Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by
Checked	Notes Date 7-58
	Indexed [illegible]

F. B. 2431 Pg. 5

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

RERUN OF A PORTION OF LINE NO. 4

[illegible]AUSON AVE FROM GREENWOOD AVE. TO ATLANTIC BLVD.

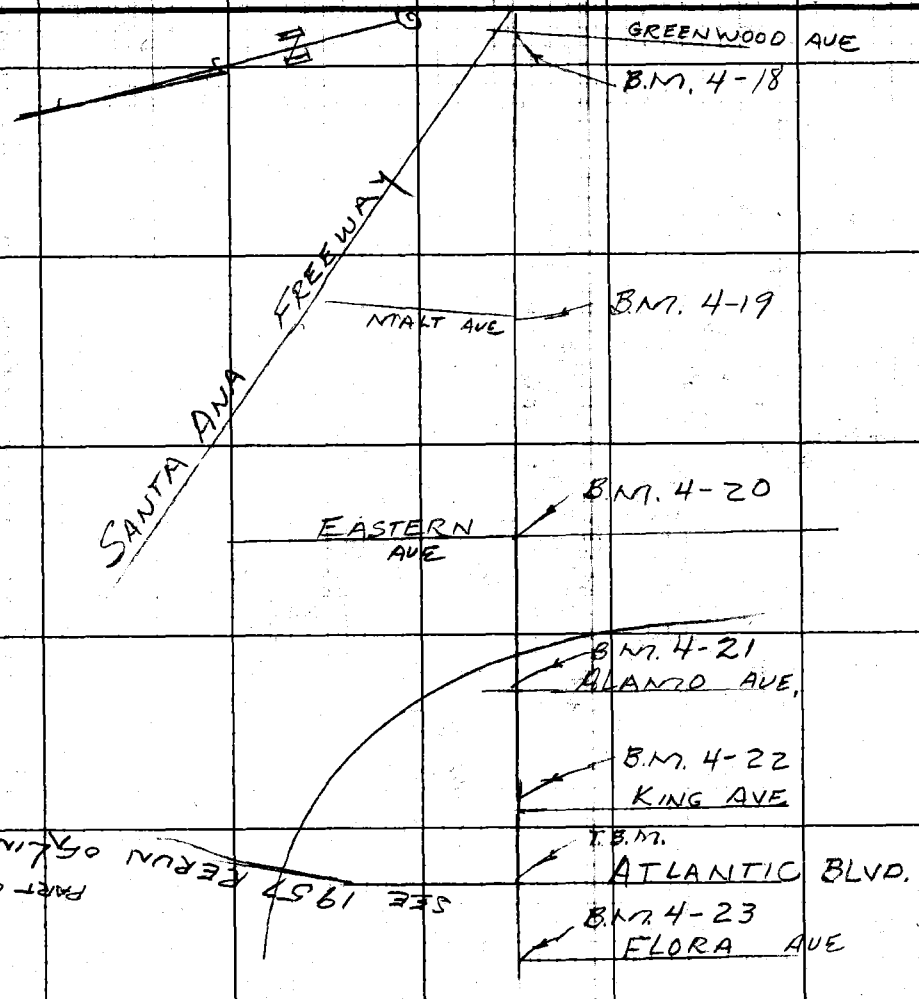
DREIER
MOODY
OHASHI
ALWIN
MOORE, R

Microfilmed March '86

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

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

Do not extend notes this side of this line.



SEE LINE 52 FOR DIFF. IN ELEV. BETWEEN B.M. 4-18 & 4-19; ALSO MORE LINE 4 B.M.S TO EAST

F.B. 2431 PG. 8

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN HAZE Inst. No NK142552
Notes by J. A. MOODY Time 9:30 to 10:30 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 4-19 To B.M. 4-20
Date 7-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7376		768		#15	6637		784		B.M. 4-19
	6608		768			5853		782		SLAUSON AVE & MALT AVE
	5840		1536			5071		1566		SEE F.B. 1205-24 FOR DESC.
1	19824	6.608		1.536	75°	17561	5.854		1.566	
	5877		624			6417		628		
	5253		621			5789		628		⊼ G.E. DREIER
	4632		1245			5161		1256		
2	15762	5.254		2.781		17367	5.789		2.822	
	5442		615			6712		625		
	4827		617			6087		626		
	4210		1232			5461		1251		
3	14479	4.826		4.013		18260	6.087		4.073	
	5573		622			6460		623		
	4951		621			5837		622		
	4330		1243			5215		1245		
4	14854	4.951		5.256		17512	5.837		5.318	
	5268		618			6673		630		
	4650		619			6043		629		
	4031		1237			5414		1259		
5	13949	4.650		6.493		18130	6.043		6.577	
		26.289					29.610			

F.B. 2431 P.G. 7

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIFP Weather SUN HAZE Inst. No. Nr. 142552
Notes by J.A. MOODY Time 9:30 TO 10:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 4-19 To BM. 4-20
Date 7-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6067	26.289	655	6.493		6368	29.410	594	6.577	
	5412		653			5774		594		
	4759		1308			5180		1188		
6	16.238	5.413		7.801		17.322	5.774		7.765	
	5172		621			6012		623		
	4551		621			5449		623		
	3930		1242			4826		1246		
7	13653	4.551		9.043		16.347	5.449		9.0[illegible]	
	5833		636			6598		627		
	5197		637			5971		625		
	4560		1273			5346		1252		
8	15.590	5.197		10.316		17.915	5.972		10.263	
	5838		639			6643		631		
	5199		638			6012		631		
	4561		~~1288~~ 1277			5381		1262		
9	15.598	5.199		11.5~~8~~9 3		18036	6.012		11.525	
	6998		637			7691		620		
	6361		637			7061		627		
	5724		1274			6440		1251		
10	19083	6.361		12.8~~5~~6 7		21198	7.066		12.776	
		53.010					59.883			

F.B. 2431 P.G. 8

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN HAZE Inst. No Nr. 142552
Notes by J. A. Moody Time 9:30 to 10:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 4-19 To B.M. 4-20
Date 7-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5089	~~53101~~ 53.010	623	12857 6		5941	59883	623	12776	
	4466		625			5318		621		
	3841		1248			4697		1244		
11	13396	4.465		14115		15956	5.319		14020	
	5709		619			6658		623		
	5090		619			6035		624		
	4471		1238			5411		1247		
12	15270	5.090		15353		18104	6.035		15267	
	5097		622			6087		626		
	4469		625			5461		624		
	3844		1247			4837		1250		
13	13404	4.468		16580 .600		16385	5.462		16517	
	4708		509			6097		637		
	4199		608			5460		637		
	3591		1217			4823		1274		
14	12498	4.199		17817		16380	5.460		17791	
	6794		623			6323		624		
	6171		624			5699		627		
	5547		1247			5072		1251		
15	18512	6.171		19064		17094	5.698		19042	
		~~77394~~ 77.372					87.855			

F.B. 2431 P.G. 9

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party C. E. DREIFR Weather SUN HAZE Inst. No. Nr. 142552
Notes by J. A. MOODY Time 9:30 to 10:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 4-19 To B.M. 4-20
Date 7-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7047	~~77.394~~ 77.372	625	19.0~~5~~4 6		6152	87.855	624	19042	
	6422		625			5528		626		
	5797		1250			4902		1250		
16	19.266	6.422		20.3~~0~~1		16.682	5.527		20.292	
	6348		628			5883		634		
	5720		626			5249		632		
	5094		1254			4617		1266		
17	17.162	5.721		21.5~~5~~6 8		15.749	5.250		21558	
	6288		622			6395		622		SUMMATION OF RUN
	5666		623			5773		620		B.M. 4-19 TO B.M. 4-20
	5043		1245			5153		1242		TOTAL BACKSIGHTS +106.~~857~~ 834
18	16.997	5.666		22.8~~0~~1 3		17.321	5.774		22800	TOTAL FORESIGHTS − 115.744
	6487		635			5539		620		DIFF IN ELEVATION ~~−8.887~~ −8.910
	5852		633			4919		619		
	5219		1268			4300		1239		
19	17.558	5.853		24.0~~1~~8		14.758	4.919		24039	
	6462		661			7072		653		BM 4-20
	5801		662			6419		652		SLAUSON AVE. & EASTERN AVE.
	5139		1323			5767		1305		SEE F.B. 12-05-25 FOR DESC
20	17.402	5.801		25.~~394~~ .404		19.258	6.419		25344	
		~~106.857~~ 106.834					115.744		25.394 50.788 = 0.964 min	

F.B. 2431 P.G. 10

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. NY 142552
Notes by J. MOODY Time 10:30 to 11:30 Rod No. 1546

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 4-20 To BM 4-19
Date 7-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7072		657			6453		656		BM 4-20
	6415		658			5797		658		SLAUSON AVE & EASTERN AVE
	5757		1315			5139		1314		SEE F.B. 1205-25 FOLDER
1	19244	6.415		1315		17389	5.796		1314	
	5530		619			6481		633		
	4911		619			5848		635		⊼ G E DREIER
	4292		1238			5213		1268		
2	14733	4.911		2553		17542	5.847		2582	
	6419		619			6314		622		
	5800		621			5692		622		
	5179		1240			5070		1244		
3	17398	5.799		3793		17076	5.692		3826	
	5479		636			5933		621		
	4842		634			5312		623		
	4208		1270			4689		1244		
4	14528	4.843		5.063		15934	5.311		5.070	
	6108		623			7004		625		
	5485		623			6379		623		
	4862		1246			5756		1248		
5	16455	5.485		6309		19139	6.380		6318	
		27453'					29026'			

F.B. 2431 P.G. 11

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIFF Weather SUN HAZE Inst. No. NY142552
Notes by J. MOODY Time 10:30 to 11:30 Rod No. 15 #6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 4-20 To BM 4-19
Date 7-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6106	27.453	628	6309		6572	29.026	622	6918	
	5478		627			5950		624		
	4851		1255			5326		1246		
6	16435	5.478		7.564		17848	5.949		7.564	
	6083		624			4823		623		
	5459		622			4200		623		
	4837		1246			3577		1246		
7	16379	5.460		8.810		12600	4.200		8.810	
	5993		624			4799		622		
	5369		626			4377		626		
	4743		1250			3751		1249		
8	16105	5.368		10.060		13127	4.376		10.058	
	6684		625			5731		619		
	6059		626			5112		616		
	5433		1251			4496		1235		
9	18176	6.059		11.311		15339	5.113		11.293	
	6023		623			5169		623		
	5400		622			4546		624		
	4778		1245			3922		1247		
10	16201	5.400		12.556		13637	4.546		12.540	
		55.218					53.210			

F.B. 2431 P.G. 12

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN, HAZE Inst. No. N 142552
Notes by L. MOODY Time 10:30 to 11:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 0-20 To BM 0-1
Date 7-3-58
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
	7593	53.218'	629	12556'		6888	53.210'	635	12580'	
	6961		630			6253		633		
	6331		1259			5620		1268		
11	20882	6.261		13815		18761	6.250		13808	
	6627		635			5814		634		
	5992		633			5180		634		
	5359		1268			4546		1268		
12	17978	5.998		15083		15540	5.180		15576	
	6533		626			5765		635		
	5907		627			5130		634		
	5280		1253			4496		1269		
13	17720	5.907		16336		15391	5.130		16345	
	6073		627			5163		615		
	5446		628			4548		617		
	4818		1255			3931		1232		
14	16337	5.446		17591		13642	4.548		17587	
	6570		622			6212		627		
	5948		625			5585		628		
	5323		1247			4957		1255		
15	17841	5.947		18838		16754	5.585		18842	
		85472'					79.906'			

F.B. 2431 P.G. 63

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN LAKE Inst. No. N/F 42552
Notes by J. MOODY Time 10:30 to 11:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From BM 4-20 To BM 4-19
Date 7-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6636	85.472	629	18.838		5230	79.906	618	18.8~~4~~3	
	6007		629			[illegible]		620		
	5378		1258			[illegible]		1238		
16	18.021	6.00[illegible]		20.096		13.83[illegible]	4.61[illegible]		20.0~~8~~7	
	6398		621			55[illegible]4		62[illegible]		
	5777		620			[illegible]		62[illegible]		
	5157		1241			[illegible]		1246		
17	17.332	5.777		21.33[illegible]		14.673	4.89[illegible]		21.3~~8~~6	
	6771		62[illegible]			5[illegible]		615		
	6144		625			4885		613		SUMMATION OF RUN
	5519		1252			4270		1228		B.M. 4-20 TO B.M. 4-19
18	18.434	6.1[illegible]		22.589		14.651	[illegible]		22.5~~8~~4	TOTAL BACKSIGHTS +115.020
	6469		626			[illegible]		622		TOTAL FORESIGHTS -106.133
	5843		626			5310		622		DIFF IN ELEVATION + 8.887
	5217		1252			4688		1244		
19	17.529	5.843		23.841		[illegible]	[illegible]		23.8~~8~~8	
	6560		784			[illegible]		753		BM 4-19
	5776		785			6531		[illegible]		SLAUSON AVE & MALT AVE
	4991		1569			[illegible]		1507		SEE F.B. 1205-24 for DESC.
20	17.32[illegible]	5.[illegible]6		25.41[illegible]		19.592	6.531		25.~~305~~295	
		115.020					106.133			

F.B. 2431 P.G. 14

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. Nr. 142552
Notes by G. E. DREIER Time 8:00 TO 10:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 4-20 To B.M. 4-21
Date 7-2-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.677		634		#15	5.899		631		B.M. 4-20
	7.043		633			5.268		629		SLAUSON AVE & EASTERN AVE
	6.410		1.267			4.639		1.260		SEE F.B. 1205-25 FOR DESC.
1	21.120	7.043		1.267	65°	15.806	5.269		1.260	
	6.716		623			6.081		632		
	6.093		621			5.449		632		⊼ J. MOODY
	5.472		1.244			4.817		1264		
	18.281	6.094		2.511		16.347	5.449		2.524	
	6.537		629			6.300		628		
	5.908		629			5.672		624		
	5.279		1.258			5.048		1.252		
3	17.724	5.908		3.769		17.020	5.673		3.776	
	6.420		621			5.117		626		
	5.799		619			4.491		624		
	5.180		1.240			3.867		1.250		
4	17.399	5.800		5.009		13.475	4.492		5.026	
	6.340		622			5.612		621		
	5.727		626			4.991		622		
	5.101		1.248			4.369		1.243		
5	17.177	5.726		6.257		14.972	4.991		6.269	
		30.5711					25.8741			

F.B. 2431 P.G. 15

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No NK 142552
Notes by G. E. DREIER Time 8:00 TO 10:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M 4-20 To B.M. 4-21
Date 7-2-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.540	30.571	627	6.257		5.848	25.874	625	6.269	
	5.913		626			5.223		622		
	5.287		1253			4.601		1247		
6	17.740	5.913		7.510		15.672	5.224		7.516	
	6.269		623			5.761		623		
	5.646		625			5.138		622		
	5.021		1.248			4.516		1.245		
7	16.936	5.645		8.758		15.415	5.138		8.761	
	6.527		629			4.721		620		
	5.898		628			4.101		620		
	5.270		1.257			3.481		1.240		
8	17.695	5.898		10.015		12.303	4.101		10.001	
	7.781		625			2.747		626		
	7.156		627			2.121		622		
	6.529		1.252			1.499		1.248		
9	21.466	7.155		11.267		6.367	2.122		11.249	
	9.308		619			2.593		623		
	8.689		620			1.970		622		
	8.069		1.239			1.348		1.245		
10	26.066	8.689		12.506		5.911	1.970		12.494	
		63.871					44.429			

F.B. 2431 P.G. 16

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party W. E. DREIER Weather OVERCAST Inst. No. Nr. 142552
Notes by G. E. DREIER Time 8:00 TO 10:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 4-20 To B.M. 4-21
Date 7-2-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.101	63.871	600	12.506		11.907	44.429	610	12.494	
	2.501		600			11.297		610		
	1.901		1.200			10.687		1.220		
11	7.503	2.501		13.706		33.891	11.297		13.714	
	0.635		185			11.920		203		
	0.450		185			11.717		204		
	0.265		370			11.513		407		
12	1.350	0.450		14.076		35.150	11.717		14.121	
	0.518		233			7.638		194		
	0.385		232			7.444		194		
	0.253		465			7.250		388		
13	1.156	0.385		14.541		22.332	7.444		14.509	
	6.337		575			5.922		577		
	5.762		574			5.345		577		
	5.188		1149			4.768		1.154		
14	17.287	5.762		15.690		16.035	5.345		15.663	
	11.911		581			1.697		607		
	11.330		580			1.090		608		
	10.750		1.161			0.482		1215		
15	33.991	11.330		16.851		3.269	1.090		16.878	
		84.299					81.322			

F.B. 2431 P.G. 11

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. Nr. 142552
Notes by G. E. DREIER Time 8:00 TO 10:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 4-20 To B.M. 4-21
Date 7-2-58
Indexed L. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.941	84.299'	146	16.857'		0.697	81.322'	196	16.878'	
	11.795		147			0.501		197		
	11.648		293			0.304		393		
16	35.384	11.795		17.144		1.502	0.501		17.271	
	10.442		631			9.359		602		
	9.811		629			8.757		605		
	9.182		1.260			8.152		1.207		
17	29.435	9.812		18.404		26.268	8.756		18.478	
	5.033		510			8.892		490		
	4.523		510			8.402		489		
	4.013		1.020			7.913		979		
18	13.569	4.523		19.424		25.207	8.402		19.457	
	3.162		340			9.078		356		
	2.822		337			8.722		355		
	2.485		677			8.367		711		
19	8.469	2.823		20.101	75°	26.167	8.722		20.168'	B.M. 4-21 SLAUSON AVE & ALAMO AVE SEE F.B. 1205-26 FOR DESC.
									20.101 40.269' ÷ 0.76 mi.	SUMMATION OF RUN B.M. 4-20 TO B.M. 4-21
										TOTAL BACKSIGHTS +113.252'
										TOTAL FORESIGHTS -107.703'
		113.252'					107.703'			DIFF IN ELEVATION +5.549'

F.B. 2431 P.G. 18

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No NR. 142552
Notes by G. E. DREIER Time 11:15 TO 12:25 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 4-21 To B.M. 4-20
Date 7-2-58
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
	9.075		346		#15	3.174		349		B.M. 4-21
	8.729		345			2825		350		CLAUSON AVE & ALAMO AVE
	8.384		691			2.475		699		SEE F.B. 1205-26 FOR DESC.
1	26.188	8.729		.691	75°	8.474	2.825		.699	
	9048		501			5.163		495		
	8.547		502			4.668		495		
	8.045		1003			4.173		990		T J. MOODY
2	25.640	8.547		1.694		14.004	4.668		1.689	
	9292		601			10.379		631		
	8691		600			9748		630		
	8.091		1201			9.178		1261		
3	26.074	8.691		2.895		29.245	9.748		2.950	
	0521		148			11.777		101		
	0.373		147			11.668		110		
	0.226		295			11.558		219		
4	1.120	0.373		3.190		35.003	11.668		3.169	
	1.580		564			11.841		584		
	1.016		564			11.257		587		
	0.452		1.128			10.670		1.171		
5	3.048	1.016		4.318		33.768	11.256		4.340	
		27.356					40.165			

F.B. 2431 P.G. 19

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: HAZY SUN Inst. No: Nr. 142552
Notes by: G. E. DREIER Time: 11:15 TO 12:25 Rod No.: 15 & 16

Name: L. A. CO. PRECISE LEVEL NET
Job No: 0301.02
From: B.M. 4-21 To: B.M. 4-20
Date: 7-2-58
Indexed: A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.058	27.356	580	4.318		6.467	40.165	573	4.346	
	5.478		580			5.894		573		
	4.898		1.160			5.321		1.146		
6	16.434	5.478		5.478		17.682	5.894		5.486	
	8.277		194			1.158		135		
	8.083		193			1.023		134		
	7.890		387			0.889		269		
7	24.250	8.083		5.865		3.070	1.023		5.755	
	11.949		202			0.669		187		
	11.747		202			0.482		188		
	11.545		404			0.294		375		
8	35.241	11.747		6.269		1.445	0.482		6.130	
	11.882		611			3.079		600		
	11.271		610			2.479		598		
	10.661		1.221			1.881		1.198		
9	33.814	11.271		7.490		7.439	2.480		7.328	
	2.642		621			9.361		622		
	2.021		620			8.739		621		
	1.401		1.241			8.118		1.243		
10	6.064	2.021		8.731		26.218	8.739		8.571	
		65.956					58.783			

F.B. 2431 P.G. 20

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. Nr. 142552
Notes by G. E. DREIER Time 11:15 TO 12:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 4-21 To B.M. 4-20
Date 7-2-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.842	65.956	601	8.731		7.921	58.783	649	8.571	
	2.241		601			7.272		650		
	1.640		1202			6.622		1.299		
11	6.723	2.241		9.933		21.515	7.272		9.870	
	4.778		608			6.609		641		
	4.170		607			5.968		639		
	3.563		1215			5.329		1.280		
12	12.511	4.170		11.848		17.906	5.969		11.150	
	5.690		623			6.199		627		
	5.067		625			5.572		623		
	4.442		1.248			4.949		1.250		
13	15.199	5.066		12.496		16.720	5.573		12.400	
	5.832		621			6.529		627		
	5.211		622			5.902		628		
	4.589		1.243			5.274		1.255		
14	15.632	5.211		13.639		17.705	5.902		13.655	
	5.589		621			6.327		626		
	4.968		620			5.701		624		
	4.348		1.241			5.077		1.250		
15	14.905	4.968		14.880		17.105	5.702		14.905	
		87.612					89.201			

F.B. 2431 P.G. 21

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. NR.142552
Notes by G. E. DREIER Time 11:15 TO 12:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 4-21 To B.M. 4-20
Date 7-2-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.047	87.612	626	14.880		6.349	89.201	620	14.905	
	4.421		623			5.729		620		
	3.798		1.249			5.109		1.240		
16	13.266	4.422		16.129		17.187	5.729		16.145	
	6.347		625			6.585		630		
	5.722		622			5.955		630		
	5.100		1.247			5.325		1.260		
17	17.169	5.723		17.476		17.865	5.955		17.405	
	5.907		632			6.542		619		
	5.275		632			5.923		621		
	4.643		1.264			5.302		1.240		
18	15.825	5.275		18.540		17.767	5.922		18.645	
	5.752		604			7.582		664		B.M. 4-20
	5.148		607			6.918		665		SLAUSON AVE & EASTERN AVE.
	4.541		1.211			6.253		1.329		SEE F.B. 1205-25 FOR DESC.
19	15.441	5.147		19.951		20.753	6.918		19.974	
										SUMMATION OF RUN
										B.M. 4-21 TO B.M. 4-20
										TOTAL BACKSIGHTS +108.179'
										TOTAL FORESIGHTS -113.725'
										DIFF IN ELEVATION -5.546'
		108.179'					113.725'			

F.B. 2431 P.G. 22

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SMOG Inst. No NK.142552
Notes by J. MOODY Time 10:05 to 10:45 Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No 0301.02
From B.M. 4-21 To B.M. 4-22
Date 7-2-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	7620 6999 6378 20.997	6.999	621 621 1242	1242	#15 75°	6.129 5502< 4878 16.509	5.503	627 624 1251	1251	B.M. 4-21 SLAUSON AVE & ALAMO AVE. SEE F.B. 1205-26 FOR DESC.
2	6427 5902 5377 17.706	5.902	625 625 1250	2492		6058 5432 4808 16.298	5.433	626 624 1250	2601	T G. E. DREIER
3	6311 5690 5072 17.073	5.691	621 618 1239	3731		6627 5973 5321 17.921	5.974	654 652 1306	3807	
4	6390 5760 5131 17.281	5.760	630 629 1259	5990		5372 4752 4130 14.254	4.751	620 622 1242	5049	
5	5744 5117 4491 15.352	5.117	627 626 1253	6243✓		5200 4617 3994 13.851	4.617	623 623 1246	6295✓	
		29.369✓					26.278✓			

F.B. 2431 P.G.

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SMOG Inst. No. N142552
Notes by J. MOODY Time 10:05 to 10:45 Rod No. 1586

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 4-21 To BM 4-22
Date 7-2-58
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
	5818	29.369'	621	6.203'		6108	26.278'	626	6.295'	
	5197		624			5522		624		
	4573		1245			4898		1250		
6	15.588	5.196		7.088		16.569	5.523		7.595	
	7056		624			6331		629		
	6832		623			5702		629		
	6209		1247			5073		1258		
7	20.497	6.832		8.735		17.106	5.702		8.803	
	6867		625			5830		622		
	6242		623			5208		622		
	5619		1248			4586		1244		
8	18.728	6.243		9.983		15.624	5.208		10.047	
	6512		625			5128		629		
	5887		627			4499		630		
	5260		1252			3869		1259		
9	17.659	5.886		11.235		13.496	4.499		11.306	
	6225		623			5648		621		
	5602		621			5027		622		
	4981		1244			4405		1243		
10	16.808	5.603		12.479'		15.080	5.027		12.549'	
		59.129'					52.237'			

F.B. 2431 P.G. 24

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SMOG Inst. No. NY 14255.2
Notes by J. MOODY Time 10.05 to 10.45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 4-21 To BM 4-22
Date 7-2-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5630	59.129	390	12.475 9		6602	52.237	375	12.549	BM 4-22 BELL B 2
	5240		388			6227		375		SLAUSON AVE & KING AVE
	4852		778			5852		750		SEE F.B. 1205-27 FOR DESC
11	15.722	5.241		13.253		18.679 81	6.226 7		13.299	
									13.252	
									26.551	
									=0.5 mi.	
										SUMMATION OF RUN
										B.M. 4-21 TO B.M. 4-22
										TOTAL BACKSIGHTS + 64.370
										TOTAL FORESIGHTS - 58.464
										DIFF IN ELEVATION + 5.906
		64.370					58.464			

F.B. 2431 P.G. 25

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SNOW Inst. No. NK 14255
Notes by J. MOODY Time 10:05 to 11:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 4-22 To B.M. 4-21
Date 7-2-58
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
	6512		379			5532		385		B.M. 4-22 (BELL B-2)
	6133		380			5107		388		SLAUSON AVE & KING AVE
	5753		759			4759		773		SEE F.B. 1205-27 for DESC
1	18398	6133		759		15438	5146		773	
	6031		622			6612		622		
	5409		624			5990		623		⊼ DREIER
	4785		1246			5367		1245		
2	16225	5408		2005		17969	5990		2018	
	5145		626			6534		629		
	4519		628			5905		631		
	3891		1259			5274		1260		
3	13555	4518		3259		17713	5904		3278	
	5612		627			6645		618		
	4990		626			6027		618		
	4364		1253			5409		1236		
4	10971	4990		2512		18081	6027		2514	
	6367		628			7492		624		
	5739		628			6868		628		
	5111		1256			6240		1252		
5	17217	5739		5768		20600	6867		5766	
			26,788					29,934		

F.B. 2431 P.G. 26

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SMOG Inst. No NF 142552
Notes by J. MOODY Time 10:45 to 11:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 9-22 To BM 9-21
Date 7-2-58
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
	5977	26.788	620	5768		5608	29.934	622	5766	
	5352		620			5026		623		
	4728		1208			4403		1245		
6	16.086	5.352		7.016		15.077	5.026		7.011	
	5213		625			5709		622		
	4588		628			5087		625		
	3960		1253			4462		1247		
7	13.761	4.587		8.269		15.258	5.086		8.258	
	5250		621			6269		627		
	4633		621			5642		625		
	4012		1242			5017		1252		
8	13.899	4.633		9.511		16.928	5.643		9.510	
	6508		655			6232		621		
	5893		651			5611		620		
	5242		1306			4991		1241		
9	17.683	5.894		10.817		16.834	5.611		10.751	
	5948		628			6314		623		
	5320		628			5691		622		
	4692		1256			5069		1245		
10	15.960	5.320		12.073		17.074	5.691		11.996	
		52.574					56.991			

F.B. 2431 P.G. 27

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SMOG Inst. No NR 142552
Notes by J. MOODY Time 10:45 to 11:15 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 4-22 To BM 0-21
Date 7-2-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6088	52.574	625	12073		7590	56.991	625	11996	BM 4-21
	5463		624			6965		626		SALUSON AVE & ALAMO AVE
	4839		1249			6339		1251		SEE C.B. 1205-26 FOR DESC.
11	16.390	5.463		13.322		20.894	6.965		13.247	
										SUMMATION OF RUN
										B.M. 4-22 TO B.M. 4-21
										TOTAL BACKSIGHTS +58.037
										TOTAL FORESIGHTS -63.956
										DIFF IN ELEVATION -5.919
		58.037					63.956			

F.B. 2431 P.G. 28

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. Nr. 142552
Notes by G. E. DREIER Time 2:25 TO 3:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 4-22 To B.M. 4-23
Date 7-2-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.505		651		#15	5.899		644		B.M. 4-22 (BELL B-2)
	6.854		652			5.255		646		SLAUSON AVE & KING AVE
	6.202		1303			4.609		1290		SEE F.B. 1205-27 FOR DESC.
1	20.561	6.854		1303	80°	15.763	5.254		1.290	
	6.918		626			5.672		624		
	6.292		623			5.048		623		
	5.669		1.249			4.425		1.247		T J. MOODY
2	18.879	6.293		2.551		15.145	5.048		2.537	
	6.361		625			6.045		624		
	5.736		626			5.421		623		
	5.110		1.251			4.798		1.227		
3	17.207	5.736		3.802		16.264	5.421		3.764	
	6.636		631			6.037		630		+24.888'
	6.005		630			5.407		628		-21.130'
	5.375		1.261			4.779		1.258		+ 3.758'
4	18.016	6.005		5.063'		16.223	5.407		5.022'	
		24.888'					21.130'			T.B.M. ATLANTIC BLVD. &
										SLAUSON AVE, N.E. COR., B.SPK
										IN CURB 125 FT. N. OF N.
										END OF CURB RETURN

F.B. 2431 P.G. 29

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather LIGHT BREEZE SUN Inst. No. N.14 2552
Notes by G. E. DREIER Time 2:25 TO 3:00 Rod No. 158.16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 4-22 To B.M. 4-23
Date 7-2-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.829		452	5.063		5.674		449	5.022	
	5.377		454			5.225		448		
	4.923		906			4.777		897		
5	16.129	5.376		5.969		15.676	5.225		5.919	
	6.329		565			6.135		564		SUMMATION OF RUN
	5.764		565			5.571		561		DIFF IN ELEV.
	5.199		1.130			5.010		1.125		B.M. 4-22 TO T.B.M. AT ATLANTIC +3.758
6	17.292	5.764		7.099		16.716	5.572		7.044	T.B.M. AT ATLANTIC TO B.M. 4-23 +1.481
	6.405		628			6.179		621		B.M. 4-22 TO B.M. 4-23 -5.239
	5.777		628			5.558		621		
	5.149		1.256			4.937		1.242		
7	17.331	5.777		8.355		16.674	5.558		8.286	
	6.497		629			5.747		618		+29.070
	5.868		626			5.129		615		-27.589
	5.242		1.255			4.514		1.233		+1.481
8	17.607	5.869		9.610		15.390	5.130		9.519	
	6.921		638			6.729		625		
	6.283		634			6.104		625		B.M. 4-23 (BELL 2A 1938)
	5.649		1.272			5.479		1.250		SLAUSON AVE & FLORA AVE.
9	18.853	6.284		10.882		18.312	6.104		10.764	SEE F.B. 1205-28 FOR DESC
		29.070					27.589		10.882	
									21.651	
									=0.41 mi.	

F.B. 2431 P.G. 3.0

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Hazy Sun Inst. No. NR 142552
Notes by G. E. DREIER Time 1:45 TO 2:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 4-23 To B.M. 4-22
Date 7-2-58
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
	6.585		623		#15	6.766		628		B.M. 4-23 (BELL B-2A)
	5.962		624			6.138		628		SLAUSON AVE & FLORA AVE
	5.338		1.247			5.510		1.256		SEE F.B. 1205-28 FOR DESC
1	17.885	5.962		1.247	82°	18.414	6.138		1.256	
	5.668		615			6.422		627		
	5.053		613			5.795		627		⊼ J. 1220001
	4.440		1.228			5.168		1.254		
2	15.161	5.054		2.475		17.385	5.795		2.510	
	6.167		622			6.388		627		
	5.545		621			5.761		626		
	4.924		1.243			5.135		1.253		
3	16.636	5.545		3.718		17.284	5.761		3.763	
	5.871		562			6.062		560		+ 27.128✓
	5.309		562			5.502		560		− 28.604✓
	4.747		1.124			4.942		1.120		− 1.476✓
4	15.927	5.309		4.842		16.506	5.502		4.883	
	5.698		440			5.875		467		T.B.M. SLAUSON & ATLANTIC
	5.258		441			6.408		467		BLVD, N.E. COR., B.SPK IN
	4.817		881			4.941		934		CURB FT. N. OF N END
5	15.773	5.258		5.723✓		16.224	5.408		5.817✓	OF CUR
		27.128✓					28.604✓			

F.B. 2431 P.G. 37

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. Nr. 142552 Name L. A. CO. PRECISE LEVEL NP
Notes by G. E. DREIER Time 1:45 TO 2:25 Rod No. 15 & 16 Job No. 0301.02
From B.M. 4-23 To B.M. 4-22
Date 7-2-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.023		626	5.723		6.622		626	5.817	
	5.397		629			5.996		628		
	4.768		1.255			5.368		1.254		
6	16.188	5.396		6.978		17.986	5.995		7.071	
	6.133		644			6.406		606		
	5.489		642			5.800		603		
	4.847		1.286			5.197		1.209		
7	16.469	5.490		8.264		17.403	5.801		8.280	
	5.683		621			6.929		622		
	5.062		625			6.307		625		+21.225
	4.437		1.246			5.682		1.247		-24.977
8	15.182	5.061		9.510		18.918	6.306		9.527	-3.752
	5.916		638			7.531		656		
	5.278		637			6.875		656		BM. 4-22 (BELL B-2
	4.641		1.275			6.219		1312		SLAUSON AVE & KING AVE.
9	15.835	5.278		10.785		20.625	6.875		10.839	SEE F.B 1205-27 FOR DESC.
		21.225					24.977			

SUMMATION OF RUN

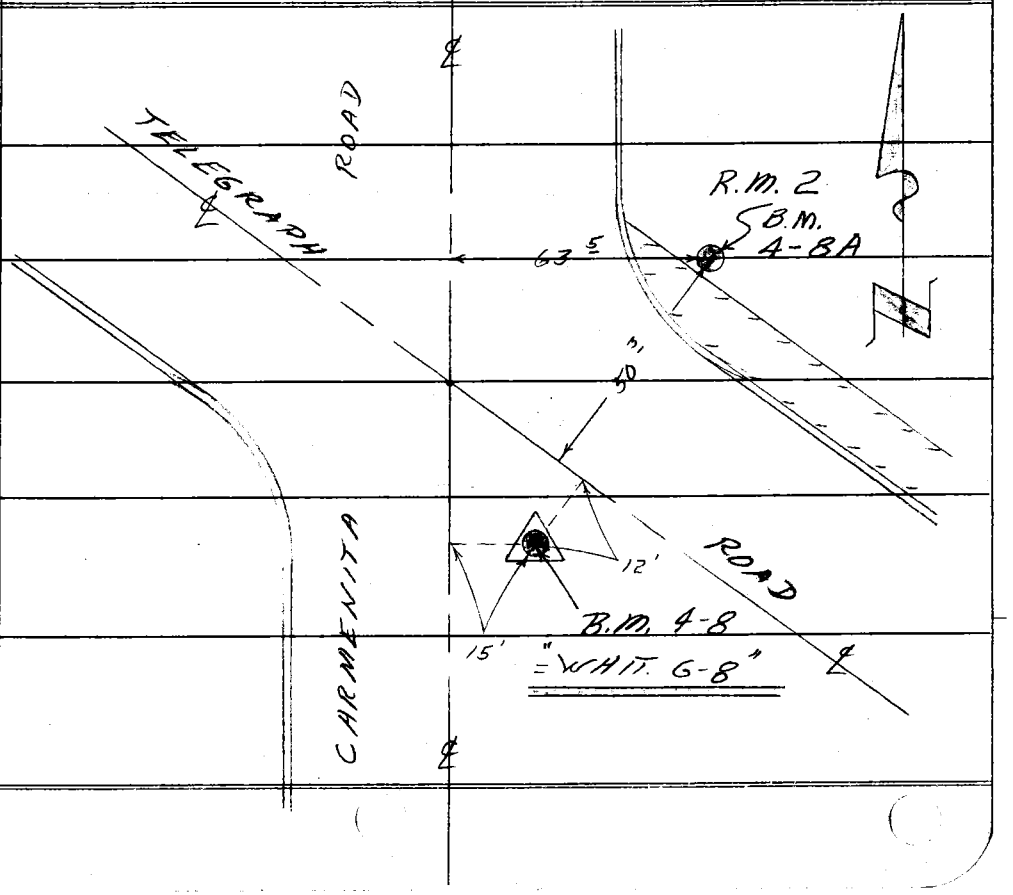
DIFF IN ELEVATION B.M. 4-23 TO T.B.M. AT ATLANTIC -1.476
" " T.B.M. AT ATLANTIC TO B.M. 4-22 -3.752
" " " B.M. 4-23 TO B.M. 4-22 -5.228

F.B. 2431 P.G. 32

F. B. 2431 PG. 33

NOTES RED. JOB NO. 0301.00 SURVEY OF GEOD. CONT.
DATE SURVEY BY W. D. BAY
NOTES CHKD. NOTES BY BAY DATE 12-2-60
DATE INDEXED H. E. OTT DATE 12-27-60

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
B.M. 4-8 TRANSFER OF ELEVATION TO "WHITTIER G-8", B.M. 4-8A R.M. NO. 2. (SEE NEXT PG.)						



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

Do not extend notes this side of this line

PLEASE RETURN TO
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725 LOS ANGELES COUNTY ENGINEERING BLDG.

768420 S & E-353 4-54

76S420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Bm. 4-8	156.724					Bm. 4-8 ELEV. 156.724 (1952 ADJ)
+	5.925		5.759			F.B. 1205-13
⊼	162.649	+0.430		+0.427		
—	5.495		5.332			
B.M. 4-8A WHITTIER 6-8 Rm 2	157.154					"B.M. 4-8A WHITTIER 6-8" R.M. 2 TELEGRAPH RD. + CARMENITA RD. N.E. COR., 50.3' N.ELY. OF ℄ OF TELEGRAPH RD. + 63.5' E. OF ℄ OF CARMENITA RD. DN. 9" IN A WELL WITH A STD. CO. ENGR. COVER. A STD. 4" BRASS R.M. CAP IN CONC. STAMPED "WHITTIER 6-8 R.M. 2 1960 L.A. CO. ENGR. R.E. 5869"!
+	5.439		5.572			
⊼	162.593	+1.312		+1.312		
—	4.127		4.260			
T.P.	158.466					
+	4.438		4.347			
⊼	162.904	-1.739		-1.741		
—	6.177		6.088			
Bm. 4-8	156.727					Bm. 4-8 (SEE ABOVE)

JOB NO. 0301.00 SURVEY OF GEOD. CONTROL NOTES RED
SURVEY BY W.D. BAY DATE
NOTES BY Bay DATE 12-2-60 NOTES CHKD.
INDEXED DATE DATE

F.B. 2431 PG. 34

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes Date 7 - 58
Date	Indexed C. Johnson

F. B. 2431 PG. 99

JOB NO. 0301.02
L.A. CO. PRECISE LEVEL NET
RERUN OF LINE NO. 9

DREIER
MOODY
OHASHI
ALWIN
MOORE, R.

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

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LOS ANGELES COUNTY ENGINEER
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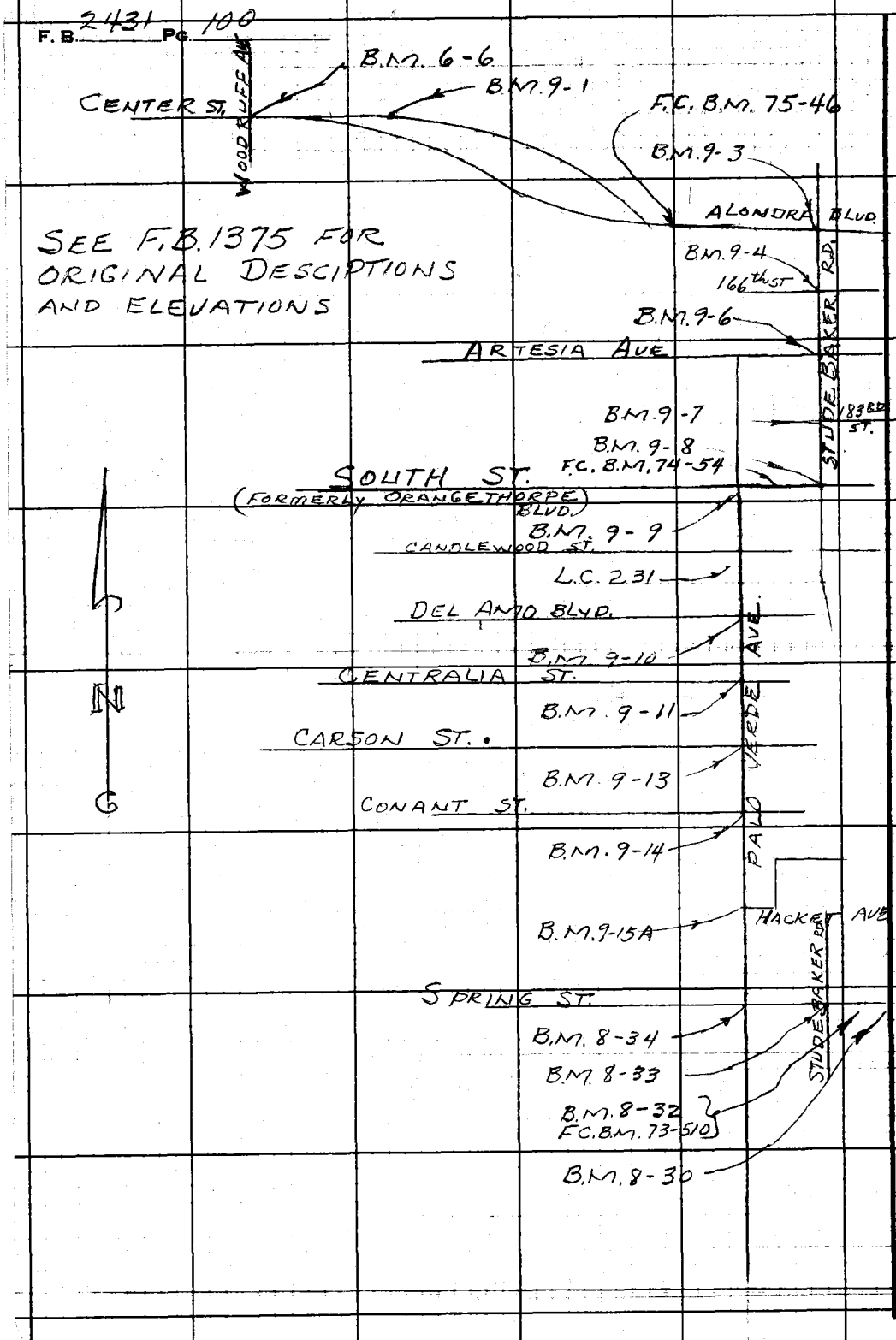
76F3095 CE #247—3-57

F. B. 2431 PG. 100



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No NR 142552
Notes by G. E. DREIER Time 8:45 TO Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No 0301.02
From B.M. 6-6 To B.M. 9-3
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.739		627			5.507		629		B.M. 6-6
	6.112		624			4.878		629		CENTER ST. EAST OF WOODRUFF AVE
	5.488		1.251			4.249		1.258		SEE F.B. 1207-11 FOR DESC.
1	18.339	6.113		1.251		14.634	4.878		1.258	
	6.263		631			5.901		633		⊼ J.A. MOODY
	5.632		630			5.268		634		
	5.002		1.261			4.634		1.267		
2	16.897	5.632		2.512		15.803	5.268		2.525	
	5.597		630			6.015		626		
	4.967		630			5.389		627		+ 26.964 ✓
	4.337		1.260			4.762		1.253		− 27.294 ✓
3	14.901	4.967		3.772		16.166	5.389		3.778	− 0.330 ✓
	5.591		630			5.749		624		
	4.961		630			5.125		625		
	4.331		1.260			4.500		1.249		
4	14.883	4.961		5.032		15.374	5.125		5.027	
	5.794		503			7.149		515		
	5.291		502			6.634		515		B.M. 9-1 (CLEARWATER K-2)
	4.789		1.005			6.119		1.030		
5	15.874	5.291		6.037 ✓		19.902	6.634		6.057 ✓	SEE F.B. 1375-6 FOR DESC.
		26.964 ✓					27.294 ✓			

F.B. 2431 P.G. 101

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No NT 142552
Notes by G. E. DREIER Time 8:45 TO Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM. 6-6 To BM. 9-3
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.119		628	6.037		6.302		629	6.057	
	6.491		630			5.673		628		
	5.861		1.258			5.045		1.257		
6	19.471	6.490		7.295		17.020	5.673		7.314	
	5.970		625			6.073		625		
	5.345		628			5.448		627		
	4.717		1.253			4.821		1.252		
7	16.032	5.344		8.548		16.342	5.447		8.566	
	5.947		629			5.735		627		
	5.318		629			5.108		626		
	4.689		1.258			4.482		1.253		
8	15.954	5.318		9.806		15.325	5.108		9.819	
	7.767		614			2.315		628		
	7.153		613			1.687		628		
	6.540		1.227			1.059		1.256		
9	21.460	7.153		11.033		5.061	1.687		11.075	
	9.981		628			1.751		626		
	9.353		629			1.133		625		
	8.724		1.257			0.508		1.251		
10	28.058	9.353		12.290		3.400	1.133		12.326	
		33.658					19.548			

F.B. 2431 P.G. 102

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. Nr 142552
Notes by G.E. DREIER Time 8:45 TO Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From B.M. 6-6 To B.M. 9-3
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.083	33.658	625	12.290		4.356	19.341	637	12.326	
	8.458		623			3.719		637		+ 47.634
	7.835		1.248			3.082		1.274		- 27.[illegible]
11	25.376	8.459		13.538		11.157	3.719		13.600	+ 20.2[illegible]
	5.808		289			4.893		270		
	5.519		288			4.623		270		
	5.231		577			4.353		540		
12	16.558	5.519		14.115		13.869	4.623		14.140	
		47.634					27.390			F.C. B.M. 75-46, 1952 ALONDRA BLVD. & SAN GABRIEL RIVER S.W. COR. STD. FLOOD CONTROL DISC IN W. ABUTMENT ON CURB LINE.
	5.817		574			7.109		571		
	5.243		572			6.538		570		
	4.671		1.146			5.968		1.141		
13	15.731	5.244		15.261		19.615	6.538		15.281	
	2.755		627			9.279		624		
	2.128		626			8.655		624		
	1.502		1.253			8.031		1.248		
14	6.385	2.128		16.514		25.965	8.655		16.529	
		7.372					15.193			

F.B. 2031 P.G. 103

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIER Weather OVERCAST Inst. No Nr 142552
Notes by G. E. DREIER Time 8:45 To Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No 0301.02
From B.M. 6-6 To B.M. 9-3
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.528	7.372	627	16.514		10.130	15.193	631	16.529	
	0.951		626			9.499		630		
	8.325		1253			5.869		1261		
15	2.854	0.951		17.767		28.498	9.499		17.790	
	3.191		624			6.216		625		
	2.567		626			5.591		624		
	1.941		1.250			4.967		1.249		
16	7.699	2.566		19.017		16.774	5.591		19.039	
	5.458		631			5.660		631		
	4.827		630			5.029		629		
	4.197		1.261			4.400		1.260		
17	14.482	4.827		20.278		15.089	5.030		20.299	
	6.152		635			5.899		635		
	5.517		638			5.264		634		
	4.879		1.273			4.630		1.269		
18	16.548	5.516		21.551		15.793	5.264		21.568	
	6.062		630			5.983		631		
	5.432		630			5.352		632		
	4.802		1.260			4.720		1.263		
19	16.296	5.432		22.811		16.055	5.352		22.831	
		26.664					45.924			

F.B. 2431 P.G. 104

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. N.142552
Notes by G. E DREIER Time 8:45 TO 10:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NF
Job No. 030102
From B.M. 6-6 To B.M. 9-3
Date 7-7-58
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
	6.435	26.664	629	22.811		5.907	25.929	636	22.831	
	5.806		631			5.271		635		
	5.175		1.260			4.636		1.271		
20	17.416	5.805		24.071		15.814	5.271		24.102	
	6.257		635			6.128		635		+ 48.545
	5.622		633			5.493		634		- 68.399
	4.989		1.268			4.859		1.269		- 19.854
21	16.868	5.623		25.334		16.480	5.493		25.371	
	5.902		640			6.244		649		
	5.262		641			5.595		651		
	4.621		1.281			4.944		1.300		
22	15.785	5.262		26.620		16.783	5.594		26.671	
	5.861		671			6.748		637		B.M. 9-3 (ARTESIA A-2)
	5.190		669			6.111		633		ALONDRA BLVD. & STUDEBAKER
	4.521		1.340			5.478		1.270		SEE F.B. 1375-8 FOR DESC
23	15.572	5.191		27.960		18.337	6.112		27.941	
		48.545					68.399		27.960	
									55.901	
									= 1.08 mi	
										SUMMATION OF RUN
										DIFF IN ELEV. B.M. 6-6 TO B.M. 9-1 - 0.330
										" " " B.M. 9-1 TO B.M. F.C. 75-46 + 20.246
										" " " F.C. 75-46 TO B.M. 9-3 - 19.854

F.B. 2131 P.G. 105

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Hazy Sun Inst. No. X-142552
Notes by G.E. DREIER Time 1:45 70 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 9-3 To B.M. 6-6
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.569		648		#15	5.652		654		B.M. 9-3 (ARTESIA A-2)
	5.921		649			4.998		656		ALONDRA BLVD. & STUDEBAKER RD.
	5.272		1.297			4.342		1310		SEE F.B. 1375-8 FOR DESC.
1.	17.762	5.921		1.297	85°	14.992	4.997		1.310	
	6.308		649			5.967		642		⊼ J.A. MOODY
	5.659		649			5.325		640		
	5.010		1.298			4.685		1.282		
2	16.977	5.659		2.595		15.977	[illegible]		2.592	
	6.090		632			6.220		635		
	5.458		636			5.585		635		
	4.822		1.268			4.950		1270		
3	16.370	5.457		3.863		16.755	5.585		3.862	
	5.928		633			6.458		631		
	5.295		634			5.827		632		
	4.661		1.267			5.195		1263		
4.	15.884	5.295		5.130		17.480	5.827		5.125	
	5.983		631			6.063		630		
	5.352		630			5.433		628		
	4.722		1261			4.805		1258		
5	16.057	5.352		6.391		16.301	5.434		6.383	
		27.684					27.169			

F.B. 2431 P.G. 106

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Hazy Sun Inst. No. Nr 142552
Notes by G.E. DREIER Time 1145 To Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From B.M. 9-3 To B.M. 6-6
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.039	27.684	634	6.391		6.291	27.169	634	6.383	
	5.405		636			5.657		630		
	4.769		1.270			5.021		1.270		
6	16.213	5.404		7.661		16.969	5.656		7.653	
	5.857		629			5.658		632		
	5.228		629			5.026		633		
	4.599		1.258			4.393		1.265		
7	15.684	5.228		8.919		15.077	5.026		8.918	
	6.191		620			3.172		625		
	5.571		620			2.547		627		
	4.951		1.240			1.920		1.252		
8	16.713	5.571		10.159		7.639	2.546		10.170	
	10.085		633			1.538		629		
	9.452		630			0.909		627		
	8.822		1.263			0.282		1.256		
9.	28.359	9.453		11.422		2.729	0.910		11.426	
	9.267		626			2.741		623		
	8.641		623			2.118		627		
	8.018		1.249			1.491		1.250		
10.	25.926	8.642		12.671		6.350	2.117		12.676	
		61.982					43.424			

F.B. 2431 P.G. 107

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. NK 142552
Notes by G. E. DREIER Time 1:45 70 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 9-3 To B.M. 6-6
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.114	61.982	573	12.671		5.817	43.424	572	12.676	+ 68.524
	6.541		571			5.245		570		− 48.670
	5.970		1.144			4.675		1.142		+ 19.854
11	19.625	6.542		13.815		15.737	5.246		13.518	
		68.524					48.670			F.C. B.M. 75-46, 1952 ALONDRA BLVD & SAN GABRIEL RIVER, SW. COR. STD FLOOD CONTROL DISC IN W. ABUTEMENT ON CURB LINE
	4.859		271			5.769		285		
	4.588		271			5.484		286		
	4.317		542			5.198		571		
12	13.764	4.588		14.357		16.451	5.484		14.389	
	4.296		638			9.021		623		
	3.658		639			8.398		623		
	3.019		1.277			7.775		1.246		
13	10.973	3.658		15.634		25.194	8.398		15.835	
	1.865		626			10.085		627		
	1.239		627			9.458		628		
	0.612		1.253			8.830		1.255		
14	3.716	1.239		16.887		28.373	9.458		16.870	
		9.485					23.340			

F.B. 2431 P.G. 108

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. N-142552
Notes by G. E. DREIER Time 1:45 TO 3:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-3 To B.M. 6-6
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.351	9.485	616	16.887		7.827	23.340	626	16.890	
	1.735		617			7.201		622		
	1.118		1.233			6.579		1.248		
15	5.204	1.735		18.120		21.607	7.202		18.138	
	5.721		630			5.923		625		
	5.091		629			5.298		627		
	4.462		1.259			4.671		1.252		
16	15.274	5.091		19.379		15.892	5.297		19.390	
	6.103		625			6.002		627		
	5.478		628			5.375		626		
	4.850		1.253			4.749		1.253		
17	16.431	5.477		20.632		16.126	5.375		20.643	
	5.987		637			6.796		630		+ 27.139
	5.350		635			6.166		629		- 47.380
	4.715		1.272			5.537		1.259		- 20.241
18	16.052	5.351		21.904		18.499	6.166		21.902	
		27.139					47.380			B.M. 9-1 (CLEARWATER K-2)
										CENTER ST. E. OF WOODRUFF AVE.
										SEE F.B. 1375-6 FOR DESC.

F.B. 2431 P.G. 100

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: HAZY SUN Inst. No. N-142552
Notes by: G. E. DREIER Time: 1145 TO 3:00 Rod No. 15 & 16

Name: L. A. CO. PRECISE LEVEL NET
Job No. 030102
From: B.M. 9-3 To: B.M. 6-6
Date: 7-7-58
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.844		517	21.904		5.485		502	21.902	
	6.327		518			4.983		502		
	5.809		1035			4.481		1004		
19	18.980	6.327		22.939		14.949	4.983		22.906	
	5.511		631			5.341		623		SUMMATION OF RUN
	4.880		631			4.718		625		
	4.249		1262			4.093		1248		DIFF IN ELEV
20	14.640	4.880		24.201		14.152	4.717		24.154	BM. 9-3 TO F.C. 75-46 + 19.854
	5.969		617			5.572		643		F.C. 75-46 TO BM. 9-1 - 29.204
	5.352		620			4.929		640		BM. 9-1 TO B.M. 6-6 + 0.330
	4.732		1237			4.289		1283		
21	16.053	5.351		25.438		14.790	4.930		25.437	
	5.649		620			6.028		636		
	5.029		621			5.392		633		+ 26.463
	4.408		1241			4.759		1269		- 26.133
22	15.086	5.029		26.679		16.179	5.393		26.706	+ 0.330
	5.506		631			6.735		624		B.M. 6-6
	4.875		628			6.111		626		WOODRUFF AVE. & CENTER ST.
	4.247		1259			5.485		1250		SEE F.B. 1207-11 FOR DESC.
23	14.628	4.876		27.938		18.331	6.110		27.956	
		26.463					26.133			

F.B. 2431 P.G. 110

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. NR142552
Notes by J. Moody Time 10:15 to 10:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-3 To BM 9-4
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6141		628		#15	5529		628		BM 9-3 ARTESIA A-2
	5513		625			4901		629		ALONDRA BL. & STUDEBAKER RD
	4888		1253			4272		1257		SEE F.B. 1375-8
1	16542	5.514		1253	70°	14702	4.901		1257	
	5012		635			5307		637		⊼ DREIER
	4375		636			4670		639		
	3739		1271			4031		1276		
2	13126	4.375		2524		14008	4.669		2533	
	5682		632			6144		634		
	5050		631			5510		637		
	4419		1263			4873		1271		
3	15151	5.050		3.787		16527	5.509		3.804	
	5838		634			6615		628		
	5204		633			5987		630		
	4571		1267			5357		1258		
4	15613	5.204		5.054		17959	5.986		5.062	
	5157		642			6273		632		
	4515		642			5641		631		
	3873		1284			5010		1263		
5	13545	4.515		6338		16924	5.641		6325	
		24.658					26.706			

F.B. 2431 P.G. 111

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 4/N 42852
Notes by J. MOORY Time 10:15 to 10:45 Rod No. 15 E 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-3 To BM 9-4
Date 7-7-58
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
	5482	24.658	642	6338		5852	26.702	624	6325	
	4840		641			5228		625		
	4199		1283			4603		1249		
6	14521	4840		7621		15683	5228		7674	
	5689		626			6037		624		
	5063		626			5413		621		
	4437		1252			4792		1245		
7	15189	5063		8877		16242	5414		8819	
	5727		625			5727		625		
	5102		624			5102		624		
	4478		1249			4478		1249		
8	15307	5102		10122		15307	5102		10038	
	6127		625			6040		627		
	5502		622			5413		624		
	4879		1247			4789		1251		
9	16508	5503		11360		16242	5414		10828	
	5911		623			5691		624		
	5288		625			5067		625		
	4663		1248			4442		1249		
10	15862	5287		12617		15200	5067		12568	
		50.473					52.911			

F.B. 2431 P.G. 112

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NK142552
Notes by J. MOORE Time 10:15 to 10:45 Rod No. 15 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 9-3 To BM 9-2
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5369	50.473	331	12617		5605	52.911	332	12568	BM 9-4
	5038		330			5273		331		STUDEBAKER RD & 136th ST.
	4708		661			4942		663		SEE F.B. 1375-9 → 2 ESC.
11	15115	6.038		13278		15820	5273		1323	
									13.278 26.509 =0.5011	
										SUMMATION OF BUK
										BM 9-3 to BM 9-2
										TOTAL BACKSIGHTS + 55.511
										TOTAL FORESIGHTS − 58.184
										DIFF IN ELEV. − 2.673
		55.511					58.184			

F.B. 2131 P.G. 113

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NH182552
Notes by J. MOODY Time 1:00 to 1:45 Rod No. 15616

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From B.M. 9-4 To B.M. 9-3
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5152		313		#15	4972		369		B.M. 9-4
	4839		312			4603		370		STUDEBAKER & 166TH. ST
	4527		625			4233		739		SEE F.B. 1375-9 FOR DESC.
1	14518	4839		625	85°	13808	4603		739	
	6658		623			5880		623		⊼ G. E. DREIER
	5035		624			5257		623		
	4411		1247			4634		1246		
2	15104	5035		1872		15171	5257		1985	
	5863		605			6910		643		
	5258		605			5367		644		
	4653		1210			4723		1287		
3	15774	5258		3082		16100	5367		3272	
	5720		621			5748		631		
	5099		620			5117		627		
	4479		1241			4490		1258		
4	15298	5099		2323		15355	5118		4530	
	6100		673			5697		576		
	5427		674			5071		574		
	4753		1347			4497		1150		
5	16280	5427		5670		15215	5072		5680	
		25658					25417			

F.B. 2431 P.G. 114

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIER Weather HAZE Inst. No. Nr142552
Notes by J.A. MOODY Time 1:00 TO 1:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 9-4 To B.M. 9-3
Date 7-7-58
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
	5905	25.658	631	5.670		5529	25.417	640	5.680	
	5274		628			4889		641		
	4646		1249			4248		1281		
6.	15.825	5.275		6.919		14.666	4.889		6.961	
	6164		634			5045		642		
	5530		633			4403		642		
	4897		1267			3761		1284		
7.	16.591	5.530		8.186		13.209	4.403		8.245	
	6329		631			5551		632		
	5698		631			4919		629		
	5067		1262			4290		1261		
8.	17.094	5.698		9.448		14.760	4.920		9.506	
	5862		649			5370		617		
	5213		650			4753		614		
	4563		1299			4139		1231		
9.	15.638	5.213		10.747		14.262	4.754		10.737	
	5933		634			5643		634		
	5299		634			5009		637		
	4665		1268			4372		1271		
10.	15.897	5.299		12.015		15.024	5.008		12.008	
		52.673					49.391			

F.B. 2431 P.G. 115

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. N-142552
Notes by J.A. MOORY Time 1:00 TO 1:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-4 To BM 9-3
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5512	52.673	631	12015		6119	[illegible]	625	12008	BM 9-3 (ARTESIA A-2)
	4881		631			5492		624		ALONDRA BLVD. & STUDEBAKER RD.
	4250		262			4868		249		SEE F.B. 1375-8 FOR DESC.
11.	4643	4881		13277		6177	5492		13287	
										SUMMATION OF RUN
										BM 9-4 TO BM 9-3
										TOTAL BACKSIGHT + 57.554
										TOTAL FORESIGHT − 54.883
										DIFF. IN ELEV. + 2.671
F.B. 2431 P.G. 116										
		57.554					54.883			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NY 142552
Notes by J. MOODY Time 10:05 to 11:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 9-4 To BM 9-6
Date 7-7-58 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
	5751		620		#15	5550		627		BM 9-4
	5131		621			4923		624		STUDEBAKER RD & 166th St.
	4510		1241			4299		1251		SEE F.B. 1375-9. FOR DESC.
1	15392	5.131		1241	74°	14772	4.924		1251	
	5097		625			6487		624		
	4872		622			5863		623		T DREIER
	4250		1247			5240		1247		
2	14619	4.873		2488		17590	5.863		2.498	
	4559		620			6602		624		
	3939		621			5978		626		
	3318		1241			5352		1250		
3	11816	3.939		3.729		17932	5.977		3.748	
	4604		622			6257		624		
	3982		624			5633		623		
	3358		1246			5010		1247		
4	11944	3.981		4.975		16900	5.633		4.995	
	5111		628			6013		621		
	4483		626			5392		619		
	3857		1254			4773		1240		
5	13451	4.484		6.229		16178	5.393		6.235	
		22.408					27.790			

F.B. 2431 P.G. 117

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather HAZE Inst. No. NW 142552
Notes by J. MOODY Time 10:45 11:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From BM 9-5 To BM 9-6
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5042	22.408	620	6229		5974	27.730	621	6235	
	4422		621			5353		620		
	3801		1241			4733		1241		
6	13265	4422		7470		16060	5353		7476	
	5057		626			5957		625		
	4431		622			5332		623		
	3808		1248			4709		1248		
7	13296	4432		8718		15998	5333		8718	
	5399		623			6081		626		
	4776		624			5455		624		
	4152		1247			4831		1250		
8	14327	4776		9965		16367	5456		9974	
	5160		622			5954		624		
	5138		621			5330		623		
	4517		1243			4707		1247		
9	15415	5138		11208		15991	5330		11221	
	5521		623			6037		625		
	4898		625			5412		622		
	4273		1248			4790		1247		
10	14692	4897		12456		16239	5413		12468	
		46073					54675			

F.B. 2431 P.G. 118

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIER Weather HAZE Inst. No. NR 142552
Notes by J. MOODY Time 10:45 to 11:20 Rod No. 15416

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 9-4 To BM 9-6
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5023	46.073	385	12.456		4446	54.675	407	12.468	
	4638		385			4039		405		
	4253		770			3634		812		
11	13914	4.638		13226		12119	4.040		13280	
	3963	50.711	182			5716	53.716	179		BM 9-6
	3781		184			5537		178		STUDEBAKER RD & ARTESIA BL.
	3597		366			5359		357		SEE C.B. 1375-10 FOR DESC.
12	11341	3.780		13592		16612	5.537		13.637	
									13.592	
									27.229	
									= 0.52 mi.	

NOTE: B.M. 9-5 PROBABLY DESTROYED. B.M. 9-6 HAS BUTTON SHEARED OFF. MOST BUTTONS MEASURE 0.03 FT. FROM BRASS CAP TO TOP OF BUTTON. USE HIGH POINT OF CAP FOR NEW ELEVATION

SUMMATION OF RUN
BM 9-4 to BM 9-6
total BACKSIGHTS + 54.491
total FORESIGHTS − 64.252
DIFF IN ELEV. − 9.761

54.491 64.252

F.B. 2431 P.G. 119

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. NY 142552
Notes by J. MOODY Time 11:25 to 12:00 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-6 To BM 9-6
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5689		182		#15	3930		180		BM 9-6
	5507		181			3750		179		STUDEBAKER RD & ARTESIA, BL.
	5326		363			3571		359		SEE F.B. 1375-10 for DESC.
1	16522	5.507		363	75°	11251	3.750		359	
	4349		406			4927		385		
	3943		405			4542		385		T DREIER
	3538		811			4157		770		
2	11.830	3.943		1124		13626	4.542		1129	
	5931		623			5417		626		
	5308		625			4791		624		
	4683		1248			4167		1250		
3	15.922	5.307		2372		14375	4.792		2379	
	5688		616			5512		632		
	5072		613			4880		630		
	4459		1229			4250		1262		
4	15219	5.073		3651		14642	4.881		3641	
	5946		625			5263		622		
	5321		623			4641		623		
	4698		1248			4018		1245		
5	15965	5.322		4899		13922	4.641		4886	
		25.152					22.606			

F.B. 2431 P.G. 120

76P526 S & E #379 1-54

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Chief of Party W. E. DREIER Weather HAZE SUN Inst. No. NK 142552
Notes by J. MOODY Time 11:25 to 12:00 Rod No. 15 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-6 To BM 9-4
Date 7-7-58
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
	6020	25152	624	4899		5119	22606	625	4886	
	5396		625			4494		625		
	4771		1249			3869		1250		
6	16.187	5.396		6.148		12.482	4.494		6.136	
	5802		620			4871		619		
	5182		623			4252		622		
	4559		1243			3629		1241		
7	15.543	5.181		7.391		12.752	4.251		7.377	
	5853		625			4921		622		
	5208		624			4299		621		
	4584		1249			3678		1243		
8	15.625	5.208		8.640		12.898	4.299		8.620	
	5146		625			4070		623		
	5121		628			3447		625		
	4493		1253			2822		1248		
9	15.360	5.120		9.893		10.399	3.466		9.868	
	6379		624			4538		625		
	5755		624			3913		623		
	5131		1248			3090		1248		
10	17.265	5.755		11.141		11.141	3.714		11.116	
		51.812					42.830			

F.B. 2431 P.G. 121

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Haze Inst. No. Nr 142552
Notes by J. Moody Time 11:25 to 12:00 Rod No. 15 #6

Name L. A. CO. PRECISE LEVEL NF
Job No. 030102
From BM 9-6 To BM 9-4
Date 7-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6353	51.912	622	11.121		5366	42.830	626	11.116	
	5731		622			4740		627		
	5109		1244			4113		1253		
11	17193	5.731		12385		14219	4.740		12369	
	5228		627			5430		623		BM 9-4
	4601		628			4807		626		Studebaker Co & 166th St.
	3973		1255			4181		1249		See F.B. 1375-9 for [illegible]
12	13802	4.601		13640		14418	4.806		13618	
										[illegible]
										BM 9-6 to 9-4
										total backsights +62.144
										total foresights -54.376
										Diff. [illegible] +9.768
		62.144					52.376			

F.B. 2431 P.G. 122

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 9-6 To B.M. 9-6 R.M. 1
Date 7-9-58
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
	6.681		310		#15	5.241		309		B.M. 9-6
	6.371		309			4.932		307		STUDEBAKER RD. & ARTESIA BLVD.
	6.062		619✓			4.625		616✓		SEE F.B. 1375-10 FOR DESC.
1	19.114	6.371✓			85°	14.798	4.933✓			
		-4.933								
		+1.438✓								R.M. #1 STUDEBAKER RD & ARTESIA BLVD, 41' N. & 19' E. OF ST. ℄ BT. SPK IN CTR. CONC. S.D. H-WALL
										SEE F.B. 1375-87
										SUMMATION OF RUN B.M. 9-6 TO R.M. 1
	5.217		308			6.657		310		DIFF IN ELEV. +1.438✓
	4.909		308			6.307		310		
	4.601		616✓			6.037		620✓		
1	14.727	4.909✓				19.041	6.347✓			
							+4.909			BM. 9-6
							-1.438✓			

F.B. 2431 P.G. 123

76P526 S & E #379 1-54

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

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

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

F.B. 2431 P.G. 124

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No NK142552
Notes by G. E. DREIER Time 10:25 TO 11:10 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No 030102
From B.M. 9-6 To B.M. 9-7
Date 7-8-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.560		580			6.092		625		B.M. 9-6
	5.980		580			5.467		625		STUDEBAKER RD. & ARTESIA BLVD.
	5.400		1160			4.842		1.250		SEE F.B. 1375-10 FOR DESC.
1	17.940	5.980		1.160		16.401	5.467		1.250	
	6.361		624			5.170		623		
	5.737		628			4.547		625		↑ J. MOODY
	5.109		1.252			3.922		1.248		
2	17.207	5.736		2.412		13.639	4.546		2.498	
	7.009		640			2.698		627		
	6.369		639			2.071		623		
	5.730		1.279			1.448		1.250		
3	19.108	6.369		3.691		6.217	2.072		3.748	
	1.237		330			7.673		327		
	0.907		330			7.346		328		
	0.577		660			7.018		655		
4	2.721	0.907		4.351		22.037	7.346		4.403	
	5.197		625			6.049		624		
	4.572		622			5.425		627		
	3.950		1.247			4.798		1251		
5	13.719	4.573		5.598✓		16.272	5.424		5.654✓	
		23.565✓					24.855✓			

F.B. 2431 P.G. 125

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: HAZY SUN Inst. No: NK142552
Notes by: G. E. DREIER Time: 10:35 TO 11:10 Rod No: 15 & 16

Name: L. A. CO. PRECISE LEVEL NE.
Job No: 0301.02
From: B.m. 9-6 To: B.m. 9-7
Date: 7-8-58
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.342	23.565	640	5.598		6.118	24.855	608	5.654	
	4.702		640			5.506		610		
	4.062		1280			4.896		1.218		
6	14.106	4.702		6.878		16.520	5.507		6.872	
	5.469		626			5.928		626		
	4.843		626			5.302		623		
	4.217		1.252			4.679		1.249		
7	14.529	4.843		8.130		15.909	5.303		8.121	
	5.437		626			5.838		626		
	4.811		624			5.212		623		
	4.187		1.250			4.589		1.249		
8	14.435	4.812		9.380		15.639	5.213		9.370	
	5.308		626			5.938		625		
	4.682		623			5.313		623		
	4.059		1.249			4.690		1.248		
9	14.049	4.683		10.629		15.941	5.314		10.618	
	5.399	42.605	628			5.649	46.192	626		
	4.771		624			5.023		623		
	4.147		1.252			4.400		1.249		
10	14.317	4.772		11.881		15.072	5.024		11.867	
		47.377					51.216			

F.B. 2431 P.G. 136

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No Nr 142552
Notes by G. E. DREIER Time 10:35 TO 11:10 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0 301.02
From B.M. 9-6 To B.M. 9-7
Date 7-8-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5,587	47.377	579	11.881		6,106	51.216	581	11.867	
	5,008		579			5,525		583		B.M. 9-7
	4.429		1.158			4.942		1.164		STUDEBAKER RD. & 183rd ST
11	15.024	5.008		13.039		16.573	5.524		13.031	SEE F.B. 1375-11 FOR DESC.
									13.039	
									26.070	
									=0.49mi	
										SUMMATION OF RUN
										B.M. 9-6 TO B.M. 9-7
										TOTAL BACKSIGHTS +52.385
										TOTAL FORESIGHTS - 56.740
										DIFF IN ELEVATION - 4.355
		52.385					56.740			

F.B. 2431 P.G. 127

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. Nr. 142552
Notes by G. E. DREIER Time 1:40 TO 2:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NF
Job No. 030102
From B.M. 9-7 To B.M. 9-6
Date 7-8-58
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
	5928		591		#15	5391		573		B.M. 9-7
	5.337		595			4.818		573		STUDEBAKER RD. & 183rd ST.
	4.742		1.186			4.245		1.146		SEE F.B. 1375-11 FOR DESC.
1	16.007	5.336		1.186	85	14.454	4.818		1.146	
	5.565		628			5.305		620		
	4.937		628			4.685		622		JT J. MOODY
	4.309		1.256			4.063		1242		
2	14.811	4.937		2.442		14.053	4.684		2.388	
	5.739		628			5.098		620		
	5.111		629			4.478		620		
	4.482		1.257			3.858		1240		
3	15.332	5.111		3.699		13.434	4.478		3.628	
	5.739		627			5.329		620		
	5.112		627			4.709		620		
	4.485		1254			4.089		1240		
4	15.336	5.112		4.953		14.127	4.709		4.868	
	5.761	20.496	629			5.290	18.689	619		
	5.132		631			4.671		619		
	4.501		1.260			4.052		1.238		
5	15.394	5.131		6.213✓		14.013	4.671		6.106✓	
		25.627✓					23.360✓			

F.B. 2431 P.G. 128

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No Nr. 142552
Notes by G.E. DREIER Time 1:40 TO 2:15 Rod No 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 9-7 To B.M. 9-6
Date 7-8-58
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
	6.155	25.627	.626	6.213		5.349	23.360	.622	6.106	
	5.529		.628			4.727		.625		
	4.901		1.254			4.102		1.247		
6	16.585	5.528		7.467		14.178	4.726		7.353	
	5.912		.625			5.055		.623		
	5.287		.629			4.432		.620		
	4.658		1.254			3.812		1.243		
7	15.857	5.286		8.721		13.299	4.433		8.596	
	7.379		.328			0.942		.329		
	7.051		.330			0.613		.330		
	6.721		.658			0.283		.659		
8	21.151	7.050		9.379		1.838	0.613		9.255	
	2.957		.602			7.315		.663		
	2.355		.600			6.652		.661		
	1.755		1.202			5.991		1.324		
9	7.067	2.356		10.581		19.958	6.653		10.579	
	5.093		.626			6.279		.622		
	4.467		.628			5.657		.622		
	3.839		1.254			5.035		1.244		
10	13.399	4.466		11.835		16.971	5.657		11.823	
		50.313					45.442			

F.B. 2131 P.G. 129

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No NK142552
Notes by G. E. DREIER Time 1:40 TO 2:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-7 To B.M. 9-6
Date 7-8-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.117	50.313	605	11.835		6.618	45.442	593	11.823	
	5.512		602			6.025		592		B.M. 9-6
	4.910		1.207			5.433		1.185		STUDEBAKER RD. & ARTESIA BLVD.
11	16.539	5.513		13.042		18.076	6.025		12.008	SEE F.B. 1375-10 FOR DESC
										SUMMATION OF RUN
										B.M. 9-7 TO B.M. 9-6
										TOTAL BACKSIGHTS +55.826
										TOTAL FORESIGHTS -51.467
										DIFF IN ELEVATION +4.359
		55.826					51.467			

F.B. 2431 P.G. 150

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. NY142552
Notes by J. MOODY Time 11:15 to 12:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 9-7 To BM 9-8
Date 7-8-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5882		252			5255		268		BM 9-7
	5630		253			4987		268		STUDEBAKER RD & 13RD ST.
	5377		505			4719		536		SEE L.B. 1375-11 FOR DESC.
1	16.889	5.630		.505		14961	4.987		.536	
	5181		620			5953		623		
	4561		621			5330		622		T DREIER
	3940		1241			4708		1245		
2	13682	4.561		1.746		15991	5.330		1.781	
	5218		622			5884		624		
	4596		624			5260		625		
	3972		1246			4635		1249		
3	13786	4.595		2.992		15779	5.260		3.030	
	5652		622			5728		626		
	5030		624			5102		623		
	4406		1246			4479		1249		
4	15.088	5.029		4.238		15309	5.103		4.279	
	5563		623			5679		619		
	4940		623			5060		622		
	4317		1246			4438		1241		
5	14.820	4.940		5.484		15177	5.059		5.520	
		24.755					25.739			

F.B. 2431 P.G. 121

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN WHZE Inst. No. Nr 142552
Notes by J. MOODY Time 11:15 to 12:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-7 To BM 9-8
Date 7-8-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4592	24755	625	5484		5011	25739	624	5520	
	3967		627			4387		624		
	3340		1252			3763		1248		
6	11899	3966		6736		13161	4387		6768	
	5738		625			6489		624		
	5113		623			5865		624		
	4490		1248			6241		1248		
7	15341	5114		7984		17595	5865		8016	
	5980		623			5726		622		
	5357		626			5102		621		
	4731		1249			4481		1243		
8	16068	5356		9233		15307	5102		9259	
	5053		623			5808		625		
	4430		623			5183		623		
	3807		1246			4560		1248		
9	13790	4430		10479		15551	5184		10507	
	5820		625			6208		623		
	5195		626			5585		625		
	4569		1251			4960		1248		
10	15584	5195		11730		16753	5584		11755	
		48816					51861			

F.B. 2431 P.G. 132

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. NY 102552
Notes by J. MOODY Time 11:15 to 12:00 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 9-7 To BM 9-8
Date 7-8-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4910	48816	627	11.730		5757	51861	629	11.755	
	4283		626			5128		628		
	3657		1253			4500		1257		
11	12850	4.283		12983		15385	5.128		13012	
	3861		480			5720		443		BM. 9-8
	3381		480			5277		444		STUDEBAKER RD / SOUTH ST
	2901		960			4833		887		SEE F.B. 1375-12 [illegible]
12	10.143	3.381		13943		15.830	5.277		13899	
									13.943	
									27.842	
									=0.53 mi.	
										SUMMATION OF RUN
										BM 9-7 to BM 9-8
										TOTAL BACKSIGHTS + 56.480
										TOTAL FORESIGHTS - 62.266
										DIFF IN ELEV. - 5.786
		56480					62.266			

F.B. 2431 P.G. 133

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather [illegible] Inst. No. [illegible]
Notes by J. Moody Time 1:00 to 1:40 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NF
Job No. 030142
From BM 9-8 To BM 9-7
Date 7-9-58
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
	5172		444		#16	3911		479		BM 9-8
	5328		445			3432		479		[illegible]
	4883		889			2953		958		[illegible]
1	15983	5328		889	88	10296	3432		958	
	5761		628			4915		624		
	5133		625			4291		628		[illegible]
	4508		1253			3663		1252		
2	15402	5134		2147		12869	4290		2210	
	6032		641			5610		609		
	5391		641			5001		610		
	4750		1282			4391		1219		
3	16173	5391		3424		15002	5001		3429	
	5901		627			4948		626		
	5074		625			4322		623		
	4249		1252			3699		1249		
4	15224	5075		4676		12969	4323		4678	
	5137		624			5388		624		
	4513		622			4764		624		
	3891		1246			4140		1248		
5	13541	4514		5922		14292	4764		5926	
		25442					21810			

F.B. 243 / P.G. 134

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. NF142552
Notes by J. MOODY Time 1:00 to 1:40 Rod No. 15 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 9-8 To BM 9-7
Date 7-8-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6563	25.442	625	5.922		5811	21.810	623	5.926	
	5938		626			5188		624		
	5312		1251			4564		1247		
6	17.813	5.938		7.173		15.563	5.188		7.173	
	4969		624			4547		625		
	4345		626			3922		624		
	3719		1250			3298		1249		
7	13.033	4.344		8.423		11.767	3.922		8.422	
	5212		624			5097		626		
	4588		625			4471		623		
	3963		1249			3848		1249		
8	13.763	4.588		9.672		13.416	4.472		9.671	
	5263		625			5190		627		
	4638		623			4563		624		
	4015		1248			3939		1251		
9	13.916	4.639		10.920		13.692	4.564		10.922	
	5494		623			4832		624		
	4871		624			4208		626		
	4247		1247			3582		1250		
10	14.612	4.871		12.167		12.622	4.207		12.172	
		49.822					44.163			

F.B. 2431 P.G. 135

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather [illegible] Inst. No. [illegible]
Notes by J. Moody Time 1:00 to 1:20 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 9-8 To BM 9-1
Date 7-2-81
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5401	49.822	626	12167		4625	44.163	619	12172	
	4775		625			4006		619		
	4150		1251			3387		1238		
11	14326	4.775		13418		12518	4.066		13410	
	4918		270			5552		262		BM 9-1
	4648		270			5290		261		Stamped [illegible]
	4378		540			5029		523		See [illegible] 11 for desc.
12	13944	4.648		13958		15871	5.290		13933	
										[illegible] of [illegible]
										BM 9-8 to BM 9-1
										[illegible] +59.245
										total [illegible] -53.459
										[illegible] +5.786
		59.245					53.459			

F.B. 2431 P.G. 136

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. Nr. 142552
Notes by G. E. DREIER Time 11:40 TO 12:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 9-8 To B.M. 9-9
Date 7-9-58
Indexed A. S. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.772		623			5.218		625		BM. 9-8
	7.149		627			4.593		624		SOUTH ST. & STUDEBAKER RD
	6.522		1.250			3.969		1.249		SEE F.B. 1375-12 FOR DESC.
1	21.443	7.148		1.250		13.780	4.593		1.249	
	9.450		625			2.711		621		
	8.825		625			2.090		622		⊼ J. MOODY
	8.200		1.250			1.468		1.243		
2	26.475	8.825		2.500		6.269	2.090		2.492	
	9.909		540			2.829		532		+25.342✓
	9.369		541			2.297		535		-5.9[illegible]✓
	8.828		1.081			1.762		1.067		+16.363✓
4	28.106	9.369		3.581		6.888	2.296		3.559✓	
		25.342✓					8.979✓			F.C. B.M. 74-54
										SOUTH ST. & SAN GABRIEL RIVER
										S.E. COR., FLOOD CONTROL
										BRASS DISC IN E. ABUTMENT
	8.887		678			4.449		683		OF BRIDGE ON CURB LINE
	8.159		677			3.766		686		
	7.482		1.355			3.080		1.369		
5	24.478	8.159✓		4.936✓		11.295	3.765✓		4.928✓	

F.B. 2431 P.G. 137

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No Nr 142552
Notes by G E DREIER Time 11:40 TO 12:15 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-8 To B.M. 9-9
Date 7-9-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.023	8.159	619	4.936		7.260	3.765	627	4.928	
	5.404		622			6.633		630		
	4.782		1.241			6.003		1.257		
5	16.209	5.403		6.177		19.896	6.632		6.185	
	5.267		624			9.155		627		
	4.643		621			8.528		629		
	4.022		1245			7.899		1.256		
6	13.932	4.644		7.422		25.582	8.527		7.441	
	3.220		622			10.350		625		
	2.598		623			9.725		627		
	1.975		1.245			9.098		1.252		
7	7.793	2.598		8.667		29.173	9.724		8.693	
	3.330		622			9.211		622		
	2.708		626			8.589		623		
	2.082		1.248			7.966		1.245		
8	8.120	2.707		9.915		25.766	8.589		9.938	
	4.965		626			6.041		616		
	4.339		628			5.425		616		
	3.711		1.254			4.809		1.232		
9	13.015	4.338		11.169		16.275	5.425		11.170	
		27.849					42.662			

F.B. 2431 PG. 138

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No Nr. 142552
Notes by G. E. DREIER Time 11:40 TO 12:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-8 To B.M. 9-9
Date 7-9-58
Indexed C. Johnson

Number of Station	Backsight Thread Readings	Backsight Mean	Backsight Thread Intervals	Backsight Sum of Intervals	B. S. Rod and Temp.	Foresight Thread Readings	Foresight Mean	Foresight Thread Intervals	Foresight Sum of Intervals	Description and Remarks
	6.025	27.849 ✓	623	11.169 ✓		6427	42.662 ✓	626	11.170 ✓	
	5.402		621			5.801		626		
	4.781		1,244			5175		1.252		+ 38.465 ✓
10	16.208	5.403		12.413		17.403	5.801		12.422	- 54.736 ✓
	5551		344			6.617		345		- 16.271 ✓
	5.213		343			6.272		343		B.M. 9-9
	4870		687			5.929		688		SOUTH ST. & PALO VERDE AVE
11	15.640	5.213		13100 ✓		18.818	6.273		13.110 ✓	SEE F.B. 1375-13 FOR DESC.
		38.465 ✓					54.736 ✓		13.100 ✓	
									26.210 ✓	
									= 0.50 mi. ✓	

SUMMATION OF RUN

DIFF IN ELEVATION	B.M. 9-8 TO F.C. 74-54	+ 16.363 ✓
" " "	F.C. 74-54 TO B.M. 9-9	- 16.271 ✓
" " "	B.M. 9-8 TO B.M. 9-9	+ 0.092 ✓

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No Nr. 142552
Notes by G. E. DREIER Time 11:05 TO 11:40 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 9-9 To BM. 9-8
Date 7-9-58
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
	6.685		345		#15	5.627		344		BM. 9-9
	6.340		345			5.283		342		SOUTH ST. & STUDEBAKER RD
	5.995		690			4.941		686		SEE F.B. 1375-13 FOR DESC.
1	19.020	6.340		690	85°	15.851	5.284		.686	
	6.401		624			6.002		624		
	5.777		625			5.378		623		
	5.152		1249			4.755		1247		
2	17.330	5.777		1.939		16.135	5.378		1.933	
	6.038		620			4.958		626		
	5.418		618			4.332		623		
	4.800		1.238			3.709		1249		
3	16.256	5.419		3.177		12.999	4.333		3.182	
	9.123		622			3.243		625		
	8.501		621			2.618		624		
	7.880		1.243			1.994		1.249		
4	25.504	8.501		4.420		7.855	2.618		4.431	
	10.341		626			3.213		622		
	9.715		626			2.591		623		
	9.089		1.252			1.969		1245		
5	29.145	9.715		5.672		7.773	2.591		5.676	
		35.752					20.204			

F.B. 2431 P.G. 140

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No Nr. 142552
Notes by G. E. DREIER Time 11:05 TO 11:40 Rod No 15 & 16

Name L.A. CO. PRECISE LEVEL NE
Job No. 030102
From B.M. 9-9 To B.M. 9-8
Date 7-9-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.130	35.752	627	5.672		5.242	20.204	623	5.676	
	8.503		626			4.619		622		
	7.877		1253			3.997		1.245		
6	25.510	8.503		6.925		13.858	4.619		6.921	
	7.319		628			6.082		619		
	6.691		630			5.463		621		
	6.061		1.258			4.842		1.240		
7	20.071	6.690		8.183		16.387	5.462		8.161	
	4.458		683			8.845		680		+ 54.720
	3.775		683			8.165		680		- 38.450
	3.092		1.366			7.485		1.360		+ 16.270
8	11.325	3.775		9.549		24.495	8.165		9.521	
		54.720					38.450			F.C. B.M. 74-54
										SOUTH ST. & SAN GABRIEL RIVER
										S.E. COR., FLOOD CONTROL BRIDGE
										DISC IN E. ABUTMENT O.S.
	2.842		533			9.922		541		BRIDGE ON S. CURB LINE
	2.309		534			9.381		540		
	1.775		1.067			8.841		1.081		
9	6.926	2.309		10.616		28.144	9.381		10.602	

B. 2431 P.G. 141

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. Nr. 142552
Notes by G. E. DREIER Time 11:05 TO 11:40 Rod No. 15 E16

Name L. A. CO. PRECISE LEVEL NET
Job No. 6301.02
From B.M. 9-9 To B.M. 9-8
Date 7-8-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.777	2.309	625	10.616		9.513	9.281	624	10.602	+ 9.043
	2.152		623			8.889		624		- 25.408
	1.529		1248			8.265		1,248		- 16.365
10	6.458	2.153		11.864		26.667	8.889		11.850	
	5.205		624			7.763		624		
	4.581		623			7.139		626		B.M. 9-8
	3.958		1247			6.513		1250		STUDEBAKER RD. & SOUTH ST
11	13.744	4.581		13.111		21.415	7.138		13.100	SEE F.B. 1375-12 FOR DESC.
		9.043					25.408			

SUMMATION OF RUN

DIFF IN ELEVATION, B.M. 9-9 TO F.C. 74-54 + 16.270
" " " F.C. 74-54 TO B.M. 9-8 - 16.365
" " " B.M. 9-9 TO B.M. 9-8 + 0.095

F.B. 2431 P.G. 142

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No Nr. 142552
Notes by J. A. MOODY Time 1:20 TO 2:15 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-9 To B.M. 9-10
Date 7-9-58
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
	6721		630		#15	6312		633		B.M. 9-9
	6091		629			5679		631		SOUTH ST. & PALO VERDE AVE.
	5462		1259			5048		1264		SEE F.B. 1375-13 FOR DESC.
1	18274	6.091		1259	90°	17039	5.680		1264	
	5962		622			6406		628		
	5340		619			5778		627		T G.E. DREIER
	4721		1241			5150		1255		
2	16023	5.341		2500		17334	5.778		2519	
	5280		622			6198		625		
	5158		621			5573		623		
	4537		1243			4950		1248		
3	15475	5.158		3743		16721	5.574		3767	
	5922		621			6345		626		
	5308		621			5719		622		
	4687		1242			5093		1248		
4	15924	5.308		4985		17161	5.720		5015	
	5891		628			6279		619		
	5263		627			5660		622		
	4636		1255			5038		1241		
5	15790	5.263		6240 ✓		16977	5.659		6256 ✓	
		27161 ✓					28411 ✓			

F.B. 2431 P.G. 103

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No Nr. 142552
Notes by J. MOODY Time 1:20 to 2:15 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 9-9 To B.M. 9-10
Date 7-9-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5813	27.161	625	6.240		6270	28.411	621	6.256	
	5188		624			5649		621		
	4564		1.249			5028		1.242		
6	15.565	5.188		7.489		16.947	5.649		7.098	
	5851		624			5950		619		
	5227		628			5331		618		
	4599		1.252			4713		1.237		
7	15.677	5.226		8.741		15.994	5.331		8.735	
	5183		385			4068		375		+42.373
	4798		386			3693		374		-43.084
	4412		771			3319		749		-0.711
8	14.393	4.798		9.512		11.080	3.693		9.484	
		42.373					43.084			BM LC 231
										PALO VERDE AVE CANDLE WOOD AVE
										N.E. SIDE of EDISON TOWER
	4821		274			6206		244		
	4547		276			5962		245		
	4271		550			5717		489		
9	13.639	4.546		10.062		17.885	5.962		9.973	

F.B. 2431 P.G. 144

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No NK 142552
Notes by G. E. DREIER Time 1:20 to Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-9 To B.M. 9-10
Date 7-9-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6830	4.515	629	10.062		6590	5.962	623	9.973	
	6201		628			5976		625		
	5573		1257			5351		1248		
10	18.604	6.201		11.319		17926	5.975		11.221	
	5878		627			6311		621		
	5251		625			5690		619		
	4626		1252			5071		1240		
11	15.755	5.252		12.571		17072	5.691		12.461	
	6048		626			6378		625		
	5422		623			5753		620		
	4799		1249			5129		1245		
12	16.269	5.423		13.820		17260	5.755		[illegible]	
	5897		610			6320		637		
	5287		611			5683		636		
	4676		1221			5047		1273		
13	15.860	5.287		15.041		17050	5.683		12.983	
	5567		618			6186		631		
	5049		618			5555		629		
	4431		1236			4926		1260		
14	15.047	5.049		16.277		16667	5.556		16.243	
		31.858					34.620			
		7								

F.B. 2431 P.G. 145

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. NY142552
Notes by J. MOODY Time 1:30 to 2:15 Rod No. 15476

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-9 To BM 9-10
Date 7-9-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6038	31.~~8~~58 7	622	16277		6324	34.520	627	16.243	
	5416		624			5697		627		
	4792		1246			5073		1254		
15	16.246	5.415		17523		17.091	5.697		17497	
	6238		626			6717		627		
	5612		625			6092		629		
	4987		1251			5463		1256		
16	16837	5.612		18774		18.274	6.091		18.753	
	6142		615			6637		619		+53.571 4
	5527		616			6018		619		-58.936
	4911		1231			5400		1237		~~-5.415~~
17	16.580	5.527		20005		18.055	6.018		19990	-5.465
	5518		359			6874		365		BM 9-10
	5159		360			6509		362		PALO VERDE AVE & DEL AMO BL.
	4799		719			6147		727		SEE L.B. 1375-14 for DESC
18	15476	5.159		20724		19530	6.510		20717	20724 / 41.441 = 0.78 mi.
										SUMMATION OF RUN
										DIFF IN ELEVATION BM 9-9 to L.C. 231 -0.711
										" " " L.C. 231 to BM 9-10 -5.465
										" " " BM 9-9 to BM 9-10 ~~-6.176~~
		53.571 4					~~59.036~~ 58.936			-6.176

F.B. 2431 P.G. 146

76P526 S & E #379 1-54

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Chief of Party G. E. DRIEIER Weather SUN HAZE Inst. No. NK 162552
Notes by J. MOORE Time 2:15 to 3:00 Rod No. 1586

Name L.A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 9-10 To B.M. 9-9
Date 7-9-58
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
	6813		366		415	5858		358		BM 9-10
	6451		364			5500		358		PALOS VERDES AVE & DEL AMO BL
	6087		730			5142		716		SEE L.S. 1375-14 FOR DESC.
1	19355	6.452		730	90°	15300	5.100		716	
	6690		619			6194		614		
	6071		619			5580		614		TO DRIEIER.
	5452		1238			4966		1228		
2	18213	6.071		1368		16740	5.580		1944	
	6662		628			6181		627		
	6034		627			5554		625		
	5407		1255			4929		1252		
3	18103	6.034		3223		16664	5.555		3196	
	6363		625			6083		625		
	5738		627			5458		626		
	5111		1252			4832		1251		
4	17212	5.737		4475		16373	5.458		4447	
	6189		631			5668		619		
	5558		627			5049		619		
	4926		~~1254~~			4430		1238		
5	16663	5.554	1258	~~5736~~		15147	5.049		5685	
		29.848		5.733			26.742			

F.B. 2531 P.G. 147

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. NT 142552
Notes by J. MOODY Time 2:15 to 3:00 Rod No. 15816

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-10 To BM 9-9
Date 7-9-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5827	29.848	613	~~5736~~ 5.733		5453	26.742	631	5.685	
	5214		611			4821		634		
	4603		1224			4187		1265		
6	15.644	5.215		6.960		14461	4.820		6.950	
	6398		621			6071		622		
	5777		622			5449		626		
	5155		1243			4823		1248		
7	17330	5.777		8.203		16343	5.448		8.198	
	6376		621			5940		622		
	5755		620			5318		626		
	5135		1241			4692		1248		
8	17266	5.755		9.004		15950	5.317		9.046	
	6533		619			6778		636		+ 58.428
	5914		618			6142		633		− 52.973
	5296		1237			5509		1269		+ 5.455
9	17743	5.914		10.681		18429	6.143		10.715	
	6175		256			4767		264		BM LC 231
	5919		255			4503		264		PALO VERDE AVE & CANDLEWOOD ST.
	5664		511			4239		528		N.E. SIDE of EDISON TOWER
10	17758	5.919		~~11.192~~		13509	4.503		11.243	
		58.428		11.189			52.973			

F.B. 2431 P.G. 148

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. NT 142552
Notes by J. MOODY Time 2:15 to 3:00 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-10 To BM 9-9
Date 7-9-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4188		380	~~11.192~~ 11.189		5292		381	11.243	
	3808		381			4911		382		
	3427		761			4529		763		
11	11.423	3.808		11.953		14.732	4.911		12.006	
	5347		618			5250		627		
	4729		618			4623		626		
	4111		1236			3997		1253		
12	14187	4.729		13189		13.870	4.623		13.259	
	6333		622			5878		627		
	5711		621			5251		624		
	5090		1243			4627		1251		
13	17134	5.711		14432		15.756	5.252		12.510	
	6318		636			5901		614		
	5682		633			5287		614		
	5049		1269			4673		1228		
14	17.049	5.683		15.701		15.861	5.287		15.738	
	6318		624			5904		622		
	5694		624			5282		624		
	5070		1248			4658		1246		
15	17082	5.694		~~16.949~~		15.844	5.281		16.984	
		25.625		16.946			25.354			

F.B. 2431 P.G. 149

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DRIER Weather SUN HEAT Inst. No. [illegible]
Notes by [illegible] Time 2:45 to 3:00 Rod No. [illegible]

Name L.A. CO. PRECISE LEVEL NE
Job No. 030102
From BM 9-10 To BM 9-9
Date 7-9-58
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
	6207	25.625	620	~~16949~~		[illegible]	25.354	[illegible]	[illegible]	
	5587		619	16.946		[illegible]		632		
	3968		1239			[illegible]		[illegible]		
16	5762	5.587		18.188		[illegible]	[illegible]		[illegible]	
	6408		641			[illegible]		606		+42.643
	5767		639			[illegible]		608		-41.929
	5128		1280			[illegible]		[illegible]		+0.714
17	12303	5.768		19.458		[illegible]	[illegible]		19.458	
	6292		629			6292		629		BM 9-9 SOUTH ST.
	5663		628			[illegible]		626		PALO VERDE AVE & [illegible]
	5035		1257			[illegible]		1255		SEE F.B. 1375-13 FOR DESC.
18	16990	5.663		~~20.725~~	92°	18222	[illegible]		[illegible]	
		42.643		20.722			41.929			

F.B. 2431 P.G. 150

SUMMATION OF RUN

DIFF IN ELEVATION B.M. 9-10 TO L.C. 231 +5.455
" " " L.C. 231 TO B.M. 9-9 +0.714
" " " B.M. 9-10 TO B.M. 9-9 +6.169

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DRGIER Weather HAZE Inst. No Nr 142552
Notes by T. OHASHI Time 1030 To 1100 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From B.M. 9-10 To B.M. 9-11
Date 7-10-58
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
	6116		620		#15	6078		625		B.M. 9-10
	5496		621			5450		623		PALO VERDES AVE & DEL AMO BLVD.
	4875		1241			4827		1248		SEE F.B. 1375-14 FOR DESC.
1.	16487	5.496		1241	86°	16352	5.451		1248	
	5218		628			6260		623		⊼ J.A. MOODY
	4590		628			5637		626		
	3962		1256			5011		1249		
2.	13770	4.590		2497		16908	5.636		2497	
	5238		627			6215		625		
	4611		627			5590		621		
	3984		1254			4969		1246		
3	13833	4.611		3751		16774	5.591		3743	
	5445		633			6279		634		
	4812		631			5645		636		
	4181		1264			5009		1270		
4	14438	4.813		5015		16933	5.644		5013	
	5309		622			6100		630		
	4687		628			5470		629		
	4062		1247			4841		1259		
5	14058	4.686		6262		16411	5.470		6272	
		24.196					27.792			

F.B. 2431 P.G. 151

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DRGIER Weather HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 10:30 TO 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 9-10 To B.M. 9-11
Date 7-10-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5680	24196	622	6262		6680	27194	626	6272	
	5058		623			6054		625		
	4435		1245			5429		1251		
6	15173	5058		7507		18163	6054		7523	
	6025		624			6441		626		
	5401		625			5815		626		
	4776		1249			5189		1252		
7.	16202	5401		8756		17445	5815		8775	
	5694		624			6336		623		
	5070		622			5713		629		
	4448		1246			5089		1247		
8.	15212	5071		10002		17138	5713		10022	
	5995		626			6243		625		
	5369		627			5618		626		
	4742		1253			4992		1251		
9.	16106	5369		11255		16853	5618		11273	
	5729		623			5831		619		
	5106		623			5212		620		
	4483		1246			4592		1239		
10	15318	5106		12501		15635	5212		12512	
		50201					56204			

F.B. 2431 P.G. 152

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DRAFER Weather HAZE Inst. No. N-142552
Notes by T. OHASHI Time 10:30 To 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 9-10 To B.M. 9-11
Date 7-10-58
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
	5330	50.201	228	12.501		6779	56.204	222	12.512	B.M. 9-11
	5102		228			6557		222		PALO VERDES AVE & CENTRALIA ST
	4874		456			6335		444		SEE F.B. 1375-15 FOR DESC.
11.	15.306	5.102		12.957		19.671	6.557		12.956	
									12.957	
									25.913	
									= 0.49 m	
										SUMMATION OF RUN
										B.M. 9-10 TO B.M. 9-11
										TOTAL BACKSIGHT + 55.303
										TOTAL FORESIGHT - 62.76
										DIFF IN ELEV. - 7.458
		55.303					62.761			

F.B. 2031 P.G. 153

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN-HAZE Inst. No. N-142552 Name L. A. CO. PRECISE LEVEL NET
Notes by T. OHASHI Time 2:00 TO 2:30 Rod No. 15 & 16 Job No. 0301.02
From B.M. 9-11 To B.M. 9-10
Date 7-10-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6725		220			5283		230		B.M. 9-11
	6505		220		#15	5053		230		PALO VERDES AVE. & CENTRALIA
	6285		440			4823		460		SEE F.B. 1375-15 FOR DESC.
1.	19515	6.505		440	90°	15.159	5.053		460	
	5678		618			5569		621		J.A. MOODY
	5060		620			4948		621		
	4440		1238			4327		1242		
2.	15178	5.059		1678		14.844	4.948		1702	
	6328		630			6078		626		
	5698		630			5452		625		
	5068		1260			4827		1251		
3	17.094	5.698		2938		16.357	5.452		2953	
	6607		626			5962		625		
	5981		624			5337		628		
	5357		1250			4709		1253		
4.	17.945	5.982		4188		16.008	5.336		4206	
	6421		624			6017		629		
	5797		625			5388		628		
	5172		1249			4760		1257		
5	17390	5.797		5437		16.165	5.388		5463	
		29.041					26.177			

F.B. 2431 P.G. 154

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather SUN - HAZE Inst. No. N-142552
Notes by T. OHASHI Time 2:00 TO 2:30 Rod No. 15 516

Name L. A. CO. PRECISE LEVEL N
Job No. 0301.02
From B.M. 9-11 To B.M. 9-10
Date 7-10-58
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
	6681	29.041	640	5.837		5649	26.177	611	5.463	
	6041		640			5038		611		
	5401		1280			4427		1222		
6	18123	6.041		6.717		15114	5.038		6.685	
	6327		632			5545		628		
	5695		632			4917		631		
	5063		1264			4286		1259		
7	17.085	5.695		7.981		14.748	4.916		7.944	
	6276		626			5443		628		
	5650		625			4815		629		
	5025		1251			4186		1257		
8	16.951	5.650		9.232		14.444	4.815		9.201	
	6371		624			5398		627		
	5747		627			4771		625		
	5120		1251			4146		1252		
9	17.238	5.746		10.483		14.315	4.772		10.453	
	6448		640			5379		621		
	5808		639			4758		621		
	5169		1279			4137		1242		
10	17.425	5.808		11.762		14.274	4.758		11.695	
		57.981					50.476			

F.B. 2431 P.G. 155

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN-HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 2:00 TO 2:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-11 To B.M. 9-10
Date 7-10-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6459	57.981	608	11.762		6542	50.476	642	11.695	B.M. 9-10
	5851		604			5900		640		PALO VERDES AVE & DEL AMO BLVD.
	5247		1212			5260		1282		SEE F.B. 1375-14 FOR DESC.
11.	17.557	5.852		12.974		17.702	5.901		12.977	
										SUMMATION OF RUN
										B.M. 9-11 TO B.M. 9-10
										TOTAL BACKSIGHT + 63.833
										TOTAL FORESIGHT − 56.377
										DIFF IN ELEV + 7.456
		63.833					56.377			

F.B. 2431 P.G. 156

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DRSIER Weather SUN HAZE Inst. No. Nr 1455
Notes by J. MOODY Time 11:10 to 12:00 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-11 To BM 9-13
Date 7-10-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6728		616		#15	6327		627		BM 9-11
	6112		613			4700		627		Palo Verde Ave & Central St.
	5499		1229			4073		1254		SEE F.B. 1375-15 [illegible]
1	18339	6.113		1229	86°	14100	4.700		1254	
	5437		625			5420		623		
	4812		623			4797		625		[illegible]
	4189		1248			4172		1248		
2	14438	4.813		2477		14389	4.796		2502	
	5403		629			5751		626		
	4774		630			5125		627		
	4144		1259			4498		1253		
3	14321	4.774		3736		15374	5.125		3755	
	5141		627			5493		615		
	4514		630			4878		617		
	3884		1257			4261		1232		
4	13539	4.513		4993		14632	4.877		4987	
	5211		622			5641		624		
	4589		621			5017		628		
	3968		1243			4389		1252		
5	13768	4.589		6236		15047	5.016		6239	
		24.802					24.514			

F.B. 2431 P.G. 157

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DRGIER Weather SUN LIPP Inst. No. [illegible]
Notes by J MUDDY Time [illegible] Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. [illegible]
From BM 9-11 To BM 9-13
Date 7-19-[illegible]
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
	5621	24802	623	6236		5818	24514	625	6239	
	4998		621			5193		621		
	4377		1244			4572		1246		
6	14996	4999		7480		15583	5194		7885	
	5662		621			5102		621		
	5041		622			4481		624		
	4419		1243			3857		1245		
7	15122	5041		8723		13440	4480		8730	
	5203		629			5567		627		
	4579		627			4940		623		
	3952		1251			4317		1250		
8	13734	4578		9723		14824	4941		9980	
	5193		624			5587		623		
	4569		626			4964		623		
	3943		1250			4341		1246		
9	13705	4568		11224		14892	4964		11226	
	5953		624			5596		637		
	5329		623			4959		636		
	4706		1247			4323		1273		
10	15989	5329		12471		14878	4959		12499	
		49317					49052			

F.B. 2431 P.G. 158

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. NR 142552
Notes by J MOODY Time 11:10 to 12:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 9-11 To BM 9-13
Date 7-10-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5849	49317	628	12471		5302	49052	631	12499	
	5221		629			4671		630		
	4592		1257			4041		1261		
11	15662	5221		13728		14014	4671		13760	
	4681		174			7526		153		BM 9-13 (U.S. 19-2)
	4507		174			7373		153		PALO VERDE AVE & CARSON ST.
	4333		348			7220		306		SEE F.B. 1375-16 FOR DESC.
12	13521	4507		14076		22119	7373		14066	
									14,076	
									28,142	
									=0.53 mi	SUMMATION OF RUN
										BM 9-11 to BM 9-13
										TOTAL BACKSIGHTS + 59.045
										TOTAL FORESIGHTS - 61.096
										DIFF IN ELEV. - 2.051
									NOTE: -	B.M. 9-12 NOT RECOVERED.
										CARSON ST. HAS BEEN REPAVED
										AND NO EVID. OF B.M. ON
										SURFACE; DID NOT DIG
		59.045					61.096			

F.B. 2431 P.G. 159

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. LT 142552
Notes by J. MOODY Time 1:00 to 1:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-13 To BM 9-11
Date 7-10-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.615		165		#15	[illegible]		162		BM 9-13 (U.S. 194)
	7.450		164			4.585		163		PALO VERDE AVE & CARSON ST.
	7286		329			[illegible]		3~~3~~5 2		SEE F.B. 1375-16 FOR DESC.
1	22.351	7.450		329	90°	[illegible]	4.585		3~~3~~5 2	
	5288		628			5.831		623		
	4660		630			5.248		625		[illegible]
	4030		1258			4.573		1248		
2	13.978	4.659		1.587		15.622	5.207		1.583	
	5080		617			5.867		632		
	4863		615			5.235		629		
	4.248		1232			4.606		1261		
3	14.591	4.864		2.819		15.708	5.236		2.844	
	5843		620			5467	15.028	628		
	5223		618			4829		639		
	4.605		1238			4.190		1267		
4	15.671	5.224		4.057		14.486	4.829		4.111	
	5742		620			5.392		631		
	5122		620			4761		633		
	4502		1240			4.128		1264		
5	15.366	5.122		5.297		14.281	4.760		5.3~~7~~6 5	
		27.319					24.617			

F.B. 2431 P.G. 160

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. NK 142552
Notes by J. MOODY Time 1:00 to 1:55 Rod No. 15 & 16

Name [illegible]-60.-PRECISE LEVEL NET
Job No. 2301.02
From BM 9-13 To BM 9-11
Date 7-10-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5458	27.319	634	5.397		6012	24.617	626	5.375 6	
	4824		632			5386		627		
	4192		1266			4759		1253		
6	14.474	4.825		6.563		16.157	5.386		6.628	
	5827		620			5640		631		
	5207		620			5009		629		
	4587		1240			4380		1260		
7	15.621	5.207		7.803		15.029	5.010		7.888	
	5.847		634			5410		623		
	5213		631			4787		623		
	4.582		1265			4164		1246		
8	15.642	5.214		9.068		14.361	4.787		9.134	
	5.906		645			5510	29.800	616		
	5261		641			4894		613		
	4.620		1286			4281		1229		
9	15.787	5.262		10.354		14.685	4.895		10.363	
	5.693		623			5357		634		
	5070		622			4723		635		
	4.448		1245			4088		1269		
10	15.211	5.070		11.599		14.168	4.723		11.632	
		52.897					49.418			

F.B. 2431 P.G. 161

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. NC 142552
Notes by J. MOODY Time 1:00 to 1:55 Rod No. 15476

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 9-13 To BM 9-11
Date 7-10-58
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
	5747	52.897	626	11.599		5761	49.418	626	11.632	
	5121		626			5135		625		
	4495		1252			4510		1251		
11	15363	5.121		12851		15406	5.135		12.883	
	5473		618			6870		603		BM 9-11
	4855		618			6267		605		PALO VERDE AVE & CENTRALIA ST.
	4237		1236			5662		1208		SEE F.B. 1375-5 FOR DESC.
12	14565	4.855		14087		18799	6.266		14.091	
										SUMMATION AT NUM. BM 9-13 to BM 9-11
										total BACKSIGHTS +62.873
										total FORESIGHTS -60.819
										DIFF IN ELEV. + 2.054
		62.873					60.819			

F.B. 2431 P.G. 162

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER
Notes by: G. E. DREIER
Weather: HAZY SUN
Time: 8:30 to 9:15
Inst. No.: NK 192552
Rod No.: 1526

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: BM 9-13 To: BM 9-14
Date: 7-11-58
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
	7.957		612		#15	6.550		624		BM 9-13 (U.S. 194)
	7.345		613			5.926		625		PALO VERDE AVE & CARSON ST.
	6.732		1225			5.301		1.249		SEE F.B. 1375-16
1	22.034	7.345		1.225		17.777	5.926		1.249	
	5.461		620			6.062		625		
	4.841		621			5.437		626		T. J. MOODY
	4.220		1.241			4.811		1251		
2	14.522	4.841		2.466		16.310	5.437		2.500	
	5.865		630			6.709		627		
	5.235		630			6.082		624		
	4.605		1.260			5.458		1.251		
3	15.705	5.235		3.726		18.249	6.083		3.751	
	5.603		618			6.691		626		
	4.985		617			6.065		626		
	4.368		1.235			5.439		1.252		
4	14.956	4.985		4.961		18.195	6.065		5.003	
	5.328		623			6.551		626		
	4.705		620			5.927		627		
	4.085		1.243			5.300		1.253		
5	14.118	4.706		6.204 ✓		17.778	5.926		6.256 ✓	
		27.112 ✓					29.437 ✓			

F.B. 1431 P.G. 163

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No NK142552
Notes by G. E. DREIER Time 8:30 TO 9:15 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 9-13 To B.M. 9-14
Date 7-11-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.215	27.112	627	6.204		6.595	29.437	623	6.256	
	4.588		628			5.972		622		
	3.960		1.255			5.350		1.245		
6	13.763	4.588		7.459		17.917	5.972		7.501	
	5.521		624			6.543		625		
	4.897		627			5.918		627		
	4.270		1.251			5.291		1.252		
7	14.688	4.896		8.710		17.752	5.917		8.753	
	6.215		624			5.982		624		
	5.591		624			5.358		626		
	4.967		1.248			4.732		1.250		
8	16.773	5.591		9.958		16.072	5.357		10.003	
	6.168		627			5.765		626		
	5.541		623			5.139		624		
	4.918		1.250			4.515		1.250		
9	16.627	5.542		11.208		15.419	5.140		11.253	
	6.281		622			6.047		628		
	5.659		620			5.419		627		
	5.039		1.242			4.792		1.255		
10	16.979	5.660		12.450		16.258	5.419		12.508	
		53.389					57.242			

F.B. 2431 P.G. 164

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No Nr. 142552
Notes by G. E. DREIER Time 8:30 TO 9:15 Rod No 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-13 To B.M. 9-14
Date 7-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.669	53.389	522	12.450		8.808	57.242	564	12.508	
	6.147		525			8.236		566		B.M. 9-14
	5622		~~1249~~			7.670		1130		PALO VERDE AVE & CONANT
11	18.438	6.146	1047	13.897		24.706	8.235		13.638	SEE F.B. 1375-17 FOR DESC.
									13.897	
									27.535	
									~~= 0.52 mi.~~	
									0.51 mi.	
										SUMMATION OF RUN
										B.M. 9-13 TO B.M. 9-14
										TOTAL BACKSIGHTS + 59.535
										TOTAL FORESIGHTS - 65.477
										DIFF IN ELEVATION - 5.942
		59.535					65.477			

F.B. 2031 P.G. 165

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. Nr. 142552
Notes by G. E. DREIER Time 1:15 TO Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 9-14 To B.M. 9-13
Date 7-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.724		566		#15	6.589		520		B.M. 9-14
	8.158		569			6.069		520		PALO VERDE AVE & CONANT ST.
	7.589		1.135			5.549		1.040		SEE F.B. 1375-17 FOR DESC.
1	24.471	8.157		1.135	80°	18.207	6.669		1.040	
	6.009		601			6.296		647		
	5.408		601			5.649		648		J. MOODY
	4.807		1.202			5.001		1.295		
2	16.226	5.409		2.337		16.946	5.649		2.335	
	5.775		627			6.174		623		
	5.148		626			5.551		623		
	4.522		1.253			4.928		1.246		
3	15.445	5.148		3.590		16.653	5.551		3.581	
	5.900		628			6.122		620		
	5.272		629			5.502		621		
	4.643		1.257			4.881		1.241		
4	15.815	5.272		4.847		16.505	5.502		4.822	
	6.567		629			5.541		623		
	5.938		628			4.918		624		
	5.310		1.257			4.294		1.247		
5	17.815	5.938		6.104		14.753	4.918		6.069	
		29.924					27.689			

F.B. 2431 P.G. 166

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER
Notes by G. E. DREIER
Weather HAZY SUN-BREEZE Inst. No. Nr. 142552
Time 1:15 TO 1:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-14 To B.M. 9-13
Date 7-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6509	29.924	620	6.104		5.131	27.689	629	6.069	
	5.889		620			4.502		627		
	5.269		1240			3.875		1.256		
6	17.667	5.889		7.344		13.508	4.503		7.325	
	6585		624			5361		620		
	5.961		626			4.741		622		
	5.335		1.250			4.119		1.242		
7	17.881	5.960		8.594		14.221	4.740		8.507	
	6.666		628			5575		618		
	6.038		626			4.957		619		
	5.412		1.254			4.338		1.237		
8	18.116	6.039		9.848		14.870	4.957		9.804	
	6655		626			5.865		626		
	6.029		628			5179		627		
	5.401		1.254			4.550		1.255		
9	18.085	6.028		11.102		15.534	5.178		11.059	
	5.909		624			5311		620		
	5.285		626			4.691		620		
	4.659		1.250			4.071		1240		
10	15.853	5.284		12.352		14.073	4.691		12.279	
		59.124					51.758			

F.B. 2031 P.G. 162

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. N-142552
Notes by G. E. DREIER Time 1:15 TO 1:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 830102
From BM 9-14 To BM 9-13
Date 7-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.222	59.124	613	12.352		7.649	51.758	621	12.299	
	5.609		614			7.028		625		BM. 9-13 (US. 194, A-2, 1923)
	4.995		1227			6.403		1.246		PALO VERDE AVE & CARSON ST
11	16.826	5.609		13.577		21.080	7.027		13.545	SEE FB. 1375-16 FOR DESC.
										SUMMATION OF RUN BM. 9-14 TO B.M. 9-13
										TOTAL BACKSIGHTS +64.733
										TOTAL FORESIGHTS -58.785
										DIFF IN ELEVATION +5.948
		64.733					58.785			

F.B. 2131 P.G. 168

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. NY 142552
Notes by J. MOODY Time 10:15 to 10:45 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-14 To BM 9-15A
Date 7-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8757		575			6452		555		BM. 9-14
	8182		573			5897		556		PALO VERDE AVE & COVANT AVE
	7609		1148			[illegible]		1111		SEE F.B. 1325-17
1	24548	8.183		1148		17690	5.897		1111	
	5701		622			6749		622		
	5079		621			6127		624		
	4458		1243			5503		1246		T G.E. DREIER
2	15238	5.079		2391		18379	6126		2357	
	5623		624			6681		628		
	4999		621			6054		627		
	4378		1245			5427		1255		
3	15,000	5,000		3636		18163	6.054		3612	
	5275		611			6285		647		
	4664		610			5638		648		
	4057		1221			4990		1295		
4	14002	4.667		4857		16913	5.638		4907	
	5793		625			[illegible]		[illegible]		
	5168		625			[illegible]		622		
	4543		1250			[illegible]		[illegible]		
5	15.504	5.168		6.107		17.321	5.774		6.153	
		28.097					29.489			

F.B. 2431 P.G. 169

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. N1142552
Notes by J. A. MOODY Time 10:15 TO 10:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From Bm 9-12 To Bm 9-12A
Date 7-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5748	28.097	637	6107		6330	29.489	612	6153	
	5111		638			5718		611		
	4473		1275			5107		1223		
6	15332	5.111		7382		17155	5.718		7376	
	5852		625			6587		619		
	5227		628			5968		621		
	4579		1253			5347		1240		
7	15678	5.226		8635		17902	5.967		8616	
	6597		630			6130		612		
	5967		633			5513		615		
	5333		1263			4899		1232		
8	17898	5.766		9898		16542	5.514		9848	
	6447		626			6066		625		
	5841		625			5441		623		
	5116		1251			4812		1248		
9	17524	5.841		11149		16325	5.442		11096	
	5917		618			[illegible]		621		
	5299		618			5606		620		
	4681		1236			4991		1261		
10	15897	5.299		12385		16219	5.606		12357	
		55.540					57.736			

F.B. 2431 P.G. 170

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No NR 142552
Notes by G. E. DREIER Time 10:15 TO 10:45 Rod No 15816

Name L. A. CO. PRECISE LEVEL NE
Job No 0301.02
From B.M. 9-14 To B.M. 9-15-A
Date 7-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5660	55.540	603	12.385		3160	57.736	590	12.35[illegible]	
	5057		606			2570		591		B.M. 9-15A
	4551		1209			1979		1181		PALO VERDE AVE & HACKETT AVE
11	15,168	5,056		13.594		7,709	2,570		13.538	SEE F.B. 1375-18 FOR DESC.
									13.594	
									27.132	
									c0.51 mi.	
										B.M. 9-15 NOT FOUND, PROBABLY DESTROYED BY REPAVING
										SUMMATION OF RUN B.M. 9-14 TO B.M. 9-15A
										TOTAL BACKSIGHTS +60.596
										TOTAL FORESIGHTS -60.306
										DIFF IN ELEVATION + 0.290
		60.596					60.306			

F.B. 2431 P.G. 171

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. NT 142550
Notes by J. MOODY Time 11:40 TO 12:00 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 9-15-A To BM 9-15
Date 7-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3131		594			5630		602		BM 9-15A
	2537		594			5028		605		PALO VERDE AVE & HACKITT AVE
	1943		1188			4423		1207		SEE F.B. 1375-18 FOR DESC.
1	7611	2537		1188		15081	5.027		1207	
	6191		625			5877		620		
	5566		628			5257		620		⊼ DREIER
	4938		1253			4637		1240		
2	16695	5.565		2.441		15771	5.251		2.447	
	7173		624			7577		627		
	6549		624			6950		627		
	5925		1248			6323		1254		
3	19647	6.549		3.689		20850	6.950		3.701	
	6183		611			6651		636		
	5572		612			6023		632		
	4960		1223			5391		1266		
4	16715	5.572		4.912		18071	6.024		4.967	
	6621		622			5183		624		
	5899		622			5159		623		
	5277		1244			4536		1247		
5	17697	5.899		6.156		15478	5.159		6.214	
		26.122					28.417			

F.B. 2431 P.G. 172

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. Nr. 142552
Notes by J. A. MOODY Time 11:40 TO 12:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM9-15A To BM9-12
Date 7-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6405	26.122	625	6156		5799	28.417	627	6.2[illegible]	
	5780		624			5172		627		
	5156		1249			4545		1254		
6	17341	5.780		7405		15516	5.172		7.468	
	6300		627			5691		624		
	5673		625			5067		620		
	5048		1252			4447		1244		
7	17.021	5.674		8657		15205	5.068		8.712	
	6152		615			5181		618		
	5537		618			4563		617		
	4919		1233			3946		1235		
8	16608	5.536		9890		13690	4563		9.947	
	6590		630			5527		625		
	5960		629			4902		623		
	5331		1259			4279		1248		
9	17881	5.960		11.149		14708	4.903		11.195	
	6688		626			5647		625		
	6062		622			5022		624		
	5440		1248			4398		1249		
10	18190	6.063		~~12497~~		15067	5.022		12444	
		55.135		12.397			53.145			

F.B. 2431 P.G. 173

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN WARM Inst. No. AY-142552
Notes by J. MOODY Time 11:40 to 12:00 Rod No. 1586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0801.02
From BM 9-15A To BM 9-12
Date 7-11-68
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
	6183	55.135	546	~~12.397~~ 12.397		8512	53.145	591	12.444	BM 9-12
	5637		547			7921		590		PALO VERDE AVE & CONANT ST
	5090		1093			7331		781		SEE F.B. 1375-17 FOR DESC.
11	16910	5.637		~~12.490~~		29162	7.921		13.625 ✓	
				13.490						
										SUMMATION OF RUN
										BM 9-15A TO BM 9-14
										TOTAL BACKSIGHTS +60.772 ✓
										TOTAL FORESIGHTS -61.066 ✓
										DIFF IN ELEVATION - 0.294 ✓
		60.772 ✓					61.066 ✓			

F.B. 2431 P.G. 174

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. N142552
Notes by G. E. DREIER Time 10:45 TO 11:10 Rod No. 15 #16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-15A To B.M. 8-34
Date 7-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.939		109		#15	5.738		162		B.M. 9-15A
	2.830		109			5.576		163		PALO VERDE AVE & HACKETT AVE
	2.721		218			5.413		325		SEE F.B. 1375-18. FOR DESC.
1	8.490	2.830		2.18	72°	16.727	5.576		.325	
	5.808		606			6.227		629		
	5.202		603			5.598		627		T J. MOODY
	4.599		1.209			4.969		1.258		
2	15.609	5.203		1.427		16.794	5.598		1.583	
	5.892		620			6.081		624		
	5.272		620			5.457		626		
	4.652		1.240			4.831		1.250		
3	15.816	5.272		2.667		16.369	5.456		2.833	
	5.344		626			5.723		625		
	4.718		627			5.098		624		
	4.091		1.253			4.474		1.249		
4	14.153	4.718		3.920		15.295	5.098		4.082	
	4.982		624			5.498		621		
	4.358		623			4.877		624		
	3.735		1.247			4.253		1.245		
5	13.075	4.358		5.167 ✓		14.628	4.876		5.327 ✓	
		22.381 ✓					26.604 ✓			

F.B. 2431 PG. 175

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No Nr 142552
Notes by G. E. DREIER Time 10:45 TO 11:10 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No 030102
From B.M. 9-15A To B.M. 8-34
Date 7-11-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.112	22.381	624	5.167		5.250	26.604	620	5.327	
	4.488		626			4.630		622		
	3.862		1.250			4.008		1.242		
6	13.462	4.487		6.417		13.888	4.629		6.569	
	5.799		642			6.142		606		
	5.157		646			5.536		607		
	4.511		1.288			4.929		1.213		
7	15.467	5.156		7.705		16.607	5.536		7.782	
	5.709		622			6.130		625		
	5.087		624			5.505		627		
	4.463		1.246			4.878		1.252		
8	15.259	5.086		8.951		16.513	5.504		9.034	
	5.849		620			6.163		625		
	5.229		621			5.538		626		
	4.608		1.241			4.912		1.251		
9	15.686	5.229		10.192		16.613	5.538		10.285	
	5.602		622			6.257		629		
	4.980		621			5.628		627		
	4.359		1.243			5.001		1.256		
10	14.941	4.980		11.435		16.886	5.629		11.541	
		47.319					53.440			

F.B. 2431 PG. 176

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN BREEZE Inst. No. Nr. 142552
Notes by G. E. DREIER Time 10:45 TO 11:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 9-15A To B.M. 8-34
Date 7-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5868	47.319	651	11.435		6177	53.440	596	11.541	
	5.217		655			5.581		593		
	4.562		1306			4.988		1.189		
11	15.647	5.216		12.741		16.746	5.582		12.730	
	5.920		403			6.282		393		B.M. 8-34
	5.517		402			5.889		392		SPRING ST. & PALO VERDE AVE.
	5.115		805			5.497		785		
12	16.552	5.517		13.546		17.668	5.889		13.515	SEE F.B. 1209-29 FOR DESC
									13.546	
									27.061	
									~~0.50 mi.~~ 0.51 mi.	
										SUMMATION OF RUN
										B.M. 9-15A TO B.M. 8-34
										TOTAL BACKSIGHTS + 58.052
										TOTAL FORESIGHTS - 64.911
										DIFF IN ELEVATION - 6.859
		58.052					64.911			

F.B. 2431 P.G. 177

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN-BREEZE Inst. No Nr. 142552
Notes by G.E. DREIER Time 11:10 TO 11:35 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-34 To B.M. 9-15A
Date 7-11-58
Indexed E. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.308		393			5.945		404		BM 8-34
	5.915		393			5.541		401		SPRING ST. & PALO VERDE AVE.
	5.522		786			5.140		805		SEE F.B. 1209-29 FOR DESC
1	17.745	5.915		.786	72°	16.626	5.542		.805	
	6.210		622			5.847		625		
	5.588		621			5.222		625		
	4.967		1.243			4.597		1.250		T J. MOODY
2	16.765	5.588		2.029		15.666	5.222		2.055	
	6.255		626			5.607		625		
	5.629		622			4.982		627		
	5.007		1.248			4.355		1.252		
3	16.891	5.630		3.277		14.944	4.981		3.307	
	6.190		626			5.875		623		
	5.564		626			5.252		622		
	4.938		1.252			4.630		1.245		
4	16.692	5.564		4.529		15.757	5.252		4.552	
	6.127		630			5.699		621		
	5.497		629			5.078		619		
	4.868		1.259			4.459		1.240		
5	16.492	5.497		5.788✓		15.236	5.079		5.792✓	
		28.194✓					26.076✓			

F.B. 2431 P.G. 178

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN BREEZE Inst. No. Nr. 14252
Notes by G. E. DREIER Time 11:10 TO 11:35 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-34 To B.M. 9-15A
Date 7-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.122	28.194	624	5.788		5.742	26.076	625	5.792	
	5.498		626			5.117		628		
	4.872		1.250			4.489		1.253		
6	16.492	5.497		7.038		15.348	5.116		7.045	
	5.731		624			5.587		622		
	5.107		625			4.965		623		
	4.482		1.249			4.342		1.245		
7	15.320	5.107		8.287		14.894	4.965		8.290	
	5.543		621			5.031		625		
	4.922		620			4.406		625		
	4.302		1.241			3.781		1.250		
8	14.767	4.922		9.528		13.218	4.406		9.540	
	5.432		622			5.053		625		
	4.810		622			4.428		626		
	4.188		1.244			3.802		1.251		
9	14.430	4.810		10.772		13.283	4.428		10.791	
	5.702		630			5.502		615		
	5.072		630			4.887		618		
	4.442		1.260			4.269		1.233		
10	15.216	5.072		12.032		14.658	4.886		12.024	
		53.602					49.877			

F.B. 2131 P.G. 179

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN BREEZE Inst. No. Nr. 142552
Notes by G. E. DREIER Time 11:10 TO 11:35 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-34 To B.M. 9-15A
Date 7-11-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.230	53.602	628	12.032		5.813	49.377	604	12.024	
	5.602		627			5.209		606		
	4.975		1.255			4.603		1210		
11	16.805	5.602		13.287		15.625	5.208		12.234	
	5.714		146			2.942		119		B.M. 9-12A
	5.568		144			2.823		117		PALO VERDE AVE & HACKETT AVE
	5.424		290			2.706		236		SEE F.B. 1375-18 FOR DESC.
12	16.706	5.569		13.577		8.471	2.824		13.470	
										SUMMATION OF RUN B.M. 8-34 TO B.M. 9-15A
										TOTAL BACKSIGHTS +64.773
										TOTAL FORESIGHTS −57.909
										DIFF IN ELEVATION +6.864
		64.773					57.909			

F.B. 2431 P.G. 180

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. Nr. 142552
Notes by G. E. DREIER Time 11:15 TO 11:50 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-34 To B.M. 8-33
Date 7-15-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6725		616		#15	6.131		622		B.M. 8-34
	6.109		616			5.509		622		SPRING ST. & PALO VERDE AVE.
	5.493		1232			4.887		1244		SEE F.B. 1209-29 FOR DESC.
1	18.327	6.109		1.232	71°	16.527	5.509		1.244	
	5.797		626			6.343		624		
	5.171		623			5.719		624		T. J. MOODY
	4.548		1.249			5.095		1248		
2	15.516	5.172		2.481		17.157	5.719		2.492	
	5859		626			6.212		624		
	5.233		625			5.588		627		
	4.608		1251			4.961		1.251		
3	15.700	5.233		3.732		16.761	5.587		3.743	
	5828		627			7.207		621		
	5.201		626			6.586		619		
	4.575		1253			5.967		1.240		
4	15.604	5.201		4.985		19.760	6.587		4.983	
	6.190		619			6.195		626		
	5.571		619			5.569		628		
	4.952		1.238			4.941		1.254		
5	16.713	5.571		6.223		16.705	5.568		6.237	
		27.286					28.990			

F.B. 2031 P.G. 181

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No Nr. 142552
Notes by G. E. DREIER Time 11:15 TO 11:50 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-34 To B.M. 8-33
Date 7-15 E. S. 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
	5.800	27.286	625	6.223		5.545	28.970	626	6.237	
	5.175		625			4.919		624		
	4.550		1.250			4.295		1.250		
6	15.525	5.175		7.473		14.759	4.920		7.487	
	6.118		620			5.548		629		
	5.498		621			4.919		627		
	4.877		1.241			4.292		1.256		
7	16.493	5.498		8.714		14.759	4.920		8.743	
	6.239		626			5.819		624		SUMMATION OF RUN
	5.613		624			5.195		624		B.M. 8-34 TO B.M. 8-33
	4.989		1.250			4.571		1.248		TOTAL BACKSIGHTS + 54.510
8	16.841	5.614		9.964		15.585	5.195		9.991	TOTAL FORESIGHTS − 56.374
	6.290		623			5.749		626		DIFF IN ELEVATION − 1.864
	5.667		626			5.123		624		
	5.041		1.259			4.499		1.250		
9	16.998	5.666		11.223		15.371	5.124		11.241	
	6.021		750			7.988		743		
	5.271		749			7.245		744		B.M. 8-33
	4.522		1.499			6.501		1.487		SPRING ST. & STUDEBAKER RD.
10	15.814	5.271		12.722		21.734	7.245		12.728	SEE F.B. 1209-28 FOR DESC.
		54.510					56.374		12.722 25.450 =0.48 m.i.	

F.B. 243/PG. 182

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: SUN - HAZE Inst. No.: Nr 142552
Notes by: T. OHASHI Time: 2:45 TO 3:30 Rod No.: 15 & 16

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 8-33 To: B.M. 8-34
Date: 7-15-58
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
	7952		744		#15	5983		746		BM 8-33
	7208		745			5237		749		SPRING ST & STUDEBAKER RD
	6463		1489			4488		1495		SEE F.B. 1209-28 FOR DESC.
1.	21,623	7.208		1489		15,768	5.236		1495	
	5879		622			6428		628		⊼ J.A. MOODY
	5257		624			5799		628		
	4633		1246			5171		1257		
2	15,769	5.256		2735		17,398	5799		2752	
	5880		626			6298		626		
	5254		625			5672		623		
	4629		1251			5044		1249		
3	15,763	5.254		3986		17,014	5673		4001	
	5810		622			6390		624		
	5188		620			5765		625		
	4568		1242			5140		1250		
4.	15,566	5189		5228		17,294	5765		5251	
	5797		626			6055		627		
	5171		627			5428		626		
	4549		1248			4802		1253		
5.	15,517	5.172		6476		16,285	5.428		6504	
		28.079					27.901			

F.B. 2431 P.G. 183

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN-HAZE Inst. No. N-142552
Notes by T. OHASHI Time 2:45 TO 3:30 Rod No. 15516

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-33 To B.M. 8-34
Date 7-15-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6248	28079	621	6476		6253	27901	622	6504	
	5627		620			5631		625		
	5007		1241			5006		1247		
6.	16882	5627		7717		16890	5630		7751	
	7213		618			5535		626		
	6595		620			5209		624		
	5975		1238			4588		1250		
7.	19783	6594		8955		15627	5210		9001	SUMMATION OF RUN
	6260		638			5875		610		B.M. 8-33 TO B.M. 8-34
	5622		639			5265		612		TOTAL BACKSIGHT + 57.171
	4983		1277			4653		1222		TOTAL FORESIGHT − 55.304
8.	16865	5622		10232		15793	5264		10223	DIFF. IN ELEV. + 1.867
	6328		626			5780		626		
	5702		624			5154		625		
	5078		1250			4529		1251		
9.	17108	5703		11482		15463	5154		11479	
	6168		621			6760		615		B.M. 8-34
	5547		625			6145		615		SPRING ST & PALO VERDE AVE.
	4922		1246			5530		1230		SEE F.B. 1209-29 FOR DESC.
10	16637	5546		12728		18435	6145		12704	
		57171					55304			

F.B. 2431 P.G. 184

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER
Notes by G. E. DREIER
Weather HAZY SUN Inst. No. Nr. 142552
Time 1:20 TO 2:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-33 To B.M. 8-30
Date 7-15-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.438		747		#15	6.065		750		B.M. 8-33
	6.691		744			5.315		750		SPRING ST. & STUDEBAKER RD.
	5.947		1491			4.565		1500		SEE F.B. 1209-28 FOR DESC.
1	20.076	6.692		1.491		15.945	5.315		1.500	
	5.922		558			6.120		559		
	5.364		556			5.561		559		T J. MOODY
	4.808		1114			5.002		1118		
2	16.094	5.365		2.605		16.683	5.561		2.618	
	5.931		623			6.161		624		
	5.308		626			5.537		628		
	4.682		1249			4.909		1252		
3	15.921	5.307		3.854		16.607	5.536		3.870	
	7.074		232			5.583		201		+ 24.206
	6.842		232			5.382		200		- 21.794
	6.610		464			5.182		401		+ 2.412
4	20.526	6.842		4.318		16.147	5.382		4.271	
		24.206					21.794			B.M. 8-32 (A 779 1946)
										SPRING ST., E. OF STUDEBAKER RD.
										SEE F.B. 1209-28 FOR DESC.

F.B. 2431 P.G. 185

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER
Notes by G. E. DREIER
Weather HAZY SUN Inst. No Nr. 142552
Time 1:20 TO 2:10 Rod No 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 8-33 To B.M. 8-30
Date 7-15-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.672		187	4.318 ✓		5.519		177	4.271 ✓	
	5.485		187			5.342		178		+ 5.485 ✓
	5.298		374			5.164		355		− 5.342 ✓
5	16.455	5.485 ✓		4.692 ✓		16.025	5.342 ✓		4.626 ✓	+ 0.143 ✓
										F.C. B.M. 73-510 SPRING ST., S. SIDE, E. OF STUDEBAKER ROAD, BRASS DISC IN W. END OF GATE TO CITY L.B. WELL WISE NO 1
	4.505		584			6.221		622		
	3.921		582			5.599		621		
	3.339		1.166			4.978		1.243		
6	11.765	3.922		5.858		16.798	5.599		5.869	
	6.440		625			5.699		627		
	5.815		625			5.072		623		
	5.190		1.250			4.449		1.250		
7	17.445	5.815		7.108		15.220	5.073		7.119	
	6.529		622			5.678		628		
	5.907		625			5.050		627		
	5.282		1.247			4.423		1.255		
8	17.718	5.906		~~8.455~~		15.151	5.050		8.374 ✓	
		15.643 ✓		8.355			15.122 ✓			

F.B. 2431 PG. 186

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN BREEZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 1:20 TO 2:10 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-33 To B.M. 8-30
Date 7-15-58
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
	6.526	15.643✓	625	~~8.455~~ 8.355		5.747	15.722✓	627	8.374✓	
	5.901		624			5.120		625		
	5.277		1.249			4.495		1.252		
9	17.704	5.901		9.704		15.362	5.121		9.626	
	6.291		623			5.842		634		
	5.668		624			5.208		633		
	5.044		1.247			4.575		1.267		
10	17.003	5.668		10.951		15.625	5.208		10.893	
	6.170		629			6.047		639		+ 37.857✓
	5.541		629			5.408		639		- 36.274✓
	4.912		1.258			4.769		1.278		+ 1.583✓
11	16.623	5.541		12.209		16.224	5.408		12.171	
	5.371		267			5.104		289		
	5.104		267			4.815		290		B.M. 8-30 (F.C. B.M. 73-33 T)
	4.837		534			4.525		579		SPRING ST. & SAN GABRIEL RIVER
12	15.312	5.104		~~12.743~~		14.444	4.815		12.750✓	SEE F.B. 1209-27 FOR DESC.
		37.857✓		12.643			36.274✓			

F.B. 2431 P.G. 187

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: SUN-HAZE Inst. No. N-142552
Notes by: T. OHASHI Time: 2:10 TO 3:00 Rod No. 15916

Name: L.A.C. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 8-30 To: B.M. 8-33
Date: 7-15-58
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
	5101		289			5369		268		B.M. 8-30 (F.C. B.M. 73-33T)
	4.812		290		#/5	5.101		267		
	4.522		579			4.834		535		
1	14.435	4.812		579		15.304	5.101		535	
	5977		630			6116		635		
	5347		632			5481		634		
	4715		1262			4847		1269		
2	16.039	5.346		1841		16.444	5.481		1804	
	5764		622			6241		638		
	5142		620			5603		634		
	4522		1242			4969		1272		
3	15.428	5.143		3083		16.813	5.604		3076	
	5788		626			6567		626		
	5162		625			5941		624		
	4537		1251			5317		1250		
4	15.487	5.162		4334		17.825	5.942		4326	
	5702		623			6601		626		
	5119		622			5975		626		
	4497		1245			5349		1252		
5	15.358	5.119		5579 ✓		17.925	5.975		5578 ✓	
		25.582 ✓					28.103 ✓			

F.B. 2431 P.G. 188

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN - HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 2:10 TO 3:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-30 To B.M. 8-33
Date 7-15-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5571	25.582 ✓	623	5579 ✓		6317	28.103 ✓	626	5578 ✓	
	4948		623			5691		624		
	4325		1246			5067		1250		
6.	14.844	4.948		6825		17075	5692		6828	
	6161		621			4447		586		+ 36.070 ✓
	5540		621			3861		584		- 37657 ✓
	4919		1242			3277		1170		- 1.587 ✓
7	16.620	5.540		8067 ✓		11.585	3862		7998 ✓	
		36.070 ✓					37.657 ✓			F.C. B.M. 73-510, SPRING ST., S. SIDE, E. OF STUDEBAKER RD, BRASS DISC IN W. END OF GATE TO CITY L.B. WELL WISE NO. 1
	5435		176			5591		188		+ 5.259 ✓
	5259		175			5403		188		- 5.403 ✓
	5084		351			5215		376		- 0.144 ✓
8.	15.778	5.259 ✓		8418 ✓		16.208 9	5.403 ✓		8374 ✓	
										B.M. 8-32 SPRING ST. E. OF STUDEBAKER RD SEE F.B. 1209-28 FOR DESC

F.B. 2431 P.G. 189

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN - HAZE Inst. No. N-142552
Notes by T. OHASHI Time 2:10 TO 3 Rod No. 15516

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-30 To B.M. 8-33
Date 7-15-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5612		200	8418		7107		236	8374	
	5412		200			6871		236		
	5212		400			6635		472		
9.	16236	5.412		8,818		20613	6.871		8846	
	6125		626			5897		627		
	5499		626			5270		627		
	4873		1252			4643		1254		
10.	16497	5499		10070		15810	5.270		10,100	
	5912		556			5114		557		+ 21.561
	5352		557			4557		557		− 23.972
	4795		1113			4000		1114		− 2.411
11.	16059	5.353		11177		15469	5.156		11,216	
	6055		758			7410		735		B.M. 8-33
	5297		757			6675		735		SPRING ST. & STUDEBAKER RD.
	4540		1515			5940		1470		SEE F.B. 1209-28 FOR DESC.
12	15892	5.297		12,702		20025	6.675		12,686	
		21.561					23.972			

F.B. 2431 PG. 190

Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by: ~~GE, DREIER~~
Checked	Notes Date 8-58
Date	Indexed J. C. Johnson 9-4-58

F. B. 2431 Pg. 201

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

RERUN OF LINE NO. 30

NOTE. THIS LINE RUN CONTINUIONS WITH RERUN OF LINE 9 IN PRECEDING PAGES.

NOTE B.M. 30-1 HAS NEW CITY OF LONG BEACH MON. ON SURFACE; B.M.'S 8-38 AND B.M. 8-39 HAVE BEEN DESTROYED BY AIRPORT CONS.

CONTINUED IN F.B. 2432

DREIER
MOODY
OHASHI
ALWIN
MOORE, R.

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

767308S CE #247—3-57

F. B. 2431 Pg. 202

SPRING ST.

B.M. 8-35

(LINE 9)

(LINE 8)

B.M. 8-32

33mi

B.M. 8-36

B.M. 8-37

B.M. 8-33

B.M. 8-34

B.M. 8-30

B.M. 30-21

B.M. 30-28

WILLOW ST.

(B.M. 30-2 AND 2A NOT RECOVERED)

PALO VERDE AVE.

B.M. 30-3

STEARNS ST.

LAKEWOOD BLVD.

CLARK AVE.

B.M. 30-4

B.M. 30-5

ATHERTON ST.

N

G

B.M. 30-6 (M-789)

B.M. 30-14 TO B.M. 30-21

SAN GABRIEL RIVER

B.M. 30-23

PACIFIC COAST HWY

ANAHEIM ST.

B.M. 30-26

7th ST.

B.M. 30-14

F.C. B.M. 73-1B

B.M. 30-27

B.M. 30-37

(B.M. 30-24 DESTROYED)
(B.M. 30-25 DESTROYED)

B.M. 30-28

B.M. 30-29

LOS CERRITOS CHANNEL

B.M. 30-36

B.M. 30-30

B.M. 30-35

B.M. 30-34

B.M. 30-31

B.M. 30-33

B.M. 30-32

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

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76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZY SUN Inst. No. 50010 (BERGER)
Notes by G.E. DREIER Time 1:00 TO 2:55 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVELNET
Job No. 0301.02
From B.M. 8-30 To B.M. TOWER #31
Date 8-5-58
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
	4.791		186		#15	5709		182		B.M. 8-30 (F.C. 73-33T)
	4.605		185			5.527		182		SPRING ST AND SAN GABRIEL RIVER
	4.420		371			5.345		364		SEE F.B. 1209-27 FOR DESC.
1	13.816	4.605		.371	78°	16581	5.527		.364	
	5072		183			5676		183		T. OHASHI
	4889		182			5493		180		
	4707		365			5313		363		
2	14668	4.889		.736		16482	5.494		.727	
	4.679		181			5.399		181		
	4.498		181			5.218		179		
	4.317		362			5.039		360		
3	13.494	4.498		1.098		15,656	5.219		1.087	
	4900		154			5.695		146		+ 18.738
	4.746		153			5.549		146		- 21.789
	4.593		307			5.403		292		- 3.051
4	14.239	4.746		1.405		16.647	5.549		1.379	
		18.738					21.789		1.405 2.784	B.M. 30-21 (F.C. 73-9C)
										SAN GABRIEL RIVER & TOWER #32
										SEE F.B. 1396-24 FOR

F.B. 2431 P.G. 203

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:55 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-30 To B.M. 30-
Date 8-5-58
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
	4864		183	1.405		5.143		180	1.379	
	4681		180			4.963		176		
	4.501		363			4.787		356		
5	14.046	4.682		1.768		14.893	4.964		1.735	
	5.139		177			5.221		188		
	4.962		174			5.033		187		
	4.788		351			4.846		375		
6	14.889	4.963		2.119		15.100	5.033		2.110	
	5.226		183			5.55		180		+ 19.962 ✓
	5.043		181			5.373		181		− 21.650 ✓
	4.862		364			5.192		361		− 1.688 ✓
7	15.131	5.044		2.483		16.120	5.373		2.471	
	5.367		095			6.382		103		T.B.M. (F.C.B.M., NO NUMBER)
	5.272		093			6.279		100		SAN GABRIEL RIVER & TOWER 31
	5.179		188			6.179		203		SEE F.B. 1396-24 FOR DESC.
8	15.818	5.273		2.671 ✓		18.840	6.280		2.674 ✓	
		19.962 ✓					21.650 ✓		2.674	
									5.345	Summation of Run
						DIFF. IN ELEV., B.M. 8-30				TO B.M. 30-21 − 3.051
						" "			B.M. 30-21	TO T.B.M. AT TOWER #31 − 1.688 ✓

F.B. 2431 P.G. 204

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather HAZY SUN-BREEZE Inst. No. 50010
Notes by G.E.DREIER Time 3:00 TO 4:00 Rod No. 15 & 16

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. TOWER 31 To B.M. 8-30
Date 8-5-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6393		101		#15	5380		095		T.B.M. (F.C.B.M., NO NUMBER)
	6292		100			5285		095		SAN GAB. RIVER & TOWER NO 31
	6192		201			5190		190		SEE F.B. 1396-24 FOR DESC.
1	18877	6.292		201	75°	15855	5.285		.190	
	5458		183			5129		184		T. OHASHI
	5275		179			4945		182		
	5096		362			4763		366		
2	15829	5.276		.563		14837	4.946		.556	
	5227		184			5163		180		
	5043		180			4983		179		
	4863		364			4804		359		+ 21.693
3	15133	5.044		.927		14950	4.983		.915	- 20.018
	5260		180			4982		180		+ 1.675
	5080		177			4802		181		
	4903		357			4621		361		
4	15243	5.081		1.284		14405	4.802		1.276	
		21.693					20.018		1.284	B.M. 30-21 (F.C.B.M. 73-96)
									2560	SAN GAB. RIVER & TOWER #32
										SEE F.B. 1396-24 FOR DESC.

F.B. 2431 P.G. 205

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 3:00 TO 4:00 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET
Job No. 030102
From T.B.M. TOWER #31 To B.M. 8-30
Date 8-5-58
Indexed A. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.830		144	1284	#15	5.042		155	1276	
	5.686		144			4.887		156		
	5.542		288			4.731		311		
5	17.058	5.686		1,572	75°	14.660	4.887		1,587	
	5.297		181			4.584		182		
	5.116		177			4.402		181		
	4.939		358			4.221		363		
6	15.352	5.117		1,930		13.207	4.402		1,950	
	5.549		181			4.949		186		+ 21.731 ✓
	5.368		180			4.763		183		− 18.695 ✓
	5.188		361			4.580		369		+ 3.036 ✓
7	16.105	5.368		2,291		16.292	4.764		2,319	
	5.741		182			4.829		187		
	5.559		180			4.642		186		B.M. 8-30 (F.C. B.M. 73-337)
	5.379		362	✓		4.456		373		SPRING ST. & SAN GABRIEL RIVER
8	16.679	5.560		2,653		13.927	4.642		2,692	SEE F.B. 1209-27 FOR DESC.
		21.731 ✓					18.695 ✓			

F.B. 2431 P.G. 206

SUMMATION OF RUN

DIFF IN ELEV. T.B.M. AT TOWER #31 TO B.M. 30-21 + 1.680
" " " B.M. 30-21 TO B.M. 8-30 + 3.036 ✓

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 8:45 TO 9:15 Rod No. 15 & 16

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-30 To T.B.M. AT TOWER #31
Date 8-6-58
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
	4934		186			5844		182		B.M. 8-30 (F.C. 73-33T)
	4748		188			5662		180		SPRING ST & SAN GABRIEL RIVER
	4560		374			5482		362		SEE F.B. 1209-27 FOR DESC.
1	14242	4.747		374		16988	5.663		362	
	5217		184			5821		181		⊼ G.E. DREIER
	5033		182			5640		182		
	4851		366			5458		363		
2	15161	5.054		740		16919	5.640		725	
	4979		181			5692		180		
	4798		180			5512		179		
	4618		361			5333		359		
3	14395	4.798		1101		16537	5.512		1084	
	5198		151			5996		149		± 19.626
	5047		150			5847		148		− 22.662
	4897		301			5699		297		= 3.036
4.	15142	5047		1402		17542	5.847		1381	
		19.626					22.662			B.M. 30-21 (F.C. 73-9C)
										SAN GABRIEL RIVER & TOWER #32
										SEE F.B. 1396-24 FOR DESC.

F.B. 2431 P.G. 207

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. [illegible]
Notes by T. OHASHI Time 8[illegible] 9:15 Rod No. 15 & 16

Name L.A.Co. Precise Level Net
Job No. 030102
From B.M. 8-30 To T.B.M. AT TOWER #31
Date 8-6-58
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
	5244		181	1402		5522		179	1381	
	5063		181			5343		176		
	4882		362			5167		355		
5	15.189	5.063		1764		16.032	5.344		1736	
	5531		180			5597		183		
	5351		180			5414		183		
	5171		360			5231		366		
6	16.053	5.351		2124		16.242	5.414		2102	
	5460		181			5793		184		+ 21.112 ✓
	5279		180			5609		182		- 22.794 ✓
	5099		361			5427		366		- 1.682 ✓
7	15.838	5.279		2485		16.829	5.610		2468	
	5513		094			6526		100		T.B.M. (F.C. B.M. NO NUMBER)
	5419		094			6426		099		SAN GABRIEL RIVER & TOWER #31
	5325		188			6327		199		SEE F.B. 1396-24 FOR DESC.
8	16257	5419		2673 ✓		19279	6.426		2667	
		21.112 ✓					22.794 ✓			

SUMMATION OF RUN

DIFF IN ELEV, B.M. 8-30 TO B.M. 30-21 -3.036 ✓
" " " B.M. 30-21 TO T.B.M. AT TOWER #31 -1.682 ✓

F.B. 2431 P.G. 208

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No.: 50010
Notes by: T. OHASHI Time: 7:15 To Rod No.: 15816

Name: L.A. Co. PRECISE LEVEL NET
Job No.: 030102
From: TBM TOWER #31 To: E.H.E.3
Date: 8-6-58
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
	6474		099			5463		095		T.B.M. (F.C.B.M. No NUMBER)
	6375		098			5368		095		SAN GABRIEL RIVER & TOWER #31
	6277		197			5273		190		SEE F.B. 1396-24 FOR DESC.
1	19126	6.375		197		16.104	5.368		190	
	5754		181			5427		184		TK G. E. DREIER
	5573		180			5243		182		
	5393		361			5061		366		
2	16.720	5.573		558		15.731	5.244		556	
	5605		181			5540		180		+22.321
	5424		181			5361		179		-20.951
	5243		362			5187		359		+1.370
3	16272	5.424		920		16.099	5.366		918	
	5327		178			5054		181		B.M. 30-21 (F.C. 73-92)
	5149		178			4873		180		SAN GABRIEL RIVER & TOWER #32
	4971		356			4693		361		SEE F.B. 1396-24 FOR DESC.
4	15447	5.149		1276		14.620	4.873		1276	
		22.521					20.851			

F.B. 2431 P.G. 209

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No.: 50010
Notes by: T. OHASHI Time: 7:15 TO 10:00 Rod No.: 15816

Name: L.A.Co. PRECISE LEVEL NET
Job No.: 030102
From: B.M. TOWER #31 To: B.M. 8-30
Date: 8-6-53
Indexed: A. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6033		145	1276		5238		155	1276	
	5888		142			5083		152		
	5746		287			4931		307		
5	17.667	5.889		1563		15.252	5.084		1583	
	5604		177			4893		185		
	5427		176			4708		185		
	5251		353			4523		370		
6	16.282	5.427		1916		14.124	4.708		1953	
	5839		181			5240		183		+ 22.433
	5658		180			5057		185		− 19.393
	5478		361			4872		368		+ 3.040
7	16.975	5.658		2277		15.169	5.056		2321	
	5644		186			4728		182		B.M. 8-30 (F.C. 73-33T)
	5458		182			4546		185		SPRING ST & SAN GABIEL RIVER
	5276		368			4361		367		SEE F.B. 1209-27 FOR DESC.
8	16.378	5.459		2645		13.635	4.545		2628	
		22.433					19.393			
						DIFF. IN ELEV.		F.B.M. AT TOWER #31		SUMMATION OF RUN
						" "	"	B.M. 30-21		TO B.M. 30-21 + 1.670
										TO B.M. 8-30 + 3.040

F.B. 2431 P.G. 210

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN - SPAT CLOUDS Inst. No. 50010
Notes by T. OHASHI Time 9:00 TO 9:20 Rod No. 15 & 16

Name L. A. Co. PRECISE LEVEL NET
Job No. 030102
From B.M. TOWER #31 To B.M. 30-21
Date 8-7-58
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
	6441		092			5443		103		T.B.M. (F.C. B.M. NO NUMBER)
	6349		091			5340		102		SAN GABRIEL RIVER TOWER #31
	6258		183			5238		205		SEE F.B. 1396-24 FOR DESC.
1.	19048	6.349		183		16021	5.340		205	
	5568		190			5242		174		
	5378		189			5068		175		
	5189		379			4893		349		
2.	16135	5.378		562		15203	5.068		554	
	5541		170			5480		190		+22.191
	5371		172			5290		190		-20.511
	5199		342			5100		380		+1.680
3	16111	5.370		904		15870	5.290		934	
	5267		174			5001		189		B.M. 30-21 (F.C. 73-9C)
	5093		171			4812		185		SAN GABRIEL RIVER TOWER #32
	4922		345			4627		374		SEE F.B. 1394-24 FOR DESC.
4.	15282	5.094		1249		14440	4.813		1208	
		22.191					20.511			
										SUMMATION OF RUN
						DIFF IN ELEV. T.B.M. TOWER #31 TO B.M. 30-21				+1.680

F.B. 2431 P.G. 211

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 2431 P.G. 212										

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO Rod No. 15 & 16

Name L. A. CO. PRECISE LEVELING
Job No. 0301.02
From T.B.M. TOWER #31 To B.M. 30-19
Date 8-7-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.534		184		#15	4.843		178		T.B.M.
	5.350		181			4.665		178		SAN GABRIEL RIVER & TOWER #31
	5.169		365			4.487		356		SEE F.B. 1396-24 FOR DESC.
1	16.053	5.351		.365	84°	13.995	4.665		.356	
	4.860		181			4.813		181		
	4.679		181			4.632		179		T. DASH
	4.498		362			4.453		360		
2	14.037	4.679		.727		13.898	4.633		.716	
	5.153		184			4.821		183		
	4.999		181			4.638		180		
	4.818		365			4.458		363		+ 19.522
3	15.000	5.000		1.092		13.917	4.639		1.079	- 18.558
	4.597		106			4.729		109		+ 0.964
	4.491		103			4.620		106		
	4.388		209			4.514		215		
4	13.476	4.492		1.301		13.863	4.621		1.294	
		19.522					18.558		1.301	B.M. 30-20 F.C.B.M. 73-8C, 1932
									2.595	SAN GAB. RIVER & TOWER #30
										SEE F.B. 1396-22 FOR DESC.

F.B. 2431 PG. 213

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No 50010
Notes by G. E. DREIER Time 10:00 T.O. Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. TOWER #3 To B.M. 30-19
Date 8-7-58
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
	4579		186	1301		5.005		179	1.294	
	4.393		185			4.826		178		
	4.208		371			4648		357		
5	13180	4.393		1.672		14.479	4.826		1.651	
	4640		180			5.314		184		
	4.460		179			5.130		180		
	4.281		359			4950		364		
6	13381	4.460		2.031		15.393	5.131		2.015	
	4728		141			5029		156		+ 18.203
	4.587		140			4.873		152		-19.992
	4.447		281			4.721		308		- 1.789
7	13762	4.587		2.312		14.623	4.874		2.323	
	4833		070			5.228		068		
	4763		071			5.160		066		B.M. 30-19 (F.C. B.M. 73-7C)
	4692		141			5094		134		SAN GABRIEL RIVER & TOWER #29
8	14288	4.763		2.453		15482	5.161		2.457	SEE F.B. 1396-22 FOR DESC.
		18.203					19.992		2453	
									4910	

F.B. 2431 P.G. 214

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN-BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 3:15 TO 3:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NO.
Job No. 0301.02
From BM 30-19 To T.B.M. AT TOWER #31
Date 8-7-58
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
	5135		070		#15	4737		069		BM. 30-19 (F.C.B.M 73-7C RESET 1930)
	5.065		069			4.668		068		SAN GABRIEL RIVER, & TOWER No. 29
	4.996		139			4600		137		SEE F.B. 1396-22 FOR DESC.
1	15.196	5.065		139	78°	14005	4.668		.137	
	5.252		148			4.969		147		
	5.104		147			4.822		147		π T. OHASHI
	4.957		295			4.675		294		
2	15.313	5.104		.434		14.466	4.822		.431	
	5.804		176			5142		182		
	5.628		177			4.960		184		
	5.451		353			4.776		366		
3	16.883	5.628		.787		14.878	4.959		.797	
	5129		180			4.706		184		+ 20.747 ✓
	4.949		176			4522		184		- 18.971 ✓
	4.773		356			4.338		368		+ 1.776 ✓
4	14.851	4.950		1.143 ✓		13566	4.522		1.165 ✓	
		20.747 ✓					18.971 ✓			BM. 30-20 (F.C.B.M 73-8C 1930)
										SAN GABRIEL RIVER & TOWER #30
										SEE F.B. 1396-22 FOR DESC.

F.B. 2431 P.G. 215

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCAT. CLOUDS BREEZE Inst. No. 5001 0
Notes by G. E. DREIER Time 2:20 TO Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 30-19 To T.B.M. AT TOWER #31
Date 8-11-58
Indexed A. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.019		107	1.143	#15	4.887		102	1.165	
	4.912		105			4.785		104		
	4.807		212			4.681		206		
5	14.738	4.913		1.355	85°	14.353	4.784		1.371	
	5.089		181			5.462		182		
	4.908		180			5.278		185		
	4.728		361			5.093		367		
6	14.725	4.908		1.716		15.831	5.277		1.738	
	5.229		184			5.273		180		+18.748
	5.045		180			5.093		180		-19.725
	4.865		364			4.913		360		-0.977
7	15.139	5.046		2.080		15.279	3.093		2.098	
	4.061		181			4.752		181		
	3.880		178			4.571		181		T.B.M.
	3.702		359			4.390		362		SAN GABRIEL RIVER & TOWER #31
8	11.643	3.881		2.439		13.713	4.571		2.460	SEE F.B. 1396-22 FOR DESC.
		18.748					19.725			
										SUMMATION OF RUN
					DIFF IN	ELEVATION, B.M. 30-19 TO B.M. 30-20				+ 1.776
					"	"	B.M. 30-20 TO T.B.M. AT TOWER #31			

F.B. 2431 P.G. 216

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST & LIGHT BREEZE Inst. No. 50010
Notes by T. OHASHI Time 9:00 TO 9:40 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 030102
From T.B.M. TOWER #31 To B.M. 30-19
Date 8-13-58
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
	5443		183		#5	4743		176		T.B.M.
	5260		184			4567		175		SAN GABRIEL RIVER & TOWER #31
	5076		367			4392		351		SEE F.B. 1396-24 FOR DESC.
1.	15779	5260		367		13702	4567		351	
	5303		184			5247		177		⊼ G. E. DREIER
	5119		182			5070		177		
	4933		370			4893		354		
2.	15355	5118		737		15210	5070		705	
	5391		184			5015		181		
	5207		184			4834		177		
	5023		368			4655		360		
3	15621	5207		1105		14504	4835		1069	
	5024		096			5170		113		+20.513 ✓
	4928		095			5057		114		−19.529 ✓
	4833		191			4943		227		+0.984 ±
4.	14785	4928		1296 ✓		15170	5057		1292 ✓	
		20.513 ✓					19.529 ✓			BM 30-20 (F.C.B.M. 30-20 Reset 1950)
										SAN GABRIEL RIVER & TOWER #35
										SEE F.B. 1396-22 FOR DESC.

F.B. 2431 P.G. 217

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER
Notes by: T. OHASHI
Weather: OVERCAST
Time: 9:00 TO 9:40
Inst. No.: 50010
Rod No.: 15 E 16

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 030102
From: T.B.M. TOWER 3 To: BM 30-19
Date: 8-13-58
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
	4841		191	1296		5252		174	1292	
	4650		189			5078		175		
	4461		380			4903		349		
5.	13952	4.651		1676		15.233	5.078		1641	
	4682		185			5338		175		
	4497		187			5163		172		
	4310		372			4991		347		
6.	13489	4.496		2048		15.492	5.164		1988	
	4963		135			5271		160		+19.060
	4828		135			5111		159		−20.836
	4693		270			4952		319		−1.776
7	14484	4.828		2318		15334	5.111		2307	
	5154		068			5491		068		BM 30-19 (F.C.B.M. 73-R 1950 RESET)
	5086		070			5423		069		SAN GABRIEL RIVER & TOWER #29
	5016		138			5414		137		SEE F.B. 1396-22 FOR DESC.
8.	15256	5.085		2456		16448	5.483		2444	
		19.060					20.836			

F.B. 2431 PG. 218

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 11:30 TO 12:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-19 To T.B.M. TOWER #31
Date 8-13-58
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
	5556		070		#15	5156		068		B.M. 30-19 (F.C.B.M. 73-7C RESET 1950)
	5486		069			5088		068		SAN GABRIEL RIVER & TOWER #29
	5417		139			5020		136		SEE F.B. 1396-22 FOR DESC.
1.	16.459	5.486		139		15.264	5.088		136	
	5482		150			5198		146		⊼ G. E. DREIER
	5332		148			5052		143		
	5184		298			4909		289		
2.	15.998	5.333		437		15.159	5.053		425	
	5753		175			5097		187		
	5578		174			4910		186		
	5404		349			4724		373		
3.	16.735	5.578		786		14.731	4.910		798	
	5522		182			5096		182		+21.737 ✓
	5340		181			4914		182		-19.965 ✓
	5159		363			4732		364		+1.772 ✓
4.	16.021	5.340		1149 ✓		14.742	4.914		1162 ✓	
		21.737 ✓					19.965 ✓			B.M. 30-20 (F.C.B.M. 73-8C 1950)
										SAN GABRIEL RIVER & TOWER #30
										SEE F.B. 1396-22 FOR DESC.

F.B. 2431 P.G. 219

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 11:30 TO 12:00 Rod No. 15 & 16

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 030102
From B.M. 30-19 To T. B.M. TOWER #31
Date 8-13-58
Indexed **A. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5274		164	1149		5146		166	1162	
	5170		163			5040		83		
	5067		207			4957		207		
5.	15511	5170		1356		15123	5041		1371	
	5229		181			5601		182		
	5048		178			5419		183		
	4870		359			5236		365		
6.	15147	5049		1715		16256	5419		1736	
	5492		176			5517		185		
	5316		178			5332		184		
	5138		354			5178		369		
7.	15946	5315		2069		16087	5362		2105	
	4666		177			5364		183		+20.023 ✓
	4489		177			5181		184		-21.003 ✓
	4312		354			4997		367		-0.980 ✓
8.	13467	4489		2423 ✓		15542	5181		2472 ✓	
		20.023 ✓					21.003 ✓			T. B. M. SAN GABRIEL RIVER & TOWER 31 SEE F.B 1396-22 FOR DESC.

F.B. 2431 PG. 22D

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN-HAZE Inst. No. 50010
Notes by T. OHASHI Time 11:45 TO 2:20 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL #1
Job No. 030102
From B.M. 30-19 To F.C. 73-5C
Date 8-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5513	10.662	234	3298		7712	10.275	235	3298	
	5279		232			7477		235		+ 15.942
	5047		467			7242		470		− 17.752
10.	15840	5.280		3765		22431	7477		3768	− 1.810
		15.942					17.752		3765	
									7533	T.B.M. (F.C.B.M. 73-17
										SAN GABRIEL RIVER & TOWER #26
										SEE F.B. 1396-20 FOR DESC.
	6382		183			6678		182		
	6199		182			6496		182		
	6017		365			6314		367		
11	18598	6.199		4130		19285	6.495		4135	+ 16.763
	5748		185			5667		184		− 17.488
	5563		113			5483		181		− 0.725
	5380		368			5302		365		
12	16691	5.564		4498		16952	5.484		4500	
	5217		218			5723		214		T.B.M. (F.C.B.M. 73-5C)
	4999		216			5509		214		SAN GABRIEL RIVER & TOWER #25
	4783		434			5295		428		SEE F.B. 1396-20 FOR DESC.
13	14999	5.000		4932		16527	5509		4928	
		16.763					17.488		4932	
									9860	

F.B. 2431 P.G. 223

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: SUN - HAZE Inst. No.: 50010
Notes by: T. OHASHI Time: 2:20 P.M. Rod No.: 15 & 16

Name: L.A. Co. PRECISE LEVEL NET
Job No.: 090102
From: F.C. 73-5C To: B.M. 30-19
Date: 8-7-58
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5698		215			5196		217		T.B.M. (F.C.B.M. 73-5C)
	5483		212			4979		216		SAN GABRIEL RIVER & TOWER #35
	5271		427			4763		433		SEE F.B. 1396-20 FOR DESC.
1	16.452	5.484		427		14.938	4.979		433	
	5383		186			5468		185		
	5203		181			5283		185		
	5022		361			5100		370 68		G.E. DREIER
2	15.608	5.203		788		15.851	5.284		2.03	
	5913		189			5611		178		
	5724		189			5433		175		+ 16.411
	5535		378			5258		353		− 15.697
3	17.172	5.724		1166		16.302	5.434		1181	+ 0.714
		16.411					15.697			T.B.M. (F.C.B.M. 73-17)
										SAN GABRIEL RIVER & TOWER #26
										SEE F.B. 1396-20 FOR DESC.
F.B. 2431 P.G. 224	7020		233			4821		232		
	6787		235			4589		231		
	6552		468			4358		463		
4	20.359	6.786		1634		13.768	4.589		1617	
		6.786					4.589			

76P526 S & E #379 1-54

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Chief of Party S. E. DREIER Weather SUN-HAZE Inst. No. 50010
Notes by T. OHASHI Time 2:20 TO Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 735 To B.M. 30-19
Date 8-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5352	6786	187	1634		4978	4589	180	1617	
	5165		185			4798		180		
	4980		372			4618		360		
5.	15497	5.166		2006		14.394	4.798		1977	
	4991		180			6340		196		+16.763
	4811		180			6144		193		-15.532
	4631		360			5951		389		+1.231
6.	14.433	4.811		2366		18.435	6145		2366	(G.E.D. H.G. HIT WRONG MON.)
		16.763					15.532			~~B.M. 30-18 (F.C. B.M. 73-6)~~ SAN GABRIEL RIVER & TOWER #27 SEE F.B. 1396-22 FOR DESC.
	3425		141			5369		149		
	3284		141			5220		149		
	3143		282			5071		298		
7.	9852	3284		2648		15.660	5.220		2664	
	5752		185			6273		182		
	5567		185			6091		183		
	5382		370			5908		365		
8	16.701	5.567		3018		18.272	6.091		3029	
		8.851					11311			

F.B. 2431 P.G. 225

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREYER Weather: SUN - HAZE Inst. No.: 50010
Notes by: T. OHASHI Time: 2:20 TO Rod No.: 15 & 16

Name: L.A. Co. PRECISE LEVEL NET
Job No.: 030102
From: F.C. 73-5 C To: B.M. 30-19
Date: 8-7-58
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
	6260	8851	185	3018		5652	[illegible]	180	3031 29	
	6075		184			5472		179		
	5891		369			5293		359		+ 20.293
9.	18226	6075		3387		16417	5472		3390 88	− 22.697
	5546		179			6097		185		(N.G → 2.404)
	5367		179			5913		182		
	5188		358			5731		366		
10	16101	5367		3745		17741	5914		3758 4	
		20.293					22.697			T.B.M. SAN GABRIEL RIVER TOWER #28 SEE F.B. 1396-22 FOR DESC.
	5882		226			5088		218		
	5656		224			4870		217		
	5431		451			4653		435		
11	16969	5656		4196		14611	4870		4193 89	
	5563		181			5653		180		
	5382		180			5473		182		
	5202		361			5291		362		
12	16147	5382		4557		16417	5472		4555 1	
		11.038					10.342			

F.B. 2431 P.G. 226

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN - HAZE Inst. No. 50010
Notes by T. OHASHI Time 2:20 TO 3:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From FC. 73-5C To B.M. 30-19
Date 8-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5768	11.038	187	4557		5409	10.342	180	4558	B.M. 30-19 (F.C.B.M 73-7C RESET 1956)
	5581		187			5229		180		SAN GABRIEL RIVER & TOWER #29
	5394		374			5049		360		SEE F.B. 1396-22 FOR DESC.
13	16.743	5.581		4.931		15.687	5.229		4.918	
		16.619					15.571			+16.6[illegible]
										-15.5[illegible]
										+1.048

F.B. 2431 P.G. 227

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] 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. 2431 P.G. 228

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 9:40 TO 10:35 Rod No. 15516

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-19 To F.C.B.M. 73-SC
Date 8-13-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5203		178			5562		188		B.M. 30-19
	5025		178			5374		185		SAN GABRIEL RIVER & TOWER #29
	4897		356			5189		373		SEE F.B. 1396-22 FOR DESC.
1	15.075	5.025		356		16.125	5.375		373	
	5507		186			5411		178		T. G. E. DREIER
	5321		182			5233		176		
	5139		368			5057		354		
2.	15.967	5.322		724		15.701	5.234		727	
	4897		217			5694		227		+ 15.028
	4680		213			5467		228		- 16.076
	4467		430			5239		455		- 1.048
3	14.044	4.681		1154		16.400	5467		1482	
		15.028					16.076			T.B.M.
										SAN GABRIEL RIVER & TOWER #28
										SEE F.B. 1396-22 FOR DESC.
	5878		184			5322		179		
	5694		183			5143		176		
	5511		367			4967		355		
4.	17083	5694		1521		15432	5144		1537	

F.B. 2431 PG. 229

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No. 50010
Notes by: T. OHASHI Time: 7-40 TO 10:35 Rod No. 15516

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 30-19 To: F.C.B.M. 73-5C
Date: 8-13-58
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5283	5.694	181	15217		5591	5.144	183	15337	
	5102		182			5408		183		
	4920		363			5225		366		
5.	15305	5.102		1884		17124	5.708		1903	
	5597		183			5078		189		
	5414		179			4889		186		
	5235		362			4703		375		
6.	16246	5.415		2246		14670	4.890		2278	
	5302		155			2781		143		
	5147		155			2638		145		
	4992		310			2493		288		
7.	15441	5.147		2556		7912	2.637		2566	
		21.358					18.379			B.M. 30-18 (F.C.B.M. 73-6C)
										SAN GABRIEL RIVER & TOWER 27
										SEE F.B. 1396-22 FOR DESC.
F.B. 2431 P.G. 230	6300		185			5540		181		
	6115		184			5359		182		
	5931		369			5177		363		
8.	18346	6.115		2925		16076	5.359		2929	

+ 21.358
- 18.379
+ 2.979

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SCAT'CLOUDS Inst. No. 50010
Notes by T. OHASHI Time 9:40 TO 10:35 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-19 To T.B.M. (73-5C)
Date 8-13-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5088	6.115	182	2.925		5459	5.359	184	2.929	+16.314
	4906		179			5275		184		-18.122
	4727		361			5091		368		-1.808
9	14721	4.907		3.286		15825	5.275		3.297	
	5526		235			7723		235		T.B.M. (F.C. BM. 73-17)
	5291		232			7488		235		SAN GABRIEL RIVER & TOWER #26
	5059		467			7253		470		SEE F.B. 1396-20 FOR DESC.
10	15876	5.292		3.753		22.464	7.488		3.767	
	5925	16.314	183			6222	18.122	187		
	5742		182			6035		184		
	5560		365			5851		371		
11	17.227	5.742		4.118		18.108	6.036		4.138	
	5803		184			5721		181		+16.453
	5619		182			5540		180		-17.169
	5437		366			5360		361		-0.716
12	16859	5.620		4.484		16621	5.540		4.499	
	5295		204			5818		226		T.B.M. (F.C. B.M. 73-5C)
	5091		203			5592		223		SAN GABRIEL RIVER & TOWER #25
	4888		407			5369		449		SEE F.B. 1396-20 FOR DESC.
13	15.274	5.091		4.891		16.779	5.593		4.948	
		16.453					17.169			

F.B. 2431 P.G. 231

76P526 S & E #379 1-54

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 10:35 to 12:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From T.B.M. 73-5C To B.M. 30-19
Date 8-13-58
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
	5825		227		4/5	5298		205		T.B.M. (F.C.B.M. 73-5C)
	5598		227			5093		202		SAN GABRIEL RIVER & TOWER #5
	5371		454			4891		207		SEE F.B 1396-20 FOR DESC
1.	16794	5.598		454		15282	5.094		407	
	5669		181			5750		183		⊼ G.E. DREIER
	5488		180			5567		184		
	5308		361			5383		367		
2.	16465	5.488		815		16700	5.567		774	
	6641		178			6361		190		
	6463		175			6171		189		+ 17.550
	6288		353			5982		379		− 16.832
3.	19392	6.464		1168		18514	6.171		1153	+ 0.718
		17.550					16.832			T.B.M. (F.C.B.M. 73-17)
										SAN GABRIEL RIVER & TOWER #6
										SEE F.B. 1396-20 FOR DESC.
F.B. 2431 P.G. 232	7717		234			5519		236		
	7483		233			5283		234		
	7250		467			5049		470		
4.	22450	7.483		1635		15851	5.284		1623	

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50012
Notes by T. OHASHI Time 1035 To 12:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From T.B.M. 73-5C To B.M. 30-19
Date 8-13-58
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
	5559	7483	182	1635		5191	5284	183	1623	
	5377		184			5008		182		
	5193		366			4826		365		
5.	16129	5376		2001		15025	5008		1988	
	5582		179			6348		188		+18.262
	5403		178			6160		185		-16.453
	5225		357			5975		373		+1.809
6.	16210	5403		2358		18483	6161		2361	
		18.262					16.453			B.M. 30-18 (F.C.B.M. 73-6)
										SAN GABRIEL RIVER TOWER 27
										SEE F.B. 1396-22 FOR DESC.
	2868		148			5383		151		
	2720		148			5232		149		
	2572		296			5083		300		
7.	8160	2720		2654		15698	5233		2661	
	5268		188			5782		180		
	5080		187			5602		180		
	4893		375			5422		360		
8.	15241	5080		3029		16806	5602		3021	
		7.800					10.835			

F.B. 2431 P.G. 233

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 10:35 TO 12:00 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. 73-5C To B.M. 30-19
Date 8-13-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6010	7.800	182	3029		5405	10.835	183	3327	
	5828		181			5222		183		+ 19.006
	5647		363			5039		366		− 21.984
9.	17485	5.828		3392		15.666	5.222		3387	− 2.978
	5553		175			6113		186		
	5378		176			5927		187		T. B. M.
	5202		351			5740		373		SAN GABRIEL RIVER & TOWER #28
10.	16133	5.378		3743		17.780	5.927		3760	SEE F.B. 1396-22 FOR DESC.
	5678	19.006	227			4881	21.984	213		
	5451		224			4668		215		
	5227		451			4453		428		
11	16.356	5.452		4194		14.002	4.667		4188	
	5479		176			5577		185		+ 16.163
	5303		175			5392		185		− 15.119
	5128		351			5207		370		+ 1.044
12.	15.910	5303		4545		16.176	5.392		4558	
	5599		191			5237		177		B.M. 30-19 (F.C.B.M. 73-7C) (1950)
	5408		191			5060		177		SAN GABRIEL RIVER & TOWER #29
	5217		382			4883		354		SEE F.B. 1396-22 FOR DESC.
13.	16.224	5.408		4927		15.180	5.060		4912	
		16163					15.119			

F.B. 2431 P.G. 234

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN-B BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 11:25 TO 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C. 73-5C To F.C.B.M. 73-5
Date 8-11-58
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
	5219		184		#15	5.849		182		T.B.M. (F.C.B.M. 73-5C)
	5.035		184			5.667		180		SAN GABRIEL RIVER & TOWER #25
	4.851		363			5.487		362		SEE F.B. 1396-20 FOR DESC
1	15,105	5.035		.368	78°	17.003	5.668		.362	
	4.620		182			5.809		188		↑ T. OHASHI
	4.438		183			5.621		184		
	4.255		365			5.437		372		
2	13.313	4.438		.733		16.867	5.622		734	
	5.427		204			7.888		211		+14.697
	5.223		200			7.677		210		-18.967
	5.023		404			7.467		421		-4.270
3	15673	5.224		1.137		23.832	7.677		1.155	
		14.697					18.967		1.137	T.B.M. F.C.B.M. 73-7
									2.292	SAN GABRIEL RIVER & TOWER #24
										SEE F.B. 1396-20 FOR DESC.
	7200		180			6.279		187		
	7.020		180			6.092		184		
	6.840		360			5.908		371		
4	21.060	7.020		1.497		18.279	6.093		1.526	

F.B. 2431 P.G. 235

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY - BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 11:25 TO 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 73-5C To F.C.B.M. 73-5
Date 8-11-58
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
	4.629	7.020	173	1.497		5.208	6.093	189	1.526	
	4.456		176			5.019		188		+ 15.880
	4.280		349			4.831		377		- 15.377
5	13.365	4.455		1.846		15.058	5.019		1.903	+ 0.503
	4.637		232			4.464		199		
	4.405		231			4.265		200		B.M. 30-17 (F.C.B.M. 73-4C)
	4.174		463			4.065		399		SAN GABRIEL RIVER & TOWER # 23
6	13.216	4.405		2.309		12.794	4.265		2.302	SEE F.B. 1396-20 FOR DESC.
	4.089	15.880	183			5.107	15.377	185	230 4611	
	3.906		183			4.924		182		
	3.723		366			4.742		367		
7	11.718	3.906		2.675		14.775	4.925		2.669	
	4.953		185			5.158		189		+ 13.524
	4.768		186			4.969		187		- 16.004
	4.582		371			4.782		376		- 2.480
8	14.303	4.768		3.046		14.909	4.970		3.045	
	5.051		201			6.307		198		
	4.850		201			6.109		198		T.B.M. (F.C.B.M. 73-5)
	4.649		402			5.911		396		SAN GABRIEL RIVER & TOWER # 22
9	14.550	4.850		3.448		18.327	6.109		3.441	SEE F.B. 1396-18 FOR DESC.
		13.524					16.004		3.448	
									6889	

F.B. 2431 P.G. 236

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50.010
Notes by G. E. DREIER Time 10:00 TO 11:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 73-5 To F.C.B.M. 73-5C
Date 8-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.256		196		#15	5.003		202		T.B.M. (F.C.B.M. 73-5)
	6.060		196			4.801		204		SAN GABRIEL RIVER & TOWER #22
	5.864		392			4.597		406		SEE F.B. 1396-18 FOR DESC.
1	18.180	6.060		.392	82°	14.401	4.800		.406	
	4.901		186			4.688		183		
	4.715		185			4.505		184		T. OHASHI
	4.530		371			4.321		367		
2	14.146	4.715		.763		13.514	4.505		.773	
	4.950		181			3.938		189		+ 15.544
	4.769		180			3.749		185		- 13.055
	4.589		361			3.564		374		+ 2.489
3	14.308	4.769		1.124		11.251	3.750		1.147	
		15.544					13.055			B.M. 30-17 (F.C.B.M. 73-4C)
										SAN GABRIEL RIVER & TOWER #23
										SEE F.B. 1396-20 FOR DESC.
	4.381		207			4.530		224		
	4.174		206			4.306		224		
	3.968		413			4.082		448		
4	12.523	4.174		1.537		12.918	4.306		1.595	

F.B. 2431 P.G. 237

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Hazy Sun-Breeze Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 73-5 To F.C.B.M. 73-5C
Date 8-11-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.503	4.174	195	1.537		4.911	4.306	167	1.595	
	5.308		196			4.744		163		+ 15.468
	5.112		391			4.581		330		- 15.959
5	15.923	5.308		1.928		14.236	4.745		1.925	- 0.491
	6.170		185			7.088		180		
	5.985		183			6.908		180		T.B.M. (F.C.B.M 73-7)
	5.802		368			6.728		360		SAN GABRIEL RIVER & TOWER # 24
6	17.957	5.986		2.296		20.724	6.908		2.285	SEE F.B. 1396-20 FOR DESC.
	7.289	15.468	206			4.830	15.959	201		
	7.083		205			4.629		200		
	6.878		411			4.429		401		
7	21.250	7.083		2.707		13.888	4.629		2.685	
	5.261		185			4.069		186		
	5.076		183			3.883		185		+ 17.817
	4.893		368			3.698		371		- 13.543
8	15.230	5.077		3.075		11.650	3.883		3.056	+ 4.274
	5.846		184			5.215		185		
	5.662		181			5.030		181		T.B.M. (F.C.B.M. 73-5C)
	5.481		365			4.849		366		SAN GABRIEL RIVER & TOWER #25
9	16.989	5.663		3.446		15.094	5.031		3.428	SEE F.B. 1396-20 FOR DESC.
		17.842					13.543			
		23								

F.B. 2431 P.G. 238

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G.E. DREIER Time 2:00 TO 3:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 73-7 To F.C.B.M. 73-5
Date 8-13-58
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
	7.008		181		#15	6.089		185		T.B.M. (F.C.B.M. 73-7)
	6.827		179			5.904		184		SAN GABRIEL RIVER & TOWER #24
	6.648		360			5.720		369		SEE F.B. 1396-20 FOR DESC.
1	20.483	6.828		.360	86°	17.713	5.904		.369	
	4.866		177			5.441		188		T. OHASHI
	4.689		175			5.253		187		
	4.514		352			5.066		375		
2	14.069	4.690		.712		15.760	5.253		.744	+15.925
										-15.435
										+0.490
	4.625		218			4.490		212		
	4.407		218			4.278		213		B.M. 30-17 (F.C.B.M. 73-4C)
	4.189		436			4.065		425		SAN GABRIEL RIVER & TOWER #23
3	13.221	4.407		1.148		12.833	4.278		1.169	SEE F.B. 1396-20 FOR DESC.
		15.925					15.435			
	4.428		185			5.449		182		
	4.243		183			5.267		186		
	4.060		368			5.081		368		
4	12.731	4.244		1.516		15.797	5.266		1.537	

F.B. 2431 P.G. 239

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Chief of Party G. E. DREIER Weather HAZY SUN BREEZE Inst. No. 5 0010
Notes by G.E.DREIER Time 2:00 TO 3:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 73-7 To F.C.B.M. 73-5
Date 8-13-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.010	4.244	183	1.516		5.230	5.266	193	1.537	
	4.827		183			5.037		193		
	4.644		366			4.844		386		+13.834
5	14.481	4.827		1.882		15.111	5.037		1.923	-16.325
	49.69		207			6.219		198		- 2.491
	4.762		204			6.021		195		
	4.558		411			5.826		393		(T.B.M. (F.C. BM. 73-5)
6	14.289	4.763		2.293		18.066	6.022		2.316	SAN GABRIEL RIVER & TOWER #22
		13.834					16.325			SEE F.B. 1396-18 FOR DESC.

F.B. 2431 P.G. 240

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Chief of Party G. E. DREIER Weather HAZY SUN-BREEZE Inst. No NK 142552
Notes by G. E. DREIER Time 10:45 TO 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 73-7 To F.C.B.M. 73-5
Date 8-14-58
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
	7.645		617		#15	6.726		626		T.B.M. (F.C.B.M. 73-7)
	7.028		614			6.100		625		SAN GABRIEL RIVER & TOWER #24
	6.414		1.231			5.475		1.251		SEE F.B. 1396-20 FOR DESC
1	21.087	7.029		1.231	85°	18.301	6.100		1.251	
	5.445		598			6.043		635		T. OHASHI
	4.847		599			5.408		631		
	4.248		1.197			4.777		1.266		
2	14.540	4.847		2.428		16.228	5.409		2.517	
	5.265		740			5.116		729		+16.402
	4.525		738			4.387		731		-15.895
	3.787		1.478			3.656		1.460		+0.507
3	13.577	4.526		3.906		13.159	4.386		3.977	
		16.402					15.895		3.906	
									7.883	B.M. 30-17 (F.C.B.M. 73-4C)
										SAN GABRIEL RIVER & TOWER #23
										SEE F.B. 1396-20 FOR DESC
	4.805		632			5.818		630		
	4.173		630			5.188		628		
	3.543		1.262			4.560		1.258		
4	12.521	4.174		5.168		15.566	5.189		5.235	

F.B. 2431 P.G. 741

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN-BREEZE Inst. No. NR 142552
Notes by G. E. DREIER Time 10:45 TO 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 73-7 To F.C.B.M. 73-5
Date 8-14-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.451	4.174	633	5168		5.658	5.189	639	5235	
	4.818		636			5.019		638		+13.791
	4.182		1269			4.381		1277		-16.266
5	14.451	4.817		6.437		15.058	5.019		6.512	-2.475
	5.518		718			6.717		659		
	4.800		717			6.058		658		T.B.M. (F.C.B.M. 73-5)
	4.083		1435			5.400		1317		SAN GABRIEL RIVER & TOWER #22
6	14.401	4.800		7.872		18.175	6.058		7.829	SEE F.B. 1396-18 FOR DESC.
		13.791					16.266			

F.B. 2431 P.G. 242

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN-BREEZE Inst. No NK 142552
Notes by G. E. DREIER Time 10:25 To 10:40 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From F.C.B.M. 73-5 To F.C.B.M. 73-7
Date 8-14-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.748		671			5.512		693		T.B.M. (F.C.B.M. 73-5)
	6.077		670			4.819		694		SAN GABRIEL RIVER & TOWER # 22
	5.407		1.341			4.125		1.387		SEE F.B. 1396-18 FOR DESC.
1	18.232	6.077		1.341	82°	14.456	4.819		1.387	
	5.736		648			5.499		613		
	5.088		649			4.886		614		AT T. OHASHI
	4.439		1.297			4.272		1.227		
2	15.263	5.088		2.638		14.657	4.886		2.614	
	5.695		618			4.695		634		+ 16.242 ✓
	5.077		619			4.061		634		− 13.766 ✓
	4.458		1.237			3.427		1.268		+ 2.476 ✓
3	15.230	5.077		3.875		12.183	4.061		3.882	
		16.242 ✓					13.766 ✓			B.M. 30-17 F.C.B.M. 73-4C
										SAN GABRIEL RIVER & TOWER # 23
										SEE F.B. 1396-20 FOR DESC.
	5.089		730			5.237		739		
	4.359		731			4.498		738		
	3.628		1.461			3.760		1.477		
4	13.076	4.359		5.336 ✓		13.495	4.498		5.359 ✓	

F.B. 2431 P.G. 343

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN BREEZE Inst. No. N-142552
Notes by " G.E. DREIER Time 10:25 TO 10:40 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 73-5 To F.C.B.M. 73-7
Date 8-14-58 [redacted]
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
	5.619	4.359	641	5.336		5.019	4.415	604	3.359	
	4.978		643			4.415		604		
	4.335		1.284			3.811		1.208		
5	14.932	4.977		6.620		13.245	4.415		6.567	
	6.747		612			7.691		628		+15.471
	6.135		613			7.063		629		-15.976
	5.522		1.225			6.434		1.257		-0.505
6	18.404	6.135		7.845		21.188	7.063		7.824	
		15.471					15.976			T.B.M. (F.C.B.M. 73-7)
										SAN GABRIEL RIVER E TOWER -24
										SEE F.B. 1396 FOR DESC.

F.B. 2431 P.G. 244

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN - BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 10.30 To 11.20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 73-5 To F.C.B.M. 73-18
Date 8-8-58
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
	5768		183			5.074		185		T.B.M. F.C.B.M. 73-5
	5.585		179			4.889		182		SAN GABRIEL RIVER & TOWER #21
	5.406		362			4.707		367		SEE F.B. 1396-18 FOR DESC.
1	16.759	5.586		.362		14.670	4.890		.367	
	4713		184			4.743		185		
	4.529		181			4.558		185		T. OHASHI
	4348		365			4.373		370		
2	13.590	4.530		.727		13.674	4.558		737	
	4.769		226			3.730		221		+ 14.658
	4.543		228			3.509		222		- 12.957
	4.315		454			3.287		443		+ 1.701
3	13.627	4.542		1.181		10.526	3.509		1.180	
		14.658					12.957		1181 / 2361	B.M. 30-16
										SAN GABRIEL RIVER & TOWER #21
										SEE F.B. 1396-18 FOR DESC.
	3.707		179			5.488		190		
	3.528		179			5.298		188		
	3.349		1.358			5.110		378		
4	10.584	3.528		1.539		15.896	5.299		1.558	

F.B. 2431 P.G. 245

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 73-5 To F.C.B.M. 73-18
Date 8-8-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.930	3.528	186	1.539		5.309	5.299	181	1.558	
	4.744		182			5.128		181		+12.971
	4.562		368			4.947		362		-15.803
5	14.236	4.745		1.907		15.384	5.128		1.920	-2.832
	4.906		207			5.586		211		
	4.699		209			5.375		208		T.B.M. (F.C.B.M. 73-18)
	4.490		416			5.167		419		SAN GABRIEL RIVER & TOWER # 20
6	14.095	4.698		2.323		16.128	5.376		2.439	SEE F.B. 1396-18 FOR DESC.
		12.971					15.803		2.323	
									4.662	
						SUMMATION OF RUN				
						DIFF. IN ELEV., F.C.B.M. 73-5 TO B.M. 30-16				+ 1.701
						" " " B.M. 30-16 TO F.C.B.M. 73-18				- 2.832

F.B. 2431 P.G. 246

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 73-18 To F.C.B.M. 73-5
Date 8-8-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.473		212		#15	4.789		207		T.B.M. (F.C.B.M. 73-18)
	5.261		212			4.582		207		SAN GABRIEL RIVER & TOWER #20
	5.049		424			4.375		414		SEE F.B. 1396-18 FOR DESC.
1	15.783	5.261		.424	76°	13.746	4.582		.414	
	5.303		185			4.918		183		
	5.118		186			4.735		179		↑ T. OHASHI
	4.932		371			4.556		362		
2	15.353	5.118		.795		14.209	4.736		.776	
	5.341		181			3.582		188		+15.540
	5.160		179			3.394		186		-12.713
	4.981		360			3.208		374		+ 2.827
3	15.482	5.161		1.155		10.184	3.395		1.150	
		15.540					12.713			B.M. 30-16 (F.C.B.M. 73-3C)
										SAN GABRIEL RIVER & TOWER #21
										SEE F.B. 1396-18 FOR DESC.
	3.871		223			4.914		229		
	3.648		219			4.685		231		
	3.429		442			4.454		460		
4	10.948	3.649		1.597		14.053	4.684		1.610	

F.B. 2431 P.G. 247

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030702
From F.C.B.M. 73-18 To F.C.B.M. 73-5
Date 8-8-58
Indexed L. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.822	3.649	187	1.597		4.794	4.684	181	1.610	
	4.635		187			4.613		180		
	4.448		374			4.433		361		
5	13.905	4.635		1.971		13.840	4.613		1.971	
	5.041		182			5.738		181		+13.142
	4.859		184			5.557		184		-14.853
	4.675		366			5.373		365		-1.711
6	14.575	4.858		2.337		16.668	5.556		2.336	
		13.142					14.853			T.B.M. (F.C.B.M. 73-5) SAN GABRIEL RIVER & TOWER # 22 SEE F.B. 1396-18
					DIFF IN ELEV,		SUMMATION OF RUN			F.C.B.M. 73-18 TO B.M. 30-18 +2.827
					" " "					B.M. 30-18 TO F.C.B.M. 73-5 -1.711

F.B. 2431 P.G. 248

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN-BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 3:00 To 3:35 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From F.C.B.M. 73-5 To B.M. 30-16
Date 8-13-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5649		182		#15	4.960		184		T.B.M. (F.C.B.M. 72-5)
	5.467		181			4.776		186		SAN GABRIEL RIVER & TOWER #22
	5.286		363			4.590		370		SEE F.B. 1396-18
1	16.402	5.467		363	80°	14.326	4.775		.370	
	4.879		191			4.892		183		T. OHASHI
	4.688		188			4.709		180		
	4.500		379			4.529		363		
2	14.067	4.689		.742		14.130	4.710		.733	
	5.040		231			4.060		220		+ 14.965
	4.809		230			3.780		222		− 13.264
	4.579		461			3.558		442		+ 1.701
3	14.428	4.809		1.203		11.338	3.779		1.175	
		14.965					13.264			B.M. 30-16 (F.C. 73-3C)
										SAN GABRIEL RIVER & TOWER #21
										SEE F.B. 1396-18 FOR DESC.

F.B. 2431 P.G. 249

76P526 S & E #379 1-54

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

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

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

F.B. 2431 P.G. 250

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN-BREEZE Inst. No NR 142552
Notes by G. E DREIER Time 11:00 TO 11:20 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From F.C.B.M. 73-5 To F.C.B.M. 73-18
Date 8-14-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.063		622		#15	5.365		627		T.B.M. (F.C.B.M. 73-5)
	5.441		622			4.738		626		SAN GABRIEL RIVER & TOWER #22
	4.819		1.244			4.112		1.253		SEE F.B. 1396-18 FOR DESC.
1	16.323	5.441		1.244	84°	14.215	4.738		1.253	
	5.043		627			5.072		635		
	4.416		628			4.437		636		⊼ T. 04 A S.M.
	3.788		1.255			3.801		1.271		
2	13.247	4.416		2.499		13.310	4.437		2.524	
	5.338		791			4.253		748		+14.404 ✓
	4.547		791			3.505		747		-12.680 ✓
	3.756		1.582			2.758		1.495		+1.724 ✓
3	13.641	4.547 ✓		4.081		10.516	3.505		4.019	
		14.404					12.680 ✓			B.M. 30-16 (F.C.B.M. 73-3C)
										SAN GABRIEL RIVER & TOWER #21
										SEE F.B. 1396-18 FOR DESC.
	4.368		625			6.140		631		
	3.743		626			5.509		635		
	3.117		1.251			4.874		1.266		
4	11.228	3.743 ✓		5.332 ✓		16.523	5.508 ✓		5.285 ✓	

F.B. 2431 PG. 251

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No Nr. 142552
Notes by G. E DREIER Time 11:00 TO 11:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From F.C.B.M. 73-5 To F.C.B.M. 73-18
Date 8-14-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.562	3.743	633	5.332		5.935	5.508	630	5.285	
	4.929		633			5.305		631		+ 13.682
	4.296		1266			4.674		1261		- 16.501
5	14.787	4.929		6.598		15.914	5.305		6.546	- 2.819
	5.719		710			6.411		723		
	5.009		706			5.688		723		T.B.M. (F.C.B.M. 73-18)
	4.303		1.416			4.965		1446		CAN GABRIEL RIVER & TOWER #20
6	15.031	5.010		8.014		17.064	5.688		7.992	SEE F.B. 1396-18 FOR DESC
		13.682					16.501			

F.B. 2431 P.G. 252

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Sun - Hazy Inst. No. N-142552
Notes by G.E. DREIER Time 10:00 TO 10:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From F.C.B.M 73-18 To F.C.B.M. 73-5
Date 8-14-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.189		710		#15	5.519		717		T.B.M. (F.C.B.M 73-18)
	5.479		709			4.802		716		SAN GABRIEL RIVER & TOWER #20
	4.770		1.419			4.086		1.433		SEE F.B. 1396-18
1.	16.438	5.479		1.419	88°	14.407	4.802		1.433	
	5.550		616			5.195		637		
	4.934		614			4.558		637		↑ T. OHASHI
	4.320		1.230			3.921		1.274		
2.	14.804	4.935		2.649		13.674	4.558		2.707	
	5.904		635		? →	5.120		614		+15.684 ✓
	5.269		633			3.506		617		-12.865 ✓
	4.636		1.268			2.889		1.231		+2.819 ✓
3.	15.809	5.270		3.917	? →	11.515	3.505		3.938	
		15.684 ✓				12.865 ✓				B.M. 30-16 (F.C.B.M. 73-3C)
										SAN GABRIEL RIVER & TOWER #21
										SEE F.B. 1396-18 FOR DESC.
	4.203		775			5.231		764		
	3.428		776			4.467		760		
	2.652		1.551			3.707		1.524		
4	10.283	3.428		5.468		13.405	4.468		5.462	

F.B. 2431 P.G. 253

[redacted]

NE

73-5

Date 8-14-58

Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	Rod and Temp.	FORE[redacted] Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5418	3.428	638	5.468		5.375	4.468	617	6.462	
	4.780		639			4.758		617		
	4.141		1.277			4.141		1234		
5	14.339	4.780		6.745		14.274	4.758		6.696	
	5435		616			6.151		631		+13.026
	4.819		618			5.520		633		-14.745
	4.201		1.234			4.887		1.264		-1.719
6	14.455	4.818		7.979		16.558	5.519		7.960	
		13.026					14.745			T.B.M. (F.C.B.M. 73-5) SAN GABRIEL RIVER & TOWER #22 SEE F.B. 1396-18 FOR DESC.

F.B. 2431 P.G. 254