F.B. 1389 PG. 5

~~LINE NO 1 [illegible]~~

JOB NO 4923

L.A. COUNTY PRECISE LEVEL NET

FROM B.M. 1-24, AT SAN GABRIEL BLVD AND GRANDVIEW AVE. TO B.M. 1-30 AT S.P. R.R. STATION AT SAN GABRIEL

DREIER
LANDA
SHINODA
SONNENSCHEIN
OHASHI
BLACK

Chief of Party
Notes by

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	Rod and Temp.	Thread Intervals	Sum of Intervals	Inst. No. Rod No.	Sum of Intervals	DESCRIPTION AND REMARKS

Date L.A. CO. PRECISE LEVEL NET
Job No. 4923
Time
To
Exec. Johnson 11-14-52

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... 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. 389 PG. 6										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:45-2:00 PM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-24 To B.M. 1-25
Date 11-12-52
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
	1847		290		#5	11868		193		B.M. 1-24 (EL MONTE 8-7)
	1647		197			11675		192		SAN GABRIEL BLVD & GRANDVIEW AVE
	1450		397			11483		385		SEE F.B. 1202-28
1	4944	1.648		.397	65°	35026	11.675		.385	FOR DESCRIPTION
	0477		153			7552		150		
	0324		150			7402		146		⊼ E LANDA
	0174		303			7256		296		
2	0975	0325		.700		22210	7.403		.681	
	6042		209			3564		220		
	5833		206			3344		216		
	5627		415			3128		436		
3	17502	5834		1.115		10036	3.345		1.117	
	5175		214			6762		213		
	4961		212			6549		212		
	4749		426			6337		425		
4	14885	4962		1.541		19648	6.549		1.542	
	4971		215			4700		212		
	4756		213			4488		212		
	4543		428			4276		424		
5	14270	4757		1.969		13464	4.488		1.900	
		17.526					33.460			

F.B. 1387 PG. 7

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather CLEAR Inst. No. 50010
Notes by S. Shinoda Time 10:45-2:00 PM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-24 To BM 1-25
Date 11-12-52
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
	6682	17.524	173	1969		7131	33.260	175	1966	
	6509		175			6956		176		
	6334		348			6780		351		
6	19525	6.508		2317		20867	6.956		2317	
		24.034					40.216			BM EL MONTE B-7A
										SAN GABRIEL BLVD & BLEEKER ST
	2960		172			11279		177		
	2788		176			11102		177		
	2612		348			10925		354		
7	8360	2787		2665		33306	11102		2671	
	0462		131			11772		154		
	0331		130			11618		156		
	0201		261			11462		310		
8	0994	0331		2926		34852	11617		2981	
	0409		117			10210		098		
	0292		118			10112		096		
	0174		235			10018		192		
9	0875	0.292		3161		30340	10.113		3175	
		27.444					73.248			

F.B. 1389 PG. 8

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 10-25-2:00PM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-24 To B.M. 1-25
Date 11-12-52
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
	0450	17.424	120	3.161		10172	73.248	112	3.173	
	0330		119			10060		115		
	0211		239			9945		227		
10	0991	0.330		3.400		301.77	10.059		3.400	
	0678		132			11038		134		
	0546		131			10904		132		
	0415		263			10772		266		
11	1639	0.546		3.663		32714	10.905		3.666	
	0757		160			7188		161		
	0597		161			7027		163		
	0436		321			6864		324		
12	1790	0.597		3.984		21079	7.026		3.990	
	5558		148			2359		151		
	5410		148			2208		148		
	5262		296			2060		299		
13	16230	5.410		4.280		6627	2.209		4.289	
	10513		164			1489		169		
	10349		164			1320		158		
	10185		328			1162		318		
14	31047	10.349		4.608		3962	1.32		4.607	
		44.670					104.768			

F.B. 1389 PG. 2

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:15-2:00 P.M. Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-24 To BM 1-25
Date 11-12-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9018	4476	209	4608		4287	4268	207	4607	
	8809		207			4080		203		
	8602		416			3877		410		
15	26429	8810		5024		12244	4081		5017	
	4528		111			6616		109		
	4417		111			6507		109		ONE HOUR FOR LUNCH
	4306		222			6398		218		
16	13251	4417		5246	75°	19521	6507		5235	
		57.903					115.356			BM EL MONTE B-6
										SAN GABRIEL BLVD & GRAVES AVE
	2819		187			6990		187		
	2632		187			6803		186		
	2445		374			6617		373		
17	7896	2632		5620	70°	20410	6803		5605	
	5276		214			5892		213		
	5062		212			5679		212		
	4850		426			5467		425		
18	15188	5063		6046		17038	5679		6033	
		65598					127.938			

F.B. 389 PG. 10

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DRAIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:45-2:00 PM Rod No. 5FL

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-24 To B.M. 1-25
Date 11-12-52
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
	5021	6.598	212	6.042		5114	127.838	212	6.033	
	4809		211			4902		213		
	4598		423			4689		425		
19	14428	4809		6469		14705	4902		6458	
	4313		213			7687		211		
	4100		212			7476		209		
	3888		425			7267		420		
20	12301	4100		6894		22430	7477		6878	
	0955		214			8416		213		
	0741		213			8203		210		
	0528		427			7993		423		
21	2224	0.741		7321		24612	8.204		7301	
	3411		214			4933		213		
	3197		214			4720		212		
	2983		428			4508		425		
22	9591	3.197		7709		14161	4720		7726	
	5291		211			6837		214		
	5080		210			6623		214		
	4870		421			6409		428		
23	15241	5.080		8170		19869	6.623		8154	
		83.525					159.764			

F.B. 1389 PG. 11

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:45-2:00 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-24 To B.M. 1-25
Date 11-12-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6640	83.525	207	8.170		5156	154.761	219	8.154	
	6433		208			4937		218		
	6225		415			4719		437		
24	19298	6.433		8.585		14812	4.937		8.591	
	6810		212			4321		212		
	6598		211			4109		212		SUMMATION OF RUN
	6387		423			3897		424		B.M. 1-24 TO B.M. 1-25
25	19795	6.598		9.008		12327	4.109		9.015	
	7342		213			3762		215		TOTAL BACKSIGHTS 4109.849
	7129		211			3547		216		" FORE " 179.203
	6918		424			3331		431		DIFF IN ELEVATION 69.354
26	21389	7.130		9.432		10640	3.547		9.440	
	6389		227			7069		223		BM 1-25 (EL MONTE B.S)
	6162		223			6846		222		SAN GABRIEL BLVD & GARVEY AVE
	5939		450			6624		445		SEE F.B. 1202-29
27	18490	6.163		9.882	70°	20539	6.846		9.891	FOR DESCRIPTION
		109.849					179.203			

F.B. 1389 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 G E DREIER Weather CLEAR Inst. No. 50010
Notes by J SHINODA Time 2:00-3:35 PM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-25 To BM 1-24
Date 11-12-52
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
	7140		227		#5	6452		222		BM 1-25 (EL MONTE B-5)
	6913		224			6230		222		SAN GABRIEL BLVD & GARVEY AVE
	6689		451			6008		444		SEE F.B. 1202-29
1	20742	6.914		451	70°	18690	6.230		444	FOR DESCRIPTION
	3805		214			7387		215		
	3591		212			7172		212		TO GE DREIER
	3379		426			6960		427		
2	10775	3.592		877		21519	7.173		871	
	4252		213			6738		213		
	4039		214			6525		212		
	3825		427			6313		425		
3	12116	4.039		1304		19576	6.525		1296	
	5157		215			6649		212		
	4942		215			6437		210		
	4727		430			6227		422		
4	14826	4.942		1734		19313	6.438		1718	
	6857		215			5307		213		
	6642		213			5094		210		
	6429		428			4884		423		
5	19928	6.643		2162		15285	5.095		2146	
		26.190					31.461			

F.B. 1389 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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:00 - 3:35 P.M. Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-25 To BM 1-24
Date 11-12-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4988	2.130	214	2.162		3467	3.261	213	2.141	
	4774		213			3254		214		
	4561		427			3040		427		
6	14323	4.774		2.589		9761	3.254		2.568	
	8342		208			0884		217		
	8134		206			0667		217		
	7928		414			0450		434		
7	24404	8.135		3.003		2001	0.667		3.002	
	7683		210			4315		213		
	7473		209			4102		212		
	7264		419			3890		425		
8	22420	7.473		3.422		12307	4.102		3.427	
	5142		212			4849		211		
	4930		212			4638		211		
	4718		424			4427		422		
9	14790	4.930		3.846		13914	4.638		3.849	
	5596		214			5177		214		
	5382		212			4963		213		
	5170		426			4750		427		
10	16148	5.383		4.272		14890	4.963		4.276	
		56.825					49.015			

F.B. 1389 PG. 14

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:00-3:35 P.M. Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-25 To B.M. 1-26
Date 11-12-52
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
	7025	56.825	187	4272		2848	49.085	189	4276	
	6838		188			2659		187		
	6650		375			2472		376		
11	20513	6838		4647		7979	2660		4652	
		63.663					51.745			BM ELMONTE B.C. SAN GABRIEL BLVD & GRAVES AVE.
	6580		111			4492		111		
	6469		110			4381		110		
	6359		221			4271		221		
12	19408	6469		4868		13144	4381		4873	
	4680		208			9408		208		
	4472		204			9200		205		
	4268		412			8995		413		
13	13420	4473		5280		27603	9201		5286	
	0819		161			9850		162		
	0658		161			9688		163		
	0497		322			9526		325		
14	1974	0658		5602		29063	9688		5611	
		75263					75015			

F.B. 1389 PG. 15

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINADA Time 2:00-3:35 Rod No. 5 E C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-25 To B.M. 1-24
Date 11-12-52
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
	2369	7.5263	150	5.602		5565	7.5015	147	5.611	
4	2219		150			5418		147		
	2069		300			5271		294		
15	6657	2.219		5.902		16254	5.418		5.905	
	7398		160			0973		162		
	7238		159			0811		163		
	7079		319			0648		325		
16	21715	7.238		6.221		2432	0.811		6.230	
	11058		133			0695		131		
	10925		132			0564		131		
	10793		265			0433		262		
17	32776	10.925		6.486		1692	0.564		6.492	
	10339		119			0610		117		
	10220		118			0493		115		
	10102		237			0378		232		
18	30661	10.220		6.723		1481	0.494		6.724	
	10581		101			0768		113		
	10480		102			0655		111		
	10378		203			0544		224		
19	31439	10.480		6.926		1967	0.656		6.948	
		16.345					8.958			

F.B. 1389 PG. 16

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 2:00-3:35 PM Rod No. S & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-25 To B.M. 1-24
Date 11-12-52
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
	12002	11.345	162	6926		0679	92.958	123	6948	
	11840		162			0556		123		
	11678		324			0433		246		
20	35520	11.840		7250		1668	0.556		7194	
	11239		168			3138		186		
	11071		167			2952		182		
	11104		335			2770		368		
21	33814	11.271		7585		8860	2.953		7562	
		139.456					86.467			BM EL MONTE B-7A SAN GABRIEL BLVD & BREKER ST
	7113		176			6667		175		
	6937		178			6492		171		
	6759		354			6321		346		
22	20809	6.936		7939		19480	6.493		7908	
	4761		211			5036		218		
	4550		210			4818		216		
	4340		421			4602		434		
23	13651	4.550		9350		14456	4.819		8342	
		150.942					97.779			

F.B. 1389 PG. 17

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:00-3:35 Rod No. 5-EC

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-25 To BM 1-24
Date 11-12-52
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
	6832	150.922	214	8350		5242	97.779	215	8342	
	6618		215			5033		213		
	6403		429			4820		428		
24	19853	6618		8779		15101	5034		8770	
	3631		213			6119		212		
	3418		213			5907		215		SUMMATION OF RUN
	3205		426			5692		427		BM 1-25 TO BM 1-24
25	10254	3418		9205		17718	5906		9197	
	7728		152			0647		148		TOTAL BACKSIGHTS + 180.148
	7576		154			0499		147		FORESIGHTS − 110.782
	7422		306			0352		295		DIFF IN ELEVATION + 69.366
26	22726	7575		9511		1498	0499		9492	
	11782		187			1767		202		BM 1-24 (ELMONTE B-7)
	11595		188			1565		202		SAN GABRIEL BLVD & GRANDVIEW AVE
	11407		375			1363		406		SEE F.B. 1202-28
27	34784	11595		9886	65°	4691	1564		9898	FOR DESCRIPTION
		180148					110.782			

F.B. 1389 PG. 18

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 3:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-25 To B.M. 1-26
Date
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.729		216		#5	4.988		216		B.M. 1-25 EL MONTE B-5
	5.513		213			4.772		212		SAN GABRIEL BLVD & GARVEY
	5.300		429			4.560		428		SEE F.B. 1202-29
1	16.542	5.514		.429	86°	14.320	4.773		.428	FOR DESCRIPTION
	6.389		213			4.454		216		
	6.176		214			4.238		213		T. E. LANDA
	5.962		427			4.025		429		
2	18.527	6.176		.856		12.717	4.239		.857	
	6.318		212			4.562		214		
	6.106		209			4.348		215		
	5.897		421			4.133		429		
3	18.321	6.107		1.277		13.043	4.348		1.286	
	6.530		212			4.010		212		
	6.318		214			3.798		213		
	6.104		426			3.585		425		
4	18.952	6.317		1.703		11.393	3.798		1.711	
	6.813		215			4.038		218		
	6.598		214			3.820		215		
	6.384		429			3.605		433		
5	19.795	6.598		2.132		11.463	3.821		2.144	
		30.712					20.979			

F.B. 1389 PG. 16

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-25 To B.M. 1-26
Date 10-27-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.086	30.712	214	2.132		3.767	20.979	217	2.144	
	6.872		213			3.550		213		
	6.659		427			3.337		430		
6	20.617	6.872		2.559		10.654	3.551		2.574	
	7.138		216			2.698		215		
	6.922		212			2.483		211		
	6.710		428			2.272		426		
7	20.770	6.923		2.987		7.453	2.484		3.000	
	6.947		215			4.222		215		
	6.732		212			4.007		215		
	6.520		427			3.792		430		
8	20.199	6.733		3.414		12.021	4.007		3.430	
	6.079		139			4.624		136		
	5.940		138			4.488		137		
	5.802		277			4.351		273		
9	17.821	5.940		3.691		13.463	4.488		3.703	
	6.070		137			5.737		136		
	5.933		134			5.601		132		
	5.799		271			5.469		268		
10	17.802	5.934		3.962		16.807	5.602		3.971	
		63.114					41.111			

F.B. 1529 PG. 26

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C.E. DREIER Weather CLEAR Inst. No. 50010
Notes by C.E. DREIER Time 1:00 TO 3:00 P.M. Rod No. 5 E6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4953
From B.M. 1-25 To B.M. 1-26
Date 10-27-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		63.114		3.962			61.111		3.921	T.P. EL MONTE B-4
										SAN GABRIEL BLVD & HELLMAN AVE.
	7.448		216			4.027		215		
	7.232		215			3.812		214		
	7.017		431			3.598		429		
11	21.697	7.232		4.393		11.437	3.812		4.406	
	6.954		216			3.863		211		
	6.738		218			3.652		210		
	6.520		434			3.442		421		
12	20.212	6.737		4.827		10.957	3.652		4.821	
	8.532		213			6.187		210		
	8.319		215			5.977		210		
	8.104		428			5.767		420		
13	24.955	8.318		5.255		17.931	5.977		5.241	
	5.322		212			5.053		215		
	5.110		211			4.838		215		
	4.899		423			4.623		430		
14	15.331	5.110		5.678		14.514	4.838		5.671	
		90.511					59.390			

F.B. 1389 PG. 21

FORM 375 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 3:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-25 To BM 1-26
Date 10-27-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.240	90.511	210	5.678		4.458	5.690	217	5.671	
	6.030		211			4.241		213		
	5.819		421			4.028		430		
15	18.089	6.030		6.099		12.727	4.242		6.101	
	6.074		215			3.875		213		
	5.859		216			3.662		210		
	5.643		431			3.452		423		
16	17.576	5.859		6.530		10.989	3.663		6.524	
	6.001		213			3.387		217		
	5.788		212			3.170		213		
	5.576		425			2.957		430		
17	17.365	5.788		6.955		9.514	3.171		6.954	
	6.931		213			4.118		214		
	6.718		210			3.904		211		
	6.508		423			3.693		425		
18	20.157	6.719		7.378		11.715	3.905		7.379	
	6.998		215			3.772		213		
	6.783		212			3.559		211		
	6.571		427			3.348		424		
19	20.352	6.784		7.805		10.679	3.560		7.803	
		121.691					77.931			

F.B. 389 PG 22

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:00 to 3:00 Rod No. 5 #6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-25 To B.M. 1-26
Date 10-27-52
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
	7053	121.694	214	7.805		3813	77.931	215	7.803	
	6839		212			3598		215		
	6627		426			3383		430		
20	20519	6.840		8.231		10.794	3.598		8.233	
	7080		210			3832		213		
	6870		212			3619		216		SUMMATION OF RUN
	6658		422			3403		429		B.M. 1-25 TO B.M. 1-26
21	20608	6869		8653		10.854	3.618		8.662	TOTAL BACKSIGHTS +147.909
	6835		215			4028		214		TOTAL FORESIGHTS -94.174
	6620		213			3814		214		DIFF IN ELEVATION +53.735
	6407		428			3600		428		
22	19862	6.624		9081		11.442	3.814		9.090	
	6077		189			5395		183		B.M. 1-26 (EL MONTE B-3)
	5888		189			5212		180		SAN GABRIEL BLVD & VALLEY BLVD.
	5699		378			5032		363		SEE F.B. 1202-30
23	17664	5.888		9.459	84°	15.639	5.213		9.453	FOR DESCRIPTION
		147.909					94.174			

F.B. 1389 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 ..... 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. 1383 PG. 24										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:45-11:15 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET.
Job No. 4929
From B.M. 1-26 To B.M. 1-25
Date 10-28-52
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
	5992		183		#5	6661		186		B.M. 1-26 (ELMONTE B-3)
	5809		184			6475		187		SAN GABRIEL BLVD & ALLEY BLVD
	5625		367			6288		373		SEE F.B. 1202-30
1	17426	5.809		.367	83°	19424	6.475		.373	FOR DESCRIPTION
	4078		216			6884		214		
	3862		213			6670		212		↑ E LANDA
	3649		429			6458		426		
2	11589	3.863		.796		20012	6.671		.799	
	3909		213			7153		213		
	3696		215			6940		209		
	3481		428			6731		422		
3	11086	3.695		1.224		20824	6.941		1.221	
	3837		217			7077		214		
	3620		217			6863		211		
	3403		434			6652		425		
4	10860	3.620		1.658		20592	6.864		1.640	
	3810		212			7033		213		
	3598		211			6820		212		
	3387		423			6608		425		
5	10795	3.598		2.081		20461	6.820		2.071	
		20.585					33.771			

F.B. 1389 PG. 25

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. F. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 7:45-11:15 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-26 To B.M. 1-25
Date 10-28-52
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
	4064	20.585	212	2.081		6880	[illegible]	211	2071	
	3852		210			6669		211		
	3642		422			6458		422		
6	11558	3.853		2503		20007	6.669		2493	
	3388		216			6000		215		
	3172		214			5785		212		
	2958		430			5573		427		
7	9518	3.173		2933		17358	5.786		2920	
	3923		212			6124		215		
	3711		211			5909		213		
	3500		423			5696		428		
8	11134	3.711		3356		17729	5.910		3348	
	4442		211			6238		219		
	4231		207			6019		217		
	4024		418			5802		436		
9	12697	4.232		3774		18059	6.020		3784	
	5020		217			5292		213		
	4803		213			5079		210		
	4590		430			4869		423		
10	14413	4.804		4204		15240	5.080		4207	
		40.358					63.236			

F.B. 1389 PG. 26

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:45-11:15 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-26 To B.M. 1-25
Date 10-28-52
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
	6155	40358	213	4204		8495	63.236	215	4207	
	5942		210			8280		212		
	5732		423			8068		427		
11	17829	5943		4627		24843	8281		4634	
	3688		215			6769		212		
	3473		215			6557		211		
	3258		430			6346		423		
12	10419	3473		5057		19672	6557		5057	
	3912		213			7328		215		
	3699		213			7113		212		
	3486		426			6901		427		
13	11097	3699		5483		21342	7114		5484	
		53473					85.188			T.P. EL MONTE B.M. SAN GABRIEL BLVD & HELLMAN AVE.
	5697		136			6030		135		
	5561		135			5895		133		
	5426		271			5762		268		
14	16684	5561		5754		17687	5896		5752	
		59.034					91.084			

F.B. 1389 PG. 27

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:45-11:15 AM Rod No. 5 & C

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 1-26 To B.M. 1-25
Date 10-28-52
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
	4553	5903	137	5754		6002	5882	137	5752	
	4416		137			5865		135		
	4279		274			5730		272		
15.	13248	4416		6028		17597	5866		6024	
	4198		217			6922		212		
	3981		215			6710		211		
	3766		432			6499		423		
16	11945	3982		6460		20131	6710		6447	
	2680		213			7118		216		
	2467		216			6902		213		
	2251		429			6689		429		
17	7398	2466		6889		20709	6903		6876	
	3773		214			7099		214		
	3559		215			6886		213		
	3344		429			6672		427		
18	10676	3557		7318		20656	6885		7303	
	3978		214			6759		218		
	3764		211			6541		212		
	3553		425			6324		430		
19.	11295	3765		7743		19624	6541		7731	
		77.222					123.989			

F.B. 1389 PG. 28

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 60010
Notes by S. SHINODA Time 9:45-11:15AM Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-26 To B.M. 1-25
Date 10-28-52
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
	3978	77.222	215	7.743		6500	123.989	213	7.738	
	3763		211			6287		214		
	3552		426			6073		427		
20	11293	3.764		8.169		18860	6.287		8.165	
	4550		214			6304		211		
	4336		214			6093		212		SUMMATION OF RUN
	4122		428			5881		423		BM 1-26 TO BM 1-25
21	13008	4336		8597		18278	6.093		8588	
	4487		217			6424		213		TOTAL BACKSIGHTS +94.328
	4270		213			6211		213		FORESIGHTS -148.050
	4057		430			5998		426		DIFF. IN ELEVATION -53.722
22	12814	4271		9027		18633	6.211		9014	
	4949		214			5683		213		BM 1-25 (ELMONTE B-5)
	4735		213			5470		213		SAN GABRIEL BLVD. GARVEY AVE.
	4522		427			5257		426		SEE F.B. 1202-25
23	14206	4735		9454	89°	16410	5.470		9440	FOR DESCRIPTION
		94.328					148.050			

F.B. 1309 PG. 29

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1389 PG. 30										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. NR 142552
Notes by S. SHINODA Time 11:10-12:00 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.P. EL MONTE B.M. To B.M. 1-26
Date 10-30-52
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
	8102		724		#5	4693		732		T.P. EL MONTE B.M.
	7378		726			3961		733		SAN GABRIEL BLVD & HELLMAN AVE
	6652		1450			3228		1465		
1	22132	7.377		1450	70°	11892	3.961		1465	
	7592		729			4511		726		
	6863		729			3785		728		T.E. LANDA
	6134		1458			3057		1454		
2	20589	6.863		2908		11353	3.784		2919	
	9280		723			6936		723		
	8557		725			6213		723		
	7832		1448			5490		1446		
3	25669	8.556		4356		18639	6.213		4365	
	5981		720			5724		732		
	5261		721			4992		734		
	4540		1441			4258		1466		
4	15782	5.261		5797		14974	4.991		5831	
	6851		725			5060		728		
	6126		726			4332		725		
	5400		1451			3607		1453		
5	18377	6.126		7248		12999	4.333		7284	
		34.183					23.282			

F.B. 1389 PG. 31

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. NR 142552
Notes by S. SHINODA Time 11:10-12:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.P. ELMONTE BA To B.M. 1-26
Date 10-30-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6827	34.183	739	7248		4612	[illegible]	717	7284	
	6088		736			3895		719		
	5352		1475			3176		1436		
6	18267	6.089		8723		11683	3.894		8720	
	6783		722			4179		736		
	6061		721			3443		736		
	5340		1443			2707		1472		
7	18184	6.061		10166		10329	3.443		10192	
	7608		718			4799		721		
	6890		720			4078		722		
	6170		1438			3356		1443		
8	20668	6.889		11604		12233	4.078		11635	
	7798		728			4566		721		
	7070		728			3845		725		
	6342		1456			3120		1446		
9	21210	7.070		13060		11531	3.844		13081	
	7759		724			4529		733		
	7035		728			3796		735		
	6307		1452			3061		1468		
10	21101	7.034		14512		11386	3.795		14549	
		67.526					42.936			

F.B. 1389 PG. 32

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. NR 142552
Notes by S. SHINODA Time 11:10-12:00 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From T.P. ELMONTE B-4 to B.M. 1-26
Date 10-30-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7909	7.326	722	14.512		4657	2.336	725	14.549	
	7187		726			3932		723		SUMMATION OF RUN
	6461		1448			3209		1448		T.P. ELMONTE B-4 to BM 1-26
11	21557	7.186		15.960		11798	3.933		15.997	
	7640		723			4840		728		TOTAL BACKSIGHTS + 88.157
	6917		727			4112		730		- FORESIGHTS - 56.434
	6190		1450			3382		1458		DIFF. IN ELEVATION + 31.723
12	20747	6.916		17.410		12334	4.111		17.455	
	7376		646			6674		619		BM 1-26 (EL MONTE B-3)
	6730		648			6055		622		SAN GABRIEL BLVD & VALLEY BLVD
	6082		1294			5433		1241		SEE F.B. 1202-30
13	20188	6.729		18.704	71°	18162	6.054		18.696	FOR DESCRIPTION
		88.157					56.434			

F.B. 1389 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 ..... 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. 1389 PG. 34										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. NR 142552
Notes by S. SHINODA Time 1:40-2:20 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-2C To T.P. EL MONTE B-2
Date 10-30-52
Indexed J. 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
	6620		631		#6	7298		633		BM 1-2C (EL MONTE B-3)
	5989		631			6665		635		SAN GABRIEL BLVD & VALLEY BLVD
	5358		1262			6030		1268		SEE F.B. 1202-30
1	17967	5989		1262	71°	19993	6664		1268	FOR DESCRIPTION
	4815		728			7620		725		
	4087		731			6895		727		K. E. LANDA
	3356		1459			6168		1452		
2	12258	4086		2721		20683	6894		2720	
	4590		729			7837		719		
	3861		729			7118		723		
	3132		1458			6395		1442		
3	11583	3861		4179		21350	7117		4162	
	4439		733			7675		725		
	3706		735			6950		728		
	2971		1468			6222		1453		
4	11116	3705		5647		20847	6949		5615	
	4555		723			7780		725		
	3832		724			7055		727		
	3108		1447			6328		1452		
5	11495	3832		7094		21163	7054		7067	
		21473					34678			

F.B. 1289 PG. 35

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:40-2:20 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-26 To TRELMONTE B-2
Date 10-30-52
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
	4730	21.473	721	7094		7542	34.678	718	7067	
	4009		721			6824		722		
	3288		1442			6102		1440		
6	12027	4.009		8536		20468	6.823		8507	
	4109		736			6711		723		
	3373		734			5988		724		
	2639		1470			5264		1447		
7	10121	3.374		10006		17963	5.988		9954	
	4553		718			6763		733		
	3835		720			6030		734		
	3115		1438			5296		1467		
8	11503	3.834		11444		18089	6.030		11421	
	5128		726			6915		725		
	4402		724			6190		728		
	3678		1450			5462		1453		
9	13208	4.403		12894		18567	6.189		12874	
	5747		732			6011		720		
	5015		734			5291		723		
	4281		1466			4568		1443		
10.	15043	5.014		14360		15870	5.290		14317	
		42.107					44.998			

F.B. 389 PG. 36

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. NR 142552
Notes by S. SHINODA Time 1:40-2:20 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-26 To T.P. EL MONTE B-4
Date 10-30-52
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
	6874	12.107	722	14360		9217	14.998	724	14317	
	6152		720			8493		725		SUMMATION OF RUN
	5432		1442			7768		1449		BM 1-26 TO T.P. EL MONTE B-4
11	18458	6.153		15902		25478	8.493		15766	
	4420		737			7490		720		TOTAL BACKSIGHTS + 56.027
	3683		734			6770		720		" FORESIGHTS - 87.762
	2949		1471			6050		1440		DIFF IN ELEVATION - 31.735
12	11052	3.684		17275		20310	6.770		17206	
	4797		715			8240		740		T.P. EL MONTE B-4
	4082		712			7500		738		SAN GABRIEL BLVD & HELLMAN AVE
	3370		1427			6762		1478		
13	12249	4.083		18700	72°	22502	7.501		18684	
		56.027					87.762			

F.B. 1599 PG. 37

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

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. 1387 PG. 38										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 5001.0
Notes by G.E. DREIER Time 3:00 TO 3:50 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-26 To B.M. 1-27
Date 10-27-52
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
	7.292		215		#6	4.338		216		B.M. 1-26 EL MONTE B-3
	7.077		217			4.122		213		SAN GABRIEL BLVD & VALLEY BLVD
	6.860		432			3.909		429		SEE F.B. 1202-30
1	21.229	7.076		432	840	12.369	4.123		429	
	7.417		214			3.723		215		TT E. LANDA
	7.203		211			3.558		215		
	6.992		428			3.343		430		
2	21.612	7.204		857		10.674	3.558		859	
	6.223		214			3.111		212		
	6.009		212			2.899		210		
	5.797		426			2.689		422		
3	18.029	6.010		1.283		8.699	2.900		1.281	
	6.253		214			3.118		215		
	6.039		211			2.903		213		
	5.828		425			2.690		428		
4	18.120	6.040		1.708		8.711	2.904		1.709	
	6.462		230			3.557		229		
	6.232		230			3.328		228		
	6.002		460			3.100		457		
5	18.696	6.232		2.168		9.985	3.328		2.166	
		32.562					16.813			

F.B. 1388 PG. 37

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 3:00 TO 3:50 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-26 To B.M. 1-27
Date 10-27-52
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
	7.925	32.562	217	2168		4.547	16.813	217	2.166	
	7.708		214			4.330		213		
	7.494		43 N			4.117		429		
6	23.127	7.709		2.599		12.994	4.331	30	2.595	
	6.866		215			4.490		213		
	6.651		212			4.277		212		
	6.439		427			4.065		425		
7	19.956	6.652		3.026		12.832	4.277		3.026	
	6.928		216			3.230		212		
	6.712		212			3.018		214		
	6.500		428			2.804		426		
8	20.140	6.713		3.454		9.052	3.017		3.446	
	6.465		214			3.926		218		
	6.251		211			3.708		215		
	6.040		425			3.493		433		
9	18.756	6.252		3.879		11.127	3.709		3.879	
	6.795		214			3.345		214		
	6.581		211			3.131		211		
	6.370		425			2.920		425		
10	19.746	6.582		4.304		9.396	3.132		4.304	
		66.470					35.279			

F.B. 1387 PG. 40

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 3:00 to 3:50 Rod No. 7 & 8

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-26 To B.M. 1-27
Date 10-27-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6274	66.470	222	4.304		3571	35.279	221	4.304	
	6052		220			3350		219	5	
	5832		442			3131		440		
11	18.158	6.053		4.746		10.052	3.351		4.744	
	6783		21.1			4015		212		
	6572		213			3803		209		SUMMATION OF RUN
	6359		424			3594		421		B.M. 1-26 TO B.M. 1-27
12	19.714	6.571		5.170		11.412	3.804		5.165	TOTAL BACKSIGHTS + 91.897
	6706		162			4.409		160		TOTAL FORESIGHTS 51.852
	6544		161			4.249		161		DIFF IN ELEVATION + 40.045
	6383		323			4088		321		
13	19.633	6.544		5.493		12.746	4.249		5.486	
	6416		158			5.330		161		B.M. 1-27 EL MONTE B-2
	6258		156			5.169		160		SAN GABRIEL BLVD & MISSION DR.
	6102		314			5009		32		SEE F.B. 1202-21
14	18.776	6.259		5.807	80°	15.508	5.169		5.807	FOR DESCRIPTION
		91.897					51.852			

F.B. 1389 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 .... Weather .... Inst. No. ....
Notes by .... Time .... Rod No. ....

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

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
F.B. 1389 PG. 42										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:50 - 9:20AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 1923
From B.M. 1-27 To B.M. 1-26
Date 10-28-52
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
	5267		164		#5	6350		159		B.M. 1-27 (EL MONTE B-2)
	5103		161			6191		157		SAN GABRIEL BLVD & MISSION DR
	4942		325			6034		316		SEE F.B. 1202-31
1	15312	5.104		325	78°	18575	6.192		316	FOR DESCRIPTION
	4406		162			6703		161		
	4244		160			6542		160		K. E. LANDA
	4084		322			6382		321		
2	12734	4.245		647		19627	6.542		637	
	3521		208			6288		211		
	3313		211			6077		213		
	3102		419			5864		424		
3	9936	3.312		1.066		18229	6.076		1.061	
	3578		220			6285		222		
	3358		221			6063		220		
	3137		441			5843		442		
4	10073	3.358		1.507		18191	6.064		1.503	
	3322		214			6768		211		
	3108		210			6557		211		
	2898		424			6346		422		
5	9328	3.109		1.931		19671	6.557		1.925	
		19.128					31.431			

F.B. 1387 PG. 43

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY AD[illegible]TIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 8:50-9:40 AM Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4953
From B.M. 1-27 To B.M. 1-26
Date 10-28-52
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
	3919	19.12	217	1.931		6462	21.31	212	1.925	
	3702		214			6250		213		
	3488		431			6037		425		
6	11109	3703		2.362		18749	6250		2.350	
	3261		214			6953		214		
	3047		214			6739		213		
	2833		428			6526		427		
7	9141	3.047		2.790		20218	6.739		2.777	
	3915		214			6291		212		
	3701		210			6079		211		
	3491		424			5868		423		
8	11107	3.702		3.214		18238	6.079		3.200	
	3654		216			7022		211		
	3438		216			6811		213		
	3222		432			6598		424		
9	10314	3.438		3.646		20431	6.810		3.624	
	3631		225			6548		235		
	3406		224			6313		233		
	3182		449			6080		468		
10	10219	3.406		4.095		18941	6.314		4.092	
		36.424					63.623			

F.B. 1389 PG. 44

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:50-9:40 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-27 To B.M. 1-26
Date 10-28-52
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
	3203	36.424	215	4095		6337	63.623	216	4092	
	2988		211			6121		212		
	2777		426			5909		428		
11	8968	2.989		4521		18367	6.122		4520	
	3181		211			6293		215		
	2970		210			6078		213		SUMMATION OF ROD
	2760		421			5865		428		B.M. 1-27 TO B.M. 1-26
12	8911	2.970		4942		18236	6.079		4948	
	3191		216			6831		213		TOTAL BACKSIGHTS = 50.379
	2975		214			6618		212		- FORESIGHTS = 90.417
	2761		430			6406		425		DIFF IN ELEVATION = 40.038
13	8927	2.976		5372		19855	6.618		5373	
	5237		218			8195		221		B.M. 1-26 (EL MONTE = B-3)
	5019		215			7974		218		SAN GABRIEL BLVD & VALLEY BLVD
	4804		433			7756		439		SEE F.B. 1202-30
14	15060	5.020		5805	83°	23925	7.975		5812	FOR DESCRIPTION
		50.379					90.417			

F.B. 1389 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 ..... 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. 1389 PG. 46										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 1:30-2:20 P.M. Rod No. 5EC

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-27 To BM 1-28
Date 10-28-52
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
	6704		164		#6	4643		161		BM 1-27 (EL MONTE B-2)
	6540		163			4482		158		SAN GABRIEL BLVD. & MISSION DR
	6377		327			4324		319		SEE F.B. 1202-31
1	19621	6540		327	89°	13449	4483		319	FOR DESCRIPTION
	6044		214			3486		218		
	5830		210			3268		215		π E. LANDA
	5620		424			3053		433		
2	17494	5831		751		9807	3269		752	
	6767		215			2355		213		
	6552		212			2140		211		
	6340		427			1929		424		
3	19659	6553		1.178		6422	2141		1.176	
	9148		212			1064		212		
	8936		209			0852		212		
	8727		421			0640		424		
4	26811	8937		1.599		2556	0.852		1.600	
	7984		214			2121		212		
	7770		210			1909		210		
	7560		424			1699		422		
5	23314	7.771		2.023		5729	1.910		1.022	
		35.632					12.655			

F.B. 1389 PG. 47

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 1:30-2:20 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-27 To BM 1-28
Date 10-28-52
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
	7198	35.632	213	2.023		2439	12.655	211	2.022	
	6985		213			2228		211		
	6772		426			2017		422		
6.	20955	6.985		2.009		6684	2.228		2.444	
	7852		221			4908		218		
	7631		217			4690		215		
	7414		438			4475		433		
7	22897	7.632		2.887		14073	4.691		2.877	
	4069		216			6414		212		
	3853		214			6202		210		SUMMATION OF RUN
	3639		430			5992		422		BM 1-27 TO BM 1-28
8	11561	3.854		3.317		18608	6.203		3.299	
	4313		214			6524		214		TOTAL BACKSIGHTS + 62.744
	4099		211			6310		210		" FORE " − 38.709
	3888		425			6100		424		DIFF IN ELEVATION + 24.035
9	12300	4.100		3.742		18934	6.311		3.723	
	4751		211			6838		217		BM 1-28 (U.S. 2653) (L.A.C.F.C.D. BM 58-14)
	4540		208			6621		216		SPRR & RUBIO WASH
	4332		419			6405		433		SEE F.B. 1202-32
10	13623	4.541		4.151	87°	19864	6.621		4.156	FOR DESCRIPTION
		62.744					38.709			

F.B. 1389 PG. 48

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:25-3:15 PM Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-28 To BM 1-27
Date 10-28-52 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
	6801		215		#5	4714		210		BM 1-28 (US 2633) (LACO FCD BM 58-14)
	6586		216			4504		207		S.P.R.R. & RUBIO WASH
	6370		431			4297		417		SEE F.B. 1202-32
1	19757	6.586		431	87°	13515	4505		417	FOR DESCRIPTION
	6445		213			4239		215		
	6232		212			4024		212		⊼ E LANDA
	6020		425			3812		427		
2	18697	6.232		856		12075	4.025		844	
	6398		213			4050		215		
	6185		210			3835		215		
	5975		423			3620		430		
3	18558	6.186		1279		11505	3.835		1274	
	4883		215			7834		219		
	4668		216			7615		219		
	4452		431			7396		438		
4	14003	4.668		1.710		22845	7.615		1.712	
	2549		211			7305		213		
	2338		210			7092		211		
	2128		421			6881		424		
5	7015	2.338		2.131		21278	7.093		2.136	
		26.010					27.073			

F.B. 1385 PG. 49

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:25-3:15 PM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-28 To B.M. 1-27
Date 10-28-52
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
	2855	2.010	213	2.131		8720	8.073	211	2.136	
	2642		211			8509		211		
	2431		424			8298		422		
6	7928	2.603		2.555		25527	8.509		2.558	
	1014		214			9094		212		
	0800		211			8882		210		
	0589		425			8672		422		
7	2403	0.801		2.980		26648	8.883		2.980	
	2381		211			6799		211		
	2170		210			6588		213		SUMMATION OF RUN
	1960		424			6375		424		B.M. 1-28 TO B.M. 1-27
8	6511	2.170		3.401		19762	6.587		3.402	
	3533		215			6093		214		TOTAL BACKSIGHTS +39.462
	3318		216			5879		211		" FORESIGHTS −63.511
	3102		431			5668		425		DIFF. IN ELEVATION −24.049
9	9953	3.318		3.832		17640	5.880		3.829	
	4686		160			6745		166		B.M. 1-27 (EL MONTE B-2)
	4520		159			6579		166		SAN GABRIEL BLVD & MISSION DR.
	4361		319			6413		332		SEE F.B. 1202-31
10	13561	4.520		4.151	82°	19737	6.579		4.161	FOR DESCRIPTION
		39.462					63.511			

F.B. 1389 PG. 50

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. NR 142552
Notes by S. SHINODA Time 11:10 - 11:40 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-27 To BM 1-28
Date 10-29-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7212		550		#6	5167		537		BM 1-27 (El Monte 8-2)
	6662		550			4610		538		San Gabriel Blvd & Mission Dr
	6112		1100			4072		1075		See F.B. 1202-31
1	19986	6662		1100	80°	13829	4610		1075	For Description
	6756		725			4200		733		
	6031		724			3467		736		T G.E. Dreier
	5307		1449			2731		1469		
2	18094	6031		2549		10398	3466		2544	
	8231		719			3818		724		
	7512		721			3094		723		
	6791		1440			2371		1447		
3	22534	7511		3989		9283	3094		3994	
	10418		722			2334		722		
	9696		724			1612		723		
	8972		1446			0889		1445		
4	29086	9695		5435		4835	1612		5436	
	9407		730			3532		720		
	8677		727			2812		720		
	7950		1457			2092		1440		
5	26054	8678		6892		8436	2812		6876	
		38577					15594			

FB 1389 P.57

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G E DREIER Weather CLEAR Inst. No. NR 142552
Notes by S SHINODA Time 11:10-11:40AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-27 To B.M. 1-28
Date 10-29-52
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
	8506	38.577	724	6.892		3746	15.594	718	6.876	
	7782		722			3028		718		
	7060		1446			2310		1436		
6	23348	7.783		8338		9084	3.028		8312	
	8617		748			5663		737		
	7869		748			4926		738		
	7121		1496			4188		1475		
7	23607	7.869		9834		14777	4.926		9787	
	3060		733			5393		718		
	2327		736			4675		718		SUMMATION OF RUN
	1591		1469			3957		1436		BM 1-27 TO BM 1-28
8	6978	2.326		11303		14025	4.675		11223	
	3028		706			5271		740		TOTAL BACKSIGHTS +63.365
	2322		709			4531		739		- FORE " -39.322
	1613		1415			3792		1479		DIFF. IN ELEVATION +24.043
9	6963	2.321		12718		13594	4.531		12702	
	5210		721			7288		720		BM 1-28 (US 2633) (LAC FCD BM 58-K)
	4489		720			6568		720		SPRR & RUBIO WASH
	3769		1441			5848		1440		SEE F.B. 1202-32
10	13468	4.489		14159	81°	19704	6.568		14142	FOR DESCRIPTION
		63.365					39.322			

F.B. 1389 PG. 52

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NR 142552
Notes by S. SHIMODA Time 11:45-1:30 PM Rod No. 50010

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-28 To B.M. 1-27
Date 10-29-52
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
	7277		716		85	5211		725		B.M. 1-28 (US 2638) (L.A.C. FCD BM58-14)
	6561		714			4486		726		S.P.R.R. & RUBIO WASH
	5847		1430			3760		1451		SEE F.B. 1202-32
1	19685	6562		1430	81°	13457	4486		145	FOR DESCRIPTION
	5219		728			3007		724		
	4491		728			2283		721		T. G.E. DREIER
	3763		1456			1562		1445		
2	13473	4491		2886		6852	2284		2896	
	5281		720			2951		734		
	4561		720			2217		737		
	3841		1440			1480		1471		
3	13683	4561		4326		6648	2216		4367	
	5540		733			8495		746		
	4807		736			7749		750		ONE HOUR FOR LUNCH
	4071		1469			6999		1496		
4	14418	4806		5795	81°	23243	7748		5863	
	5693		712			8461		726		
	2981		714			7735		725		
	2267		1426			7010		1451		
5	19941	2980		7221		23206	7735		7314	
		23.400					24469			

F.B. 1389 PG. 53

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NR14255
Notes by S. SHINODA Time 11:45-1:50 PM Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-28 To BM 1-27
Date 10-29-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3539	23.200	737	7224		9373	21469	705	7314	
	2802		737			8668		708		
	2065		1474			7960		1413		
6	8406	2802		8695		26001	8667		8727	
	2378		726			10453		718		
	1652		725			9735		717		
	0927		1451			9018		1435		
7	4957	1.652		10146		29206	9.735		10162	
	3802		724			8210		721		
	3078		725			7489		721		SUMMATION OF RUN
	2353		1449			6768		1442		B.M 1-28 TO B.M 1-27
8	9233	3.078		11595		22467	7.489		11604	
	4185		734			6741		725		TOTAL BACKSIGHTS +39.000
	3451		734			6016		725		FORESIGHTS − 63.045
	2717		1468			5291		1450		DIFF. IN ELEVATION − 24.045
9	10353	3.451		13063		18048	6.016		13054	
	5153		536			7220		549		BM 1-27 (EL MONTE B-2)
	4617		537			6671		550		SAN GABRIEL BLVD & MISSION DR
	4080		1073			6121		1099		SEE F.B. 1202-31
10	13850	4.617		14136		20012	6.671		14153	FOR DESCRIPTION
		39.000					63.045			

F.B. 1389 PG. 54

7

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No NE 142552
Notes by G. E. DREIER Time 2:00 TO Rod No. 5-86

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-30 To B.M. 1-28
Date 10-29-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4167		385		#6	4602		379		B.M. 1-30 (U.S. 4010)
	3782		387			4223		381		S.P. STATION AT SAN GABRIEL
	3395		772			3842		760		SEE F.B. 1202-34
1	11344	3.781		772	80°	12667	4.222		760	FOR DESCRIPTION
	5428		724			6368		719		T. E. LANDA
	4704		722			5649		720		
	3982		1446			4929		1439		
2	14114	4.705		2.218		16946	5.649		2.199	
	6527		728			7018		728		
	5799		728			6290		728		
	5071		1456			5562		1456		
3	17397	5.799		3.674		18870	6.290		3.655	
	5149		726			6747		728		
	4423		725			6019		729		
	3698		1451			5290		1457		
4	13270	4.423		5.125		18056	6.019		5.112	
	4885		733			6102		726		
	4152		733			5376		729		
	3419		1466			4647		1455		
5	12456	4.152		6.591		16125	5.375		6.567	
		22.860					27.555			

F.B. 1382 [illegible]55

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by G.E. DREIER Time 2:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-30 To B.M. 1-28
Date 10-29-52
Indexed E. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5281	22.860	717	6.591		6459	22.555	736	6.567	
	4564		716			5723		734		
	3848		1433			4989		1470		
6	3693	4.564		8.024		17.17	5.724		8.037	
	5376		657			7383		655		- 40.006
	4719		658			6728		658		+ 32.143
	4061		1315			6070		1313		- 7.863
7	14.156	4.719		9.339		20.18	6.727		9.350	
		32.143					40.006			BM. 1-29 (U.S. 4009 Z-169)
										S.P.R.R. E. OF STATION
										SEE F.B. 1202-33
										FOR DESCRIPTION
	6289		569			5843		582		
	5720		570			5261		582		
	5150		1139			4679		1164		
8	17159	5.720		10.478		15.783	5.261		10.514	
	5287		728			6835		730		
	4559		728			6105		731		
	3831		1456			5374		1461		
9	13.677	4.559		11.934		18.314	6.105		11.975	
		42.422					51.372			

F.B. 1389 PG. 56

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No Nr 142552
Notes by G.E. DREIER Time 2:00 TO Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-20 To B.M. 1-28
Date 10-29-52
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
	4.598	42.422	720	11.934		7.799	51.372	728	11.975	
	3.878		727			7.071		730		
	3.157		1.441			6.341		1.458		
10	11.633	3.878		13.375		21.211	7.070		13.433	
	4.699		724			7.514		726		
	3.975		725			6.788		729		
	3.250		1.449			6.059		1.455		
11	11.924	3.975		14.824		20.361	6.787		14.888	
	4.767		718			6.888		735		
	4.049		719			6.153		735		
	3.330		1.437			5.418		1.470		
12	12.146	4.049		16.261		18.459	6.153		16.358	
	4.079		722			7.503		730		
	3.357		725			6.773		731		
	2.632		1.447			6.042		1.461		
13	10.068	3.356		17.708		20.318	6.773		17.819	
	4.846		750			7.088		706		
	4.096		752			6.382		705		
	3.344		1.502			5.677		1.411		
14	12.286	4.095		19.210		19.147	6.382		19.230	
		61.775					84.537			

F.B. 1587 PG. 57

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. NR 142552
Notes by G.E. DREIER Time 2:00 TO 3:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-30 To B.M. 1-28
Date 10-29-52
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
	5.110	6.1775	728	19.210		6.854	8.4537	726	19.230	
	4.382		729			6.128		727		
	3.653		1.457			5.401		1.453		
15	13.145	4.382		20.667		18.383	6.128		20.683	
	5.369		483		± 6	7.072		476		B.M. 1-28 (U.S. 2633)
	4.886		482			6.596		477		S.P. R.R. & RUBIO WASH
	4.404		965			6.119		953		SEE F.B. 1202-32
16	14.659	4.886		21.632	77°	19.787	6.596		21.636	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 1-30 TO B.M. 1-28
										TOTAL BACKSIGHTS + 71.043
										TOTAL FORESIGHTS − 97.261
										DIFF IN ELEVATION − 26.218
		71.043					97.261			

F.B. 1387 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 G E DREIER Weather CLEAR Inst. No. NR 142552 Name L. A. CO. PRECISE LEVEL NET
Notes by S SHINODA Time 3:00-3:55 P.M. Rod No. 5 & 6 Job No. 4923
From BM 1-28 To BM 1-30
Date 10-29-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.076		477		#6	5370		480		BM 1-28 (US 2603) (LAC FCD BM 58-14)
	6.599		478			4.890		482		SPRR & RUBIO WASH
	6121		955			4408		.962		SEE FB 1202-32
1	19.796	6.599		.955	77°	14.668	4.889		.962	FOR DESCRIPTION
	6.890		731			5141		723		
	6.159		731			4.418		725		⊼ E. LANDA
	5.428		1462			3.693		1448		
2	18.477	6.159		2.417		13.252	4.417		2.410	
	5.531		729			3252		732		
	4.802		729			2.520		731		
	4.073		1.458			1.789		1.463		
3	14.406	4.802		3.875		7.561	2.520		3.873	
	6086		730			2663		721		
	5.356		733			1.942		724		
	4.623		1.463			1218		1.445		
4	16.065	5.355		5.338		5.823	1.941		5.318	
	6909		737			4784		715		
	6172		734			4069		719		
	5438		1471			3350		1434		
5	18519	6.173		6809		12203	4068		6752	
		29.088					17.835			

F.B. 1389 PG. 59

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NR.142552
Notes by J. SHINODA Time 3:00-3:50 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-28 To BM 1-30
Date 10-29-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7458	29.088	728	6.809		4647	17.835	727	6.752	
	6730		729			3920		725		
	6001		1457			3195		1452		
6	20189	6.730		8266		11762	3.921		8204	
	7748		729			4551		719		
	7019		730			3832		722		
	6289		1459			3110		1441		
7	21056	7.019		9725		11493	3.831		9645	
	7053		705			5559		751		
	6348		707			4808		753		
	5641		1412			4055		1504		
8.	19042	6.347		11137		14422	4.807		11149	
	6242		583			6694		573		
	5659		581			6121		571		
	5078		1164			5550		1144		
9	16979	5.660		12301		18365	6.122		12293	
										BM 1-29 (U.S. 4009 Z769)
										SPRR E OF STATION
										SEE FB 1202-33
										FOR DESCRIPTION
		54.844					36.516			

F.B. 1389 PG. 60

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NR 142552 Name L. A. CO. PRECISE LEVEL NET
Notes by S. SHINODA Time 3:00-3:55 P.M. Rod No. 5 & C Job No. 4923
From B.M. 1-28 To B.M. 1-30
Date 10-29-52
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
	7308	34.844	657	12301		5200	36516	655	12293	
	6651		658			4645		655		
	5993		1315			3990		1310		
10	19952	6.654		13616		13935	4645		13603	
	6386		736			5214		719		
	5650		738			4495		720		
	4912		1474			3775		1439		
11	16948	5.649		15090		13484	4495		15042	
	6050		727			4836		733		
	5323		731			4103		733		
	4592		1458			3370		1466		
12	15965	5.322		16549		12309	4103		16508	
	6737		727			5142		723		
	6010		729			4419		727		
	5281		1456			3692		1450		
13	18028	6.009		18004		13253	4418		17958	
	6986		717			6518		736		
	6269		716			5782		734		
	5553		1433			5048		1470		
14	18808	6.269		19437		17348	5783		19428	
		84.744					59.960			

F.B. 1379 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 G.E. DREIER Weather CLEAR Inst. No. NR 42552
Notes by J. SHINODA Time 3:00-3:55 P.M. Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-28 To B.M. 1-30
Date 10-29-52
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
	6203	84.744	720	19437		5262	59.960	720	19428	
	5483		722			4542		721		
	4761		1442			3821		1441		
15	16447	5482		20879		13625	4542		20869	
	4378		387			3938		388		BM 1-30 (US 4010 A770)
	3991		386			3550		389		SAN GABRIEL STATION (S.P.R.R.)
	3605		773			3161		777		SEE F.B. 1202-34
16	11974	3991		21652	71°	10649	3550		21646	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 1-28 TO B.M. 1-30
										TOTAL BACKSIGHTS +94.217
										FORESIGHTS -68.052
										DIFF. IN ELEVATION +26.165
										NOTE:- SEE LINE No. 26, F.B. 1388 FOR ADDITIONAL DIFF. IN ELEVATIONS FROM B.M. 1-28 TO B.M. 1-30
		94.217					68.052			

F.B. 1389 PG. 62

Notes Ck'd by C. R. GOSS	L.A. CO. PRECISE LEVEL NET	F. B 1389 Pg. 63
Map No.	Survey of	
Office Work	JN 0301.02 Tape Std. °F	
Checked	Surveyed by G.E. DREIER	
Date	Notes Date 4-16-59	
	Indexed A. C. Johnson 4-20-59	

L.A Co. PRECISE LEVEL NET
JOB NO 0301.02
SUPPLEMENTAL B.M.S FOR B.M. 1-10

DREIER, G.E.
GUIZADO, A.C.
OHASHI, T
ALWIN, G.P.

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

Do not extend notes this side of this line.

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

76F3095 CE #247—3-57

F. B. 1389 Pg. 64

B.M. 1-10~~A~~ C

COLIMA RD. AND TERRYKNOLL DR., 10 FT. W. OF CENTER OF INTERSECTION, A STD PRECAST MON. STAMPED "COUNTY ENGINEER RE. 5869" 7 INCHES BELOW SURFACE OF PAVEMENT UNDER CAST IRON COVER.

~~1959~~ 1952 FIELD ELEV 184.244

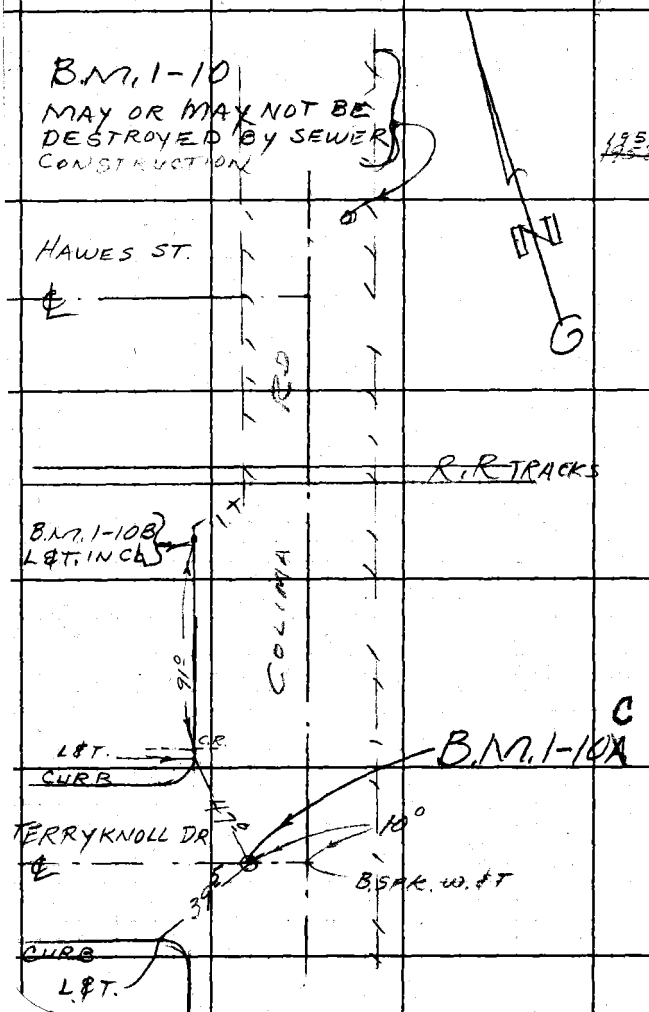
1956-57 adj. elev. 184.087

B.M. 1-10B

COLIMA RD & TERRYKNOLL DR, N.W. COR., L&T IN W. CURB 91 FT. N. OF N. END OF CURB RETURN.

~~1959~~ 1952 FIELD ELEV 181.020

1956-57 adj. elev. 180.862



		ELEV.
~~1959~~ 1952 ADJ.	B.M. 1-10	178.369
	+	5.875
	B.M. 1-10A	184.244
	−	3.224
	B.M. 1-10B	181.020
		−2.651
	B.M. 1-10	178.369

CO. ENGR. RE 5869

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

Do not extend noted this side of this line.

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER
Notes by G.E.D
Weather HAZY
Time 8:30 TO 9:00
Inst. No NK 142552
Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-10 To B.M. 1-10A & B
Date 4-16-59 O. JOHNSON
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.659		559			2.877		594		B.M. 1-10
	8.100		560			2.223		591		COLIMA RD. & HAWES ST.
	7.540		1119			1.632		1185		SEE F.B. 1202-15 FOR DESC.
1	24.299	8.100				6.672	2.224		1.185	
		-2.224								B.M. 1-10~~A~~ C
		-5.876								COLIMA RD & TERRYKNOLL DR., 10 FT. W. OF CENTER OF INTERSECTION, SEE PRECEDING PAGE FOR DESC.
	3.851		348			7.072		344		
	3.503		346			6.728		347		
	3.157		694			6.381		691		
2	10.511	3.504				20.181	6.727			
						+3.504				B.M. 1-10B
						-3.228				COLIMA RD & TERRYKNOLL DR., N.W. COR. L.S.T. IN N. CURB 91 FT. N. OF N. END C.R.
	3.540		250			6.173		233		
	3.290		250			5.940		232		B.M. 1-10
	3.040		500			5.708		465		COLIMA RD. & HAWES ST.
3	9.870	3.290				17.821	5.940			SEE F.B. 1202-15 FOR DESC.
							+3.290			
							-2.650			

F.B. 1389 PG. 65

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No NF 142552
Notes by G. E. DREIER Time 8:30 TO 9:00 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 1-10 To B.M. 1-10A & B
Date 4-16-59
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
	6.332		230			3.702		250		B.M. 1-10
	6.102		231			3.452		252		COLIMA RD. & HAWES ST.
	5.871		461			3.200		502		SEE F.B. 1202-15 FOR DESC.
1	18.305	6.102				10.354	3.451			
		3.457								B.M. 1-10B
		+2.651								COLIMA RD. & TERRYKNOLL DR. N.W. COR
										L.& T. IN CURB 91 FT. N. OF N. END C.R.
	7.110		345			3.889		348		
	6.765		345			3.541		349		
	6.420		~~685~~ 690			3.192		697		
2	20.295	6.765				10.622	3.541			
		3.541								B.M. 1-10A C
		3.224								COLIMA RD & TERRYKNOLL DR., 10 FT. W.
										OF CENTER OF INTERSECTION
										SEE 2nd PRECEEDING PAGE FOR DESC.
	2.785		575			8.662		577		
	2.210		575			8.085		577		B.M. 1-10
	1.635		1150			7.508		1154		COLIMA RD & HAWES ST.
3	6.630	2.210				4.255	8.085			SEE F.B. 1202-15 FOR DESC
							2.210			
							5.875			

F.B. 1389 PG. 66

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. .....
From ..... To .....
Date .....
Indexed 11-14-32 [illegible] Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
										LINE NO. 10 RERUN
										JOB NO. 4923
										L.A. CO. PRECISE LEVEL NET
										DREIER
										LANDA
										SHINODA
										SONNENSCHEIN
										OHASHI
										BLACK

F.B. 1389 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 ..... 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. 1389 PG. 26										

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. NR 142552
Notes by S. SHINODA Time 3:00-3:45 PM Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 1-28 To BM 10-1
Date 10-30-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7598		718		#5	5530		728		BM 1-28 (US 2633) (LAC. F.C.D. BM 58-14)
	6880		718			4802		729		S.P.R.R. & RUBIO WASH
	6162		1436			4073		1457		SEE F.B. 1202-32
1	20640	6.880		1436	72°	14405	4.802		1457	FOR DESCRIPTION
	7228		721			5020		725		
	6507		722			4295		725		⊼ E. LANDA
	5785		1443			3570		1450		
2	19520	6.507		2879		12885	4.295		2907	
	7155		719			4819		731		
	6436		723			4088		734		
	5713		1442			3354		1465		
3	19304	6435		4321		12261	4.087		4372	
	8771		710			3876		726		
	8061		710			3150		728		
	7351		1420			2422		1454		
4	24183	8.061		5741		9448	3.149		5826	
	7941		722			5120		725		
	7219		724			4395		725		
	6495		1446			3670		1450		
5	21655	7.218		7187		13185	4395		7276	
		35.101					20.728			

F.B. 1389 PG. 77

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NR 142552
Notes by S. SHINODA Time 3:00-3:45 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-28 To B.M. 10-1
Date 10-30-52
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
	7126	35.101	743	7.187		5579	20.728	709	7.276	
	6377		746			4870		710		
	5631		1489			4160		1419		
6	19128	6.376		8676		14609	4.870		8695	
	6375		728			5946		724		
	5647		729			5222		723		
	4918		1457			4499		1447		
7	16940	5.647		10133		15667	5.222		10142	
	7827		727			2900		722		
	7100		723			2178		726		
	6377		1450			1452		1448		
8	21304	7.101		11583		6530	2.177		11590	
	7617		728			4958		719		
	6889		729			4239		720		
	6160		1457			3519		1439		
9	20666	6.889		13040		12716	4.239		13029	
	9980		734			3113		723		
	9246		735			2390		726		
	8511		1469			1664		1449		
10	27737	9.246		14509		7167	2.389		14478	
		70.360					39.625			

F.B. 1389 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 G. E. DREIER Weather CLEAR Inst. No NR 12552
Notes by S. SHINODA Time 3:30-3:45 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4920
From B.M. 1-28 To B.M. 10-1
Date 10-30-52
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
	8859	70.360	725	14509		3751	39.625	724	14478	
	8134		726			3027		728		SUMMATION OF RUN
	7408		1451			2299		1452		B.M. 1-28 TO B.M. 10-1
11	24401	8.134		15960		90.77	3.026		15930	
	7485		465			4100		462		TOTAL BACKSIGHTS + 92.335
	7020		466			3638		466		- FORESIGHTS - 50.068
	6554		931			3172		928		DIFF IN ELEVATION + 42.267
12	21059	7.020		16891		10910	3.637		16858	
	7260		438			4240		459		B.M. 10-1 (SIERRA MADRE B-12)
	6822		440			3781		461		SAN GABRIEL BLVD & LOS TUNAS DR
	6382		878			3320		920		SEE F.B. 1375-12
13	20464	6.821		17769	69°	11341	3.780		17778	FOR DESCRIPTION
		92.335					50.068			

F.B. 1382 PG. 77

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... 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. 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 G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:50-2:45PM Rod No. 5 & L

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-28 To B.M. 10-1
Date 10-31-52
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
	6856		213		#5	4775		214		BM 1-28 (US 2633) (LA Co. FCD BM 58-14
	6643		209			4561		213		SPRR & RUBIO WASH
	6434		422			4348		427		SEE FB 1202-32
1	19933	6.644		422	69°	13684	4561		427	FOR DESCRIPTION
	6490		213			4282		213		
	6277		210			4069		212		⊼ E LANDA
	6067		423			3857		425		
2	18834	6278		845		12208	4069		852	
	6411		211			4066		217		
	6200		212			3849		213		
	5988		423			3636		430		
3	18599	6200		1268		11551	3850		1282	
	8063		208			3150		214		
	7855		207			2936		215		
	7648		415			2721		429		
4	23566	7855		1683		8807	2936		1.711	
	7232		218			4395		207		
	7014		214			4188		207		
	6798		434			3981		414		
5	21044	7.015		2117		12564	4188		2125	
		33.992					19.604			

F.B. 1389 PG. 81

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 1:50-2:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
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
	6410	33992	212	2117		4900	19604	216	2125	
	6198		215			4684		212		
	5963		427			4472		428		
6	18591	6197		2544		14056	4695		2553	
	5810		213			5386		214		
	5597		214			5172		211		
	5383		427			4961		425		
7	16790	5597		2971		15519	5173		2978	
	7100		214			2171		213		
	6886		211			1958		215		
	6675		425			1743		428		
8	20661	6887		3396		5872	1957		3406	
	7061		214			4405		213		
	6847		215			4192		210		
	6632		429			3982		423		
9	20540	6847		3825		12579	4193		3829	
	9293		215			2430		212		
	9078		215			2218		215		
	8863		430			2003		427		
10	27234	9078		4255		6651	2217		4256	
		28598					37829			

F.B. 1389 PG. 82

379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 1:50-2:45 P.M. Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-28 To B.M. 10-1
Date 10-31-52
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
	8157	8598	215	4255		3049	3829	216	4256	
	7942		213			2833		213		SUMMATION OF RUN
	7729		428			2620		429		B.M. 1-28 TO B.M. 1-10
11	13828	7943		4683		8502	2834		4685	
	7057		137			3670		136		TOTAL BACKSIGHTS + 90.090
	6920		136			3534		134		" FORESIGHTS − 47.783
	6784		273			3400		270		DIFF. IN ELEVATION + 42.307
12	20762	6920		4956		10604	3535		4955	
	6760		132			3719		134		B.M. 10-1 (SIERRA MADRE B-12)
	6628		132			3585		133		SAN GABRIEL BLVD. LAS TUNAS DR.
	6496		264			3452		267		SEE F.B. 1375-126
13	19884	6628		5220	69°	10756	3585		5222	FOR DESCRIPTION
		90.090					47.783			

F.B. 1389 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 ..... 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. 1389 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 G.E. DREIER Weather OVERCAST Inst. No. NR142552
Notes by S. SHINODA Time 8:25-9:10AM Rod No. 5LL

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-1 To B.M. 1-28
Date 10-31-52
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
	4161		451		#5	7200		450		BM 10-1 (SIERRA MADRE B-12)
	3710		452			6750		451		SAN GABRIEL BLVD & LAS TUNAS DR
	3258		903			6299		901		SEE FB 1375-12
1	11129	3710		903	63°	20249	6750		901	FOR DESCRIPTION
	4178		465			7565		464		
	3713		464			7101		462		K. E. LANDA
	3249		929			6639		926		
2	11140	3713		1832		21305	7102		1827	
	3769		730			8870		722		
	3039		727			8148		726		
	2312		1457			7422		1448		
3	9120	3040		3289		24440	8147		3275	
	3109		728			9979		734		
	2381		729			9245		734		
	1652		1457			8511		1468		
4	7142	2381		4746		27735	9245		4743	
	5120		720			7779		725		
	4400		721			7054		727		
	3679		1441			6327		1452		
5	13199	4400		6187		21160	7053		6195	
		17244					38297			

F.B. 1389 P. 85

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DARIER Weather OVERCAST Inst. No. NR 142552
Notes by S. SHINODA Time 8:25 - 9:10 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-1 To BM 1-28
Date 10-31-52
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
	2949	7244	724	6187		7878	6497	723	6195	
	2225		726			7155		724		
	1499		1450			6431		1447		
6	6673	2224		7637		21464	7155		7642	
	6141		722			6570		728		
	5419		726			5842		728		
	4693		1448			5114		1456		
7	16253	5418		9085		17526	5842		9098	
	5650		727			7162		723		
	4923		728			6439		727		
	4195		1455			5712		1450		
8	14768	4923		10540		19313	6438		10548	
	5115		722			7939		721		
	4393		723			7218		725		
	3670		1445			6493		1446		
9	13178	4393		11985		21650	7217		11994	
	3930		730			8828		706		
	3200		729			8122		707		
	2471		1459			7415		1413		
10	9601	3200		8444		24365	8122		13407	
		37402					73071			

F.B. 389 PG. 86

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No NR 14551
Notes by S. SHINODA Time 8:25-9:10 AM Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM 10-1 To BM 1-28
Date 10-31-52
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
	4840	37.402	730	13444		7180	73.071	720	13407	
	4110		731			6460		719		SUMMATION OF RUN
	3379		1461			5741		1439		BM 10-1 TO BM 1-28
11	12329	4110		14905		19381	6460		14846	
	4989		708			7230		738		TOTAL BACKSIGHTS = 50.609
	4281		708			6492		737		" FORE " = 92.920
	3573		1416			5755		1475		DIFF. IN ELEVATION = -42.311
12	12843	4281		16321		19477	6492		16321	
	5543		727			7613		715		BM 1-28 (US 2633) (L.A. CO. FCD BM 58-14)
	4816		728			6898		719		S.P.R.R. & RUBIO WASH
	4088		1455			6179		1434		SEE FB 1202-32
13	14447	4816		17776	64°	20690	6897		17755	FOR DESCRIPTION
		50.609					92.920			

F.B. 1389 PG. 87

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

Name 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. 1389 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 G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:50-3:25 PM Rod No. 5 & 6

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From B.M. 10-1 To BM 1-28
Date 10-31-52
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
	3770		131		45	6809		133		B.M. 10-1 (SIERRA MADRE B-12)
	3639		131			6676		131		SAN GABRIEL BLVD & LAS TUNAS DR
	3505		134			6545		264		SEE FB 1375-126
1	10914	3638	5	265	69°	20030	6677		264	FOR DESCRIPTION
	3611		135			7001		135		
	3476		136			6866		136		T. E. LANDA
	3340		271			6730		271		
2	10427	3476		535		20597	6866		535	
	3093		214			8199		214		
	2879		214			7985		213		
	2665		428			7772		427		
3	8637	2879		961		23956	7985		962	
	2401		213			9267		218		
	2188		214			9049		214		
	1974		427			8835		432		
4	6563	2188		1388		27151	9050		1394	
	4342		212			6997		215		
	4130		210			6782		214		
	3920		422			6568		429		
5	12392	4131		1818		20347	6782		1823	
		16312					37359			
							60			

F.B. 1379 PG. 86

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:50 - 3:25 P.M. Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-1 To B.M. 1-28
Date 10-31-52
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
	2232	16.312	213	1.816 8		7761	37.559 60	212	1.923	
	2019		214			6949		211		
	1805		427	40		6738		423		
6	6056	2.019		2.237		20848	6.949		2.246	
	5323		213			5746		215		
	5110		212			5531		212		
	4898		425	5		5319		427		
7	15331	5.110		2.662		16596	5.532		2.673	
	4862		214			6375		214		
	4648		210			6161		211		
	4438		424	9		5950		425		
8	13948	4.649		3.086		18486	6.162		3.098	
	4388		213			7212		212		
	4175		211			7000		211		
	3964		424	3		6789		423		
9	12527	4.176		3.516		21001	7.000		3.521	
	3181		214			8092		207		
	2967		214			7885		206		
	2753		428	41		7679		413		
10	8901	2.967		3.938		23656	7.885		3.934	
		35.233					70.887 8			

F.B. 1389 PG. 20

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 G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:50-3:25 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-1 To BM 1-28
Date 10-31-52
Indexed A. C. Johnson

[illegible]	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4036	35.233	216	3.9~~38~~ 41		6381	70.887	212	3.934	
	3820		215			6169		211		SUMMATION OF RUN
	3605		431			5958		423		BM 10-1 TO BM 1-28
11	11461	3.820		43~~69~~ 72		18508	6.169		4357	
	4245		214			6455		213		TOTAL BACKSIGHTS 147.658
	4031		211			6242		211		- FORE - 89.952
	3820		425			6031		424		DIFF IN ELEVATION 42.2~~73~~ 4
[illegible]	12096	4.032		479~~4~~ 7		18728	6.243		4781	
	[illegible]788		216			6863		211		BM 1-28 (US 2633) (LAGFCD BM 58-14)
	[illegible]72		213			6652		210		SDRR & RUBIO WASH
	[illegible]		429			6442		421		SEE FB 1202-32
	[illegible]19	4.573		522~~3~~ 6	65°	19957	6.652		5202	FOR DESCRIPTION
		47.658					89.952			

F.B. 1389 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 ..... 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. 1389 PG. 92										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 11:30-2:00 PM Rod No. 546

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-2P To B.M. 10-1
Date 11-5-52
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
	6858		208		#5	4778		213		B.M. 1-28 (US 2633) (LAC FC.D. BM 58- (2)
	6650		212			4565		213		S.P.R.R. & RUBIO WASH
	6438		420			4352		420		SEE F.B. 1202-32
1	19946	6.649		420	86°	13695	4565		426	FOR DESCRIPTION
	6521		212			4312		212		
	6309		212			4100		213		T. E. LANDA
	6097		424			3887		425		
2	18927	6.309		844		12299	4100		851	
	6438		213			4085		215		
	6225		215			3870		213		
	6015		428			3657		428		
	18678	6.226		1.272		11612	3.871		1279	
	8082		207			3173		215		
	7875		209			2958		215		1 HR. FOR LUNCH
	7666		416			2743		430		
4	23623	7.874		1.688	86°	8874	2958		1709	
	7167		214			4338		214		
	6953		212			4124		211		
	6741		426			3913		425		
5	20861	6.954		2.134	84°	12375	4125		2134	
		34.012					19.619			

F.B. 1389 PG. 23

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. Dreier Weather CLEAR Inst. No. 50010
Notes by S. Shinoda Time 11:30-2:00 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-28 To B.M. 10-1
Date 11-5-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6381	3.401	220	2.144 09		4858	17.619	208	2.134	
	6161		220			4650		205		
	5941		440	49		4445		413		
6	18483	6.161		2.554		13953	4.651		2.547	
	5742		215			5316		215		
	5527		213			5101		212		
	5314		428	77		4889		427		
7	16583	5.528		2.982		15306	5.102		2.974	
	7192		213			2265		214		
	6979		213			2051		211		
	6766		426	3		1840		425		
8	20937	6.979		3.409		6156	2.052		3.399	
	7028		215			4374		212		
	6813		213			4162		210		
	6600		428	1		3952		422		
9	20441	6.814		3.836		12488	4.163		3.821	
	9318		218			2453		213		
	9100		214			2240		212		
	8886		432	42		2028		425		
10.	27304	9.101		4.242		6721	2.240		4.240	
		68.595					37.827			

F.B. 1389 PG. 94

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 500-0
Notes by S. SHINODA Time 11:30-2:00 P.M. Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 1-28 To B.M. 10-1
Date 11-5-52
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8185	68.595	210	4.208 3		3086	37.827	218	4.366	
	7975		210			2868		216		SUMMATION OF RUN
	7765		420			2652		434		B.M. 1-28 TO B.M. 10-1
11	23925	7.975		4.208 3		8606	28.69		4.800	
	7025		137			3638		138		TOTAL BACKSIGHTS + 90.043
	6888		135			3500		135		FORESIGHTS − 47.740
	6753		272			3365		273		DIFF. IN ELEVATION +42.303
12	20666	6.889		4.960 55		10503	3.501		4.953	
	6714		131			3677		134		B.M. 10-1 (SIERRA MADRE B-12)
	6583		128			3543		134		SAN GABRIEL BLVD. & LAS TUNAS DR.
	6455		259			3409		268		SEE F.B. 1375-12
13	19752	6.584		6.221 4	.05	10629	3.543		6.221	FOR DESCRIPTION
		90.043					47.740			

F.B. 1382 PG. 25

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party..... 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. 1389 PG. 96										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G E DREIER Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 2:10-3:00 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-1 To B.M. 1-28
Date 11-5-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3668		135		#5	6703		131		B.M. 10-1 (SIERRA MADRE B-12)
	3533		132			6572		130		SAN GABRIEL BLVD & LASTONASIE
	3401		267			6442		261		SEE F.B. 1375-12
1	10602	3.534		267	85°	19717	6.572		261	FOR DESCRIPTION
	3682		135			7072		135		
	3547		137			6937		137		⊼ E LANDA
	3410		272			6800		272		
2	10639	3.546		539		20809	6.936		533	
	3088		214			8193		213		
	2874		214			7980		213		
	2660		428			7767		426		
3	8622	2.874		967		23940	7.980		959	
	2313		214			9178		216		
	2099		211			8962		214		
	1888		425			8748		430		
4	6300	2.100		1392		26888	8.963		1389	
	4362		212			7016		216		
	4150		210			6800		213		
	3940		422			6587		429		
5	12452	4.151		1814		20403	6.801		1.818	
		16.205					37.252			

F.B. 1389 PG. 97

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

G.E. DREIER Weather OVERCAST Inst. No. 50010
SHINODA Time 2:10-3:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-1 To B.M. 1-28
Date 11-5-52
Indexed A. C. Johnson

Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2111	16.205	213	1.812		7042	37.252	214	1.818	
	1898		213			6828		212		
	1685		426			6616		426		
6	5694	1.898		2240		20486	6.829		2244	
	5326		215			5748		214		
	5111		211			5534		212		
	4900		426			5322		426		
7	15337	5.112		2666		16604	5.535		2670	
	4887		215			6399		213		
	4672		213			6186		213		
	4459		428			5973		426		
8	14018	4.673		3094		18558	6.186		3096	
	4337		215			7160		210		
	4122		211			6950		211		
	3911		426			6739		421		
9	12370	4.123		3520		20849	6.950		3517	
	8742		214			8054		208		
	8528		213			7846		208		
	8315		427			7638		416		
10	8785	2.928		3947		23538	7.846		3933	
		34.939					70.578			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 2:10-3:00 PM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4925
From BM 10-1 To BM 1-28
Date 11-5-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4074	34.939	214	3.947		6419	70.598	210	3.933	
	3860		217			6209		210		SUMMATION OF RUN
	3643		431			5999		420		BM 10-1 TO BM 1-28
11	11577	3.859		4378		18627	6.209		4353	
	4310		212			6520		212		TOTAL BACKSIGHTS — 89.737
	4098		214			6308		210		- FORESIGHTS — 47.435
	3884		426			6098		422		DIFF IN ELEVATION = 42.302
12	12292	4.097		4804		18926	6.309		4775	
	4750		210			6837		217		BM 1-28 (US 2633) (L.A.C.F.C.D. BM 58-14)
	4540		209			6620		215		S.P.R.R. & RUBIO WASH
	4331		419			6405		432		SEE F.B. 1202-32
13	13621	4.540		5223	80°	19862	6.621		5207	FOR DESCRIPTION
		47.435					89.737			

F.B. 1389 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 ..... 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. 1389 PG. 100										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. UR 102552
Notes by S. SHINODA Time 9:45-11:00 AM Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-1 To B.M. 10-2
Date 10-31-52
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
	8171		724		#6	3658		717		B.M. 10-1 (SIERRA MADRE B-12)
	7447		727			2941		717		SAN GABRIEL BLVD & LAS TUNAS DR
	6720		1451			2224		1434		SEE F.B. 1375-126
1	12338	7.446		1451	66°	8823	2.941		1434	FOR DESCRIPTION
	8671		724			3837		724		
	7947		726			3113		723		* G.E. DREIER
	7221		1450			2390		1447		
2	23839	7.946		2.901		9340	3.113		2.881	
	8287		724			4181		728		
	7563		723			3453		727		
	6840		1447			2726		1455		
3	22690	7.563		4.348		10360	3.453		4.336	
	7949		722			4091		720		
	7227		722			3371		722		
	6505		1444			2649		1442		
4	21681	7.227		5.792		10111	3.370		5.778	
	8678		735			4327		717		
	7943		735			3610		719		
	7208		1470			2891		1436		
5	23829	7.943		7.262		10828	3.609		7.214	
		38.123					16.486			

F.B. 1389 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 G.E. DREIER Weather OVERCAST Inst. No. NR 142552
Notes by S. SHINODA Time 9:45-11:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-1 To BM 10-2
Date 10-31-52
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
	8550	38.125	724	7.262		4142	16.486	731	7.214	
	7826		725			3411		733		
	7101		1449			2678		1464		
6	23477	7.826		8.711		10231	3.410		8.678	
	7788		716			3834		736		
	7072		715			3098		738		
	6357		1431			2360		1474		
7	21217	7.072		10.142		9292	3.097		10152	
	8097		721			3432		726		
	7376		721			2706		727		
	6655		1442			1979		1453		
8	22128	7.376		11584		8117	2.706		11.605	
	7481		690			3578		692		
	6791		691			2886		695		
	6100		1381			2191		1387		
9	20372	6.791		12965		8655	2885		12992	
	7834		766			4331		746		
	7068		769			3585		747		
	6299		1535			2838		1493		
10	21201	7.067		14500		10754	3.585		14485	
		74.257					32.169			

F.B. 1389 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. WR 142551
Notes by J. SHINODA Time 9:45-11:00 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-1 To B.M. 10-2
Date 10-31-52
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
	8360	74.257	728	14500		4398	32.169	723	14485	
	7632		728			3675		725		
	6904		1456			2950		1448		
11	22896	7.632		15956		11023	3.674		15933	
	6922		592			4108		600		
	6330		592			3508		600		
	5738		1184			2908		1200		
12	18990	6.330		17140		10524	3.508		17133	
	6845		636			4202		629		B.M. 10-2
	6207		639			3613		628		SAN GABRIEL BLVD & LONGDEN AVE
	5568		1275			2985		1257		SEE F.B. 1375-12
13	18620	6.207		18417		10840	3.613		18390	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 10-1 TO B.M. 10-2
										TOTAL BACKSIGHTS +94.426
										TOTAL FORESIGHTS -42.964
										DIFF. IN ELEVATION +51.462
		94.426					42.964			

F.B. 1389 PG. 183

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party..... 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. 1389 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 G. E. DREIER Weather OVERCAST Inst. No. NR 142552
Notes by J. SHINODA Time 11:15-11:50 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-2 To BM 10-1
Date 10-31-52
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
	4260		628		#6	6867		640		BM 10-2
	3632		629			6227		639		SAN GABRIEL BLVD & LUGDEN AVE
	3003		1257			5588		1279		SEE F.B. 1375-127
1	10895	3632		1257	68°	18682	6227		1279	FOR DESCRIPTION
	4169		599			6979		591		
	3570		601			6388		591		⊼ G. E. DREIER
	2969		1200			5797		1182		
2	10708	3569		2457		19164	6388		2461	
	4418		722			8073		726		
	3696		724			7347		730		
	2972		1446			6617		1456		
3	11086	3695		3903		22037	7346		3917	
	3732		749			7541		765		
	2983		750			6776		766		
	2233		1499			6010		1531		
4	8948	2983		5402		20327	6776		5448	
	3631		692			7533		688		
	2939		693			6845		691		
	2246		1385			6154		1379		
5	8816	2939		6787		20532	6844		6827	
		16818					33581			

F.B. 1387 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 OVERCAST Inst. No. NR14255
Notes by J. SHINODA Time 11:15-11:50 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-2 To BM 10-1
Date 10-31-52
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
	3410	16.818	737	1.787		8050	33.581	711	1.827	
	2673		735			7339		711		
	1938		1472			6628		1422		
6	8021	2.674		8.259		22017	7.339		8.249	
	3924		725			7905		727		
	3199		727			7178		728		
	2472		1452			6450		1455		
7	9595	3.198		9.711		21533	7.178		9.704	
	4124		731			8530		727		
	3393		731			7803		724		
	2662		1462			7079		1451		
8	10179	3.393		11.173		23412	7.804		11.155	
	4418		715			8622		734		
	3703		713			7888		736		
	2990		1428			7152		1470		
9	11111	3.704		12.601		23662	7.887		12.625	
	3962		722			7971		721		
	3240		722			7250		724		
	2518		1444			6526		1445		
10	9720	3.240		14.045		21747	7.249		14.070	
		33.027					71.038			

F.B. 1389 PG. 106

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No NR 142552
Notes by S. SHINODA Time 11:15-11:50AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-2 To B.M. 10-1
Date 10-31-52
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
	4168	33.027	731	14.045		8271	71.038	720	14070	
	3437		732			7551		720		SUMMATION OF RUN
	2705		1463			6831		1440		B.M. 10-2 TO B.M. 10-1
11	10310	3437		15508		22653	7.551		15510	
	3692		721			8526		727		TOTAL BACKSIGHTS = 42.372
	2971		721			7799		728		" FORE " = 93.864 29
	2250		1442			7071		1455		DIFF. IN ELEVATION 51.492 57
12	8913	2.971		16950		23396	7.799		16965	
	3648		711			8170		729		BM 10-1 (SIERRA MADRE B-12)
	2937		711			7441		729		SAN GABRIEL BLVD & LAS TUNAS DR
	2226		1422			6712		1458		SEE F.B. 1375-126
13	8811	2.937		18372		22323	7.441		18423	FOR DESCRIPTION
		42.372					93.864 29			

F.B. 1389 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 ..... 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. 1389 PG. 108										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:45-9:00AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-1 To B.M. 10-2
Date 11-3-52
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
	7521		211		#C	3018		210		BM 10-1 (SIERRA MADRE 8-12)
	7310		211			2808		211		SAN GABRIEL BLVD & LAS TUNAS DR
	7099		422			2597		421		SEE F.B. 1375-126
1	21930	7310		422	75°	8423	2808		421	FOR DESCRIPTION
	7937		214			3102		211		
	7723		212			2891		211		K G.E. DREIER
	7511		426			2680		422		
2	23171	7724		848		8673	2891		843	
	7696		211			3588		215		
	7485		211			3373		212		
	7274		422			3161		427		
3	22455	7485		1270		10122	3374		1270	
	7338		211			3323		212		
	7122		211			3111		212		
	6911		422			2899		424		
4	21366	7122		1692		9333	3111		1694	
	7978		216			3794		210		
	7762		213			3584		209		
	7549		429			3375		419		
5	23289	7763		2121		10753	3584		2113	
		37404					15768			

F.B. 1389 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:45 - 9:40 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-1 To B.M. 10-2
Date 11-3-52
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
	7720	37.404	212	2121		3308	15.768	216	2113	
	7508		213			3092		213		
	7295		425			2879		429		
6	22523	7.508		2546		9279	3.093		2542	
	7531		212			3560		213		
	7319		211			3347		214		
	7108		423			3133		427		
7	21958	7319		2969		10040	3.347		2969	
	7440		209			2777		215		
	7231		212			2562		213		
	7019		421			2349		428		
8	21690	7.230		3390		7688	2.563		3397	
	6902		202			3000		203		
	6700		201			2797		204		
	6499		403			2593		407		
9	20101	6.700		3795		8390	2.797		3804	
	6923		224			3128		220		
	6699		227			2908		218		
	6472		451			2690		438		
10	20094	6.698		4244		8726	2.909		4242	
		72.859					30.477			

F.B. 1385 PG. 110

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:45-9:40AM Rod No. 5 & 6

L. A. CO. PRECISE LEVEL NET
Name
Job No. 4923
From BM 10-1 To BM 10-2
Date 11-3-52
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
	7383	72.859	213	4244		3737	30.477	214	4242	
	7170		212			3523		212		SUMMATION OF RUN
	6958		425			3311		426		BM 10-1 TO BM 10-2
11	21511	7.170		4269		10571	3.524		4268	
	6438		175			3618		176		TOTAL BACKSIGHTS + 92.404
	6263		173			3442		174		- FORESIGHTS - 40.965
	6090		348			3268		350		DIFF. IN ELEVATION = 51.439
12	18791	6.264		5017		10328	3.443		6018	
	6298		188			3705		185		BM 10-2
	6110		186			3520		183		SAN GABRIEL BLVD & LONGDEN AVE.
	5924		374			3337		368		SEE FB 1375-127
13	18332	6.111		5396	90°	10562	3.521		5386	FOR DESCRIPTION
F.B. PG.										
		92.404					40.965			

FB 1389 PG. 111

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... 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. 1389 Pg. 112

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

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:40-10:40 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-2 To B.M. 10-1
Date 11-3-52
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
	3652		184		#6	6249		189		B.M. 10-2
	3468		185			6060		187		SAN GABRIEL BLVD & LONGDEN AVE
	3283		369			5873		376		SEE F.B. 1375: 127
1	10403	3468		369	80°	18182	6061		376	FOR DESCRIPTION.
	3617		178			6431		173		
	3439		174			6258		175		* G.E. DREIER
	3265		352			6083		348		
2	10321	3440		721		18772	6257		724	
	3779		213			7431		214		
	3566		213			7217		212		
	3353		426			7005		426		
3	10698	3566		1147		21653	7218		1150	
	3097		220			6891		224		
	2877		218			6667		225		
	2659		438			6442		449		
4	8633	2878		1585		20000	6667		1599	
	3002		203			6911		202		
	2799		203			6709		201		
	2596		406			6508		403		
5	8397	2799		1991		20128	6709		2002	
		16.151					32.912			

F.B. 1389 PG. 113

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 9:40 - 10:45 AM Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM 10-2 To BM 10-1
Date 11-3-52
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
	2824	16.151	213	1.991		7483	32.912	211	2.002	
	2611		211			7272		210		
	2400		424			7062		421		
6	7835	2.612		2.415		21817	7.272		2.423	
	3647		215			7623		211		
	3432		212			7412		212		
	3220		427			7200		423		
7	10299	3.433		2.842		22235	7.412		2.846	
	3402		215			7811		212		
	3187		215			7599		212		
	2972		430			7387		424		
8	9561	3.187		3.272		22797	7.599		3.270	
	3830		211			8018		216		
	3619		209			7802		212		
	3410		420			7590		428		
9	10859	3.620		3.692		23410	7.803		3.698	
	3358		213			7365		213		
	3145		210			7152		212		
	2935		423			6940		425		
10.	9438	3.146		4.115		21457	7.152		4.123	
		32.149					70.150			

F.B. 1389 PG. 114

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G E DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:40-10:00 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-2 To B.M. 10-1
Date 11-3-52
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
	3563	32.149	214	4115		7672	70.150	212	4123	
	3349		213			7460		209		SUMMATION OF RUN
	3136		427			7251		420		BM 10-2 TO BM 10-1
11.	10048	3.349		4542		22383	7460		4544	
	3129		212			7955		213		TOTAL BACKSIGHTS = 41.216
	2917		212			7742		211		" FORESIGHTS = 92.666
	2705		424			7531		424		DIFF. IN ELEVATION = 51.445
12	8751	2.917		4966		23228	7.743		4970	
	3011		210			7520		213		BM 10-1 (SIERRA MADRE B-12)
	2801		210			7307		214		SAN GABRIEL BLVD & LAS TUNAS DR
	2591		420			7093		427		SEE F.B. 1375-126
13.	8403	2.801		5386	86°	21920	7.307		5397	FOR DESCRIPTION
		41.216					92.666			

F.B. 1389 PG. 145

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... 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. 1389 PG. 116										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G E DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:50 TO 12:00 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-2 To B.M. 10-5
Date 11-3-52
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
	7.553		214		#5	3.598		213		B.M. 10-2
	7.339		211			3.385		211		SAN GABRIEL BLVD & LONGDEN AVE.
	7.128		425			3.174		424		SEE F.B. 1375-127
1	22.020	7.340		425	88°	10.157	3.386		424	FOR DESCRIPTION
	6.902		213			3.118		215		
	6.689		213			2.903		213		T. E. LANDA
	6.476		426			2.690		428		
2	20.067	6.689		851		8.711	2.904		852	
	7.787		215			2.850		213		
	7.572		213			2.637		214		
	7.359		428			2.423		427		
3	22.718	7.573		1.279		7.910	2.637		1.279	
	7.721		213			2.433		214		
	7.508		212			2.217		215		
	7.296		425			2.002		~~429~~ 31		
4	22.525	7.508		1.704		6.652	2.217		1.708 10	
	8.179		130			4.791		129		
	8.049		130			4.662		128		
	7.919		260			4.534		257		
5	24.147	8.049		1.964		13.987	4.662		1.965 7	
		37.159					15.806			

F.B. 1389 PG. 117

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by " Time 10:50 To Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-2 To B.M. 10-5
Date 11-3-52
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
		37.159		1.964			15.806		1.965	B.M. 10-3 SHEFFIELD RD. & CLARENCE AVE. SAN GABRIEL BLVD. SEE F.B. 1375-128 FOR DESCRIPTION
	6.549		.098			3.558		.108		
	6.451		.096			3.450		.106		
	6.355		.194			3.344		.214		
6	19.355	6.452		2.158		10.352	3.451		2.179	
	8.446		.215			2.381		.216		
	8.231		.212			2.165		.212		
	8.019		.427			1.953		.428		
7	24.696	8.232		2.585		6.499	2.166		2.607	
	8.630		.218			1.560		.215		
	8.412		.215			1.345		.213		
	8.197		.433			1.132		.428		
8	25.239	8.413		3.018		4.037	1.346		3.035	
	9.414		.214			1.789		.212		
	9.200		.214			1.577		.212		
	8.986		.428			1.365		.424		
9	27.600	9.200		3.446		4.731	1.577		3.455	
		69.456					24.346			

F.B. 1389 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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:50 TO 12:00 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-2 To B.M. 10-5
Date 11-3-52
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
	9.364	69.456	214	3.446		1.248	24.346	213	3.459 61	
	9.150		211			1.035		215		
	8.939		425			0.820		428	9	
10	27.453	9.151		3.871		3.103	1.034		3.887	
	9.721		211			1.191		205		
	9.510		213			0.986		206		
	9.297		424			0.780		411	300	SUMMATION OF RUN
11	28.528	9.509		4.295		2.957	0.986		4.298	B.M. 10-2 TO B.M. 10-5
	10.606		214			2.320		208		TOTAL BACKSIGHTS 104.082
	10.392		212			2.112		204		TOTAL FORESIGHTS 33.907
	10.180		426			1.908		412	2	DIFF IN ELEVATION + 70.175
12	31.178	10.393		4.721		6.340	2.113		4.716	
		98.509					28.479			B.M. 10-4
										SAN GABRIEL BLVD & ROSE AVE.
										SEE F.B. 1375-128
										FOR DESCRIPTION
	5.618		46			5.470		42		B.M. 10-5 (SIERRA MADRE B-10 & DRAIN RD.
	5.572		44			5.428		41		SAN GABRIEL BLVD & ROSE AVE.
	5.528		90			5.387		83	5	SEE F.B. 1375-129
13	16.718	5.573		4.811		16.285	5.428		4.799	FOR DESCRIPTION
		104.082					33.907			

F.B. 1389 PG. 119

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1389 PG. 120										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:00 TO Rod No. 5&6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-5 To B.M. 10-2
Date 11-3-52
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
	5524		042		6	5674		46		B.M. 10-5
	5482		.041			5628		46		SAN GABRIEL BLVD & DRAIN RD ROSE AVE.
	5441		083			5582		092		SEE F.B. 1375-129
1	16.447	5.482		.083	90°	16.884	5.628		092	FOR DESCRIPTION
										B.M. 10-4
										SAN GABRIEL BLVD & ROSE AVE.
										SEE F.B. 1375-129
										FOR DESCRIPTION
	2335		207		6	10.623		212		
	2128		206			10411		212		
	1922		413			10.199		424		
2	6.385	2.128		.496		31.233	10.411		516	
	1074		209			9599		210		
	0.865		207			9389		209		
	0658		416			9180		419		
3	2.597	0.866		912		28.168	9.389		935	
	1.348		214			9471		214		
	1.134		212			9257		215		
	0.922		426			9042		429		
4	3.404	1.135		1.338		27.770	9.257		1.364	
		9.611					34.685			

F.B. 1379 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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-5 To B.M. 10-2
Date 11-3-52
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
	1.759	9.611	211	1.338		9.390	34.685	216	1.364	
	1.548		210			9.174		214		
	1.338		421			8.960		430		
5	4.645	1.548		1.759		27.524	9.175		1.794	
	1.318		221			8.440		212		
	1.157		221			8.228		209		
	0.936		442			8.019		421		
6	3.471	1.157		2.201		24.687	8.229		2.215	
	2.363		215			8.428		216		
	2.148		213			8.212		212		
	1.935		428			8.000		428		
7	6.446	2.149		2.629		24.640	8.213		2.643	
	3.563		110			6.552		94		
	3.453		109			6.458		93		
	3.344		219			6.365		187		
8	10.360	3.453		2.848		19.375	6.458		2.830	
		17.918					66.760			

F.B. 1389 PG. 122

B.M. 10-3 SHEFFIELD RD
SAN GABRIEL BLVD. & CLARENCE AVE.
SEE F.B. 1375-128
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 G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 2:00 TO Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-5 To B.M. 10-2
Date 11-3-52
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
	4341	17.918	123	2.848		7728	66.760	129	2.830	
	4218		123			7599		128		
	4095		246			7471		257		
9	12654	4.218		3.094		22798	7.599		3.087	
	2532		215			7828		215		
	2317		215			7613		213		
	2102		430			7400		428		
10	6951	2.317		3.524		22841	7.614		3.515	SUMMATION OF RUN
	2772		214			7704		212		B.M. 10-5 TO B.M. 10-2
	2558		212			7492		212		TOTAL BACKSIGHTS + 33.237
	2346		426			7281		424		TOTAL FORESIGHTS - 103.434
11	7676	2.559		3.950		22476	7.492		3.939	DIFF IN ELEVATION - 70.197
	3165		215			6955		215		
	2950		213			6740		214		
	2737		428			6526		429		
12	8852	2.951		4.378		20221	6.740		4.368	
	3487		214			7442		213		B.M. 10-2
	3273		212			7229		213		SAN GABRIEL BLVD & LAKEDEN AVE
	3061		426			7016		426		SEE F.B. 1375-127
13	9821	3.274		4.804	88°	21687	7.229		4.794	FOR DESCRIPTION
		33.237					103.434			

F.B. 1389 PG. 123

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... 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. 1389 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 G E DREIER Weather CLOUDY Inst. No. 50010
Notes by S SHINDRA Time 8:45-9:10AM Rod No. 5 & C

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM 10-3 To BM 10-4
Date 11-6-52
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6530		096		#5	3537		108		BM 10-3
	6434		096			3429		106		SAN GABRIEL BLVD & {SHEFFIELD RD / CLARENCE AVE}
	6338		192			3323		214		SEE FB 1375-128
1	19302	6434		192	68°	10289	3430		214	FOR DESCRIPTION
	8503		214			2438		216		
	8289		213			2222		212		T. E. LANDA
	8076		427			2010		428		
2	24868	8289		619		6670	2223		642	
	8650		221			1567		210		
	8429		221			1357		209		
	8208		442			1148		419		
3	25287	8429		1061		4072	1357		1061	
	9128		215			1499		213		
	8913		213			1286		211		
	8700		428			1075		424		
4	26741	8914		1489		3860	1287		1485	
	9288		215			1170		213		
	9073		213			0957		215		
	8860		428			0742		428		
5	27221	9074		1917		2869	0956		1913	
		41140					9253			

F.B. 1388 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 G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by S. SHINODA Time 8:45-9:10AM Rod No. SEC

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-3 To B.M. 10-4
Date 11-6-52
Indexed A. T. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9468	41.140	211	1.917		0942	9.253	210	1.913	
	9257		209			0732		207		
	9048		420			0525		417		
6	27773	9.258		2337		2199	0.733		2330	
	10550		213			2260		208		B.M. 10-4
	10337		212			2052		204		SAN GABRIEL BLVD & ROSE AVE
	10125		425			1848		412		SEE F.B. 1375-129
7	31012	10.337		2762	71°	6100	2.053		2742	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 10-3 TO B.M. 10-4
										TOTAL BACKSIGHTS +60.735
										FORESIGHTS -12.039
										DIFF. IN ELEVATION +48.696
		60.735					12.039			

F.B. 1389 PG. 126

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 3:15-3:40 P.M. Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-5 To B.M. 10-6
Date 11-3-52
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7343		210		#6	3541		216		BM 10-5 (SIERRA MADRE 3-10)
	7133		208			3325		215		LORAIN RD & ROSE AVE
	6925		418			3110		431		SEE F.B. 1375-129
1	21401	7134		418	88°	9976	3325		431	FOR DESCRIPTION
	6811		148			3037		148		
	6663		145			2889		148		↑ G.E. DREIER
	6518		293			2741		296		
2	19992	6664		711		8667	2889		727	
	7530		147			1522		145		
	7383		146			1377		146		
	7237		293			1231		291		
3	22150	7383		1004		4130	1377		1018	
	7990		145			2489		150		
	7845		146			2339		150		
	7699		291			2189		300		
4	23534	7845		1295		7017	2339		1318	
	13669		150			2394		151		
	8219		150			2243		151		
	8069		300			2092		302		
5	24657	8219		1595		6729	2243		1620	
		37245					12173			

F.B. 1389 PG. 127

FORM 379 RM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 3:15-3:4[illegible] Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-5 To BM 10-C
Date 11-3-52
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
	7870	37.245	147	1.595		2044	2.173	147	1.620	
	7723		144			1897		146		
	7579		291			1751		293		
6	23172	7724		1.886		5692	1.897		1.913	
	9438		222			2148		207		
	9216		222			1941		206		
	8994		444			1735		413		
7	27648	9.216		2.330		5824	1.941		2.326	
	11418		216			3341		226		
	11202		213			3115		225		STOPPED 3:40 PM 11-3-52
	10989		429			2890		451		
8	33609	11.203		2.759	95°	9346	3.115		2.777	
	7697		215			3462		219		
	7482		212			3243		216		BEGAN 8:40 AM 11-5-52
	7270		427			3027		435		
9	22449	7.483		3.186	72°	9732	3.244		3.212	
	6876		146			2498		147		
	6730		146			2351		147		
	6584		292			2204		294		
10	20190	6.730		3.478		7053	2.351		3.506	
		79.601					24.721			

F.B. 1385 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 G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 8:40-9:20AM Rod No. 5 & 6

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8474	79.601	150	3.478		0690	24.721	141	3.506	
	8324		150			0549		141		
	8174		300			0408		282		
11	24972	8324		3778		1647	0549		3788	
	10548		146			0613		146		
	10402		144			0467		146		
	10258		290			0321		292		
12	31208	10.403		4068		1401	0.467		4080	
	8768		160			1993		164		
	8608		159			1829		162		
	8449		319			1667		326		
13	25825	8.608		4387		5489	1.830		4406	
	8608		219			3570		208		
	8389		219			3362		206		
	8170		438			3156		414		
14	25167	8.389		4825		10088	3.363		4820	
	6405		197			4049		212		
	6208		199			3837		214		
	6011		394			3623		426		
15	18624	6.208		5219		11509	3.836		5246	
		121.533					34.766			

F.B. 1387 [illegible] 129

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 8:40-9:20 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-5 To B.M. 10-6
Date 11-5-52
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
	6782	121.533	220	5221 19		2810	1766	207	5246	
	6562		219			2603		204		SUMMATION OF RUN
	6343		439	58		2399		411		BM 10-5 TO BM 10-6
16	19687	6562		5660		7812	2604		5657	
	6831		170			2812		168		TOTAL BACKSIGHTS + 141.493
	6661		169			2644		167		- FORESIGHTS - 43.747
	6492		339	1		2477		335		DIFF. IN ELEVATION + 97.746
17	19984	6661		5999		7933	2644		5992	
	6902		165			3900		168		BM 10-6
	6737		165			3732		165		SAN GABRIEL BLVD & LOMBARDY RD
	6572		330	1		3567		333		SEE FB 1375-130
18	20211	6737		6329	78°	11199	3733		6325	FOR DESCRIPTION
F.B. 1389 PG. 120										
		141.493					43.747			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, 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 9:20-10:20 AM Rod No. 5 & 6

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

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3973		166		#6	6975		164		BM 10-6
	3807		167			6811		164		SAN GABRIEL BLVD & LOMARDY RD
	3640		333			6647		328		SEE F.B. 1375-130
1	11420	3.807		333	78°	20433	6.811		328	FOR DESCRIPTION
	2849		169			6867		170		
	2680		169			6697		169		⊼ G.E. DREIER
	2511		338			6528		339		
2	8040	2.680		671		20092	6.697		667	
	2766		213			6730		215		
	2553		210			6515		214		
	2343		423			6301		429		
3	7662	2.554		1094		19546	6.515		1096	
	4103		212			6459		197		
	3891		212			6262		195		
	3679		424			6067		392		
4	11673	3.891		1518		18788	6.263		1488	
	3848		212			8616		214		
	3636		212			8402		212		
	3424		424			8190		420		
5	10128	3.376		1942		25208	8.403		1914	
		16.308					34.689			

F.B. 1389 PG 131

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:20-10:00 AM Rod No. 5 & C

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2088	16.308	157	1.942		8877	4.689	166	1.914	
	1931		156			8711		164		
	1775		313			8547		330		
6	5794	1.931		2255		26135	8.712		3244	
	0697		144			10638		149		
	0553		144			10489		150		
	0409		288			10339		299		
7	1659	0.553		2543		31466	10.489		2543	
	0509		146			8285		146		
	0363		145			8139		146		
	0218		291			7993		292		
8	1090	0.363		2834		24417	8.139		2835	
	2487		148			6863		146		
	2339		148			6717		146		
	2191		296			6571		292		
9	7017	2.339		3130		20151	6.717		3127	
	3508		219			7743		215		
	3289		217			7528		214		
	3072		436			7314		429		
10	9869	3.290		3566		22585	7.528		3556	
		24.784					76.274			

F.B. 1399 PG. 132

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:20-10:40AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-6 To B.M. 10-5
Date 11-5-52
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
	3350	2.784	225	3.560		11428	11.274	215	3.550	
	3125		225			11213		213		
	2900		450			11000		428		
11	9375	3.125		4.010		33.641	11.214		3.994	
	1365		212			8643		216		
	1153		210			8427		215		
	0943		422			8212		431		
12	3461	1.154		4.438		25282	8.427		4.415	
	2129		148			7953		145		
	1981		146			7808		145		
	1835		294			7663		290		
13	5945	1.982		4.732		23424	7.808		4.705	
	2342		151			8319		151		
	2191		151			8168		151		
	2040		302			8017		302		
14	6573	2.191		5.034		24504	8.168		5.007	
	2515		144			8028		152		
	2371		143			7876		151		
	2228		287			7725		303		
15	7114	2.371		5.320		23629	7.876		5.310	
		35.607					119.767			

F.B. 1382 PG. 133

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:20 - 12:40 AM Rod No. 5 & 6

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1484	35.607	145	5321		7493	119.767	146	5310	
	1339		145			7347		147		SUMMATION OF RUN
	1194		290			7200		293		B.M. 10-6 TO B.M. 10-5
16	4017	1339		5611		22040	7347		5603	
	3021		147			6797		148		TOTAL BACKSIGHTS + 43.162
	2874		146			6649		147		- FORESIGHTS - 140.911
	2728		293			6502		295		DIFF. IN ELEVATION - 97.749
17	8623	2874		5904		19948	6649		5898	
	3558		217			7358		210		B.M. 10-5 (SIERRA MADRE B-10)
	3341		214			7148		209		LORAIN RD & ROSE AVE
	3127		434			6939		419		SEE F.B. 1375-129
18	10026	3342		6335	80°	21445	7148		6317	FOR DESCRIPTION
		43.162					140.911			

F.B. 1389 PG. 134

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by S. SHINODA Time 9:45-10:55 AM Rod No. 5 & C

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-6 To BM 10-7
Date 11-6-52
Indexed R. C. Thomson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7586		141		#6	3976		137		BM 10-6
	7445		141			3839		137		SAN GABRIEL BLVD & LAMBERT RD
	7304		282			3702		274		SEE FB 1375-130
1	22335	7445		282	74°	11517	3839		274	FOR DESCRIPTION
	7480		212			3500		212		
	7268		214			3288		211		π G.E. DREIER
	7054		426			3077		423		
2	21802	7267		708		9865	3288		697	
	8094		295			5058		291		
	7799		294			4767		288		
	7505		589			4479		579		
3	23398	7799		1297		14304	4768		1276	
		22511					11895			TE 877
										SAN GABRIEL BLVD & CALIFORNIA ST
										NE COR., BT SPK IN CB 7 FT
										N OF N END C.R.
	5298		081			1443		099		
	5217		081			4344		097		
	5136		162			4247		196		
4	15651	5217		1459		13034	4345		1472	
		27728					16240			

F.B. 1389 PG. 135

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by S. SHINODA Time 9:45-10:55 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-6 To BM 10-7
Date 11-6-52
Indexed K. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5429	27.728	143	1.459		4421	16.240	144	1.472	
	5286		143			4277		145		
	5143		286			4132		289		
5	15858	5.286		1.745		12830	4.277		1.761	
	5556		215			3984		262		
	5341		211			3722		262		
	5130		426			3460		524		
6	16027	5.342		2.171		11166	3.722		2.285	
	6080		188			3332		190		
	5892		187			3142		190		
	5705		375			2952		380		
7	17677	5.892		2.546		9426	3.142		2.665	
	8228		240			2559		158		
	7988		240			2401		155		
	7748		480			2246		313		
8	23964	7.988		3.026		7206	2.402		2.978	
	8052		230			2189		222		
	7822		229			1967		223		
	7593		459			1744		445		
9	23467	7.822		3.485		5900	1.967		3.423	
		40.058					31.750			

F.B. 1389 PG. 136

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:45-10:55AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-6 To BM 10-7
Date 11-6-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8051	10.058	204	3485		0977	31.750	226	3423	
	7847		204			0751		222		SUMMATION OF RON
	7643		408			0529		448		BM 10-6 TO BM 10-7
10	23541	7.847		3893		2257	0752		3871	
	8776		208			2692		253		TOTAL BACKSIGHTS + 82.913
	8568		207			2439		251		FORESIGHTS − 41.937
	8361		415			2188		504		DIFF. IN ELEVATION + 40.876
11	25705	8.568		4308		7319	2.440		4375	
	6549		209			7177		182		BM 10-7
	6340		209			6995		182		SAN GABRIEL BLVD & BLANCHE ST.
	6131		418			6813		364		SEE F.B. 1375-131
12	19020	6.340		4726	79°	20985	6.995		4739	FOR DESCRIPTION
		82.913					41.937			

F.B. 1389 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..... 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. 389 PG. 138										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10.55- Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-7 To BM 10-6
Date 11-6-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7346		196		#6	6688		196		BM 10-7
	7150		197			6492		195		SAN GABRIEL BLVD & BLANCHE ST
	6953		393			6297		391		SEE F.B. 1375-131
1	21449	7.150		393	79°	19477	6.492		391	FOR DESCRIPTION
	2971		232			9093		225		
	2739		232			8868		226		⊼ G.E. DREIER
	2507		464			8642		451		
2	8217	2.739		857		26603	8.868		842	
	1179		212			8275		215		
	0967		214			8060		213		
	0753		426			7847		428		
3	2899	0.966		1283		24182	8.061		1270	
	2187		222			8359		204		
	1965		220			8155		207		
	1745		442			7952		411 07		
4	5897	1.966		1725		24466	8.155		1622 77	
	2598		213			7850		214		
	2385		212			7636		214		
	2173		425			7422		428		
5	7156	2.385		2150		22908	7.636		2107 57	
		15.206					39.212			

F.B. 1389 PG. 139

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:55 Rod No. 54C

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From BM 10-7 To BM 10-6
Date 11-6-52
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
	3365	15206	183	2150		6130	37212	195	2107 5	
	3182		182			5935		195		
	3000		365			5740		390		
6	9547	3182		2515		17805	5935		2499 5	
	4197		238			5819		239		
	3959		237			5580		238		
	3722		475			5342		477		
7	11878	3959		2990		16741	5580		2976 2	
	4412		140			5426		147		
	4272		140			5279		147		
	4132		280			5132		294		
8	12810	4272		3270		15837	5279		3276 6	
	4425		088			5294		084		
	4337		087			5210		085		
	4250		175			5125		169		
9	13012	4337		3445		15629	5210		3437 5	
										BM TE 377
										SAN GABRIEL BLVD & CALIFORNIA AVE
										N.E. COR., BT SPK IN CB 7 FT N
										OF N. END C.B.
		30.956					61.216			

F.B. 1389 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 CLOUDY Inst. No. 50010
Notes by S. SHINODA Time 10:55 - 11:45 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-7 To BM 10-6
Date 11-6-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5017	30.956	288	3445		8057	61.216	298	3439	
	4729		288			7759		296	5	SUMMATION OF RUN
	4441		576			7463		594		BM 10-7 TO BM 10-6
10	14187	4729		4021		23279	7760		4033 29	
	3606		213			7584		216		TOTAL BACKSIGHTS 42.919
	3393		211			7370		212		" FORESIGHTS - 83.793
	3182		424			7158		426		DIFF. IN ELEVATION - 40.874
11	10181	3.394		4445		22112	7.371		4459 5	
	3979		139			7585		139		BM 10-6
	3840		139			7446		139		SAN GABRIEL BLVD & LAMBARDY RD
	3701		278			7307		278		SEE F.B. 1375-130
12	11520	3840		4723	82°	22338	7446		4737 3	FOR DESCRIPTION
		42.919					83.793			

F.B. 1389 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..... 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. 1389 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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:25 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-7 To B.M. 10-8
Date 11-6-52
Indexed E. C. Tobiason

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.218		213		#5	6.835		216		B.M. 10-7
	4.005		212			6.619		213		SAN GABRIEL BLVD & BLANCHE ST.
	3.793		425			6.406		429		SEE F.B. 1375-131
1	12.016	4.005		425	85°	19.860	6.620		429	FOR DESCRIPTION
	5.029		216			1.538		220		
	4.813		214			1.318		219		T. E. LANDA
	4.599		430			1.099		439		
2	14.441	4.814		855		3.955	1.318		868	
	8.213		212			3.274		216		
	8.001		211			3.058		216		
	7.790		423			2.842		432		
3	24.004	8.001		1.278		9.174	3.058		1.300	
	7.613		213			2.843		215		
	7.400		210			2.628		213		
	7.190		423			2.415		428		
4	22.203	7.401		1.701		7.886	2.629		1.728	
	8.131		220			2.968		210		
	7.911		221			2.758		209		
	7.690		441			2.549		419		
5	23.732	7.911		2.142		8.275	2.758		2.147	
		32.132					16.383			

F.B. 1382 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 PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 1:30 TO 2:25 Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M 10-7 To B.M 10-8
Date 11-6-52
Indexed A. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8280	32.132	213	2.142		2184	16.383	215	2.147	
	8067		213			1968		213		
	7854		426			1756		428		
6	24.201	8.067		2.568		5.909	1.970		2.575	
	7988		215			2931		213		
	7773		213			2718		214		
	7560		428			2504		427		
7	23321	7.774		2.996		8.153	2.718		3.002	
	7949		213			2162		214		
	7736		212			1948		216		
	7524		425			1732		430		
8	23209	7.736		3.421		5.842	1.947		3.432	
	7989		199			3136		231		
	7790		196			2905		227		
	7574		395			2678		458		
9	23373	7.791		3.816		8.719	2.906		3.890	
	7819		230			2490		196		
	7589		229			2294		195		
	7360		459			2099		39 N		
10	22.768	7.589		4.275		6883	2.294		4.281	
		71.089					28.218			

F.B. 1389 PG. 141

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party C. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by Time 1:30 TO 2:25 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-7 To B.M. 10-8
Date 11-6-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.001	71.089	195	4.275	#6	4.713	28.218	195	4.281	B.M. 10-8
	7.806		194			4.518		18		FOOTHILL BLVD & DAISY AVE
	7.612		389			4325		388		SEE F.B. 1375-132
11	234 2+19	7.807		4.664	83°	13.556	4.519		4.669	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 10-7 TO B.M. 10-8
										TOTAL BACKSIGHTS +78.895
										TOTAL FORESIGHTS - 32.737
										DIFF IN ELEVATION + 46.158
		78.896					32.737			

F.B. 1389 PG. 145

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party ..... 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. 1389 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 PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 2:30 TO 3:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-8 To B.M. 10-7
Date 11-6-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.680		195		#5	7.966		196		B.M. 10-8
	4.485		193			7.770		192		FOOTHILL BLVD AND DAISY AVE.
	4.292		388			7.578		388		SEE F.B. 1375-132
1	13.457	4.486		388	83°	23.314	7.771		388	FOR DESCRIPTION
	2.635		214			7.936		215		
	2.421		211			7.721		213		T. E. LANDA
	2.210		425			7.508		428		
2	7.266	2.422		813		23.165	7.722		816	
	3.393		215			8.271		212		
	3.178		215			8.059		211		
	2.963		430			7.848		423		
3	9.534	3.178		1.243		24.178	8.059		1.239	
	2.224		216			8.015		214		
	2.008		213			7.801		212		
	1.795		429			7.589		426		
4	6.027	2.009		1.672		23.405	7.802		1.665	
	2.960		212			8.013		214		
	2.748		214			7.799		211		
	2.534		426			7.588		425		
5	8.242	2.747		2.098		23.400	7.800		2.090	
		14.842					39.154			

F.B. 1389 PG. 147

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 2:30 TO 3:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-8 To B.M. 10-7
Date 11-6-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	21.69	14.842	214	2.098		8.270	39.154	212	2.090	
	1.955		214			8.058		214		
	1.741		428			7.844		426		
6	5.865	1.955		2.526		24.172	8.057		2.516	
	3.038		208			8.202		223		
	2.830		208			7.979		221		
	2.622		416			7.758		444		
7	8.490	2.830		2.942		23.939	7.980		2.960	
	2.789		215			7.562		213		
	2.574		212			7.349		211		
	2.362		427			7.138		424		
8	7.725	2.575		3.369		22.049	7.350		3.384	
	3.222		216			8.159		209		
	3.006		215			7.950		211		
	2.791		431			7.739		420		
9	9.019	3.006		3.800		23.848	7.949		3.808	
	1.519		220			5.012		214		
	1.299		220			4.798		215		
	1.079		440			4.583		429		
10	3.897	1.299		4.240		14.393	4.798		4.237	
		26.507					75.288			

F.B. 1389 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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-8 To B.M. 10-7
Date 11-6-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6911	26.507	213	4.240	#6	4291	75.288	213	4.237 3	B.M. 10-7
	6698		216			4079		211		SAN GABRIEL BLVD & BLANCHE ST
	6482		429			3868		424 3		SEE F.B 1375-131
11	20.091	6.697		4.669	80°	12.238	4.079		4.6~~61~~ 56	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 10-8 TO B.M. 10-7
										TOTAL BACKSIGHTS - 79.367
										TOTAL FORESIGHTS - 33.204
										DIFF IN ELEVATION - 46.163
		33.204					79.367			

F.B. 1389 PG. 149

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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. 1389 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 OVERCAST Inst. No. 50010
Notes by J SHINODA Time 8:50-9:30 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-8 To BM 10-9
Date 11-7-52
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
	6105		174		#6	8647		150		BM 10-8
	5931		171			8497		149		FOOTHILL BLVD & DAVY ST
	5760		345			8348		299		SEE FR 1375-15
1	17796	5932		345		25492	8497		299	FOR DESCRIPTION
	1563		183			8548		198		
	1380		183			8350		197		↑ G E DREIER
	1197		366			8153		395		
2	4140	1380		711		25051	8350		694	
	3871		210			7263		216		
	3661		211			7047		216		
	3450		421			6831		432		
3	10982	3661		1132		21141	7047		1126	
	4743		210			6081		213		
	4533		210			5868		215		
	4323		420			5653		428		
4	13599	4533		1552		17602	5867	8	1554	
	4863		212			4698		215		
	4651		212			4483		212		
	4439		424			4271		427		
5	13953	4651		1976		13452	4484		1978	
		20157					34245			

F.B. 13789 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 G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 8:50-9:30 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-8 To BM 10-9
Date 11-7-52
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
	4542	20.157	212	1.976		5532	30.245	214	1.977 81	
	4330		210			5318		215		
	4120		422			5103		429		
6	12992	4331		2398		15953	5318		2467 10	
	4520		212			5550		214		
	4308		212			5336		214		
	4096		424			5122		428		
7	12924	4308		2822		16008	5336		2835 8	
	4541		213			5567		216		
	4328		214			5351		212		
	4114		427			5139		428		
8	12983	4328		3249		16057	5352		3265 6	
	5213		262			5659		251		
	4951		260			5408		251		
	4691		522			5157		502		
9	14855	4952		3774		16224	5408		3765 8	
	5044		213			6880		213		
	4831		212			6667		214		
	4619		425			6453		427		
10	14494	4831		4196		20000	6667		4192 5	
		42907					62226			

F.B. 1389 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 8:50 - 9:30 AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-8 To B.M. 10-9
Date 11-7-52
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
	3275	42.907	224	4.196		9251	62.324	224	4192	B.M. 10-9
	3251		221			9227		224		FOOTHILL BLVD & SIERRA MADRE VILLA AVE.
	3030		445			9003		448		SEE F.B. 1375-158
11	9756	3252		4641	67°	27681	9.227		4448	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 10-8 TO B.M. 10-9
										TOTAL BACKSIGHTS 46.159
										FORESIGHTS 71.553
										DIFF. IN ELEVATION -25.394
		46.159					71.553			

F.B. 1389 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 ..... 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. 1389 PG. 154										

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. Dreier Weather overcast Inst. No. 50010
Notes by E. Landa Time 11:35 - 1:30 Rod No. 556

Name L.A. Co. Precise Level Net
Job No. 4923
From B.M. 10-9 To B.M. 10-8
Date 11-7-52
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
	9435		224		#5	3461		223		B.M. 10-9
	9211		221			3238		222		Foothill Blvd. & Sierra Madre -
	8990		445			3016		445		Villa Ave. See F.B. 1375-133
1	27636	9.212		445	68°	9715	3.238		445	For description
	6886		215			5050		212		
	6671		212			4838		211		⊼ G.E. Dreier
	6459		427			4627		423		
2	20016	6672		872		14515	4838		868	
	5768		257			5311		256		
	5511		257			5055		256		
	5254		514			4799		512		
3	16533	5511		1386		15165	5055		1380	
	5992		213			4969		216		
	5779		214			4753		213		1hr for Lunch
	5565		427			4540		429		
4	17336	5779		1813		14262	4754		1809	
	5978		215			4949		211		
	5763		212			4738		211		
	5551		427			4527		422		
5	17292	5764		2240		14214	4738		2231	
		32.938					22.623			

F.B. 1389 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. Oneien Weather overcast Inst. No. 50010
Notes by E. Landa Time 11:35 - 1:30 Rod No. 5 & 6

Name L.A. Co Precise Level Net
Job No. 4923
From B.M. 10-9 To B.M. 10-8
Date 11-7-52
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
	6090	32.938	214	2240		5100	22.623	213	2231	
	5876		214			4887		214		
	5662		428			4673		427		
6	17628	5876		2668		14660	4887		2658	
	4739		214			4909		213		
	4525		213			4696		212		
	4312		427			4484		425		
7	13576	4525		3095		14089	4696		3083	
	6101		213			4764		213		
	5888		213			4551		211		
	5675		426			4340		424		
8	17664	5888		3521		13655	4552		3507	
	7199		212			3813		211		
	6987		215			3602		212		
	6772		427			3390		423		
9	20958	6986		3948		10805	3602		3930	
	8314		187			1350		195		
	8127		187			1155		194		
	7940		374			0961		389		
10	24381	8127		4322		3466	1155		4319	
		60340					41515			

F.B. 1387 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 E. Landa Time 11:35 - 1:30 Rod No. 356

Name L.A. Co. Precise Lev. I Net
Job No. 4923
From B.M. 10-9 To B.M. 10-8
Date 11-7-52
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8874	4.300	158	4322		6319	1.515	166	4319	B.M. 10-8
	8716		157			6153		165		Foothill Blvd. & Daisy Ave.
	8559		3151			5988		331		See F.B. 1375, 132
11	26149	8716		4637	71°	18460	6153		4650	
										Summation of Run B.M. 10-9 to B.M. 10-8
										Total Backsights = + 73.056
										Total Foresights = - 47.668
										Diff. in Elev. = + 25.388
		73.056					47.668			

F.B. 1389 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..... Weather..... Inst. No.....
Notes by..... Time..... Rod No.....

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1389 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 9:35 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-9 To B.M. 10-10
Date 11-7-52
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4176		214		#5	7182		212		BM 10-9
	3962		212			6970		212		FOOTHILL BLVD & SIERRA MADRE VILLA AVE
	3750		426			6758		424		SEE F.B. 1375-133
1	11888	3.963		426	67°	20910	6.970		424	FOR DESCRIPTION
	3479		211			7590		213		
	3268		211			7377		212		π G.E. DREIER
	3057		422			7165		425		
2	9804	3.268		848		22132	7.377		849	
	3409		213			7130		212		
	3196		214			6918		211		
	2982		427			6707		423		
3	9587	3.196		1275		20755	6.918		1272	
	4051		213			6503		212		
	3838		213			6291		212		
	3625		426			6079		424		
4	11514	3.838		1701		18873	6.291		1696	
	3568		216			6700		211		
	3352		212			6489		210		
	3140		428			6279		421		
5	10060	3.353		2129		19468	6.489		2117	
		17.618					34.045			

F.B. 1389 PG. 159

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:35-10:40 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-9 To B.M. 10-10
Date 11-7-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2668	17.618	.213	2129		7373	32.045	.212	2117	
	2455		213			7161		211		
	2242		426			6950		423		
6	7365	2455		2555		21484	7161		2540	
	3456		212			6165		214		
	3244		212			5951		212		
	3032		424			5739		426		
7	9732	3244		2979		17855	5952		2966	
	4468		218			4277		216		
	4250		218			4061		213		
	4032		436			3848		429		
8	12750	4250		3415		12186	4062		3395	
	6399		211			4337		214		
	6188		212			4123		212		
	5976		423			3911		426		
9	18563	6188		3838		12371	4124		3821	
	6353		213			3872		212		
	6140		212			3660		212		
	5928		425			3448		424		
10	18421	6140		4263		11040	3680		4245	
		39.895					59.924			

F.B. 1389 PG. 160

FORM 379 5M 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 9:35-10:40AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-9 To B.M. 10-10
Date 11-7-52
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
	5838	39.895	155	4263		5372	59.024	128	4245	
	5683		153			5244		127		
	5530		309			5117		255		
11	17051	5684		4571		15733	5244		4500	
		45.579					42.268			B.M. SIERRA MADRE D.C. FOOTHILL BLVD AND ROSEMEAD BLVD.
	5327		072			5702		092		
	5255		072			5610		092		
	5183		144			5518		184		
12	15765	5255		4715		16830	5610		4684	
	3504		213			7486		213		
	3291		211			7273		211		
	3080		424			7062		424		
13	9875	3.292		5139		21821	7.274		5108	
	3458		208			7590		218		
	3250		208			7372		217		
	3042		416			7155		435		
14	9750	3.250		5555		22117	7.372		5543	
		67.376					84524			

F.B. 1387 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 G. E. Dreier Weather Overcast Inst. No. 50010
Notes by S. Shinoda Time 9:35 - 10:40 AM Rod No. 5 & C

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-9 To B.M. 10-10
Date 11-7-52
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
	2947	57.376	213	5555		7012	68.524	213	5543	
	2734		211			6799		212		SUMMATION OF RUN
	2523		424			6587		425		B.M. 10-9 TO B.M. 10-10
15	8204	2735		5979		20398	6799		5968	
	3300		163			6394		164		TOTAL BACKSIGHTS + 67.493
	3137		164			6230		163		- FORESIGHTS - 103.283
	2973		327			6067		327		DIFF IN ELEVATION - 35.790
16	9410	3137		6306		18691	6230		6295	
	4412		167			5901		171		B.M. 10-10
	4245		167			5730		171		FOOTHILL BLVD & MICHILLINDA AVE.
	4078		334			5559		342		SEE F.B. 1375-134
17	12735	4245		6640		17190	5730		6637	FOR DESCRIPTION
		67.493					103.283			

F.B. 1389 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:45-11:35AM Rod No. 5&6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-10 To B.M. 10-9
Date 11-7-52
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5831		169		#6	4347		169		B.M. 10-10
	5662		169			4178		169		FOOTHILL BLVD. & MICHELINDA AVE.
	5493		338			4009		338		SEE F.B. 1375-131
1	16986	5662		338	70°	12534	4178		338	FOR DESCRIPTION
	6889		163			3796		164		
	6726		163			3632		163		* G.E. DREIER
	6563		326			3469		327		
2	20178	6726		664		10897	3632		655	
	7448		213			3383		213		
	7235		212			3170		212		
	7023		425			2958		425		
3	21706	7235		1089		9511	3170		1090	
	7489		211			3369		214		
	7278		210			3155		213		
	7068		421			2942		427		
4	21835	7278		1570		9466	3155		1517	
	7491		212			3511		212		
	7279		211			3299		212		
	7068		423			3087		424		
5	21838	7279		1933		9897	3299		1941	
		34190					17434			

F.B. 1389 PG. 163

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:45-11:35 A.M. Rod No. 5LC

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-10 To B.M. 10-9
Date 11-7-52
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
	6063	34.180	080	1.935		5712	17.138	084	1.941	
	5983		080			5628		084		
	5903		160			5544		168		
6.	17949	5983		2.093		16884	5628		2.109	
		40.163					22.162			B.M. SIERRA MADRE D.C. FOOTHILL BLVD & ROSEMEAD BLVD.
	5803		143			6239		140		
	5660		141			6099		140		
	5519		284			5959		280		
7.	16982	5661		2.377		18297	6.099		2.389	
	3903		213			6366		214		
	3690		212			6151		212		
	3478		425			5939		426		
8.	11071	3690		2.802		18455	6.152		2.815	
	4343		212			6408		211		
	4131		211			6197		210		
	3920		423			5987		421		
9	12394	4.131		3.225		18592	6.197		3.236	
		53.645					41.510			

F.B. 1389 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:45-11:35AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-10 To BM 10-9
Date 11-7-52
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4249	53.645	217	3.225		4438	41.510	216	3.236	
	4032		214			4222		214		
	3818		431			4008		430		
10	12099	4.033		3.656		12668	4.223		3.666	
	6321		214			3611		211		
	6107		215			3400		210		
	5892		429			3190		421		
11	18320	6.107		4.085		10201	3.400		4.087	
	7771		212			3067		215		
	7559		210			2852		212		
	7349		422			2640		427		
12	22679	7.560		4.507		8559	2.853		4.514	
	7009		211			3877		216		
	6798		210			3661		214		
	6588		421			3447		430		
13	20395	6.798		4.928		10985	3.662		4.944	
	6432		212			3983		213		
	6220		210			3770		213		
	6010		422			3557		426		
14	18662	6.221		5.350		11310	3.770		5.370	
		84.364					59.418			

F.B. 1389 PG. 165

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 10:45-11:35 A.M. Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-10 To B.M. 10-9
Date 11-7-52
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
	7499	8364	211	5350		3780	5418	213	5370	
	7288		211			3567		215		SUMMATION OF RUN
	7077		422			3352		428		B.M. 10-10 TO B.M. 10-9
15.	21864	7288		5772		10699	3566		5798	
	7650		218			3531		207		TOTAL BACKSIGHTS +106.018
	7432		215			3324		206		" FORESIGHTS - 70.234
	7217		433			3118		413		DIFF IN ELEVATION + 35.784
16.	22299	7433		6205		9973	3324		6211	
	7149		217			4137		211		B.M. 10-9
	6932		214			3926		211		FOOTHILL BLVD & SIERRA MADRE VILLA AVE.
	6718		431			3715		422		SEE F.B. 1375-133
17	20799	6933		6636	68°	11778	3926		6633	FOR DESCRIPTION
		106.018					70.234			

F.B. 1389 PG. 166

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:10-10:15 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-10 To B.M. 10-12
Date 11-10-52
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
	4422		218		#5	6889		212		BM 10-10
	4204		216			6677		211		FOOTHILL BLVD & MICHILLINDA AVE
	3988		434			6466		423		SEE F.B. 1375-134
1	12614	4205		434	68°	20032	6677		423	FOR DESCRIPTION
	4194		214			5849		214		
	3980		211			5635		214		π E. LANDA
	3769		425			5421		428		
2	11943	3981		859		16905	5635		851	
	4171		213			5777		216		
	3958		213			5561		212		
	3745		426			5349		428		
3	11874	3958		1285		16687	5562		1279	
	4120		213			5729		216		
	3907		214			5513		212		
	3693		427			5301		428		
4	11720	3907		1712		16543	5514		1707	
	4112		213			5750		214		
	3899		211			5536		213		
	3688		424			5323		427		
5	11699	3900		2136		16609	5536		2134	
		19951					28924			

F.B. 1389 PG. 67

FORM 379 5M 7-40

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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DRRIER Weather CLEAR Inst. No. 50010
Notes by J. SHINODA Time 9:10-10:15 AM Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4929
From B.M. 10-10 To B.M. 10-12
Date 11-10-52
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
	3951	19.951	211	2.136		5611	28.924	214	2.134	
	3740		209			5397		218		
	3531		420			5179		432		
6	11222	3.741		2.556		16187	5.396		2.566	
	3175		212			7719		216		
	2963		210			7503		213		
	2753		422			7290		429		
7	8891	2.964		2.978		22512	7.504		2.995	
	1838		216			7603		210		
	1622		214			7393		210		
	1408		430			7183		420		
8	4868	1.623		3.408		22179	7.393		3.415	
	4242		212			5250		215		
	4030		211			5035		214		
	3819		423			4821		429		
9	12091	4.030		3.831		15106	5.035		3.944	
	4639		212			5405		215		
	4427		213			5190		211		
	4214		425			4979		426		
10	13280	4.427		4.256		15574	5.191		4.270	
		36.736					59.443			

F.B. 1389 PG. 168

FORM 379 SM 7-40

PLEASE RETURN TO
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700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G E DREIER Weather CLEAR Inst. No. 50010
Notes by S SHINODA Time 9:10-10:15 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-10 To B.M. 10-12
Date 11-10-52
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
	4498	31.736	216	4250		5249	59.403	216	4270	
	4282		216			5033		213		
	4066		432			4820		429		
11	12846	4282		4280		15102	5034		4699	
	4506		216			7088		209		
	4290		213			6879		208		
	4077		429			6671		417		
12	12873	4291		5117		20638	6879		5116	
		45.~~289~~ 30					71.356			BM 10-11 (SIERRA MADRE F-6) FOOTHILL BLVD & OLD MILL RD. SEE F.B. 1375-135 FOR DESCRIPTION
	2237		215			9160		213		
	2022		211			8947		216		
	1811		426			8731		429		
13	6070	2.023		5543		26838	8.946		5545	
	1370		205			8173		205		
	1165		205			7968		205		
	0960		410			7763		410		
14	3495	1.165		5953		23904	7.968		5955	
		18.477 9					88.270			

F.B. 1389 PG. 169

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHINODA Time 9:10-10:15 A.M. Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-10 To B.M. 10-12
Date 11-10-52
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
	3360	48.477	207	5953		7180	11.270	209	5955	B.M. 10-12 (SIERRA MADRE F-CA)
	3153		204			6972		204		FOOTHILL BLVD & BALDWIN AVE
	2949		411			6768		412		SEE F.B. 1375-126
15	9462	3.154		6364	75°	20920	6.973		6367	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 10-10 TO B.M. 10-12
										TOTAL BACKSIGHTS + 51.631
										" FORESIGHTS − 95.243
										DIFF. IN ELEVATION − 43.612 592
F.B. 1389 PG. 170										
		51.631					95.243			

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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:00-2:50 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-12 To B.M. 10-10
Date 11-7-52
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
	7238		207		#5	3418		207		B.M. 10-12 (SIERRA MADRE F-CA)
	7031		206			3211		204		FOOTHILL BLVD & BALDWIN AVE
	6825		413			3007		411		SEE F.B. 1375-136
1	21094	7.031		.413	71°	9636	3.212		.411	FOR DESCRIPTION
	8179		207			1600		207		
	7972		204			1393		204		R. E. LANDA
	7768		411			1189		411		
2	23919	7.973		.824		4182	1.394		.822	
	9490		215			2337		214		
	9275		214			2123		210		
	9061		429			1913		424		
3	27826	9.275		1.253		6373	2.124		1.246	
		24.279					6.730			B.M. 10-11 (SIERRA MADRE F-C)
										FOOTHILL BLVD & OLD ... ROAD
										SEE F.B. 1375-135
										FOR DESCRIPTION
	7097		210			4518		215		
	6887		210			4303		211		
	6677		420			4092		426		
4	20661	6.887		1.673		12913	4.304		1.672	
		31.166					11.034			

F.B. 1382 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 G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2100-2250 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-12 To BM 10-10
Date 11-7-52
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5879	31.166	216	1.673		5125	11034	217	1.672	
	5663		213			4908		216		
	5450		429			4692		433		
5	16992	5664		2102		14725	4908		2105	
	5340		211			4580		215		
	5129		212			4365		211		
	4915		423			4154		426		
6	15384	5128		2527		13099	4366		2531	
	5597		218			4581		211		
	5379		215			4370		210		
	5164		433			4160		421		
7	16140	5380		2960		13111	4370		2952	
	8232		213			2464		213		
	8019		214			2251		211		
	7805		427			2040		424		
8.	24056	8.019		3387		6755	2.252		3376	
	8210		216			3660		211		
	7994		214			3449		210		
	7780		430			3239		421		
9.	23984	7.995		3817		10348	3.229		3797	
		63.352					30.379			

F.B. 1389 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 OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:00- Rod No. 5 & 6

Name L.A. CO. PRECISE LEVEL NET
Job No. 4925
From B.M. 10-12 To B.M. 10-10
Date 11-7-52
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
	5630	63.352	211	3.817		3989	30.379	219	3.797	
	5419		209			3770		216		
	5210		420			3554		435		
10.	16259	5420		4237		11313	3.771		4332	
	5642		212			4001		213		
	5430		213			3788		210		
	5217		425			3578		423		
11.	16289	5430		4662		11367	3.789		4655	
	5838		215			4232		212		
	5623		211			4020		212		
	5412		426			3808		424		
12.	16873	5624		5088		12060	4020		5079	
	6203		214			4597		214		
	5989		212			4383		212		
	5777		426			4171		426		
13	17969	5990		5514		13151	4384		5505	
	6292		216			4642		214		
	6076		213			4428		213		
	5863		429			4215		427		
14	18231	6077		5943		13285	4428		5932	
		91.893					50.771			

F.B. 1389 PG. 123

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by S. SHINODA Time 2:00 - 2:50 PM Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 10-12 To B.M. 10-10
Date 11-7-52
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
	6740	91893	206	5923		4280	50771	222	5932	BM 10-10
	6531		204			4058		221		FOOTHILL BLVD & MICHILLINDA AVE
	6330		410			3837		443		SEE F.B. 1875-131
15	19104	6535		6353	70°	12175	4058		6375	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 10-12 TO BM
										TOTAL BACKSIGHTS + 98.428
										- FORESIGHTS - 54.829
										DIFF. IN ELEVATION + 43.599
F.B. 1389 PG. 174										
		98.428					54.129			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by S. SHIMODA Time 10:35-11:35 AM Rod No. 5 & C

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-12 To BM 10-10
Date 11-10-52
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
	7203		205		#5	3383		206		B.M. 10-12 (SIERRA MADRE F-C)
	6998		208			3177		206		FOOTHILL BLVD & BALDWIN AVE
	6790		413			2971		412		SEE F.B. 1375-136
1	20991	6.997		413	75°	9531	3.177		412	FOR DESCRIPTION
	8140		204			1562		204		
	7936		206			1358		205		⊼ E. LANDA
	7730		410			1153		409		
2	23806	7.935		.823		4073	1.358		.821	
	9381		215			2230		213		
	9166		214			2017		213		
	8952		429			1804		426		
3	27499	9.166		1.252		6051	2.017		1.247	
		24.098					6.552			BM 10-11 (SIERRA MADRE F-C)
										FOOTHILL BLVD & OLD MILL RD
										SEE F.B. 1375-135
										FOR DESCRIPTION
	7131		211			4553		215		
	6920		210			4338		212		
	6710		421			4126		427		
4	20761	6.920		1.673		13017	4.339		1.674	
		31.018					10.891			

F.B. 1379 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10 35-11 35 AM Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 4923
From B.M. 10-12 To B.M. 10-11
Date 11-10-52
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
	5280	31.018	212	1.673		4529	10.891	215	1.674	
	5068		216			4314		216		
	4852		428			4098		431		
5.	15200	5067		2101		12941	4314		2105	
	5248		212			4488		215		
	5036		214			4273		212		
	4822		426			4061		427		
6	15106	5.035		2527		12822	4274		2532	
	5318		216			4303		212		
	5102		213			4091		212		
	4889		429			3879		424		
7	15309	5.103		2956		12273	4.091		2956	
	7644		214			1878		215		
	7430		211			1663		211		
	7219		425			1452		420		
8.	22293	7.431		3381		4993	1.664		3382	
	7720		213			3192		212		
	7527		215			2980		211		
	7312		428			2769		423		
9	22579	7.526		3809		8941	2980		3805	
		61.180					28.214			

F.B. 1389 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 CLEAR Inst. No. 50010
Notes by S. SHINODA Time 10:35-11:35AM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From BM 10-12 To BM 10-10
Date 11-10-52
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
	5685	61.180	214	3.809		4033	28.214	214	3.805	
	5471		213			3819		212		
	5258		427			3607		426		
10	16414	5.471		4236		11459	3.820		4231	
	5671		215			4029		213		
	5456		214			3816		214		
	5242		429			3602		427		
11	16369	5.456		4665		11447	3.816		4658	
	5831		213			4226		214		
	5618		216			4012		212		
	5402		429			3800		426		
12	16851	5.617		5.094		12038	4.013		5.084	
	5682		210			4079		217		
	5472		210			3862		214		
	5262		420			3648		431		
13	16416	5.472		5.514		11589	3.863		5515	
	5712		214			4061		213		
	5498		211			3848		211		
	5287		425			3637		424		
14	16497	5.499		5.939		11546	3.849		5.939	
		88.695					47.575			

FORM 379 PG 177

FORM 379 6M 9-40

PLEASE [illegible]
LOS ANGELES C[illegible]
700 HALL [illegible]

[illegible]NGES ON THIS
[illegible]E OR CIRCLED
[illegible]ATE AND NAME
[illegible]ANGE.

[illegible] NOT[illegible]

1389

Chief [illegible]
Notes by S. SHINODA Time 10 [illegible]-11 [illegible] Rod [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 4923
From B.M. 10-12 To B.M. 10-10
Date 11-10-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	Rod and Temp	Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6168	88.695	212	5939		4397	[illegible]	219	5939	B.M. 10-10.
	6656		209			4178		216		FOOTHILL BLVD & MICHILLINDA AVE
	6447		421			3962		435		SEE F.B. 1375-134
15	19971	6.657		6360	80°	12537	4179		6374	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 10-12 TO B.M. 10-10
										TOTAL BACKSIGHTS + 95.352
										FORESIGHTS − 51.754
										DIFF IN ELEVATION + 43.598
		95.352					51.754			

F.B. 1389 PG. 178