623		211		
	5958		213			5412		211		
	5745		425			5201		422		
8	17873	5958		3425		16236	5412		3425	
		43.829					36.662			
										BM 11-104
										SEE F B 1376-93
										FOR DESCRIPTION
	6750		209			4357		209		
	6541		209			4148		208		
	6332		418			3940		417		
9	19623	6541		3843		12445	4148		3842	
		50370					40.810			

F.B. 1378 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 H. F. NAUMANN Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:30-3:00 PM Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-105 To BM 11-103
Date 4-1-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6148	50.370	215	3843		4091	40.810	211	3842	
	5933		212			3880		211		
	5721		427			3669		422		
10	17802	5.934		4270		11640	3.880		4264	
	6101		212			3980		212		
	5889		211			3768		212		
	5678		423			3556		424		
11	17668	5.889		4693		11304	3.768		4688	
	5979		214			3946		213		
	5765		213			3733		212		
	5552		427			3521		425		
12	17296	5.765		5.120		11200	3.733		5.113	
	5865		213			3936		212		
	5652		212			3724		212		
	5440		425			3512		424		
13	16957	5.652		5.545		11172	3.724		5.537	
	6372		212			4128		215		
	6160		212			3913		212		
	5948		424			3701		427		
14	18480	6.160		5.968		11742	3.914		5.964	
		79.770					59.829			

F.B. 1378 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 H. F. NAUMANN Weather CLEAR Inst. No. 59010
Notes by S. SHINODA Time 1:30 - 3:00 p.m. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-105 To BM 11-103
Date 4-1-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6205	79.770	212	5969		4109	59.829	213	5964	
	5993		211			3896		213		
	5782		423			3683		426		
15	17980	5993		6392		11688	3.896		6390	
	6103		215			4023		212		
	5888		216			3811		210		
	5672		431			3601		422		
16	17663	5.888		6823		11435	3.812		6812	
	5630		212			3991		213		
	5418		215			3778		213		
	5203		427			3565		426		
17	16251	5.417		7250		11334	3.778		7238	
	5898		214			4455		212		
	5684		213			4243		213		
	5471		427			4030		425		
18	17053	5684		7.677		12728	4243		7663	
	6164		213			4586		213		
	5951		213			4373		211		
	5738		426			4162		424		
19	17853	5.95		8105		13121	4.374		8087	
		107.703					79.932			

F.B. 378 PG. 120

FORM 278 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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:30-3:00 P.M. Rod No. 758

Name L. A. CO. PRECISE LEVEL NET
Job No. 492
From BM 11-105 To BM 11-105
Date 4-1-52
Indexed R. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5730	108.703	211	8.103		5081	79.932	216	8.087	
	5519		209			4865		214		BM 11-103
	5310		420			4651		430		SEE F.B. 1376-94
10	16559	5.520		8.523	70°	14597	4.866		8.517	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 11-105 TO BM 11-103
										TOTAL BACKSIGHTS + 114.223
										FORESIGHTS − 84.798
										DIFF. IN ELEVATION + 29.425
		114.223					84.798			

F.B. 1378 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 H. F. NAUMANN 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. 1378 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 H. F. NAUMANN Weather OVERCAST Inst. No. 50010
Notes by J. SHINODA Time 8:45-10:10 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 11-105 To BM 11-103
Date 4-2-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7050		235		#7	5266		238		
	6815		233			5028		237		BM 11-105
	6582		468			4791		475		SEE F.B 1376-94
1	20447	6.816		468	85°	15085	5.028		475	FOR DESCRIPTION
	5908		212			5337		212		
	5696		212			5125		211		π G.E. DREIER
	5484		424			4914		423		
2	17088	5.696		892		15376	5.125		898	
	6082		211			5387		211		
	5871		211			5176		211		
	5660		422			4965		422		
3	17613	5.871		1314		15528	5.176		1320	
	5959		212			5238		199		
	5747		211			5039		199		
	5536		423			4840		398		
4	17242	5.747		1737		15117	5.039		1718	
	5888		213			5273		223		
	5675		213			5050		223		
	5462		426			4827		446		
5	17025	5.675		2163		15150	5.050		2164	
		29.805					25.418			

F.B. 1378 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 H. F. NAUMANN Weather OVERCAST Inst. No. 50010
Notes by J. SHINODA Time 8:45-10:10 AM Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-105 To BM-103
Date 4-2-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5988	29.805	213	2163		5073	25.218	210	2164	
	5775		212			4863		211		
	5563		425			4652		424		
6	17326	5.775		2588		14588	4.863		2585	
	6240		210			4910		211		
	6030		210			4699		211		
	5820		420			4488		422		
7	18090	6.030		3008		14097	4.699		3007	
	6372		211			5828		213		
	6161		211			5615		211		
	5950		422			5404		424		
8	18483	6.161		3430		16847	5.616		3431	
		47.771					40.556			
										BM 11-104 SEE F.B. 1376-93 FOR DESCRIPTION
	7181		208			4789		209		
	6973		207			4580		209		
	6766		415			4371		418		
9	20920	6.973		3845		13740	4.580		3849	
		54.744					45.176			

F.B. 1378 PG. 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 H. F. NAUMANN
Notes by S. SHINODA
Weather OVERCAST
Time 8:45-10:10AM
Inst. No. 50010
Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-105 To BM 11-105
Date 4-2-54
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
	6604	5.474	213	3.845		4550	4.176	212	3.849	
	6391		212			4338		212		
	6179		425			4126		424		
10	19174	6.391		4.270		13014	4.338		4.273	
	6658		214			4537		213		
	6444		212			4324		212		
	6232		426			4112		425		
11	19334	6.445		4.696		12973	4.324		4.698	
	6423		212			4390		212		
	6211		211			4178		212		
	6000		423			3966		424		
12	18634	6.211		5.119		12534	4.178		5.122	
	6635		213			4709		213		
	6422		212			4496		213		
	6210		425			4283		426		
13	19267	6.422		5.544		13488	4.496		5.548	
	6722		212			4475		213		
	6510		213			4262		21X2		
	6297		425			4050		42X3		
14	19529	6.510		5.969		12787	4.262		5.972	
		86.723					66.774			

F.B. 1378 PG. 125

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by SHINODA
Weather OVERCAST
Time 8:45-10:10 AM
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-105 To BM 11-103
Date 4-2-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6755	86.723	213	5969		4639	66.774	213	5973	
	6522		211			4426		213		
	6311		424			4213		426		
15	19568	6.523		6393		13278	4.426		6398	
	6708		216			4631		211		
	6492		213			4420		211		
	6279		429			4209		422		
16	19479	6.493		6822		13260	4.420		6828	
	6352		213			4711		212		
	6139		214			4499		211		
	5925		427			4288		423		
17	18416	6.139		7249		13498	4.499		7243	
	6051		212			4611		212		
	5839		211			4399		212		
	5628		423			4187		424		
18	17518	5.839		7672		13197	4.399		7667	
	6144		212			4563		212		
	5932		212			4351		210		
	5720		424			4141		422		
19	17796	5.932		8096		13055	4.352		8089	
		117.649					88.270			

F.B. 1378 PG. 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 H.E. NAUMANN Weather OVERCAST Inst. No. 50010
Notes by S. SHIMODA Time 8:45-10:10AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-105 To BM 11-103
Date 4-2-5
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
	6053	117.649	211	8.096		5403	88.870	213	8.0~~89~~ 90	
	5842		210			5190		213		BM 11-103
	5632		421			4977		426		SEE F.B 1376-72
20.	17527	5.842		8.517	57°	15570	5.190		8.515 6	FOR DESCRIPTION
										SUMMATION OF RUN BM 11-105 TO BM 11-103
										TOTAL BACKSIGHTS + 123.491
										" FORESIGHTS - 94.060
										DIFF. IN ELEVATION + 29.431.
		123.491					94.060			

F.B. 1378 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 ..... 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. 1378 PG. 128

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H.F. NAUMANN Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:15-11:10 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-103 To BM 11-104
Date 4-2-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5397		215		#7	6048		210		
	5182		214			5838		213		BM 11-103
	4968		429			5625		423		SEE F.B. 1376-92
1	15547	5.182		.429	58°	17511	5.837		.423	FOR DESCRIPTION
	4560		211			6139		215		
	4349		214			5924		213		π E. LANDA
	4138		422			5711		428		
2	13047	4.349		.851		17774	5.925		.851	
	4745		215			6185		214		
	4530		212			5971		212		
	4318		427			5759		426		
3	13593	4.531		1.278		17915	5.972		1.277	
	4542		214			6181		214		
	4328		213			5967		214		
	4115		427			5753		428		
4	12985	4.328		1.705		17901	5.967		1.705	
	4422		212			6500		217		
	4210		210			6283		213		
	4000		422			6070		430		
5	12632	4.211		2.127		18853	6.284		2.135	
		22.601					29.985			

F.B. 1378 PG. 125

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN Weather OVERCAST Inst. No. 50010
Notes by S. SHIMODA Time 10:15-11:10AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-103 To BM 11-104
Date 4-2-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4469	2.260	214	2.127		6560	2.985	211	2.135	
	4255		212			6349		213		
	4043		426			6136		424		
6	12767	4.256		2.553		19045	6.348		2.559	
	4094		214			6342		212		
	3880		210			6130		212		
	3670		424			5918		424		
7	11644	3.881		2.977		18390	6.130		2.983	
	4220		212			6149		215		
	4008		213			5934		212		
	3795		425			5722		427		
8	12023	4.008		3.402		17805	5.935		3.410	
	4339		213			6374		214		
	4126		212			6160		212		
	3914		425			5948		426		
9	12379	4.126		3.827		18482	6.161		3.836	
	4302		212			6423		212		
	4090		211			6211		211		
	3879		423			6000		423		
10	12271	4.090		4.250		18634	6.211		4.259	
		42.962					60.770			

F.B. 137.8 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 H. F. NAUMANN Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:15 - 11:10 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-103 To BM 11-104
Date 4-2-5
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4362	42.962	212	4.250		6421	60.770	213	4.259	
	4150		211			6208		213		
	3939		423			5995		426		
11	12451	4.150		4.673		18624	6.208		4.685	
	4538		212			6925		205		
	4326		211			6720		208		BM 11-104
	4115		423			6512		413		SEE F.B. 1376-92
12	12979	4.326		5.096	62°	20157	6.719		5.098	FOR DESCRIPTION
										SUMMATION OF RUN BM 11-103 TO BM 11-104
										TOTAL BACKSIGHTS + 51.438
										" FORESIGHTS - 73.697
										DIFF. IN ELEVATION - 22.259
		51.438					73.697			

F.B. 1378 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 ..... 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. V 37 P PG. 132										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by C. E. DREIER
Weather HAZY
Time 11:40 : 2:00
Inst. No. 50010
Rod No. 708

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-105 To B.M. 11-108
Date 4-2-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5648		212		#7	6239		211		
	5436		214			6028		208		B.M. 11-105
	5222		426			5820		419		SEE F.B. 1376-94
1	16306	5435		426	66°	18087	6029		419	FOR DESCRIPTION
	4158		215			6149		212		
	3943		211			5937		215		A. E. LANDA
	3732		426			5722		427		
2	11833	3944		852		17808	5936		846	
	4287		212			6372		212		
	4075		213			6160		213		
	3862		425			5947		425		
3	12224	4075		1277		18479	6160		1271	
	4270		210			5948		213		
	4060		212			5735		213		
	3848		422			5522		426		
4	12178	4059		1699		17205	5735		1697	STOPPED 12:00 TO 1:00
	4840		213			5878		213		
	4627		209			5665		210		
	4416		422			5455		423		
5	13885	4628		2121		16998	5666		2120	
		22141					29526			

F.B. 1378 PG. 133

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: H. F. NAUMANN
Notes by: G. E. DREIER
Weather: HAZY
Time: 11:40 TO 2:00
Inst. No.: 50010
Rod No.: 788

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 4923
From: B.M. 11-105 To: B.M. 11-108
Date: 4-2-52
Indexed: R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.771	22141	211	2121		5918	29526	215	2120	
	4560		211			5703		211		
	4349		422			5492		426		
6	13680	4560		2543		17113	5704		2546	
	4846		213			5992		213		
	4633		210			5779		210		
	4423		423			5569		423		
7	13902	4634		2966		17340	5780		2969	
	4870		180			5860		180		
	4690		180			5680		180		
	4500		360			5500		360		
8	14070	4690		3326		17040	5680		3329	
	4850		183			6100		181		
	4667		182			5919		179		
	4485		365			5740		360		
9	14002	4667		3691		17759	5920		3689	
										B.M. 11-106 SEE F.B. 1376-95 FOR DESCRIPTION
		49 36692					52610			

F.B. 1378 PG. 134

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by G. E. DREIER
Weather HAZY
Time 11:40 TO 2:00
Inst. No. 50010
Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4929
From B.M. 11-105 To B.M. 11-108
Date 4-2-52
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7100	40.692	172	3.691		4361	52.610	171	3.689	
	6928		169			4190		172		
	6759		341			4018		343		
10	20787	6.929		4.032		12569	4.190		4.032	
	6168		175			4451		178		
	5993		175			4282		174		
	5818		350			4108		352		
11	17979	5.993		4.382		12847	4.282		4.383	
	6338		215			6268		213		
	6123		211			6055		213		
	5912		426			5842		426		
12	18373	6.124		4.808		18165	6.055		4.809	
	3987		214			6980		212		
	3773		213			6768		212		
	3560		427			6556		424		
13	11320	3.773		5.235		20304	6.768		5.233	
	3978		215			7678		215		
	3763		211			7463		211		
	3552		426			7252		426		
14	11293	3.764		5.661		22393	7.464		5.659	
		67.275					81.369			

F.B. 1378 PG. 135

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party N. F. NAUMANN
Notes by G. E. DREIER
Weather HAZY
Time 11.40 TO 2:00
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-105 To B.M. 11-108
Date 4-2-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		67.275		5.661			81.369		5.658	B.M. 11-107 SEE F.B. 1376-96 FOR DESCRIPTION
	5472		085			6357		044		
	5427		044			6313		041		B.M. 11-108 (U.S. 1183) SEE F.B. 1376-96 FOR DESCRIPTION
	5383		089			6272		085		
16	16.282	5.427		5.750	70°	18.942	6.314		5.744	
										SUMMATION OF RUN B.M. 11-105 TO B.M. 11-108
F.B. 1378 PG. 136										TOTAL BACKSIGHTS + 72.702
										TOTAL FORE SIGHTS − 87.683
										DIFF IN ELEVATION − 14.981
		72.702					87.683			

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 H. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:00-2:55 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVELING
Job No. 4923
From BM 11-108 To BM 11-105
Date 4-2-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6293		042		#7	5407		044		
	6251		043			5363		045		BM 11-108 (U.S. 1183)
	6208		085			5318		089		SEE F.B. 1376-96
1	18752	6.251		.085	70°	16088	5.363		.089	FOR DESCRIPTION
										BM 11-107
										SEE F.B. 1376-96
										FOR DESCRIPTION
	7445		213			3751		213		
	7232		211			3538		215		
	7021		424			3323		428		
2	21678	7.233		.509		10612	3.537		.517	
	6659		212			3863		213		
	6647		213			3650		213		
	6434		425			3437		426		
3	19940	6.647		.934		10950	3.650		.943	
	6473		211			6544		213		
	6262		211			6331		212		
	6051		422			6119		425		
4	18786	6.262		.1356		18994	6.331		.1368	
		26.393					18.881			

F.B. 1378 PG. 137

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party H. F. NAUMANN
Notes by J. SHINODA
Weather CLEAR
Time 2:00-2:55 PM
Inst. No. 50010
Rod No. 738

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-108 To BM 11-105
Date 4-2-52
Indexed R. C. Johnson

Number of Section	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
	5744	26.393	174	1356		7454	18881	174	1368	
	5570		176			7280		174		
	5391		350			7106		348		
5	16708	5.569		1706		21840	7.280		1716	
	4633		171			7375		170		
	4462		173			7205		172		
	4289		344			7033		342		
6	13384	4461		2050		21613	7.204		2058	
		36.423					33.565			
										BM 11-106
										SEE F.B. 1376-95
										FOR DESCRIPTION
	6363		180			5110		181		
	6183		179			4929		180		
	6004		359			4749		361		
7	18550	6.183		2409		14788	4.929		2419	
	6087		180			5100		180		
	5907		179			4920		180		
	5728		359			4740		360		
8	17722	5.907		2768		14760	4.920		2779	
		48.515					43.214			

F.B. 375 PG. 138

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 H. F. NAUMANN
Notes by S. SHINODA
Weather CLEAR
Time 2:00-2:55 PM
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-198 To BM 11-195
Date 4-2-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6142	48.513	210	2.768		4997	43.214	212	2.779	
	5932		210			4785		211		
	5722		420			4574		423		
9	17796	5.932		3188		14356	4.785		3.202	
	5770		210			4626		213		
	5560		209			4413		211		
	5351		419			4202		424		
10	16681	5.560		3607		13241	4.414		3.626	
	6123		211			5084		212		
	5912		211			4872		210		
	5701		422			4662		422		
11	17736	5.912		4029		14618	4.873		4.045	
	6063		216			4375		207		
	5847		217			4168		208		
	5630		433			3960		415		
12	17540	5.847		4462		12503	4.168		4.463	
	6662		212			4573		210		
	6450		212			4363		210		
	6238		424			4153		420		
13	19350	6.450		4886		13089	4.363		4.883	
		78.214					65.817			

F.B. 1378 PG. 137

FORM 379 5M 7-40

PLEASE RETURN TO:
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party B. F. NAUMANN Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:00-2:55 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-108 To BM 11-105
Date 4-2-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6619	78.214	214	4.886		4624	65.817	211	4.883	
	6405		213			4413		211		
	6192		427			4202		422		
14	19216	6.405		5.313		13239	4.413		5.305	
	6253		207			5642		212		
	6026		208			5430		212		BM 11-105
	5818		415			5218		424		SEE F.B 1376-94
15	18077	6.026		5.728	69°	16290	5.430		5.729	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 11-108 TO BM 11-105
										TOTAL BACKSIGHTS + 90.645
										" FORESIGHTS − 75.660
										DIFF. IN ELEVATION + 14.985
		90.645					75.660			

F.B. 1378 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 CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:45 TO 9:30 Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-108 To BM 11-110
Date 4-4-52
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.612		212		#7	6.121		213		
	5.400		211			5.908		210		BM 11-108 (U.S. 1183)
	5.189		423			5.698		423		SEE F.B. 1376 96
1	16.201	5.400		423	75°	17.727	5.909		423	FOR DESCRIPTION
	4739		177			6.003		177		
	4562		176			5.826		178		T. E. LANDA
	4386		353			5648		355		
2	13.687	4.562		776		17.477	5.826		778	
	4589		178			5882		179		
	4411		179			5.703		175		
	4.232		357			5528		354		
3	13.232	4.411		1.133		17.113	5.704		1.132	
	4725		180			6175		181		
	4.545		180			5.994		179		
	4365		360			5.815		360		
4	13.635	4.545		1.493		17.984	5.995		1.492	
	4570		212			6109		214		
	4358		215			5.895		212		
	4143		427			5.683		426		
5	13.071	4.357		1.920		17.687	5.896		1.918	
		23.275					29.330			

F.B. 1378 PG. 141

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 8:45 TO 9:30 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-108 To BM 11-110
Date 4-4-53 E. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.568	23.275	214	1.920		6.172	29.330	212	1.918	
	4.354		211			5.960		212		
	4.143		425			5.748		424		
6	13.065	4.355		2.345		17.880	5.960		2.342	SUMMATION OF RUN
	4.581		211			6.172		212		B.M. 11-108 TO B.M. 11-110
	4.370		211			5.960		210		
	4.159		422			5.750		422		TOTAL BACKSIGHTS + 42.191
7	13.110	4.370		2.767		17.882	5.961		2.764	TOTAL FORESIGHTS - 54.949
	3.845		214			8.080		213		DIFF IN ELEVATION - 12.758
	3.631		212			7.867		209		
	3.419		426			7.658		422		
8	10.895	3.632		3.193		23.605	7.868		3.186	
		35.632					49.119			B.M. 11-109
										SEE F.B. 1376-97
										FOR DESCRIPTION
	6.625		066			5.892		062		
	6.559		066			5.830		063		B.M. 11-110 (U.S. 1184)
	6.493		132			5.767		125		SEE F.B. 1376-97
9	19.677	6.559		3.325	80°	17.489	5.830		3.311	FOR DESCRIPTION
		42.191					54.949			

F.B. 1378 PG. 142

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 10:15 Rod No. 788

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-110 To BM 11-108
Date 4-4-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.912		064		77	6.641		064		
	5.848		065			6.577		065		B.M. 11-110 (4 S. 1.54)
	5.783		129			6.512		129		SEE F.B. 1376-97
1	17.543	5.848		129	80°	19.730	6.577		129	FOR DESCRIPTION
										T. E. LANDA
										B.M. 11-109
										SEE F.B. 1376-97
										FOR DESCRIPTION
	8.083		212			3.850		212		
	7.871		210			3.638		213		
	7.661		422			3.425		425		
2	23.615	7.872		554		10.913	3.638		554	
	6.270		210			4.680		212		
	6.060		210			4.468		213		
	5.850		420			4.255		425		
3	18.180	6.060		971		13.403	4.468		979	
	6.179		212			4.575		212		
	5.967		212			4.363		211		
	5.755		424			4.152		423		
4	17.901	5.967		1.395		13.090	4.363		1.402	
		25.747					19.046			

F.B. 1378 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. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:15 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-110 To B.M. 11-108
Date 4-4-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6122	25.747	213	1395		4580	[illegible]	215	1402	
	5909		210			4365		213		
	5699		423			4152		428		
5	17730	5.910		1818		13097	4.366		1830	
	6035		181			4588		180		
	5854		179			4408		181		
	5675		360			4227		361		
6	17564	5.855		2178		13223	4.408		2191	
	6014		182			4710		176		
	5832		181			4534		174		SUMMATION OF RUN
	5651		363			4360		350		B.M. 11-110 TO B.M. 11-108
7	17497	5.830		2541		13604	4.535		2541	
	5960		178			4697		177		TOTAL BACKSIGHTS + 55.161
	5782		179			4520		179		TOTAL FORESIGHTS − 42.395
	5603		357			4341		356		DIFF. IN ELEVATION + 12.766
8	17345	5.782		2898		13558	4.519		2897	
	6248		214			5732		212		
	6034		211			5520		210		B.M. 11-108 (W.S. 1183)
	5823		425			5310		422		SEE F.B. 1376-96
9	18105	6.035		3323	80°	16562	5.521		3319	FOR DESCRIPTION
		55.161					42.395			

F.B. 1378 PG. 144

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50-11:40AM Rod No. 768

Name L.A. CO. CLOSE LEVEL NET
Job No. 4923
From B.M. 11-110 To B.M. 11-111
Date 4-4-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4476		165		#7	7439		201		
	4311		164			7238		200		B.M. 11-110 (C.S. 1184)
	4147		329			7038		401		SEE F.B. 1276-97
1	12934	4311		.329	80°	21715	7.238		.401	FOR DESCRIPTION
	3848		211			6328		185		
	3637		210			6143		182		π G.E. DREIER
	3427		421			5961		367		
2	10912	3.637		.750		18432	6.144		.768	
	5082		193			6018		196		
	4889		194			5822		194		
	4695		387			5628		390		
3	14666	4889		1.137		17468	5.823		1.158	
	4732		219			6055		208		
	4513		218			5847		208		
	4295		437			5639		416		
4	13540	4513		1.574		17541	5.847		1.574	
	4965		213			5681		212		
	4752		212			5469		210		
	4540		425			5259		422		
5	14257	4.752		1.997		16409	5.470		1.996	
		22.102					30.522			

F.B. 1379 PG. 1445

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50-11:40 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-110 To BM 11-111
Date 4-4-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4932	22.102	212	1.999		6130	30.722	213	1.996	
	4720		213			5917		215		
	4507		425			5702		428		
6	14159	4.720		2.424		17749	5.916		2.424	
	4897		213			5850		214		
	4684		212			5636		214		
	4472		425			5422		428		
7	14053	4.684		2.849		16908	5.636		2.852	
	4859		211			6350		212		
	4648		215			6138		213		
	4433		426			5925		425		
8	13940	4.647		3.275		18413	6.138		3.277	
	4622		214			6361		210		
	4408		216			6151		209		
	4192		430			5942		419		
9	13222	4.407		3.705		18454	6.151		5.696	
	4303		212			5948		215		
	4091		212			5733		212		
	3879		424			5521		427		
10	12273	4.091		4.129		17202	5.734		4.123	
		44.651					60.397			

F.B. 1378 PG. 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50-11:40 AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-110 To B.M. 11-111
Date 4-4-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4419	44.651	215	4.129		6041	60.097	211	4.123	
	4204		214			5830		210		
	3990		429			5620		421		
11	12613	4204		4558		17491	5.830		4544	
	4554		212			7040		212		
	4342		213			6828		211		B.M. 11-111
	4129		425			6617		423		SEE F.B. 1376 & 98
12	13025	4342		4983	88°	20485	6828		4967	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 11-110 TO B.M. 11-111
										TOTAL BACKSIGHTS +53.197
										" FORESIGHTS -72.755
										DIFF. IN ELEVATION -19.558
		53.197					72.755			

F.B. 1375 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 ..... 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. 1378 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 G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:40-1:45 PM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-111 To BM 11-110
Date 4-4-52
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
	6972		210		#7	4487		214		
	6762		212			4273		212		BM 11-111
	6550		422			4061		426		SEE F.B. 1376-98
1	20284	6.761		.422	88°	12821	4.274		.426	FOR DESCRIPTION
	6066		212			4444		215		
	5854		210			4229		214		TO G.E. DREIER
	5644		422			4015		429		
2	17564	5.855		.844		12688	4.229		.855	
	5997		214			4352		212		
	5783		212			4140		212		
	5571		426			3928		424		
3	17351	5.784		1.270		12420	4.140		1.279	
	6363		212			4619		211		
	6151		212			4408		211		
	5939		424			4197		422		
4	18453	6.151		1.694		13224	4.408		1.701	
	6110		211			4621		210		
	5899		211			4411		211		
	5688		422			4200		421		
5	17697	5.899		2.116		13232	4.411		2.122	
		30.450					21.462			

F.B. 1376 PG. 149

FORM 379 EM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:40-1:45PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-111 To BM 11-110
Date 4-4-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5842	30458	214	2116		4890	21462	211	2122	
	5628		213			4679		212		
	5415		427			4467		423		
	16885	5628		2543		14036	4679		2545	
	5872		213			4676		214		
	5659		212			4462		212		ONE HOUR FOR LUNCH
	5447		425			4250		426		
7	16978	5659		2968	88°	13388	4463		2971	
	5623		212			4910		211		
	5411		211			4699		211		
	5200		423			4488		422		
8	16234	5411		3391	87°	14097	4699		3395	
	5707		212			4375		213		
	5495		213			4162		212		
	5282		425			3950		425		
9	16484	5495		3816		12487	4162		3818	
	5982		195			5043		195		
	5787		195			4848		194		
	5592		390			4654		389		
10	17361	5787		4206		14545	4848		4207	
		58430					44313			

F.B. 1378 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 G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:40-1:45PM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-111 To BM 11-110
Date 4-4-52
Indexed R. 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
	6088	58.430	198	4206		3582	44.313	197	4.207	
	5890		198			3385		196		
	5692		396			3189		393		
11	17670	5.890		4602		10156	3.385		4.600	
	7042		178			4112		174		BM 11-110 (U.S. 1184)
	6864		177			3938		177		SEE F.B. 1376-77
	6687		355			3761		351		FOR DESCRIPTION
12.	10593	6.864		4957	87°	11811	3.937		4.951	
										SUMMATION OF RUN
										BM 11-111 TO BM 11-110
										TOTAL BACKSIGHTS 71.184
										" FORESIGHTS 51.635
										DIFF. IN ELEVATION 19.549
		71.184					51.635			

F.B. 1228 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 ..... 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. 1378 PG. 152

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 2:10 TO 3:30 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-111 To BM 11-114
Date 4-4-5
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
	4.293		211		#7	7.076		213		
	4.082		207			6.863		212		B.M. 11-111
	3.873		420			6.651		425		SEE F.B. 1370-98
1	12.248	4.083		420	87°	20.590	6.863		425	FOR DESCRIPTION
	3.852		203			6.064		203		
	3.649		200			5.861		203		T. E. LANDA
	3.449		403			5.658		406		
2	10.950	3.650		823		17.583	5.861		831	
	4.778		202			5.792		203		
	4.576		201			5.589		201		
	4.375		403			5.388		404		
3	13.729	4.576		1.226		16.769	5.590		1235	
	4.890		186			5.782		184		
	4.704		183			5.598		186		
	4.521		369			5.412		370		
4	14.115	4.705		1.595		16.792	5.597		1.605	
	4.810		213			5.603		213		
	4.597		215			5.390		212		
	4.382		428			5.178		425		
5	13.789	4.596		2.023		16.171	5.390		2.030	
		21.610					29.301			

F.B. 1378 PG. 153

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:10 TO Rod No. 7 & 8

Name L. A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-111 To B.M. 11-114
Date 4-4-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.625	21.610	214	2.023		6.080	29.701	213	2.030	
	4.411		211			5.867		214		
	4.200		425			5.653		427		
6	13.236	4.412		2.448		17.600	5.867		2.457	
	4.848		215			6.672		212		
	4.633		211			6.460		210		
	4.422		426			6.250		422		
7	13.903	4.634		2.874		19.382	6.461		2.879	
	5.698		215			5.788		213		
	5.483		211			5.575		213		
	5.272		426			5.362		426		
8	16.453	5.484		3.300		16.725	5.575		3.305	
	4.490		101			3.877		093		
	4.389		103			3.784		091		
	4.286		204			3.693		184		
9	13.165	4.388		3.504		11.354	3.785		3.489	
										B.M. 11-112 U.S. 316
										SEE F.B. 1376-99
										FOR DESCRIPTION
		40.528					50.099			

F.B. 1378 PG. 154

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER
Notes by G.E. DREIER
Weather CLEAR
Time 2:10 TO 3:30
Inst. No. 50010
Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-111 To B.M. 11-114
Date 4-4-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.718	40.528	080	3.504		5.261	50.989	081	3.489	
	3.638		080			5.180		079		
	3.558		160			5.101		160		
10	10.914	3.638		3.664		15.542	5.181		3.649	
	4.850		133			5.190		138		
	4.717		131			5.052		135		
	4.586		264			4.917		273		
11	14.153	4.718		3.928		15.159	5.053		3.922	
	5.226		215			5.928		210		
	5.011		211			5.718		213		
	4.800		426			5.505		423		
12	15.037	5.012		4.354		17.151	5.717		4.345	
	4.583		213			5.033		208		
	4.370		211			4.825		207		
	4.159		424			4.618		415		STOPPED 3:30 PM 4-4-52
13	13.112	4.371		4.778	88°	14.476	4.825		4.760	
							4.902			BM. 11-113 (U.S. 315) SEE F.B. 1376-100 FOR DESCRIPTION
		58.267					71.765			

F.B. 1378 PG. 155

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 8:35-8:55 AM Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-111 To B.M. 11-114
Date 4-7-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3691	58.267	182	4.778		6277	71.765	186	4.760	
	3509		180			6091		183		
	3329		362			5908		369		
14	10.529	3.510		5.140	60°	18276	6.092		5.129	
	3922		220			6326		221		
	3702		221			6105		220		SUMMATION OF RUN
	3521		441			5885		44		B.M. 11-111 TO B.M. 11-114
15	11.225	3.742		5.581		18316	6.105		5.570	
	4454		147			5349		148		
	4307		147			5201		149		TOTAL BACKSIGHTS +74.619
	4160		294			5052		297		" FORESIGHTS -94.943
16	12.921	4.307		5.875		15602	5.201		5.867	DIFF. IN ELEVATION -20.324
	4940		148			5928		148		
	4792		144			5780		148		B.M. 11-114
	4648		292			5632		296		SEE F.B. 1376-101
17	14380	4.793		6.167	62°	17340	5.780		6.163	FOR DESCRIPTION
		74.619					94.943			

F.B. 1378 PG. 156

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:00 - 10:15 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-114 To BM 11-112
Date 4-7-52
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
	5948		148		#7	4952		146		
	5800		147			4806		146		BM 11-114
	5653		295			4660		292		SEE F.B. 1376-101
1	17401	5.800		295	62°	14418	4.806		292	FOR DESCRIPTION
	5408		148			4515		148		
	5260		149			4367		147		T. E. LANDA
	5111		297			4220		295		
2	15779	5.260		592		13102	4.367		587	
	6335		221			3968		223		
	6114		220			3745		219		
	5894		441			3526		442		
3	18343	6.114		1033		11239	3.746		1029	
	5761		185			3173		178		
	5576		186			2995		177		
	5390		371			2818		355		
4	16727	5.576		1404		8986	2.995		1384	
										BM 11-113 (US 315).
										SEE F.B. 1376-100
										FOR DESCRIPTION
		22.750					15.914			

F.B. 1378 PG. 157

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J. SHINODA Time 9:00-10:15AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-111 To BM 11-114
Date 4-7-52
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5012	22.750	207	1.404		4570	15.914	212	1.384	
	4805		205			4358		215		
	4600		412			4143		427		
5	14417	4.806		1.816		13071	4.357		1.811	
	5931		211			5230		213		
	5720		210			5017		213		
	5510		421			4804		426		
6	17161	5.720		2.237		15051	5.017		2.237	
	5150		136			4809		136		
	5014		134			4673		132		
	4880		270			4541		268		
7	15044	5.015		2.507		14023	4.674		2.505	
	5264		081			3721		080		
	5183		080			3641		081		
	5103		161			3560		161		
8	15550	5.183		2.668		10922	3.641		2.666	
										B.M. 11-112 (U.S. 316) SEE F.B. 1376-99 FOR DESCRIPTION
		43.474					33.603			

F.B. 1378 PG. 158

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:00- Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4523
From BM 11-114 To BM 11-111
Date 4-7-52
Indexed E. 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
	4029	43.474	095	2.668		4640	33.603	104	2.666	
	3934		094			4536		103		
	3840		189			4433		207		
9.	11803	3.934		2.857		13609	4.536		2.873	
	5198		213			5108		214		
	4985		213			4894		212		
	4772		426			4682		426		
10.	14955	4.985		3.283		14684	4.895		3.299	
	6800		211			4978		215		
	6589		211			4763		211		
	6378		422			4552		426		
11	19767	6.589		3.705		14293	4.764		3.725	
	6262		219			4799		208		
	6043		216			4591		206		
	5827		435			4385		414		
12.	18132	6.044		4.140		13775	4.592		4.139	
	5742		214			4946		216		
	5528		213			4730		213		
	5315		427			4517		429		
13.	16585	5.528		4.567		14193	4.731		4.568	
		70.554					57.121			

F.B. 1275 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
Notes by S. SHINODA
Weather OVERCAST
Time 9:00-10:15 AM
Inst. No. 50010
Rod No. 7 & 8

Name L.A. CO. PALOUSE LEVEL NET
Job No. 4923
From B.M. 11-114 To B.M. 11-111
Date 4-7-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5762	70554	186	4567		4870	57121	185	4568	
	5576		186			4685		185		
	5390		372			4500		370		
14	16728	5576		4939		14055	4685		4938	
	5988		206			4969		201		
	5782		202			4768		200		SUMMATION OF RUN
	5580		408			4568		401		BM 11-114 TO BM 11-111
15	17350	5783		5347		14305	4768		5339	
	6077		202			3870		201		
	5875		205			3669		199		TOTAL BACKSIGHTS + 94.587
	5670		407			3470		400		" FORESIGHTS − 74.261
16	17622	5874		5754		11009	3679		5739	DIFF. IN ELEVATION + 20.326
	7012		212			4227		211		
	6800		212			4016		208		BM 11-111
	6588		424			3808		419		SEE F.B. 1376-98
17	20400	6800		6178	61°	12051	4017		6158	FOR DESCRIPTION
		94587					74261			

F.B. 1378 PG. 160

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:40-10:55 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-113 To BM 11-114
Date 4-7-53
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
	3178		181		#7	5762		183		BM 11-113 (US 315)
	2997		179			5579		185		SEE F.B. 1376-100
	2818		360			5394		368		FOR DESCRIPTION
1	8993	2998		360	62°	16735	5578		368	
	4512		222			6880		221		R. E. LANDA
	4290		221			6659		219		SUMMATION OF RUN
	4069		443			6440		440		BM 11-113 TO BM 11-114
2	12871	4290		805		19979	6660		808	
	4422		149			5318		149		
	4273		145			5169		148		TOTAL BACKSIGHTS +16.279
	4128		294			5021		297		" FORESIGHTS -23.119
3	12823	4274		1097		15508	5169		1105	DIFF. IN ELEVATION -6.840
	4862		144			5860		149		
	4718		148			5711		145		BM 11-114
	4570		292			5566		294		SEE F.B. 1376-101
4	14150	4717		1389	62°	17137	5712		1399	FOR DESCRIPTION
		16.279					23.119			

F.B. 1376 PG. 161

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 1378 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 CLEAR Inst. No. 50010
Notes by J. SHINODA Time 8:35-9:35AM Rod No. 778

Name L. A. CO. [illegible] LEVEL NET
Job No. 4923
From B.M. 11-114 To B.M. 11-115
Date 4-8-5[illegible]
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
	6593		178		#7	9020		174		
	6415		177			8846		176		BM 11-114
	6238		355			8670		350		SEE F.B. 1376-101
1	19246	6415		355	64°	26536	8845		350	FOR DESCRIPTION
	4738		208			6577		215		
	4530		208			6362		212		π E. LANDA
	4322		416			6150		427		
2	13590	4530		771		19089	6363		772	
	4488		213			6598		216		
	4275		211			6382		213		
	4064		424			6169		429		
3	12827	4276		1195		19149	6383		1206	
	4358		216			6380		211		
	4142		213			6169		209		
	3929		429			5960		480		
4	12429	4143		1624		18509	6170	2 2	1686	
	4265		211			5988		213		
	4054		209			5775		214		
	3845		420			5561		427		
5	12164	4054		2044		17324	5775	5	2063	
		23419					33556			

F.B. 1376 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
Notes by S. SHINODA
Weather CLEAR
Time 8:35-9:35 4-7
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-114 To BM 11-115
Date 4-8-52
Indexed R. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4815	23.419	213	2.044		5728	5.536	212	2.083	
	4602		210			5516		215		
	4372		428			5301		427		
6	13859	4.603		2.467		16545	5.515		2.490	
	4843		218			5472		204		
	4625		215			5268		206		
	4410		433			5062		410		
7	13878	4.626		2.900		15802	5.267		2.889	
	4949		214			5810		212		
	4735		213			5598		210		
	4522		427			5388		422		
8	14206	4.735		3.327		16796	5.599		3.322	
	4793		213			5448		211		
	4580		212			5237		214		
	4368		425			5023		425		
9	13741	4.580		3.752		15708	5.236		3.787	
	5164		211			5565		204		
	4953		213			5361		203		
	4740		424			5158		407		
10	14857	4.952		4.176		16084	5.361		4.154	
		46.915					60.514			

F.B. 1378 PG. 164

FORM 379 .5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:35-9:35 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-114 To BM 11-115
Date 4-8-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4780	46.915	205	417		6172	60.514	204	4.154	
	4575		205			5968		207		BM 11-115
	4370		410			5761		411		SEE F.B. 1376-102
11	13725	4.575		4.586	64°	17901	5.967		4.565	FOR DESCRIPTION
										SUMMATION OF RUN BM 11-114 TO BM 11-115
										TOTAL BACKSIGHTS + 51.490
										" FORESIGHTS − 66.481
										DIFF. IN ELEVATION − 14.991
		51.490					66.481			

F.B. 1378 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 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. 378 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 CLOUDY Inst. No. 50010
Notes by S. SHINODA Time 9:35-10:25AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-115 To BM 11-114
Date 4-8-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6146		206		#7	4752		204		
	5940		205			4548		206		BM 11-115
	5735		411			4342		410		SEE F.B. 376-102
1	17821	5.940		411	64°	13642	4.547		410	FOR DESCRIPTION
	5550		205			5149		214		
	5345		203			4935		213		⊼ E. LANDA
	5142		408			4722		427		
2	16037	5.346		819		14806	4.935		837	
	5369		217			4705		207		
	5152		214			4498		210		
	4938		431			4288		417		
3	15459	5.153		1250		13491	4.497		1254	
	5703		212			4840		213		
	5491		211			4627		215		
	5280		423			4412		428		
4	16474	5.491		1673		13879	4.626		1682	
	5735		212			5089		211		
	5523		211			4878		213		
	5312		423			4665		424		
5.	16570	5.523		2096		14632	4.877		2.106	
		27.453					23.482			

F.B. 1778 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 Inst. No. 50010
Notes by S. SHINODA Time 9:35-10:25 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-115 To BM 11-114
Date 4-8-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5573	27.453	214	2.096		4678	22.482	214	2.106	
	5379		215			4464		211		
	5164		429			4253		425		
6	16136	5.379		2.525		13395	4.465		2.531	
	6051		213			4322		212		
	5838		215			4110		210		
	5623		428			3900		422		
7	17512	5.837		2.953		12332	4.111		2.953	
	6022		214			4000		213		
	5808		210			3787		214		
	5598		424			3573		427		
8	17428	5.809		3.377		11360	3.787		3.380	
	6189		212			4083		212		
	5977		214			3871		209		
	5763		426			3662		421		
9	17929	5.976		3.803		11616	3.872		3.801	
	6488		212			4652		204		
	6276		214			4448		208		
	6062		426			4240		412		
10	18826	6.275		4.229		13340	4.447		4.213	
		56.729					44.164			

F.B. 1378 PG. 168

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 S. SHINODA Time 9:35-10:25AM Rod No. 7&8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 11-115 To BM 11-114
Date 4-8-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9050	56.729	175	4229		6620	44.164	178	4213	
	8875		174			6442		180		BM 11-114
	8701		349			6262		358		SEE F.B. 376-101
11	26626	8.875		4578	67°	19324	6.441		4571	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 11-115 TO BM 11-114
										TOTAL BACKSIGHTS +65.604
										" FORESIGHTS -50.605
										DIFF. IN ELEVATION +14.999
		65.604					50.605			

F.B. 1378 PG. 169

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 1378 PG. 170										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 S. SHINODA Time 10:50 - 11:20 AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-115 To BM 11-116
Date 4-8-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5762		215		#7	5352		214		
	5547		212			5138		214		BM 11-115
	5335		427			4924		428		SEE F.B. 1576-102
1	16644	5548		427	65°	15414	5138		428	FOR DESCRIPTION
	4623		212			5282		215		
	4411		211			5067		215		π G.E. DREIER
	4200		423			4852		430		
2	13234	4411		850		15201	5067		858	
	4899		211			5470		213		
	4688		211			5257		215		
	4477		422			5042		428		
3	14064	4688		1272		15769	5256		1286	
	4852		212			5582		213		
	4640		211			5369		213		
	4429		423			5156		426		
4	13921	4640		1695		16107	5369		1712	
	4948		215			5969		209		
	4733		213			5760		209		
	4520		428			5551		418		
5	14201	4734		2123		17280	5760		2130	
		24.021					26.590			

F.B. 1578 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:50 - 11:2[illegible] AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-115 To BM 11-116
Date 4-8-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4216	24.021	213	2123		6003	26.590	215	2130	
	4003		212			5788		213		
	3791		425			5575		428		
6	12010	4.003		2.548		17366	5.189		2.558	
	4565		216			4920		208		
	4349		216			4712		208		
	4133		432			4504		416		
7	13047	4.349		2.980		14136	4.712		2.974	
	5112		211			4631		214		
	4901		210			4417		212		SUMMATION OF RUN
	4691		421			4205		426		B.M. 11-115 TO B.M. 11-116
8	14704	4.901		3.401		13253	4.418		3.400	
	5193		160			4882		161		
	5033		160			4721		160		TOTAL BACKSIGHTS +47.156
	4873		320			4561		32[illegible]		" FORESIGHTS -51.664
9	15099	5.033		3.721		14164	4.721		3.721	DIFF. IN ELEVATION -4.508
	5009		160			5594		161		
	4849		160			5433		158		B.M. 11-116
	4689		320			5275		319		SEE F.B. 1376-103
10	14547	4.849		4.041	65°	16302	5.434		4.040	FOR DESCRIPTION
		47.156					51.664			

F.B. 378 PG. 172

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 J. SHINODA Time 11:20-11:55 AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-116 To BM 11-115
Date 4-8-52
Indexed R. 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
	5588		160		#7	5000		160		
	5428		160			4840		160		BM 11-116
	5268		320			4680		320		SEE F.B. 1376, 103
1.	16284	5428		320	65°	14520	4840		320	FOR DESCRIPTION
	4853		161			5165		161		
	4692		161			5004		160		↑ G.E. DREIER
	4531		322			4844		321		
2.	14076	4692		642		15013	5004		641	
	4631		211			5114		212		
	4420		211			4902		211		
	4209		422			4691		423		
3	13260	4420		1064		14707	4902		1064	
	5081		209			4724		212		
	4872		212			4512		212		
	4660		421			4300		424		
4	14613	4871		1485		13536	4512		1488	
	6081		214			4291		212		
	5867		215			4079		212		
	5652		429			3867		424		
5.	17600	5867		1914		12237	4079		1912	
		25278					23337			

F.B. 1375 PG. 73

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by S. SHINODA Time 11:20-11:55 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-116 To BM 11-115
Date 4-8-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6017	5.278	214	1914		5063	4.851	212	1912	
	5813		212			4851		211		
	5601		426			4640		423		
6	17621	5.874		2340		14554	4.851		2335	
	5758		215			5025		212		
	5543		214			4813		211		
	5329		429			4602		423		
7	16630	5.543		2769		14440	4.813		2758	
	5568		210			5008		218		
	5358		208			4790		214		SUMMATION OF RUN
	5150		418			4576		432		B.M 11-116 TO B.M. 11-115
8	16076	5.359		3187		14374	4.791		3190	
	5251		214			4593		214		
	5037		215			4379		211		TOTAL BACKSIGHTS +52.270
	4822		429			4168		435		" FORESIGHTS -47.762
9	15110	5.037		3616		13140	4.380		3615	DIFF. IN ELEVATION +4.508
	5392		213			5802		212		
	5179		213			5590		211		B.M 11-115
	4966		426			5379		423		SEE F.B. 1376-102
10	15537	5.179		4042	63°	16771	5.590		4038	FOR DESCRIPTION
		52.270					47.762			

F.B. 1378 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:30-2:25PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-116 To BM 11-117
Date 4-8-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5752		214		#7	5340		212		
	5538		213			5128		216		B.M. 11-116
	5325		427			4912		428		SEE F.B. 1376-103
1	16615	5.538		427	65°	15380	5.127		428	FOR DESCRIPTION
	4881		212			5425		214		
	4669		211			5211		211		T. E. LANDA
	4458		423			5000		425		
2	14008	4.669		850		15636	5.212		853	
	4850		212			5363		214		
	4638		215			5149		216		
	4423		427			4933		430		
3	13911	4.637		1277		15445	5.148		1283	
	4752		212			5408		215		
	4540		212			5193		213		
	4328		424			4980		428		
4	13620	4.540		1701		15581	5.194		1711	
	4970		215			5445		212		
	4755		215			5233		210		
	4540		430			5023		422		
5	14265	4.755		2131		15701	5.234		2133	
		24.139					25.915			

F.B. 1376 PG. 175

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:30-2:25 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-116 To BM 11-117
Date 4-8-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4778	4.139	215	2.131		5478	5.315	217	2.133	
	4563		213			5261		213		
	4350		428			5048		430		
6	13691	4.564		2.559		15787	5.262		2.563	
	4752		214			5403		211		
	4538		214			5192		212		
	4324		428			4980		423		
7	13614	4.538		2.987		15575	5.192		2.986	
	4970		211			5576		215		
	4759		214			5361		212		
	4545		425			5149		427		
8	14274	4.758		3.412		16086	5.362		3.413	
	4822		212			5426		216		
	4610		212			5210		215		
	4398		424			4995		431		
9	13830	4.610		3.836		15631	5.210		3.844	
	5140		212			5402		214		
	4928		215			5188		214		
	4713		427			4974		428		
10	14781	4.927		4.263		15564	5.188		4.272	
		47.536					52.129			

F.B. 1378 PG. 176

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:30-2:55 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-116 To BM 11-117
Date 4-8-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5228	47.536	100	4.263		5985	52.129	197	4.272	
	5028		200			5788		197		BM 11-117
	4828		100			5591		394		SEE F.B. 1376-104
11	15084	5.028		4.663	66°	17364	5.788		4.666	FOR DESCRIPTION
										SUMMATION OF RUN BM 11-116 TO BM 11-117
										TOTAL BACKSIGHTS +52.564
										" FORESIGHTS −57.917
										DIFF. IN ELEVATION −5.353
		52.564					57.917			

F.B. 1377 PG. 177

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... 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. 1378 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:30- Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4928
From BM 11-117 To BM 11-116
Date 4-8-53
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
	5990		195		#7	5228		200		
	5795		195			5028		200		BM 11-117 (PUENTE C-8)
	5600		390			4828		400		SEE F.B. 1376-154
1	17385	5.795		390	66°	15084	5.028		400	FOR DESCRIPTION
	5357		215			5098		216		
	5142		212			4882		212		π E. LANDA
	4930		427			4670		428		
2	15429	5.143		817		14650	4.883		828	
	5553		214			4950		213		
	5339		217			4737		214		
	5122		431			4523		427		
3	16014	5.338		1248		14210	4.737		1255	
	5602		214			4992		210		
	5388		218			4782		210		
	5170		432			4572		420		
4	16160	5.387		1680		14346	4.782		1675	
	5212		212			4559		214		
	5000		212			4345		214		
	4788		424			4131		428		
5	15000	5.000		2104		13035	4.345		2103	
		26.663					23.775			

F.B. 1378 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:30 - 3:20 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-117 To BM 11-116
Date 4-8-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5420	26.663	213	2.104		4729	23.775	217	2.103	
	5207		216			4512		213		
	4991		429			4299		430		
6.	15618	5.206		2.535		13540	4.513		2.533	
	5418		214			4937		216		
	5204		211			4723		213		
	4993		425			4510		429		
7.	15615	5.205		2.958		14172	4.724		2.962	
	5570		212			4922		214		
	5358		215			4708		211		
	5143		427			4497		425		
8.	16071	5.357		3.385		14127	4.709		3.387	
	5638		218			5118		213		
	5420		215			4905		212		
	5205		433			4693		425		
F.B. 1378 PG. 180 9.	16263	5.421		3.818		14716	4.905		3.812	
	5602		212			5062		212		
	5390		212			4850		210		
	5178		424			4640		422		
10.	16170	5.390		4.242		14552	4.851		4.234	
		53.242					47.477			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:30-3:20PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-117 To BM 11-116
Date 4-8-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5360	53.242	212	4242		5770	47477	215	4234	
	5148		216			5555		212		BM 11-116
	4932		428			5343		427		SEE F.B. 1376-102
11	15440	5147		4670	66°	16668	5556		4661	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 11-117 TO BM 11-116
										TOTAL BACKSIGHTS +58.389
										" FORESIGHTS -53.033
										DIFF. IN ELEVATION +5.356
		58.389					53.033			

F.B. 1376 PG. 181

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 1378 PG. 102

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 8:30-9:35 AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-117 To BM 11-119
Date 4-9-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6523		210		#7	5133		211		BM 11-117 (PUENTE C-8)
	6313		210			4922		211		SEE F.B. 1376-104
	6103		420			4711		422		FOR DESCRIPTION
1	18939	6313		420	58°	14766	4922		422	
	5302		214			5156		215		⊼ G.E. DREIER
	5088		214			4941		212		
	4874		428			4729		427		
2	15264	5088		848		14826	4942		849	
	4823		214			5143		214		
	4609		217			4929		215		
	4392		431			4714		429		
3	13824	4608		1279		14786	4929		1278	
	5051		211			5419		214		
	4840		210			5205		214		
	4630		421			4991		428		
4	14521	4840		1700		15615	5205		1706	
	4822		212			5169		213		
	4610		212			4956		213		
	4398		424			4743		426		
5	13830	4610		2124		14868	4956		2132	
		25459					24954			

F.B. 1376 PG. 113

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 8:30-9:35AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-117 To BM 11-119
Date 4-9-52
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
	4964	25.459	211	2.124		5273	24.954	212	2.132	
	4753		212			5061		213		
	4541		423			4848		425		
6	14258	4.753		2.547		15182	5.06		2.557	
	4816		215			5085		211		
	4601		214			4874		211		
	4387		429			4663		422		
7	13804	4.601		2.976		14622	4.874		2.977	
	4889		240			5888		239		
	4649		239			5649		239		
	4410		479			5410		478		
8	13948	4.649		3.455		16947	5.649		3.457	
		39.462					40.538			
										BM 11-118 (PUENTE B-7)
										SEE F.B. 1376-105
										FOR DESCRIPTION
F.B. 1371 PG. 44	6047		213			4753		213		
	5834		212			4540		213		
	5622		425			4327		426		
9	17503	5.834		3.880		13620	4.540		3.883	
		45.296					45.078			

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 8:30-9:35 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-117 To BM 11-119
Date 4-9-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4659	45.296	212	3.880		5581	45.078	215	3.883	
	4447		211			5373		213		
	4236		423			5160		428		
10	13342	4447		4303		16121	5.374		4311	
	4860		212			5743		212		
	4648		213			5531		213		SUMMATION OF ROD
	4435		425			5318		425		BM 11-117 TO BM 11-119
11	13943	4648		4728		16592	5.531		4736	
	5035		213			5408		215		
	4822		212			5193		212		TOTAL BACKSIGHTS = 63.418
	4610		425			4981		427		" FORESIGHTS = 67.207
12	14467	4822		5153		15582	5.194		5163	DIFF. IN ELEVATION = 3.789
	4392		187			6211		181		
	4205		186			6030		180		BM 11-119
	4019		373			5850		361		SEE F.B. 1376 & 106
13	12616	4.205		5526	64°	18091	6.030		5524	FOR DESCRIPTION
		63.418					67.207			

F.B. 1376 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 ..... 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. 137P 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:40-10:25AM Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-115 To B.M. 11-117
Date 4-9-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6200		183		#7	4381		184		
	6017		184			4197		184		B.M. 11-119
	5833		367			4013		368		SEE F.B. 1376-106
1	18050	6.017		367	64°	12591	4.197		368	FOR DESCRIPTION
	5426		216			5059		212		
	5210		213			4847		212		* G.E. DREIER
	4997		429			4635		424		
2	15633	5.211		796		14541	4.847		792	
	5831		214			4949		215		
	5617		214			4734		211		
	5403		428			4523		426		
3	16851	5.617		1224		14206	4.735		1218	
	5521		212			4598		215		
	5309		216			4383		211		
	5093		428			4172		426		
4	15923	5.308		1652		13153	4.384		1644	
	4762		214			6054		212		
	4548		215			5842		212		
	4333		429			5630		424		
5	13643	4.548		2081		17526	5.842		2068	
		26.701					24.005			

F.B. 1376 PG. 116

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 5000
Notes by S. SHINODA Time 9:40-10:25 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-119 To B.M. 11-117
Date 4-9-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		26.701		2081			24.005		2068	B.M. 11-118 (PUENTE B-7) SEE F.B. 1376-105 FOR DESCRIPTION
	6052		235			5060		242		
	5817		236			4818		243		
	5581		471			4575		485		
6	17450	5.817		2552		14453	4.818		2553	
	5052		215			4773		213		
	4837		213			4560		211		
	4624		428			4349		424		
7	14513	4.838		2980		13682	4.561		2977	
	4992		213			4683		211		
	4779		214			4472		210		
	4565		427			4262		421		
8	14336	4.779		3407		13417	4.472		3398	
	5037		215			4691		213		
	4822		212			4478		214		
	4610		427			4264		427		
9	14469	4.823		3834		13433	4.478		3825	
		46.958					42.334			

F.B. 1378 PG. 188

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:40-10:25AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-119 To BM 11-117
Date 4-9-52
Indexed L. 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
	5522	46.958	215	3.834		5158	42.834	213	3.825	
	5307		216			4945		210		
	5091		43			4735		423		
10.	15920	5307		4265		14838	4946		4248	
	4931		212			4618		219		
	4719		211			4399		219		SUMMATION OF RUN
	4508		423			4180		438		BM 11-119 TO BM 11-117
11.	14158	4719		4688		13197	4399		4686	
	4971		213			5119		213		
	4758		214			4906		214		TOTAL BACKSIGHTS 466.581
	4544		427			4692		427		" FORESIGHTS 62.813
12	14273	4758		5115		14717	4906		5113	DIFF IN ELEVATION +3.768
	5052		213			6437		210		
	4839		212			6227		208		BM 11-117 (PUENTE C-8)
	4627		425			6019		418		SEE F.B. 1376-184
13.	14518	4839		5540	68°	18683	6228		5531	FOR DESCRIPTION
		66.581					62.813			

F.B. 1376 PG. 184

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:45-11:00 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M 11-119 To BM 11-118
Date 4-9-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6318		185		#7	4497		185		
	6133		183			4312		186		BM 11-119
	5950		368			4126		371		SEE F.B. 1376-106
1.	18401	6.134		368	68°	12935	4312		371	FOR DESCRIPTION
	5060		217			4683		209		
	4843		214			4474		211		π G.E. DREIER
	4629		431			4263		420		
2	14532	4844		.799		13420	4473		791	
	5439		214			4553		212		
	5225		214			4341		212		SUMMATION OF RUN
	5011		428			4129		424		B.M. 11-119 TO B.M 11-118
3	15675	5.225		1227		13023	4341		1215	
	5528		210			4602		215		TOTAL BACKSIGHTS +25.928
	5318		210			4387		217		" FORESIGHTS − 23.208
	5108		420			4170		432		DIFF. IN ELEVATION + 2.720.
4	15954	5.318		1.647		13159	4386		1.647	
	4620		212			5910		214		
	4408		216			5696		213		B.M 11-118 (POENTE B-7)
	4192		428			5483		427		SEE F.B. 1376-105
5.	13220	4.407		2075	66°	17089	5.696		2074	FOR DESCRIPTION
		25.928					23.208			

F.B. 1378 PG. 190

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by S. SHINODA Time 11:30-12:05 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-119 To BM 11-120
Date 4-8-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7250		210		#7	5369		212		BM 11-119
	7040		208			5157		214		SEE F.B. 1376-106
	6832		418			4943		426		FOR DESCRIPTION
1.	21122	7.041		418	70°	15469	5.156		426	
	5287		213			5090		214		↑
	5074		213			4876		214		
	4861		426			4662		428		
2	15222	5.074		844		14628	4.876		854	
	5439		212			4010		213		
	5227		215			3797		215		
	5012		427			3582		428		
3	15678	5.226		1271		11389	3.796		1282	
	5853		213			4401		214		
	5640		216			4188		215		
	5424		429			3973		429		
4	16917	5.639		1700		12563	4.188		1711	
	5679		211			4191		206		
	5468		214			3985		205		
	5257		425			3780		411		
5	16401	5.467		2125		11956	3.985		2122	
		28.447					22.001			

F.B. 1376 PG. 171

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather HAZY Inst. No. 50010
Notes by S. SHINODA Time 11:30-12:05 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-119 To B.M. 11-120
Date 4-9-52
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5039	28.447	214	2.125		5812	22.001	213	2.122	
	4825		215			5599		212		
	4615		429			5387		425		
6	14479	4.825		2.554		16798	5.599		2.547	
	4599		216			5908		213		
	4383		213			5695		213		
	4170		429			5482		426		
7	13152	4.384		2.983		17085	5.695		2.973	
	4563		210			5973		215		
	4353		210			5758		216		B.M. 11-120
	4143		420			5542		431		SEE F.B. 1376-107
8	13059	4.353		3.403		17273	5.758		3.404	FOR DESCRIPTION
	4730		150			6704		149		
	4580		149			6555		149		SUMMATION OF RUN
	4431		299			6406		298		B.M. 11-119 TO B.M. 11-120
9	13741	4.580		3.702	72°	19665	6.555		3.702	
										TOTAL BACKSIGHTS +46.589
										" FORESIGHTS -45.608
										DIFF. IN ELEVATION +0.981
		46.589					45.608			

F.B. 1378 PG. 192

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 & WINDY Inst. No. 50010
Notes by S. SHIMODA Time 1:20 - 2:00 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-120 To B.M. 11-119
Date 4-9-52
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6740		150		#7	4761		150		
	6590		150			4611		150		BM 11-120
	6440		300			4461		300		SEE F.B. 1376-107
1	19770	6590		300	70°	13833	4611		300	FOR DESCRIPTION
	5979		215			4590		212		
	5764		212			4378		215		⊼ E. LANDA
	5552		427			4163		427		
2	17295	5765		727		13131	4377		727	
	5725		213			4398		211		
	5512		213			4187		215		
	5299		426			3972		426		
3	16536	5512		1153		12557	4186		1153	
	5485		215			4712		211		
	5270		212			4501		213		
	5058		427			4288		424		
4	15813	5271		1580		13501	4500		1577	
	4145		206			5630		212		
	3939		207			5418		212		
	3732		413			5206		424		
5.	11816	3939		1993		16254	5418		2001	
		27077					23092			

F.B. 1376 PG. 108

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather HAZY & W. 24 Inst. No. 500.10
Notes by S. SHINODA Time 1:20-2:00 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-120 To BM 11-119
Date 4-9-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4268	27.077	216	1993		5718	29.092	215	2001	
	4052		214			5503		213		
	3838		430			5290		428		
6	12158	4.053		2423		16511	5.504		2429	
	3965		214			5395		215		
	3751		213			5180		212		SUMMATION OF RUN
	3538		427			4968		427		BM 11-120 TO BM 11-119
7	11254	3.751		2850		15543	5.181		2856	
	4819		213			5018		216		
	4606		214			4802		212		TOTAL BACKSIGHTS +44.595
	4392		427			4590		428		" FORESIGHTS −45.572
8	13817	4.606		3277		14410	4.803		3284	DIFF. IN ELEVATION −0.977
	5322		213			7200		209		
	5109		215			6991		207		BM 11-119
	4894		428			6784		416		SEE F.B. 1376-106
9	15325	5.108		3705	66°	20975	6.992		3700	FOR DESCRIPTION
		44.595					45.572			

F.B. 1378 PG. 194

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 & WINDY Inst. No. 50010
Notes by S. SHINODA Time 2:25 - 3:00 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-120 To BM 11-121
Date 4-9-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7206		245		#7	6712		243		BM 11-120
	6961		243			6469		242		SEE F.B. 1376-107
	6718		488			6227		485		FOR DESCRIPTION
1	20885	6.962		488	65°	19408	6.469		485	
	4897		224			4797		214		
	4673		223			4583		212		TO G.E. DREIER
	4450		447			4371		426		
2	14020	4.673		.935		13751	4.584		.911	
	5569		210			4672		218		
	5359		210			4454		217		
	5149		420			4237		435		
3	16077	5.359		1.355		13363	4.454		1.346	
	6294		215			2929		214		
	6079		215			2715		215		
	5864		430			2500		429		
4	18237	6.079		1.785		8144	2.715		1.775	
	6359		212			2817		214		
	6147		214			2603		214		
	5933		426			2389		428		
5	18439	6.146		2.211		7809	2.603		2.203	
		29.219					20.825			

F.B. 1376 PG. 195

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 & WINDY Inst. No. 50010
Notes by S. SHINODA Time 2:25-3:00 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-120 To BM 11-121
Date 4-9-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8720	29.219	211	2211		0792	2.125	213	2.203	
	8509		212			0579		212		
	8297		223			0367		425		
6	25526	8.509		2.634		1738	0.579		2.628	
	9611		210			1482		210		
	9401		209			1272		210		
	9192		419			1062		420		
7	28204	9.401		3.053		3816	1.272		3.048	
	9815		212			1443		211		
	9603		211			1232		211		SUMMATION OF RUN
	9392		423			1021		422		BM 11-120 TO BM 11-121
8	28810	9.603		3.476		3696	1.232		3.470	
	8572		166			2339		166		
	8406		166			2173		163		TOTAL BACKSIGHTS + 73.295
	8240		332			2010		329		" FORESIGHTS − 28.548
9	25278	8.426		3.808		6522	2.174		3.799	DIFF. IN ELEVATION + 44.747
	8304		167			2635		169		
	8137		168			2466		169		BM 11-121
	7969		335			2297		338		SEE F.B. 1376-108
10	24410	8.137		4.143	64°	7398	2.466		4.137	FOR DESCRIPTION
		73.295					28.548			

F.B. 1376 PG. 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 HAZY & WINDY Inst. No. 50010
Notes by S. SHINODA Time 3:00 - 3:35 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-121 To B.M. 11-120
Date 4-9-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2613		168		#7	8283		168		B.M. 11-121
	2445		169			8115		167		SEE F.B. 1376-108
	2276		337			7948		335		FOR DESCRIPTION
1	7334	2.445		.337	64°	24346	8.115		.335	
	1930		167			8180		165		⊼ G.E. DREIER
	1763		165			8015		164		
	1598		332			7851		329		
2	5291	1.764		.669		24046	8.015		.664	
	2479		217			10859		226		
	2262		214			10633		223		
	2048		431			10410		449		
3	6789	2.263		1.100		31902	10.634		1.113	
	1468		211			9592		210		
	1257		211			9382		211		
	1046		422			9171		421		
4	3771	1.257		1.522		28145	9.382		1.534	
	1249		217			9170		209		
	1032		214			8961		209		
	0818		431			8752		418		
5	3099	1.033		1.953		26883	8.961		1.952	
		8.762					45.107			

F.B. 1377 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 3:00 - 3:35 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-121 To BM 11-120
Date 4-9-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3150	8.762	215	1953		6730	45.107	213	1952	
	2935		215			6517		210		
	2720		430			6307		423		
6	8925	2975		2383		19554	6.518		2375	
	3333		213			6698		215		
	3120		213			6483		212		
	2907		426			6271		427		
7	9360	3.120		2809		19452	6.484		2802	
	4719		215			5622		212		
	4504		213			5410		211		SUMMATION OF RUN
	4291		428			5199		423		BM 11-121 TO BM 11-120
8	13514	4.505		3237		16231	5.410		3225	
	4872		210			4978		227		
	4662		210			4751		225		TOTAL BACKSIGHTS + 30.487
	4452		420			4526		452		" FORESIGHTS − 75.224
9	13986	4.662		3657	62°	14255	4.752		3677	DIFF IN ELEVATION − 44.737
	6710		248			7195		242		
	6462		246			6953		242		BM 11-120
	6216		494			6711		484		SEE F.B. 1376-107
10	19388	6.463		4151		20859	6.953		4161	FOR DESCRIPTION
		30.487					75.224			

F.B. 1378 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 CLOUDY & WINDY Inst. No. 50010
Notes by S. SHINODA Time 11:00-11:45 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-121 To BM 11-122
Date 4-10-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10120		210		#7	2250		213		BM 11-121
	9910		210			2037		216		SEE F.B. 1376 & 108
	9700		420			1821		429		FOR DESCRIPTIONS
1	29730	9.910		420	60°	6108	2.036		429	
	6528		212			5845		215		
	6316		213			5630		212		T. E. LANDA
	6103		~~430~~ 425	845 ~~850~~		5418		427		
2	18947	6.316				16893	5.631		856	
	3895		214			6739		212		
	3681		212			6527		212		
	3469		426			6315		424		
3	11045	3.682		1.278		19581	6.527		1280	
	3822		212			6820		215		
	3610		210			6605		214		
	3400		422			6391		429		
4	10832	3.611		1.698		19816	6.605		1.709	
	3670		210			7222		212		
	3460		211			7010		211		
	3249		421			6799		423		
5	10379	3.460		2.119		21031	7.010		2132	
		26.979					27.809			

F.B. 1376 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 CLOUDY Inst. No. 50010
Notes by S. SHINODA Time 11:00-11:45 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-121 To BM 11-122
Date 4-10-53 R. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3288	26.979	217	2118		7220	27.809	209	2132	
	3071		213			7011		209		
	2858		430			6802		418		
6	9217	3.072		2548		21033	7.011		2550	
	3128		215			7065		212		
	2913		211			6853		213		
	2702		426			6640		425		
7	8743	2.914		2975		20558	6.853		2975	
	3280		215			7348		213		
	3065		215			7135		215		
	2850		430			6920		428		
8	9195	3.065		3405		21403	7.134		3403	
	3110		212			7285		213		
	2898		213			7070		210		
	2685		425			6860		423		
9	8693	2.898		3830		21213	7.071		3826	
	3275		213			7481		213		
	3062		210			7268		214		
	2852		423			7054		427		
10	9189	3.063		4253		21803	7.268		4253	
		41.991					63.146			

F.B. 1378 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 CLOUDY & WINDY Inst. No. 50010
Notes by S. SHINODA Time 11:00-11:45AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-121 To BM 11-122
Date 4-10-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2692	41.991	193	4.253		8490	63.146	193	4.253	BM 11-122
	2499		196			8297		195		SEE F.B. 1376-109
	2303		389			8102		388		FOR DESCRIPTION
11	7494	2.498		4.641	59°	24889	8.296		4.641	
										SUMMATION OF RUN BM 11-121 TO BM 11-122
										TOTAL BACKSIGHTS +44.489
										FORESIGHTS -71.442
										DIFF. IN ELEVATION -26.953
		44.489					71.442			

F.B. 1376 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 CLOUDY & Inst. No. 50010
Notes by S. SHINODA Time 11:45 - 2:45 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-122 To BM 11-121
Date 4-9-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8445		194		#7	2647		195		
	8251		191			2452		193		B.M 11-122
	8060		385			2259		388		SEE F.B. 1376-
1	24756	8252		385	59°	7358	2453		388	FOR DESCRIPTION
	7470		212			3246		212		
	7258		215			3034		212		T. E. LANDA
	7023		427			2822		424		
2	21711	7237		812		9102	3034		812	
	7238		215			3062		212		
	7023		212			2850		211		
	6811		427			2639		423		
3	21072	7024		1239		8551	2850		1235	
	7327		216			3260		213		
	7111		212			3047		215		
	6899		428			2832		428		ONE HOUR FOR LUNCH
4	21337	7112		1667	59°	9159	3046		1663	
	6979		215			3040		212		
	6764		212			2828		213		
	6552		427			2615		425		
5	20295	6765		2094	59°	8483	2828		2088	
		36.390					14.211			

F.B. 1376 PG. 202

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 S. SHINODA Time 11:45-2:45 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-122 To BM 11-121
Date 4-10-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7170	36.390	212	2094		3230	14.214	212	2088	
	6958		211			3018		215		
	6747		423			2803		427		
6	20875	6.958		2517		9051	3.017		2515	
	7283		213			3730		213		
	7070		212			3517		214		
	6858		425			3303		427		
7	21211	7.070		2942		10550	3.517		2942	
	6892		214			3893		211		
	6678		216			3682		210		
	6462		430			3472		421		
8	20032	6.677		3372		11047	3.682		3363	
	6770		211			3925		214		
	6559		211			3711		212		
	6348		422			3499		426		
9	19677	6.559		3794		11135	3.712		3789	
	5798		217			6479		214		
	5581		213			6265		211		
	5368		430			6054		425		
10	16747	5.582		4224		18798	6.266		4214	
		69.236					34.405			

F.B. 1378 PG. 203

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 S. SHINODA Time 11:15 - 2:45 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-122 To BM 11-121
Date 4-10-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2359	69.236	212	4.224		10232	34.205	212	4.214	
	2147		210			10020		212		BM 11-121
	1937		422			9808		424		SEE F.B. 1376-108
11	6443	2.148		4.646	59°	30060	10.020		4.638	FOR DESCRIPTION
										SUMMATION OF RUN BM 11-122 TO BM 11-121
										TOTAL BACKSIGHTS +71.384
										" FORESIGHTS -44.425
										DIFF IN ELEVATION +26.959
		71.384					44.425			

F.B. 1378 PG. 204

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 E. Landa Time 8:25 - 9:30 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1122 To BM 1124
Date 4-11-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4202 4059 3914 21173	4058	143 145 288	288	#7 54°	7105 7052 6910 21157	7052	143 142 285	285	BM 1122 SEE F.B. 1376-109 FOR DESCRIPTION
2	2451 2238 2023 6712	2237	213 215 428	716		7839 7627 7414 22880	7627	212 213 425	710	TO F.E. ONE
3	2530 2319 2109 6958	2319	211 210 421	1137		7893 7681 7470 23044	7681	212 211 423	1133	
4	2993 2782 2571 8346	2782	211 211 422	1559		6585 6373 6162 19120	6373	212 211 423	1556	
5	3905 3693 3481 11079	3693	212 212 424	1983		6517 6303 6091 18911	6304	214 212 426	1982	
		15089					35037			

F.B. 1376 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 Cloudy Inst. No. 50010
Notes by E. Landa Time 8:25-9:30 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-122 To BM 11-124
Date 4-11-52
Indexed L. 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
6	4163	15089	212	1983		6643	55037	212	1982	
	3951		212			6431		212		
	3739		424			6219		424		
	11853	3951		2407		19293	6431		2406	
7	4109		212			6610		213		
	3897		213			6397		213		
	3684		426			6184		426		
	11690	3897		2832		19191	6397		2832	
8	4021		212			7420		212		
	3879		212			7208		213		
	3661		424			6995		425		
	11637	3879		3256		21623	7208		3257	
F.B. 1378 PG. 106		26816					55073			B.M. 11-123 See F.B. 1376-110 FOR DESCRIPTION
9	4820		270			7108		268		
	4620		269			6840		269		
	4351		539			6571		537		
	13861	4620		3795		20519	6840		3794	
		31436					61913			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 S. SHINODA Time 8:25 - 9:30AM Rod No. 7&8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-22 To BM 11-24
Date 4-11-52
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
10	3590	3436	213	3795		7540	7913	213	3794	
	3377		214			7327		212		
	3163		427			7115		425		
	6130	3377		4222		21982	7327		4219	
11	2449		212			8029		210		
	2237		212			7869		211		
	2025		424			7658		421		
	4711	2237		4646		23606	7869		4640	
12	2712		212			7916		213		
	2500		210			7703		211		
	2290		422			7492		424		
	7502	2501		5068		23111	7704		5064	
13	2593		212			7924		212		
	2381		212			7712		211		
	2169		424			7501		423		
	7143	2381		5492		23137	7712		5487	
14	2840		214			8179		210		
	2626		215			7969		210		
	2411		429			7759		420		
	7877	2626		5921		23907	7969		5907	
		44558					100494			

F.B. 376 PG. 101

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 Cloudy Inst. No. 50010
Notes by E. Landa Time 8:25 - 9:30 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-122 To BM 11-124
Date 4-11-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
15	2578	44558	211	5921		7281	100494	211	5907	
	2367		212			7070		211		
	2155		423			6859		422		
	7100	2367		6344		21210	7070		6329	
16	4851		209		58°	5897		217		
	4642		208			5680		217		B.M. 11-124 (EL MONTE U-10 AUX #3)
	4434		417			5463		434		SEE F.B. 1376-111
	13927	4642		6761		17040	5680		6763	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 11-122 TO B.M. 11-124
										TOTAL BACKSIGHTS + 51.567
										TOTAL FORESIGHTS - 113.244
										DIFF. IN ELEVATION - 61.677
		51,567					113,244			

F.B. 1378 PG. 208

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 E. Landa Time 9:30 - 10:45 Rod No. 7 & 8

Name L. A. CO PRECISE LEVEL NET
Job No. 4923
From BM 11-124 To BM -122
Date 4-11-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5870		211		#7	4834		212		
	5659		211			4622		211		B.M. 11-124 (AUX #3 EL MONTE J-10)
	5448		422		58°	4411		423		SEE F.B. 1376-11'
1	16977	5659		422		13867	4622		423	FOR DESCRIPTION
	7341		211			2640		212		
	7130		210			2428		212		↑ G.E. DREIER
	6920		421			2216		424		
2	21391	7130		843		7284	2428		847	
	8207		213			2863		212		
	7994		211			2651		211		
	7783		424			2440		423		
3	23984	7995		1267		7954	2651		1270	
	7882		211			2555		213		
	7671		211			2342		212		
	7460		422			2130		425		
4	23013	7671		1689		7027	2342		1695	
	7910		211			2708		214		
	7699		211			2494		212		
	7488		422			2282		426		
5	23097	7699		2111		7484	2495		2121	
		36154					14538			

F.B. 1378 PG. 209

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 Cloudy Inst. No. 50010
Notes by E. Landa Time 9:30 – 10:45 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-124 To B.M. 11-122
Date 4-11-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8011	36154	210	2111		2381	14538	211	2121	
	7801		211			2170		211		
	7590		422			1959		422		
6	23402	7801		2532		6510	2170		2543	
	7524		211			3571		211		
	7313		211			3360		212		
	7102		422			3148		423		
7	21939	7313		2954		10079	3360		2966	
	7021		269			4863		269		
	6812		267			4594		269		BM 11-123
	6545		536			4325		538		SEE F.B. 1376-110
8	20438	6813		3490		13782	4594		3504	FOR DESCRIPTION
	7361	38.081	210			4031	24.663	212		
	7151		212			3819		212		
	6939		422			3607		424		
9	21451	7150		3912		11457	3819		3928	
	6613		211			4112		211		
	6402		211			3901		211		
	6191		422			3690		422		
10	19206	6402		4334		11703	3901		4350	
		71633					32582			

F.B. 1378 PG. 210

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 E. Lunda Time 9:30-10:45 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-124 To B.M. 11-122
Date 4-11-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6631	7633	213	4334		4153	3238	213	4350	
	6418		213			3940		212		
	6205		426			3728		425		
11	19254	6418		4760		11821	3940		4775	
	6478		215			3860		209		
	6263		213			3651		209		
	6050		428			3442		418		
12	18791	6264		5188		10953	3651		5193	
	6530		212			2935		210		
	6318		211			2725		211		
	6107		423			2514		421		
13	18955	6318		5611		8174	2725		5614	
	7819		215			2457		212		
	7604		213			2245		213		
	7391		428			2032		425		
14	22814	7605		6039		6734	2245		6039	
	7841		211			2453		213		
	7630		212			2240		212		
	7418		423			2028		425		
15	22889	7630		6463		6721	2240		6464	
		105868					47183			

F.B. 1378 PG. 211

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreien Weather Cloudy Inst. No. 50010
Notes by F. Landa Time 9:30 - 10:15 Rod No. 768

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-124 To B.M. 11-122
Date 4-11-52
Indexed L. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7053	105.868	144	6463		4058	47183	145	6464	
	6909		144			3913		143		B.M. 11-122
	6765		288	0	58°	3770		288		See F.B. 1376 - 109
16	20727	6909		6757		11741	3914		6752	
										Summation of Run B.M. 11-124 - To B.M. 11-122
										Total Backsights + 112.777
										Total Foresights - - 51.097
										DIFF IN ELEVATION + 61.680
F.B. 1378 PG. 212										
		112.777					51.097			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 8:40 TO 9:30 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-124 To B.M. 11-125
Date 4-14-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5620		215		F7	5975		215		
	5405		213			5760		212		B.M. 11-111 (EL MONTE 4-10) (Lx. #3)
	5192		428			5548		427		SEE F.B. 1376-11
1	16217	5.406		.428	60°	17283	5.761		.427	FOR DESCRIPTION
	5202		212			4217		215		
	4990		212			4002		212		TO E. LANDA
	4778		424			3790		427		
2	14970	4.990		.852		12009	4.003		.854	
	5985		210			4245		213		
	5775		213			4032		212		
	5562		423			3820		425		
3	17322	5.774		1.275		12097	4.032		1.279	
	5943		213			5762		212		
	5730		211			5550		209		
	5519		424			5341		421		
4	17192	5.73		1.699		16653	5.551		1.700	
	2255		212			7925		212		
	2043		213			7713		212		
	1830		425			7501		424		
5	6128	2.043		2.124		23139	7.713		2.124	
		23.944					27.060			

F.B. 1378 PG. 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 PART-CLOUDY Inst. No. 500
Notes by G.E. DREIER Time 8'40 TO 9:35 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-124 To B.M. 11-125
Date 4-14-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3425	23.944	213	2.124		6500	22.960	214	2.124	
	3212		212			6286		213		
	3000		425			6073		427		
6	9637	3.212		2.549		18859	6.286		2.551	
	4512		212			6022		212		
	4300		209			5810		212		
	4091		421			5598		424		
7	12923	4.301		2.970		17430	5.810		2.975	
	4491		212			5170		212		
	4279		211			4958		213		
	4068		423			4745		425		
8	12838	4.279		3.393		14873	4.958		3.400	
	4817		209			5698		214		
	4638		211			5484		211		
	4427		420			5272		425		
9	13912	4.637		3.813		16454	5.485		3.525	
	4620		212			4752		213		
	4408		211			4539		211		
	4197		423			4328		424		
10	13225	4.408		4.236		13619	4.540		4.249	
		44.781					54.139			

F.B. 1378 PG. 214

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather PART-CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:40 TO 9:30 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-124 To B.M. 11-125
Date 4-14-52
Indexed A. 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
	8.055	44.781	250	4.237 61		6.518	54.139	248	4.249 50	B.M. 11-125
	7.805		248			6.270		248		SEE F.B. 1376 PG. 2
	7.557		498			6.022		496		FOR DESCRIPTION
11	23.417	7.806		4.735 4	60°	18.810	6.270		4.745 6	
										SUMMATION OF RUN B.M. 11-124 TO B.M. 11-125
										TOTAL BACKSIGHTS - 52.587
										TOTAL FORESIGHTS - 60.409
										DIFF. IN ELEVATION - 7.822
		52.587					60.409			

F.B. 1378 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 PART-CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 9:30 TO 10:00 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-125 To B.M. 11-124
Date 4-14-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6499		247		#7	8633		251		
	6252		249			7782		250		B.M. 11-125
	6003		496			7532		501		SEE F.B. 1376-112
1	18754	6.251		496	62°	23347	7.782		501	FOR DESCRIPTION
	4766		213			4635		213		
	4553		212			4422		210		
	4341		425			4212		423		
2	13660	4.553		921		13269	4.423		924	
	5719		213			4912		211		
	5506		213			4701		211		
	5343		426			4490		422		
3	16668	5.556		1,347		14103	4.701		1,346	
	5102		213			4430		213		
	4889		211			4217		215		
	4678		424			4002		428		
4	14669	4.890		1,771		12649	4.216		1,774	
	6048		213			4531		210		
	5835		212			4321		209		
	5623		425			4112		419		
5	17506	5.835		2,196		12964	4.321		2,193	
		27.085					25.443			

F.B. 1378 PG. 216

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 9:30 TO 10:30 Rod No. 708

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-125 To B.M. 11-124
Date 4-14-52
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.343	27.085	212	2.196		3.270	26.443	213	2.193	
	6.131		212			3.057		209		
	5.919		424			2.848		422		
6	18.393	6.131		2.620		9.175	3.058		2.615	
	7.598		215			1.920		212		
	7.383		211			1.708		210		
	7.172		426			1.498		422		
7	22.153	7.384		3.046		5.126	1.709		3.037	
	5.535		211			5.720		212		
	5.323		211			5.508		211		
	5.112		423 3			5.297		423		
8	15.970	5.323		3.468 9		16.525	5.508		3.460	
	4.108		213			5.850		212		
	3.895		212			5.638		213		
	3.683		425			5.425		425		
9	11.686	3.895		3.893 4		16.913	5.638		3.885	
	4.171		211			5.162		211		
	3.960		210			4.951		211		
	3.750		421			4.740		422		
10	11.881	3.960		4.314 5		14.853	4.951		4.307	
		53.778					46.307			

F.B. 1378 PG. 217

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather PART-CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 9:30 TO 10:30 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-125 To B.M. 11-124
Date 4-14-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5822	5.3778 ✓	212	4.314 ✓		5522	4.307 ✓	214	4.307 ✓	(AUX #3
	5610		210			5308		216		B.M. 11-124 (EL MONTE U-10)
	5450		422 ✓			5092		430 ✓		SEE F.B. 1376-11
11	16932 ✓	5.661 ✓		4.736 ✓		15922 ✓	5.307 ✓		4.737 ✓	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 11-125 TO B.M. 11-124
										TOTAL BACKSIGHTS + 59.439 ✓
										TOTAL FORESIGHTS - 51.614 ✓
										DIFF. IN ELEVATION + 7.825 ✓
		59.439 ✓					51.614 ✓			

F.B. 1378 PG. 218

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 E. Lunda Time 11:00 - 11:45 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-125 To B.M. 11-126
Date 4-14-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5923		211		#7	5412		213		B.M. 11-125
	5712		211			5199		212		See F.B. 1375-112
	5501		422			4987		425		For description
1	17136	5712		422	70°	15598	5199		425	π G.E. Dreier
	5277		210			5689		212		
	5067		212			5477		211		
	4855		424			5266		423		
2	15199	5066		846		16432	5477		848	
	4638		207			5111		212		
	4431		204			4899		210		
	4227		411			4689		422		
3	13296	4432		1257		14699	4900		1270	
	4189		214			4718		210		
	3975		213			4508		211		
	3762		427			4297		421		
4	11926	3975		1684		13523	4508		1691	
	3748		213			5407		211		
	3535		210			5196		211		
	3325		423			4985		422		
5	10608	3536		2107		15588	5196		2113	
		22721					25280			

F.B. 1370 PG. 219

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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. 30010
Notes by E. Landa Time 11:00 - 1:45 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4973
From B.M. 11-125 To B.M. 11-126
Date 4-14-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4650	22.721	213	2107.5		6806	25280	213	2113	
	4437		212			6593		214		
	4225		425			6379		427		
6	13312	4437		2532.0		19778	6593		2540	
	4608		228			5599		226		
	4380		227			5373		226		
	4153		455			5147		452		
7	13141	4380		2987.5		16119	5373		2992	
	5182		211			5128		210		Summation of Run
	4971		210			4918		210		B.M. 11-125 to B.M. 11-126
	4761		421			4708		420		
8	14914	4971		3408.6		14754	4918		3412	
	5006		179			4956		181		Total Backsights - 46074
	4827		179			4775		182		" Foresights - 52168
	4648		358			4593		363		Diff. in Elev. - 6.094
9	14481	4827		3766.4		14324	4775		3775	
	4922		184			5410		181		B.M. 11-126
	4738		184			5229		181		See F.B. 1376 - 113
	4554		368			5048		362		for description
10	14214	4738		4134.2	71°	15687	5229		4137	
		46074					52168			

F.B. 1378 PG. 220

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 Cloud Inst. No. 50010
Notes by E. Lunda Time 11:45 - 1:45 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-126 To B.M. 11-125
Date 4-14-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5404		181		#7	4917		184		
	5223		182			4733		182		B.M. 11-126
	5041		363			4551		366		See F.B. 1374 -113
1	5668	5223		363	71°	4201	4734		366	For description
	4802		181			4852		179		↑ G.E. Dreier
	4621		181			4673		180		
	4440		362			4493		359		
2	3863	4621		725		4018	4673		725	Stopped 12:00 1:00
	4988		215		73°	5037		212		
	4773		212			4825		212		
	4561		427			4613		424		
3	4322	4774		1152		4475	4825		1149	
	5649		227			4657		228		
	5422		225			4429		227		
	5197		452			4202		455		
4	4268	5423		1604		3288	4429		1604	
	7029		213			4870		213		
	6817		213			4657		211		
	6604		426			4446		424		
5	2045	6817		2030		3973	4658		2028	
		26858					23319			

F.B. 1378 PG. 221

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather Part Cloudy Inst. No. 50010
Notes by E. Landa Time 11:45 - 1:45 Rod No. 78 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-126 To B.M. 11-125
Date 4-14-52
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
	5411	26.858	211	2030		3752	23318/9	212	2028	
	5200		211			3540		210		
	4989		422			3330		422		
6	15600	5200		2452		10622	3541		2450	
	5002		212			4471		210		
	4790		212			4261		211		
	4578		424			4050		421		
7	14370	4790		2876		12782	4261		2871	
	5038		211			4566		207		Summation of Run
	4827		211			4359		208		B.M. 11-126 - B.M. 11-125
	4616		422			4151		415		
8	14481	4827		3298		13076	4359		3286	
	5520		211			5111		212		Total Backsights + 52194
	5309		211			4899		211		" Foresights - 46101
	5098		422			4688		423		Diff in Elev. + 6093
9	15927	5309		3720		14698	4899		3709	
	5421		211			5933		211		B.M. 11-125
	5210		212			5722		211		See F.B. 1376-112
	4998		423			5511		422		For description
10	15629	5210		4143	70°	17166	5722		4131	
		52194					46101			

F.B. 1379 PG. 222

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C.E. DREIER Weather CLEAR & WINDY Inst. No. 50010
Notes by C.E. DREIER Time 2:00 TO Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-126 To B.M. 11-127
Date 4-14-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.145		212		#7	3.272		213		
	5.933		210			3.059		211		B.M. 11-126
	5.723		422			2.848		424		SEE F.B. 1376-113
1	17.801	5.934		422	70°	9.179	3.060		424	FOR DESCRIPTION
	7.082		212			2.757		215		
	6.870		210			2.542		212		TO E LANDA
	6.660		422			2.330		427		
2	20.612	6.871		844		7.629	2.543		851	
	7.317		215			2.450		212		
	7.102		212			2.238		210		
	6.890		427			2.028		422		
3	21.309	7.103		1.271		6.716	2.239		1.273	
	6.220		212			4.348		216		
	6.008		210			4.132		212		
	5.798		422			3.920		428		
4	18.026	6.009		1.693		12.400	4.133		1.701	
	4.632		212			5.588		215		
	4.420		210			5.373		212		
	4.210		422			5.161		427		
5	13.262	4.421		2.115		16.122	5.374		2.128	
		30.338					17.349			

F.B. 1376 PG. 225

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR & WARM Inst. No. 50010
Notes by G.E.D. Time 2:00 TO 2:40 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-126 To B.M. 11-127
Date 4-14-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3708	30.338	213	2.115		6308	17.349	213	2.128	
	3495		212			6095		212		
	3283		425			5883		425		
6	10486	3.495		2.540		18286	6.095		2.553	
	3310		212			6043		206		
	3098		215			5837		209		
	2883		427			5628		415		SUMMATION OF RUN
7	9291	3.097		2.967		17508	5.836		2.968	B.M. 11-126 TO B.M. 11-127
	4110		209			6855		213		
	3901		209			6642		212		TOTAL BACKSIGHTS + 47.970
	3692		418			6430		425		TOTAL FORESIGHTS - 50.160
8	11703	3.901		3.385		19927	6.642		3.393	DIFF IN ELEVATION - 2.190
	3620		215			7218		209		
	3405		214			7009		209		
	3191		429			6800		418		
9	10216	3.405		3.814		21027	7.009		3.811	
	3918		215			7441		211		
	3733		211			7230		215		B.M. 11-127
	3522		426			7015		426		SEE F.B. 1376-114
10	11203	3.734		4.240		21686	7.229		4.237	FOR DESCRIPTION
		47.970					50.160			

F.B. 1378 PG. 224

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 & WIND Inst. No. 50010
Notes by G. E. DREIER Time 2:40 TO 3:25 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-127 To B.M. 11-126
Date 4-14-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7416		214			3920		214		
	7202		212			3706		211		B.M. 11-127
	6990		426			3495		425		SEE F.B. 1376-164
1	21.608	7.203		426	68°	11.121	3.707		425	FOR DESCRIPTION
	7248		213			3640		212		
	7035		212			3428		209		TT E. LANDA
	6823		425			3219		421		
2	21.106	7.035		851		10.287	3.429		846	
	6938		216			4.197		213		
	6722		212			3.984		209		
	6510		428			3.775		422		
3	20.170	6.723		1.279		11.956	3.985		1.268	
	6719		209			3.978		210		
	6510		211			3.768		209		
	6299		420			3559		419		
4	19.528	6.509		1.699		11.305	3.768		1.687	
	6552		208			3956		216		
	6344		206			3740		212		
	6138		414			3528		428		
5	19.034	6.345		2.113		11.224	3.741		2.115	
		33.815					18.630			

F.B. 1378 PG. 225

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. DREIER Weather CLEAR & WINDY Inst. No. 50010
Notes by C. E. DREIER Time 2:40 TO 3:25 Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-127 To 11-126
Date 4-14-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.990	33.815	212	2.113		5.032	18.630	210	2.115	
	5.778		213			4.822		210		
	5.565		425			4.612		420		
6	17.333	5.778		2.538		14.466	4.822		2.535	
	4.938		216			6.810		212		
	4.722		212			6.598		210		
	4.510		428			6.388		422		SUMMATION OF RUN
7	14.170	4.723		2.966		19.796	6.599		2.957	B.M. 11-127 TO B.M. 11-126
	2.990		210			7.858		215		
	2.780		210			7.643		213		TOTAL BACKSIGHTS +53.685
	2.570		420			7.430		428		TOTAL FORESIGHTS -51.483
8	8.340	2.780		3.386		22.931	7.644		3.385	DIFF IN ELEVATION +2.202
	3.265		213			7.590		211		
	3.052		212			7.379		211		
	2.840		425			7.168		422		
9	9.157	3.052		3.811		22.137	7.379		3.807	
	3.750		214			6.621		213		
	3.536		211			6.408		211		B.M. 11-126
	3.325		425			6.197		424		SEE F.B. 1376-113
10	10.611	3.537		4.236	67	19.226	6.409		4.231	FOR DESCRIPTION
		53.685					51.483			

F.B. 1378 PG. 226

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:40-9:50AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-127 To BM 11-128
Date 4-16-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5595		215		#7	7001		213		
	5380		212			6788		210		BM 11-127
	5168		427			6578		423		SEE F.B. 1376-114
1	16143	5381		427	69°	20367	6789		423	FOR DESCRIPTION
	4010		212			7508		215		
	3798		211			7293		212		TO E LANDA
	3587		423			7081		427		
2	11395	3798		.850		21882	7294		850	
	4028		213			6370		212		
	3815		211			6158		212		
	3604		424			5946		424		
3	11447	3816		1.274		18474	6158		1.274	
	5018		212			5655		215		
	4806		208			5440		212		
	4598		420			5228		427		
4	14422	4807		1.694		16323	5441		1.701	
	4982		210			5272		212		
	4772		212			5060		211		
	4560		422			4849		423		
5	14314	4771		2.116		15181	5.060		2.124	
		22.573					30.742			

F.B. 1378 PG. 227

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:40-9:50AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-127 To BM 11-128
Date 4-16-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4988	22.573	212	2116		5425	50.742	213	2124	
	4776		213			5212		212		
	4563		428			5000		425		
6	14327	4.776		2548		15637	5.212		2549	
	4969		214			5313		203		
	4755		211			5110		200		
	4544		425			4910		403		
7	14268	4.756		2968		15333	5.111		2952	
	6720		211			5908		216		
	6509		211			5692		212		
	6298		422			5480		428		
8	19527	6.509		3390		17080	5.693		3380	
	4192		211			5377		215		
	3981		211			5162		212		
	3770		422			4950		427		
9	11943	3.981		3812		15489	5.163		3807	
	4761		211			5233		209		
	4550		210			5024		207		
	4340		421			4817		416		
10	13651	4.550		4233		15074	5.025		4223	
		47.145					56.966			

F.B. 1378 PG. 228

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:40 - 9:50 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-127 To BM 11-128
Date 4-16-52
Indexed R. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6338	47.145	211	4238		3838	56.944	210	4223	
	6127		210			3628		210		
	5917		421			3418		420		
11	18382	6.127		4657		10884	3.628		4443	
	6110		210			3892		212		
	5900		212			3680		211		
	5688		422			3469		423		
12	17698	5.899		5078		11041	3.680		5066	
	7710		191			0683		193		
	7519		193			0490		190		
	7326		384			0300		383		
13	22555	7.518		5460		1473	0.491		5449	
	9582		192			1684		201		
	9390		190			1483		198		
	9200		382			1285		399		
14	28172	9.391		5842		4452	1.484		5848	
	8172		141			2859		140		
	8031		140			2719		140		
	7891		281			2579		280		
15	24094	8.031		6123		8157	2.719		6128	
		94.111					68.948			

F.B. 1378 PG. 229

Form 6M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:40-9:50 A.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-127 To BM 11-128
Date 4-16-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7934	84.111	.143	6.128		4567	68.948	.146	6.128	
	7791		.141			4421		.143		BM 11-128
	7650		.284			4278		.289		SEE F.B. 1376-115
16.	23375	7.792		6.407	78°	13260	4.422		6.417	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 11-127 TO BM 11-128
										TOTAL BACKSIGHTS + 91.903
										" FORESIGHTS − 73.370
										DIFF. IN ELEVATION + 18.533
		91.903					73.370			

F.B. 1378 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:50-11:00 AM Rod No. 788

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-128 To BM 11-127
Date 4-16-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4562		144		#7	7928		143		
	4418		146			7785		142		BM 11-128
	4272		290			7643		285		SEE F.B. 1976-115
1.	13252	4.417		.290	78°	23356	7.785		.285	FOR DESCRIPTION
	2789		139			8101		141		
	2650		140			7960		140		* E. LANDAU
	2510		279			7820		281		
2	7949	2.650		.569		23881	7.960		.566	
	1702		195			9605		194		
	1507		197			9408		197		
	1310		392			9212		391		
3	4519	1.506		.961		28224	9.408		.957	
	1034		193			8062		191		
	0841		191			7871		191		
	0650		384			7680		382		
4	2525	0.842		1.345		23613	7.871		1.339	
	3990		210			6207		213		
	3780		213			5994		211		
	3567		423			5783		424		
5.	11337	3.779		1.768		17984	5.995		1.763	
		13.194					39.019			

F.B. 1978 PG. 231

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:50 - 11:00 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-128 To BM 11-127
Date 4-16-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3835	13.194	213	1.768		6331	39.019	211	1.763	
	3622		212			6120		211		
	3410		425			5909		422		
6	10867	3.622		2.193		18360	6.120		2.185	
	5223		209			4750		212		
	5014		210			4538		211		
	4804		419			4327		423		
7	15041	5.014		2.612		13615	4.538		2.608	
	5383		213			4199		214		
	5170		212			3985		210		
	4958		425			3775		424		
8	15511	5.170		3.037		11959	3.986		3.032	
	5913		214			6718		211		
	5699		214			6507		212		
	5485		428			6295		423		
9	17097	5.699		3.465		19520	6.507		3.455	
	5469		205			5110		211		
	5254		204			4899		211		
	5050		409			4688		422		
10	15763	5.254		3.874		14697	4.899		3.877	
		37.953					65.069			

F.B. 2778 PG. 232

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:50-11:00 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-128 To BM 11-127
Date 4-16-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5370	37.953	214	3.874		4937	65.069	215	3.877	
	5156		213			4722		211		
	4943		427			4511		426		
11.	15469	5.156		4.301		14170	4.723		4.303	
	5272		212			4979		211		
	5060		210			4768		213		
	4850		422			4555		424		
12	15182	5.061		4.723		14302	4.767		4.727	
	5750		215			5110		210		
	5535		214			4900		210		
	5321		429			4690		420		
13	16606	5.535		5.152		14700	4.900		5.147	
	6342		213			3994		212		
	6129		211			3782		210		
	5918		424			3572		422		
14	18389	6.130		5.576		11348	3.783		5.569	
	7429		216			3931		211		
	7213		213			3720		212		
	7000		429			3508		423		
15	21642	7.214		6.005		11159	3.720		5.992	
		67.049					86.962			

F.B. 1378 PG. 233

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:50 - 11:00 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-128 To BM 11-127
Date 4-16-52 E. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7023	67.049	211	6.005		5620	86.962	214	5.992	
	6812		210			5406		214		BM 11-128
	6602		421			5192		428		SEE F.B. 1376-114
16	20437	6.812		6.426	83°	16218	5.406		6.420	FOR DESCRIPTION
										SUMMATION OF RUN BM 11-128 TO BM 11-127
										TOTAL BACKSIGHTS + 73.861
										" FORESIGHTS - 92.368
										DIFF. IN ELEVATION - 18.507
F.B. 1378 PG. 234										
		73.861					92.368			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:10-1:35 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-127 To BM 11-128
Date 4-16-5
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
	5603		213		#7	7010		212		
	5390		213			6798		211		BM 11-127
	5177		426			6587		423		SEE F.B. 376-114
1.	16170	5390		426	83°	20395	6.798		423	FOR DESCRIPTION
	4046		212			7548		215		
	3834		213			7333		212		π G.E. DREIER
	3621		425			7121		427		
2	11501	3.834		.851		22002	7.334		.850	
	4059		211			6401		210		
	3848		210			6191		211		
	3638		421			5980		421		
3	11545	3.848		1.272		18572	6.190		1.271	
	5148		210			5783		212		
	4938		210			5571		212		
	4728		420			5359		424		
4	14814	4.938		1.692		16713	5.571		1.695	
	4942		212			5231		212		
	4730		212			5019		210		
	4518		424			4809		422		
5.	14190	4730		2.116		15059	5.020		2.117	
		22.740					30.914			

F.B. 1378 PG. 235

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:10 - 1:35 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-127 To BM 11-128
Date 4-16-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5033	22.740	211	2116		5471	30.914	212	2117	
	4822		211			5259		212		
	4611		422			5047		424		
6	14466	4822		2538		15777	5.259		2541	
	5032		213			5372		200		
	4819		211			5172		201		
	4608		424			4971		401		
7	14459	4820		2962		15515	5.172		2942	
	6771		209			5964		213		
	6562		211			5751		213		
	6351		420			5538		426		
8	19684	6561		3382		17253	5.751		3368	
	4103		212			5283		212		
	3891		211			5071		212		
	3680		423			4859		424		
9	11674	3.891		3805		15213	5.071		3.792	
	4766		212			5240		209		
	4554		211			5031		209		
	4343		423			4822		418		
10	13663	4554		4228		15093	5.031		4210	
		47.388					57.198			

F.B. 1378 PG. 296

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:10-1:35 P.M. Rod No. 768

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-127 To BM 11-128
Date 4-16-52
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6328	47.388	208	4.228		3836	57.198	215	4.210	
	6120		208			3621		214		
	5912		416			3407		429		
11.	18360	6.120		4.444		10864	3.621		4.639	
	6059		211			3849		212		
	5848		211			3637		214		
	5637		422			3423		426		ONE HOUR FOR LUNCH
12	17544	5.848		5.066	84°	10909	3.636		5.065	
	8112		192			1084		192		
	7920		193			0892		191		
	7727		385			0701		383		
13.	23759	7.920		5.451	86°	2677	0.892		5.448	
	9470		197			1568		196		
	9273		194			1372		195		
	9079		391			1177		391		
14	27822	9.274		5.842		4117	1.372		5.839	
	8179		140			2867		139		
	8039		140			2728		141		
	7899		280			2587		280		
15.	24117	8.039		6.122		8182	2.727		6.119	
		84.589					69.446			

F.B. 1378 PG. 237

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:10-1:35 P.M. Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-127 To B.M. 11-128
Date 4-16-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.882	84.589	142	6.122		4517	69.440	145	6.119	
	7.740		142			4372		141		B.M. 11-128
	7598		284			4231		280		SEE F.B. 1376-115
16	23.220	7.740		6.406	86°	13.120	4.373		6.405	FOR DESCRIPTION
										SUMMATION OF RUN. B.M. 11-127 TO B.M. 11-128
										TOTAL BACKSIGHTS +92.329
										" FORESIGHTS −73.819
										DIFF. IN ELEVATION +18.510
		92.329					73.819			

F.B. 1378 PG. 238

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:40-2:50 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-128 To B.M. 11-129
Date 4-16-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7141		206		#7	2258		205		
	6935		205			2053		205		B.M. 11-128
	6730		411			1848		410		SEE F.B. 1376-115
1.	10806	6.935		411	86°	6159	2.053		410	FOR DESCRIPTION
	8414		214			0815		207		
	8200		213			0608		209		G.E. DREIER
	7987		427			0399		416		
2	24601	8.200		838		1822	0.607		826	
	9976		157			0532		155		
	9819		157			0377		155		
	9662		314			0222		310		
3	29457	9.819		1152		1131	0.377		1136	
	11850		149			0742		144		
	11701		150			0598		146		
	11551		299			0452		290		
4	35102	11.700		1451		1792	0.597		1426	
	10430		119			1081		115		
	10311		119			0966		115		
	10192		238			0851		230		
5	30933	10.311		1.689		2898	0.966		1.656	
		46.966					4.600			

F.B. 1278 PG. 239

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. SHINODA Time 1:40-2:50 PM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-128 To BM 11-129
Date 4-16-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9589	46.960	116	1.689		2283	4.600	115	1.656	
	9473		116			2168		115		
	9357		232			2053		230		
6	28419	9.473		1.921		6504	2.168		1.886	
	10352		204			3581		217		
	10148		206			3364		218		
	9942		410			3146		435		
7	30442	10.147		2.331		10091	3.364		2.321	
	4992		209			6193		214		
	4783		211			5979		211		
	4572		420			5768		425		
8	14347	4.782		2.751		17940	5.980		2.746	
	3140		212			6479		212		
	2928		211			6267		212		
	2717		423			6055		424		
9	8785	2.928		3.174		18801	6.267		3.170	
	3066		211			6439		214		
	2855		210			6225		212		
	2645		421			6013		426		
10	8566	2.855		3.595		18677	6.226		3.592	
		77.151					28.605			

F.B. 1378 PG. 240

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.F. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:40-2:50 P.M. Rod No. 7&8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4723
From BM 11-128 To BM 11-129
Date 4-16-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2825	77.151	212	3.595		5718	28.605	215	3.596	
	2613		211			5503		213		
	2402		423			5290		428		
11	7840	2.613		4018		16511	5.504		4024	
	4263		212			4796		214		
	4051		211			4582		212		
	3840		423			4370		426		
12	12154	4.051		4.441		13748	4.583		4.450	
	4499		211			5451		214		
	4288		210			5237		215		SUMMATION OF RON
	4078		421			5022		429		BM 11-128 TO BM 11-129
13	12865	4.288		4.862		15710	5.237		4.879	
	1513		212			11958		197		
	1301		212			11761		196		TOTAL BACKSIGHTS +90.481
	1089		424			11565		393		" FORESIGHTS -66.978
14	3903	1.301		5.286		35284	11.761		5.272	DIFF. IN ELEVATION +23.503
	1177		099			11449		161		
	1078		101			11288		161		BM 11-129 (WHITTIER F-1)
	0977		200			11127		322		SEE F.B. 1376-116
15.	3232	1.077		5.486	TC=	33864	11.288		3.594	FOR DESCRIPTION
		90.481					66.978			

F.B. 1578 PG. 241

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 60010
Notes by S. SHIMODA Time 1:40- Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 11-128 To BM 11-129
Date 4-16-52
Indexed

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

F.B. 1378 PG. 242

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER
Notes by S. SHINODA
Weather CLEAR
Time 3:10 - 3:50
Inst. No. 50010
Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-129 To BM 11-128
Date 4-16-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10682		140		#7	0450		119		BM 11-129 (WHITTIER F-1)
	10542		138			0331		121		SEE F.B. 1376:116
	10404		2781			0210		2401		FOR DESCRIPTION
1	31628	10.543		2781	80°	0991	10.330		2401	
	11890		197			1448		217		π G.E. DREIER
	11693		194			1231		214		
	11499		391			1017		431		
2	35082	11.694		669		3696	1.232		671	
	5217		215			4270		213		
	5002		212			4057		214		
	4790		427			3843		427		
3	15009	5.003		1096		12170	4.057		1098	
	4601		211			4072		211		
	4390		212			3861		213		
	4178		423			3648		424		
4	13169	4.390		1519		11581	3.860		1522	
	5733		213			2842		213		
	5520		212			2629		212		
	5308		425			2417		425		
5	16661	5.520		1944		7888	2.629		1947	
		37.150					12.108			

F.B. 1378 PG. 243

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather CLEAR Inst. No. 50010
Notes by S. Shinoda Time 3:10 TO 3:50 Rod No. 78

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-129 To B.M. 11-128
Date 4-16-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6457	37.150	215	1.944		3083	12.108	211	1.947	
	6242		213			2872		210		
	6029		428			2662		421		
6	18728	6.243		2.372		8617	2.872		2.368	
	6189		211			2851		213		
	5978		211			2638		213		
	5768		422			2425		426		
7	17935	5.978		1.794		7914	6.638		1.794	
	6053		214			4857		210		
	5839		212			4647		211		
	5627		426			4436		421		
8	17519	5.840		3.220		13940	4.647		3.215	
	3620		211			10401		210		
	3409		212			10191		212		
	3197		423			9979		422		
9	10226	3.409		3.643		30571	10.190		3.637	
	1733		115			9042		119		
	1618		116			8923		115		
	1502		231			8808		234		STOPPED 3:50 PM 4-16-52
10	4853	1.618		3.874	78°	26773	8.924		3.871	
		60.238					41.379			

F.B. 378 PG. 244

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:15 - 8:35 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-127 To BM 11-128
Date 4-17-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0549	0.238	117	3.874		9894	4.379	118	3.871	
	0432		115			9776		118		BEGAN 8:15 AM 4-17-52
	0317		232			9658		236		
11	1298	0.435		4107	67°	29328	9.776		4107	
	0710		144			11818		149		
	0566		144			11669		149		
	0422		288			11520		298		
12	1698	0.566		4394		35007	11.669		4405	
	0553		155			9991		155		
	0398		155			9836		157		SUMMATION OF L.N.
	0243		310			9679		312		B.M. 11-127 TO B.M. 11-128
13	1194	0.398		4704		29506	9.835		4717	
	1017		209			8617		215		
	0808		208			8402		215		TOTAL BACKSIGHTS 64.528
	0600		417			8187		430		" FORESIGHTS - 88.026
14	2425	0.808		5.127		25206	8.402		5.147	DIFF. IN ELEVATION 23.498
	2298		213			7165		200		
	2085		213			6965		200		B.M. 11-128
	1872		426			6765		400		SEE F.B. 1376:115
15	6255	2.085		5547	68°	20895	6.965		5547	FOR DESCRIPTION
		64.528					88.026			

F.B. 1378 PG. 245

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 378 PG. 246										

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:05 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 7923
From B.M. 11-129 To B.M. 1-16
Date 4-17-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1492		152		#7	11230		168		
	1340		150			11062		167		B.M. 11-129 (WHITTIER F-1)
	1190		302			10895		335		SEE F.B. 1376 116
1	4022	1.341		.302	73°	33187	11.062		.335	FOR DESCRIPTION
	0570		140			9741		153		
	0430		140			9588		151		π E. LANDA
	0290		280			9437		304		
2	1290	0.430		.582		28766	9.589		.639	
	1467		149			8211		143		
	1318		149			8068		146		
	1169		298			7922		289		
3	3954	1.318		.880		24201	8.067		.928	
	1180		188			8958		178		
	0992		187			8780		178		
	0805		375			8602		356		
4	2977	0.992		1.255		26340	8.780		1.284	
	0648		220			9955		207		
	0428		216			9748		206		
	0212		436			9542		413		
5	1288	0.429		1.691		29245	9.748		1.697	
		4.510					47.246			

F.B. 1378 PG. 247

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:05- Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-129 To BM 1-16
Date 4-17-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1266	4.510	211	1.691		10062	4.246	212	1.697	
	1055		214			9850		210		
	0841		425			9640		422		
6.	3162	1.054		3.116		29552	9.851		2.119	
	1198		216			9660		212		
	0982		212			9448		210		
	0770		428			9238		422		
7.	2950	0.983		2.544		28346	9.449		2.541	
	1194		214			10117		215		
	0980		210			9902		212		
	0770		424			9690		427		
8.	2944	0.981		2.968		29709	9.903		2.968	
	1549		216			7512		213		
	1333		213			7299		211		
	1120		429			7088		424		
9.	4002	1.334		3.397		21899	7.300		3.392	
	2868		210			8148		213		
	2658		213			7935		213		
	2445		423			7722		426		
10.	7971	2.657		3.820		23805	7.935		3.818	
		11.519					91.684			

F.B. 378 PG. 248

FORM 279 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:05-10:25AM Rod No. 748

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-129 To B.M. 1-16
Date 4-17-52
Indexed R. 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
	3062	11.519	214	3.820		8163	51.684	210	3.818	
	2848		215			7953		211		
	2633		429			7742		421		
11	8543	2.848		4.249		23858	7.953		4.239	
	2080		213			7448		218		
	1867		211			7230		215		
	1656		424			7015		433		
12	5603	1.868		4.673		21693	7.231		4.672	
	3080		213			7462		214		
	2867		212			7248		210		
	2655		425			7038		424		
13	8602	2.867		5.098		21748	7.249		5.096	
	5118		216			6677		214		
	4902		212			6463		211		
	4690		~~424~~ 428			6252		425		
14	14710	4.903		5.522		19392	6.464		5.521	
	4922		143			6202		134		
	4779		141			6068		135		
	4638		284			5933		269		
15	14339	4.780		5.8~~06~~ 10		18203	6.068		5.790	
		28.785					126.649			

F.B. 1878 PG. 249

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:05-10:25 AM Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-129 To BM 1-16
Date 4-17-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4661	28.785	136	5.806 10		6678	26.649	138	5.790	
	4525		135			6540		139		BM 1-16 (WHITTIER E-2)
	4390		271	81		6402		277 6	6	SEE F.B. 1202-21
16.	13576	4525		6.097	78°	19620	6.549		6.067	FOR DESCRIPTION
										SUMMATION OF RUN BM 11-129 to BM 1-16
										TOTAL BACKSIGHTS +33.310
										" FORESIGHTS -133.189
										DIFF. IN ELEVATION -99.879
		33.310					133.189			

F.B. 378 PG. 250

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:30 – 11:40AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-16 To BM 11-129
Date 4-17-5
Indexed [redacted] 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
	6690		137		#7	4679		138		
	6553		133			4541		138		B.M. 1-16 (WHITTIER E-2)
	6420		270			4403		276		SEE F.B. 1202-21
1.	19663	6.554		270	78°	13623	4541		276	FOR DESCRIPTION
	6214		133			4939		142		
	6081		133			4797		144		⊼ E. LAND
	5948		266			4653		286		
2.	18243	6.081		536		14389	4796		562	
	6769		219			5195		206		
	6550		218			4989		209		
	6332		437			4780		415		
3	19651	6.550		973		14964	4988		977	
	7698		216			3315		213		
	7482		212			3102		211		
	7270		428			2891		424		
4	22450	7.483		1401		9308	3103		1401	
	7418		216			2050		211		
	7202		213			1839		213		
	6989		429			1626		424		
5.	21609	7.203		1830		5515	1.838		1.825	
		33.871					19.266			

F.B. 1378 PG. 251

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ~~H. F. NAUMANN~~ G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:30-11:40 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 11-129 To BM 1-16
Date 4-17-52
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
	8129	33.871	214	1.830		3022	19.266	212	1.825	
	7915		212			2810		212		
	7703		426			2598		424		
6	23747	7.916		2256		8430	2.810		2.249	
	8080		212			2800		212		
	7868		213			2588		210		
	7655		425			2378		422		
7	23603	7.868		2.681		7766	2.589		2.671	
	7529		211			1568		215		
	7318		213			1353		213		
	7105		424			1140		428		
8	21952	7.317		3.105		4061	1.354		3.099	
	10138		215			1212		212		
	9923		211			1000		212		
	9712		426			0788		424		
9	29773	9.924		3.531		3000	1.000		3.523	
	9668		213			1210		215		
	9455		210			0995		215		
	9245		423			0780		430		
10	28368	9.456		3.954		2985	0.995		3.953	
		76.352					28.014			

F.B. 378 PG. 252

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:30 - 11:40AM Rod No. 788

Name L.A.Co PRECISE LEVEL NET
Job No. 4923
From BM 1-16 To BM 11-129
Date 4-17-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9980	76.352	212	3.954		1188	28.014	214	3.953	
	9768		213			0974		212		
	9555		425			0762		426		
11	29303	9.768		4379		2924	0.975		4379	
	9950		210			0638		216		
	9740		209			0422		214		
	9531		419			0208		430		
12	29221	9.740		4798		1268	0.423		4809	
	9040		182			1255		185		
	8858		180			1070		185		
	8678		362			0885		370		
13	26576	8.859		5160		3210	1.070		5179	
	8193		143			1450		150		
	8050		145			1300		149		
	7905		288			1151		299		
14	24148	8.049		5448		3901	1.300		5478	
	9660		148			0502		145		
	9512		145			0357		147		
	9367		293			0210		292		
15.	28539	9.513		5741		1069	0.356		5770	
		122.281					32.138			

FB 1878 PG 2553

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:30-11:40 AM Rod No. 7 & 8

Name LA Co. PRECISE LEVEL NET
Job No. 4923
From BM. 1-16 To BM. 11-129
Date 4-17-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.280	11.228	170	5.741		1542	13.138	152	5.770	
	11.110		167			1390		150		BM. 11-129 (WHITTIER F-1)
	10.943		337			1240		302		SEE F.B. 1376-116
16	33333	11.111		6.078	82°	4172	13.911		6.072	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 1-16 TO BM 11-129
										TOTAL BACKSIGHTS +133.392
										" FORESIGHTS - 33.529
										DIFF. IN ELEVATION + 99.863
F.B. 1378 PG. 254										
		133.392					33.529			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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. 50910
Notes by S. SHINODA Time 2:45-3:40PM Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From BM 11-129 To BM 1-16
Date 4-17-52
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1377		158		#7	11101		161		
	1219		157			10940		162		BM 11-129 (WHITTIER F-1)
	1062		315			10778		323		SEE FB 1376-116
1	3658	1.219		315	77°	32819	10.940		323	FOR DESCRIPTION
	0505		145			9661		146		
	0360		146			9515		145		π G.E. DREIER
	0214		291			9370		291		
2	1079	0.360		606		28546	9.515		614	
	1566		147			8312		145		
	1419		147			8167		146		
	1272		294			8021		291		
3	4257	1.419		900		24500	8.167		905	
	1313		182			9101		183		
	1131		181			8918		181		
	0950		363			8737		364		
4	3394	1.131		1263		26756	8.919		1269	
	0722		212			10041		211		
	0510		213			9830		212		
	0297		425			9618		423		
5.	1529	0.510		1688		29489	9.830		1692	
		4.639					47.371			

FB 1378 PG 255

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:40-3:40 PM Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-129 To B.M. 1-16
Date 4-17-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1200	4.639	213	1.688		9993	47.371	211	1.692	
	0987		212			9782		211		
	0775		425			9571		422		
6	2962	0.987		2.113		29346	9.782		2.114	
	1241		214			9699		210		
	1027		214			9489		210		
	0813		428			9279		420		
7	3081	1.027		2.541		28467	9.489		2.534	
	1268		214			10190		211		
	1054		211			9979		210		
	0843		425			9769		421		
8	3165	1.055		2.966		29938	9.979		2.955	
	1607		213			7569		210		
	1394		213			7359		211		
	1181		426			7148		421		
9	4182	1.394		3.392		22076	7.359		3.376	
	2858		209			8142		215		
	2649		209			7927		215		
	2440		418			7712		430		
10	7947	2.649		3.810		23781	7.927		3.806	
		11.751					91.507			

F.B. 1378 PG. 256

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:40-3:40 P.M. Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-12 To B.M. 1-16
Date 4-17-52
Indexed R. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3071	11.751	212	3.810		8176	91.907	213	3.806	
	2859		211			7963		212		
	2648		423			7751		425		
11	8578	2.859		4233		23890	7.963		4231	
	2288		215			7647		213		
	2073		211			7434		212		
	1862		426			7222		425		
12	6223	2.074		4659		22303	7.434		4656	
	3362		211			7742		211		
	3151		211			7531		211		
	2940		422			7320		422		
13	9453	3.151		5081		22593	7.531		5078	
	5172		213			6732		211		
	4959		212			6521		212		
	4747		425			6309		423		
14	14878	4.959		5506		19562	6.521		5501	
	4963		140			6242		135		
	4823		140			6107		136		
	4683		280			5971		271		
15.	14469	4.823		5786		18320	6.107		5772	
		29.617					127.463			

F.B. 1378 PG. 257

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 2:40-3:40 PM Rod No. 7&8

Name L.A.Co. PRECISE LEVEL NET
Job No. 4923
From B.M. 11-129 To B.M. 1-16
Date 4-17-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4438	29.617✓	137	5.786✓		6450	127.463✓	136	5.772✓	
	4301		137			6314		135		B.M. 1-16 (WHITTIER E-2)
	4164		2740			6179		271✓		SEE F.B. 1202-
16	12903✓	4.301✓		6.060✓	77°	18943✓	6.314✓		6.043✓	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 11-129 TO B.M. 1-16
										TOTAL BACKSIGHTS +33.918✓
										" FORESIGHTS -133.777✓
										DIFF. IN ELEVATION -99.859✓
		33.918✓					133.777✓			

F.B. 1378 PG. 258

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:45-11:00 AM Rod No. 7&8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 1-16 To BM 1
Date 4-18-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5718		213		#7	6742		212		
	5505		209			6530		212		BM 1-16 (WHITTIER E-2)
	5296		422			6318		424		SEE F.B 1202-61
1	16519	5.506		.422	60°	19590	6.530		.424	FOR DESCRIPTION
	4830		212			5938		215		
	4618		216			5723		212		TE LANDA
	4402		428			5511		427		
2	13850	4.617		.850		17172	5.724		.851	
	4560		210			7290		212		
	4350		211			7078		213		
	4139		421			6865		425		
3	13049	4.350		1.271		21233	7.078		1.276	
	4320		212			6116		214		
	4108		210			5902		212		
	3898		422			5690		426		
4	12326	4.109		1.693		17708	5.903		1.702	
	5228		216			5209		214		
	5012		212			4995		214		
	4800		428			4781		428		
5	15040	5.013		2.121		14985	4.995		2.130	
		23.595					30.230			

F.B. 1378 PG. 252

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:45-11:00 A.M. Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 4923
From BM 1-16 To BM 2-15
Date 4-18-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4681	23.595	211	2121		5518	30.280	216	2130	
	4470		213			5102		212		
	4257		424			4890		428		
6.	13408	4469		2545		15310	5.103		2558	
	5095		214			5705		211		
	4881		213			5494		214		
	4668		427			5280		425		
7	14644	4881		2972		16479	5.493		2983	
	4968		212			5395		215		
	4756		208			5180		215		
	4548		420			4965		430		
8	14272	4757		3392		15540	5.180		3413	
	5032		212			5635		215		
	4820		212			5420		215		
	4608		424			5205		430		
9	14460	4820		3816		16260	5.420		3843	
	5095		219			5567		208		
	4880		219			5359		210		
	4661		438			5149		418		
10.	14640	4880		4254		16075	5.358		4264	
		47.402					56.784			

F.B. 378 PG. 260

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:25-11:00 AM Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-16 To BM 2-15
Date 4-18-52
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4805	47.402	215	4.254		5440	56.784	212	4.264	
	4590		212			5228		213		
	4378		427			5015		425		
11.	13773	4.591		4.681		15683	5.228		4.686	
	4614		213			4092		212		
	4401		211			3880		210		
	4190		424			3670		422		
12	13205	4.402		5.105		11642	3.881		5.108	
	3734		212			6380		217		
	3522		212			6163		213		
	3310		424			5950		430		
13	10566	3.522		5.529		18493	6.164		5.538	
	4986		213			5560		215		
	4773		211			5345		213		
	4562		424			5132		428		
14	14321	4.774		5.953		16037	5.346		5.966	
	5302		212			5608		213		
	5090		212			5395		213		
	4878		424			5182		426		
15.	15270	5.090		6.377		16185	5.395		6.392	
		69.781					82.798			

F.B. 1378 PG. 261

1378

Chief of Party G. E. DREIER
Notes by S. SHINODA

Weather: FORCAST
Time: 11:00 AM

Inst: [illegible]
R No. 76

Name: L. A. CO. PRECISE LEVEL NET
Job No. 4925
From B.M. 1-16 To B.M. 2-15
Date 4-16-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	Rod Reading	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5038	6.781	220	6.877		5085	8.098	207	6.392	
	4818		218			4878		208		
	4600		4381			4670		415		
16.	14456	4.819		6.815		14633	4.878		6.807	
	5082		214			5400		216		
	4868		214			5184		212		
	4654		428			4972		428		
17	14604	4.868		7.243		15556	5.185		7.235	
	4921		212			5120		217		
	4709		210			4903		213		SUMMATION OF RUN
	4499		422			4690		430		B.M. 1-16 TO B.M. 2-15
18	14129	4.710		7.665		14713	4.904		7.665	
	5078		211			5392		215		TOTAL BACKSIGHTS +94.447
	4867		212			5177		216		" FORESIGHTS - 109.746
	4655		423			4961		431		DIFF. IN ELEVATION - 15.299
19	14600	4.867		8.088		15530	5.177		8.096	
	5566		165			6963		160		
	5401		162			6803		158		B.M. 2-15
	5239		327			6645		318		SEE F.B. 1202-22
20	16206	5.402		8.415	69°	10411	6.804		8.414	FOR DESCRIPTION
		94.447					109.746			

F.B. 1378 PG. 262