F.B. 2404 P.G. 5

JOB No. 0301.02

L.A.Co. PRECISE LEVEL NET

RERUN OF PORTIONS LINE No. 11, 16 AND 38

CONTINUED FROM F.B. 2403
CONTINUED IN F.B. 2405

DREIER
MOODY
OHASHI
MELENDEZ
DOVER

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

DESCRIPTION AND REMARKS

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

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

Microfilmed April '86

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 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. 2407 P.G. 6

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 SCATTERED CLOUDS Inst. No. 50010
Notes by G.E. DREIER Time 10:30 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-17 To B.M. 11-18
Date 5-7-56
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
	6.811		093		#11	4.798		101		B.M. 11-17 (AZUSA E-88)
	6.719		090			4.697		100		HUNTINGTON DR. AT HO. # 2005
	6.629		183			4.597		201		SEE F.B. 1376-19 FOR DESC
1	20159	6.720		183		14092	4.697		.201	
	5.968		189			3.993		185		
	5.779		187			3.808		183		T. J. MOODY
	5.592		376			3.625		368		
2	17339	5.780		.559		11.426	3.809		.569	
	7.669		192			4.721		190		
	7.477		194			4.531		190		
	7.283		386			4.341		380		
3	22429	7.476		.944		13593	4.531		.949	
	6.127		156			3.688		160		
	5.971		155			3.528		157		
	5.816		311			3.371		317		
4	17914	5.971		1.255		10587	3.529		1.266	
	6.578		190			4.182		188		
	6.388		186			3.994		187		
	6.202		376			3.807		375		
5	19168	6.389		1.633		11983	3.994		1.641	
		32336					20560			

F.B. 2101 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. DREIER Weather: SCATTERED CLOUDS Inst. No. 50010
Notes by: G. E. DREIER Time: 10:30 TO 11:30 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 11-17 To: B.M. 11-18
Date: 5-7-56
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
	6.950	32.336	189	1.632		3.578	20.560	190	1.641	
	6.761		189			3.388		190		
	6.572		378			3.198		380		
6	20.283	6.761		2.010		10.164	3.388		2.021	
	7.318		189			4.027		185		
	7.129		187			3.842		187		
	6.942		376			3.655		372		
7	21.389	7.130		2.388		11.524	3.841		2.393	
	6.846		188			3.737		190		
	6.658		185			3.547		188		
	6.473		373			3.359		378		
8	19.977	6.659		2.759		10.643	3.548		2.771	
	7.427		180			5.819		184		
	7.247		179			5.635		180		
	7.068		359			5.455		364		
9	21.742	7.247		3.118		16.909	5.636		3.135	B.M. 11-18 (AZUSA F-8) HUNTINGTON DR. OPPOSITE HO. 2318 SEE F.B. 1376-20 FOR DESC.
									3.118 6.253 = 0.40mi.	SUMMATION OF RUN B.M. 11-17 TO B.M. 11-18
		60.133					36.973			TOTAL BACKSIGHTS +60.133 TOTAL FORESIGHTS −36.973 DIFF IN ELEVATION +23.160

F.B. 2404 PG. 8

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Cloudy Inst. No. 50010
Notes by J. A. Mardy Time 8:50 to 9:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-18 To BM 11-19
Date 5-4-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8286		195		# 11	3823		191		BM 11-18 (AZUSA F-8)
	8091		193			3632		190		foot Hill Bl. No. of House #2318
	7898		388			3442		381		SEE F.B. 1376-20 FOR DESC.
1	24275	8.092		388	58°	10.897	3.632		381	
	7065		193			4683		191		
	6872		192			4492		190		↑ G.E. DREIER
	6680		385			4302		381		
2	20617	6.872		773		13.477	4.492		762	
	6877		198			4561		198		
	6679		198			4363		196		
	6481		396			4167		394		
3	20037	6.679		1.169		13.091	4.364		1.156	
	6981		196			4393		196		
	6785		195			4197		198		
	6590		391			3999		394		
4	20356	6.785		1.560		12.589	4.196		1.550	
	7987		195			3578		201		
	7792		194			3377		200		
	7598		389			3177		401		
5	23377	7.792		1.949		10.132	3.377		1.951	
		36.220					20.061			

F.B. 2104 P.G. 7

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Cloudy Inst. No. 50010
Notes by J. A. Moody Time 8:50 to 9:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 11-18 To BM 11-19
Date 5-4-56
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
	8001	36220	193	1949		4603	20061	200	1951	
	7808		195			4403		199		
	7613		388			4204		399		
6	23422	7807		2337		13210	4403		2350	
	8387		196			2504		191		
	8191		197			2313		189		
	7994		393			2124		380		
7	24572	8191		2730		6941	2314		2730	
	7323		185			3573		191		
	7138		187			3382		188		
	6951		372			3194		379		
8	21412	7137		3102		10149	3383		3109	
	7541		234			3288		245		BM 11-19 (U.S. 376 5-57 1923)
	7307		235			3043		244		N. OF FOOTHILL BLVD. & FISH CN. RD.
	7072		469			2799		489		SEE F.B. 1376-21 FOR DESC.
9	21920	7307		3571		9130	3043		3598	
								3571		SUMMATION OF RUN
								7169		
								=0.46m		B.M. 11-18 TO B.M. 11-19
										TOTAL BACKSIGHTS +66.662
										TOTAL FORESIGHTS -33.204
		66.662					33.204			DIFF IN ELEVATION +33.458

F.B. 2404 P.G. 10

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 J. MOODY Time 2:10 to 2:45 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-19 To B.M. 11-18
Date 5-4-56
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
	3088		243			7348		234		B.M. 11-19 (U.S.376, S-57 1923)
	2845		243			7114		234		N. OF FOOTHILL BLVD. & FISH CN. RD.
	2602		486			6880		468		SEE F.B. 1376-21 FOR DESC
1	8535	2845		486		21342	7114		468	
	3519		189			7274		187		
	3330		189			7087		186		
	3141		378			6901		373		G. E. DREIER
2	9990	3330		864		21262	7087		841	
	2235		194			8114		194		
	2041		190			7920		194		
	1851		384			7726		388		
3	6127	2042		1248		23760	7920		1229	
	4592		200			7993		195		
	4392		198			7798		193		
	4194		398			7605		388		
4	8178	4393		1546		23396	7799		1617	
	3524	12610	201			7933	29920	195		
	3323		200			7738		194		
	3123		401	20		7544		389		
5	9970	3323		1947		23215	7738		2006	
		15933					37658			

F.B. 2404 P.G. 11

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J. A. MOODY Time 2:10 to 2:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-19 To BM 11-18
Date 5-4-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4352	15933	187	204 ~~1947~~		6961	37658	206	2006	
	4165		188			6755		206		
	3977		375			6549		412		
6	12494	4165		2322		20265	6755		2418	
	4547		198			6859		200		
	4349		197			6659		197		
	4152		395			6462		397		
7	13048	4349		2815		19980	6660		2815	
	4658		209			7000		172		
	4449		209			6828		171		
	4240		418			6657		343		
8	13347	4449		3433		20485	6828		3158	
	4020		189			8487		195		BM. 11-18 (AZUSA F-8)
	3831		189			8292		195		HUNTINGTON DR. OPPOSITE No. 2318
	3642		378			8097		390		SEE F.B. 1376-20 FOR DESC
9	11493	3831		3511		24876	8292		3548	
										SUMMATION OF RUN
										BM 11-19 to BM 11-18
										TOTAL BACKSIGHTS + 32.727
										" FORE " − 66.193
										DIFF IN ELEV. − 33.466
		32.727					66.193			

F.B. 2404 P.G. 12

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 11:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 11-19 To B.M. 11-21
Date 5-4-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.128		186		#11	5.157		200		B.M 11-19 (U.S. 376, 5-57 1923)
	3.942		184			4.957		199		N. OF FOOTHILL BLVD. & FISH CN. RD.
	3.758		370			4.758		399		SEE F.B. 1376-21 FOR DESC.
1	11.828	3.943		.370	65°	14.872	4.957		.399	
	5.339		191			3.687		195		
	5.148		192			3.492		197		π J. MOODY
	4.956		383			3.295		392		
2	15.443	5.148		.753		10.474	3.491		.791	
	8.921		193			3.150		199		
	8.728		194			2.951		199		
	8.534		387			2.752		398		
3	26.183	8.728		1.140		8.853	2.951		1.189	
	3.618		207			7.951		189		
	3.411		204			7.762		186		
	3.207		411			7.576		375		
4	10.236	3.412		1.551		23.289	7.763		1.564	
	3.605		193			11.669		170		
	3.412		194			11.499		168		
	3.218		387			11.331		338		
5	10.235	3.412		1.938		34.499	11.500		1.902	
		24.643					30.662			

F.B. 2401 P.G. 13

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9.30 TO 11.00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-19 To B.M. 11-21
Date 5-4-56
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
	2.622	24.643	151	1.938		8.754	33.662	163	1.902	
	2.471		153			8.591		160		
	2.318		304			8.431		323		
6	7.411	2.470		2.242		25.776	8.592		2.225	
	4.802		181			5.375		178		
	4.621		182			5.197		176		
	4.439		363			5.021		354		
7	13.862	4.621		2.605		15.593	5.198		2.579	
	5.918		181			0.688		169		
	5.737		179			0.519		167		
	5.558		360			0.352		336		
8	17.213	5.738		2.965		1.559	0.520		2.915	
	11.489		043			1.476		056		
	11.446		044			1.420		055		
	11.402		087			1.365		111		
9	34.337	11.446		3.052		4.261	1.420		3.026	
	10.744		173			1.788		184		
	10.571		173			1.604		182		
	10.398		346			1.422		366		
10	31.713	10.571		3.398		4.814	1.605		3.392	
		59.489					47.997			

F.B. 2404 P.G. 14

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M 11-19 To B.m. 11-21
Date 5-4-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.242	59.489	188	3.398		7.071	47.997	196	3.392	
	4.054		188			6.875		194		
	3.866		376			6.681		390		
11	12.162	4.054		3.774		20.627	6.876		3.782	
	3.071		198			7.463		198		
	2.873		194			7.265		194		
	2.679		392			7.071		392		
12	8.623	2.874		4.166		21.799	7.266		4.174	
	3.806		199			6.285		198		
	3.607		196			6.087		196		
	3.411		395			5.891		394		
13	10.824	3.608		4.561		18.263	6.088		4.568	
	4.779		191			5.175		196		
	4.588		189			4.979		192		
	4.399		380			4.787		388		
14	13.766	4.589		4.941		14.941	4.980		4.956	
	4.955		194			5.463		194		
	4.761		192			5.269		192		
	4.569		386			5.077		386		
15	14.285	4.762		5.327		15.809	5.270		5.342	
		79.376					78.477			

F.B. 2404 P.G. 15

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 500.10
Notes by G. E. DREIER Time 9:30 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 11-19 To B.M. 11-21
Date 5-4-56
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
	5.054	79.376	189	5.327		5.682	78.477	189	5.392	
	4.865		186			5.493		190		
	4.679		375			5.303		379		
16	14.598	4.866		5.702		16.478	5.493		5.781	
	4.995		191			4.902		189		
	4.804		187			4.713		185		
	4.617		378			4.528		374		
17	14.416	4.805		6.080		14.143	4.714		6.095 ~~6.103~~	
	6.931		189			3.747		192		
	6.742		189			3.555		189		
	6.553		378			3.366		381		
18	20.226	6.742		6.458		10.668	3.556		6.476 ~~6.484~~	
	6.665		187			4.991		189		
	6.478		190			4.802		185		
	6.288		377			4.617		374		
19	19.431	6.477		6.835		14.410	4.803		6.850 ~~6.858~~	
	5.248		186			5.257		189		
	5.062		183			5.068		186		
	4.879		369			4.882		375		
20	15.189	5.063		7.204		15.207	5.069		7.225 ~~7.233~~	
		107.329					102.112			

F.B. 210 P.G. 16

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 G. E. DREIER Time 9:30 TO 11:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 11-19 To B.M. 11-21
Date 5-4-56
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
	5.604	107.329	179	7.204		1.555	102.112	173	7.233	
	5.425		177			1.382		171		+ 112.755
	5.248		356			1.211		344	69	- 103.495
21	16.277	5.426		7.560		4.148	1.383		7.577	+ 9.260
		112.755 -					103.495 -		7.560 15137 = 0.99 mi.	B.M. 11-20 (U.S. 2611, E-96 1931) FOOTHILL BLVD. & IRWINDALE AVE SEE F.B. 1376-22 FOR DESC.
	1.539		180			6.757		207		+ 1.359
	1.359		180			6.550		206		- 6.550
	1.179		1360			6.344		413	82	- 5.191
22	4.077	1.359		7.920		19.651	6.550		7.990	B.M. 11-21 FOOTHILL BLVD. & IRWINDALE AVE
										SEE F.B. 1376-22 FOR DESC
										SUMMATION OF RUN
							DIFF IN ELEV.,		B.M. 11-19 TO B.M. 11-20	+9.260
							" " "		B.M. 11-20 TO B.M. 11-21	-5.191

F.B. 2402 P.G. 17

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. 50010
Notes by: G. E. DREIER Time: 11:00 TO Rod No. 11 & 12

Name: L.A. CO. PRECISE LEVEL NF
Job No. 0301.02
From: B.M. 11-21 To: B.M. 11-19
Date: 5-4-56
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
	6.755		196		#11	1.558		193		B.M. 11-21
	6.559		195			1.365		190		FOOTHILL BLVD. & IRWINDALE AVE
	6.364		391			1.175		383		SEE F.B. 1376-22 FOR DESC.
1	19.678	6.559		.391		4.098	1.366		.383	
										+ 6.559
										− 1.366
										+ 5.193 ✓
										BM. 11-20 (U.S. 2611 E-96 1931)
										FOOTHILL BLVD. & IRWINDALE AVE
										SEE F.B. 1376-22 FOR DESC.
	1.379		176			5.417		178		
	1.203		177			5.239		177		
	1.026		353			5.062		355		
2	3.608	1.203		.744		15.718	5.239		.738	
	5.212		187			5.202		185		
	5.025		186			5.017		182		
	4.839		373			4.835		367		
3	15.076	5.025		1.117		15.054	5.018		1.103	
	4.965		187			6.641		190		
	4.778		186			6.451		186		
	4.592		373			6.265		376		
4	14.335	4.778		1.490		19.357	6.452		1.479	
		11.006					16.709			

F.B. 2404 P.G. 18

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 (AM) OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-21 To B.M. 11-19
Date 5-4-56
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
									81	
	3.732	11.006	191	1.490		6.917	16.709	190	1.494	
	3.541		189			6.727		189		
	3.352		380			6.538		379	60	
5	10.625	3.542		1.870		20.182	6.727		1.853	
	4.889		188			4.979		188		
	4.701		186			4.791		189		
	4.515		373	4		4.602		377	7	
6	14.105	4.702		2.243		14.372	4.791		2.230	
	5.638		190			5.009		190		
	5.448		189			4.819		188		
	5.259		379	3		4.631		378	15	
7	16.345	5.448		2.628		14.459	4.820		2.608	
	5.553		194			5.047		194		
	5.359		193			4.853		191		
	5.166		387	10		4.662		385	3000	
8	16.078	5.359		3.009		14.562	4.854		2.993	
	5.341		194			4.941		190		
	5.147		195			4.751		189		
	4.952		389	9		4.562		379	9	
9	15.440	5.147		3.398		14.254	4.751		3.372	
		35.204					42.652			

F.B. 2101 P.G. 19

76P526 S & E #379 1-54

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather QUERCA Inst. No 50010
Notes by G. E. DREIER Time 11:00 TO 12:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 11-21 To B.M. 11-19
Date 5-4-56
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
	6211	35.204	200	3.398		3.728	42.652	197	3.378	
	6.011		197			3.531		198		
	5814		397			3.333		395		
10	18.036	6.012		3.795		10.592	3.531		3.747	
	7461		194			3.067		197		
	7.267		196			2.870		193		
	7.071		390			2.677		390		
11	21.799	7.266		4.185		8.614	2.871		4.137	
	7099		194			4.271		190		
	6.905		193			4.081		186		
	6.712		387			3.895		376		
12	20.716	6.905		4.578		12.247	4.082		4.573	
	1.826		184			10.781		172		
	1.642		182			10.609		171		
	1.460		366			10.438		343		
13	4.928	1.643		4.938		31.828	10.609		4.856	
	1.531		055			11.544		044		
	1.476		055			11.500		043		
	1.421		110			11.457		087		
14	4.428	1.476		5.048		34.501	11.500		4.943	
		58.506					75.245			

F.B. 404 P.G. 20

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 THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1.30 TO Rod No. 118/12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-21 To B.M. 11-19
Date 5-4-56
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
	0.807	58506	169	5.048 9		6.037	75.245	180	4.943 70	
	0.638		167			5.857		179		
	0.471		336	9 5		5.678		359	29	
15	1.916	0.638		5.387		17.572	5.857		5.302	
	5.592		165			5.051		199		
	5.427		164			4.852		195		
	5.263		329	4		4.657		394	723	
16	16.282	5.427		5.713		14.560	4.853		5.696	
	9.345		167			3.213		152		
	9.178		166			3.061		153		
	9.012		333	7	2?	3.908		305	28	
17	27.535	9.178		6.047	9?	10.182	3.061		6.004	
	11.489		182			3.393		176		
	11.307		180			3.217		176		
	11.127		362	9		3.041		352	80	
18	33.923	11.308		6.408		9.651	3.217		6.353	
	7.882		189			3.545		206		
	7.693		189			3.339		204		
	7.504		378	7		3.135		410	90	
19	23.079	7.693		6.787		10.019	3.340		6.763	
		92.750					95.573			

F.B. 2104 P.G. 21

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. 50010
Notes by G. E. DREIER Time 1:30 TO 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-21 To B.M. 11-19
Date 5-4-56
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
	3331	92750 1	199	6.787		9.107	9.673	196	6.790	
	3.132		199			8.911		193		
	2.933		398			8.718		389		
20	9.396	3.132		7.185		26.736	8.912		7.179	
	3.579		190			5.245		196		+104.003
	3.389		191			5.049		194		-113.254
	3.198		381		4?	5.855		390		-9.251
21	10.166	3.389		7.565	5?	16.149	5.050		7.569	
	4.919		187			3.917		199		
	4.732		189			3.718		196		B.M. 11-19 (U.S. 376, S-57, 1923)
	4.543		376			3.522		395		HUNTINGTON DR. & FISH CN. RD.
22	14.194	4.731		7.942		11.157	3.719		7.964	SEE F.B. 1376-21 FOR DESC
		104.003					113.254			

SUMMATION OF RUN

DIFF. IN ELEV. B.M. 11-21 TO B.M. 11-20 + 5.193
" " " B.M. 11-20 TO B.M. 11-19 - 9.251

F.B. 2404 P.G. 22

76P526 S & E #379 1-54

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 1:20 TO 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-21 To B.M. 11-22
Date 5-7-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.055		196		#11	7.471		196		B.M. 11-21
	3.859		196			7.275		193		FOOTHILL BLVD. & IRWINDALE AVE.
	3.663		392			7.082		389		SEE F.B. 1376-22 FOR DESC
1	11.577	3.859		392	74°	21.828	7.276		389	
	4.039		191			7.092		196		T J. MOODY
	3.848		190			6.896		192		
	3.658		381			6.704		388		
2	11.545	3.848		.773		20.692	6.897		.777	
	3.425		194			6.959		191		
	3.231		192			6.768		195		
	3.039		386			6.573		386		
3	9.695	3.232		1.159		20.300	6.767		1.163	
	3.467		193			6.691		192		
	3.274		191			6.499		191		
	3.083		384			6.308		383		
4	9.824	3.275		1.543		19.498	6.499		1.546	
	3.531		194			6.762		194		
	3.337		190			6.568		191		
	3.147		384			6.377		385		
5	10.015	3.338		1.927		19.707	6.569		1.931	
		17.552					34.008			

F.B. 2404 P.G. 23

76P526 S & E #379 1-54

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No 50010
Notes by G. E. DREIER Time 1:30 TO 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NT
Job No. 0301.02
From B.M. 11-21 To B.M. 11-22
Date 5-7-56
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
	3.673	17.552	192	1.927		6.042	34.058	189	1.931	
	3.481		190			5.853		188		
	3.291		382			5.665		377		
6	10.445	3.482		2.309		17.560	5.853		2.308	
	3.883		188			7.875		190		
	3.695		187			7.685		192		
	3.508		375			7.493		382		
7	11.086	3.695		2.684		23.053	7.684		2.690	
	3.558		191			6.969		191		
	3.367		189			6.778		187		
	3.178		380			6.591		378		
8	10.103	3.368		3.064		20.338	6.779		3.068	
	3.445		186			7.932		189		
	3.259		184			7.743		188		
	3.075		370			7.555		377		
9	9.779	3.260		3.434		23.230	7.743		3.445	
	3.899		188			6.418		186		
	3.711		187			6.232		184		
	3.524		375			6.048		370		
10	11.134	3.714		3.809		18.698	6.233		3.815	
		35.088					68.300			
		6								

F.B. 2401 P.G. 24

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: SCATTERED CLOUDS
Time: 1:30 TO 2:30
Inst. No. 50010
Rod No. 11 & 12

Name: L.A. CO. PRECISE LEVEL NE
Job No. 030102
From: B.M. 11-21 To: B.M. 11-22
Date: 5-7-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.237	35.008	185	3.809		6.312	68.300	185	3.815	
	4.052		183			6.127		185		
	3.869		368			5.942		370		
11	12.158	4.053		4.177		18.381	6.127		4.185	
	3.844		185			7.553		187		
	3.659		181			7.366		187		
	3.478		366			7.179		374		
12	10.981	3.660		4.543		22.098	7.366		4.559	
	3.245		180			7.218		194		
	3.065		180			7.024		191		
	2.885		360			6.833		385		
13	9.195	3.065		4.903		21.075	7.025		4.944	
	4.119		182			7.358		190		
	3.937		179			7.168		189		
	3.758		361			6.979		379		
14	11.814	3.938		5.264		21.505	7.168		5.323	
	3.482		187			6.817		189		6.817
	3.295		190			6.628		186		6.628
	3.105		377			6.442		375		6.442
15	9.882	3.294		5.641		19.887	6.629		5.698	
		53.098 / 7					102.615			

F.B. 2104 P.G. 25

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. 50010
Notes by G. E. DREIER Time 1:30 TO 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-21 To B.M. 11-22
Date 5-7-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.282	53.0(9)8 7	199	5641		6837	103.615	176	5.698	
	4.083		196			6.661		172		
	3.887		395			6.489		348		
16	12.252	4.084		6.036		19.987	6.662		6.046	
	3.808		169			8.648		156		
	3.639		170			8.492		154		B.M. 11-22
	3.469		339			8.338		310		IRWINDALE AVE & W 1ST ST
17	10.916	3.639		6.375		25.478	8.493		6.356	SEE F.B. 1376-23 FOR DESC.
									6375	
									12731	
									=0.82 mi.	
										SUMMATION OF RUN
										B.M. 11-21 TO B.M. 11-22
										TOTAL BACKSIGHTS + 60.801
										TOTAL FORESIGHTS - 117.770
										DIFF IN ELEVATION = 56.969
		60.821					117.770			

F.B. 2404 P.G. 26

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 THIN CLOUDS Inst. No. 50010
Notes by G.E. DREIER Time 8:45 TO 9:45 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-22 To B.M. 11-21
Date 5-8-56
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
	8.506		158		#11	3.659		167		B.M. 11-22
	8.348		156			3.492		169		IRWINDALE AVE & 1ST AVE
	8.192		314			3.323		336		SEE F.B. 1376-22 FOR DESC.
1	25.046	8.349		.314	60°	10.474	3.491		.336	
	6.768		187			4.197		188		
	6.581		183			4.009		188		↑ J. MOODY
	6.398		370		73	3.821		376		
2	19.747	6.582		.684	72	12.027	4.009		.712	
	6.393		186			3.058		189		
	6.207		186			2.869		187		
	6.021		372			2.682		376		
3	18.621	6.207		1.056		8.609	2.870		1.088	
	7.083		186			3.848		185		
	6.897		186			3.663		181		
	6.711		372			3.482		366		
4	20.691	6.897		1.428		10.993	3.664		1.454	
	7.015		190			3.047		186		
	6.825		186			2.861		183		
	6.639		376			2.678		369		
5	20.479	6.826		1.804		8.586	2.862		1.823	
		34.861					16.896			

F.B. 2504 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 THIN CLOUDS Inst. No. 500.10
Notes by G. E. DREIER Time 8:45 TO 9:45 Rod No. 11 & 12

Name L.A. CO PRECISE LEVEL NET
Job No. 2301.02
From B.M. 11-22 To B.M. 11-21
Date 5-8-56
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
	7.478	34.861	189	1.804		3.772	16.836	184	1.823	
	7.289		188			3.588		180		
	7.101		377			3.408		364		
6	21.868	7.289		2.181		10.768	3.589		2.187	
	6.154		183			4.081		186		
	5.971		182			3.895		186		
	5.789		365			3.709		372		
7	17.914	5.971		2.546		11.685	3.895		2.559	
	6.348		186			3.833		189		
	6.162		184			3.644		185		
	5.978		370			3.459		374		
8	18.488	6.163		2.916		10.936	3.645		2.933	
	7.702		189			3.212		185		
	7.513		186			3.027		188		
	7.327		375			2.839		373		
9	22.542	7.514		3.291		9.078	3.026		3.306	
	6.759		188			3.354		190		
	6.571		188			3.164		191		
	6.383		376			2.973		381		
10	19.713	6.571		3.667		9.491	3.164		3.687	
		68.369					34.215			

F. 2104 P.G. 28

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 8:45 TO 9:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL N
Job No. 0301.02
From B.M. 11-22 To B.M. 11-21
Date 5-8-56
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
	8.003	68.369	193	3.667		4.005	34.215	186	3.687	
	7.810		193			3.819		182		
	7.617		386			3.637		368		
11	23430	7.810		4.053		11.461	3.820		4.055	
	5.883		189			3.518		191		
	5.694		188			3.327		192		
	5.506		377			3.135		383		
12	17.083	5.694		4.430		9.980	3.327		4.438	
	6.905		193			3.672		191		
	6.712		190			3.481		192		
	6.522		383			3.289		383		
13	20.139	6.713		4.813		10.442	3.481		4.821	
	6.609		191			3.391		193		
	6.418		190			3.198		193		
	6.228		381			3.005		386		
14	19.255	6.418		5.194		9.594	3.198		5.207	
	6.702		196			3.161		190		
	6.506		195			2.971		189		
	6.311		391			2.782		379		
15	19.519	6.506		5.585		8.914	2.971		5.586	
		101.510					51.013			

F.B. 2404 P.G. 29

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN Clouds Inst. No. 50010
Notes by G.E. DREIER Time 8:45 TO 9:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-22 To B.M. 11-21
Date 5-8-56
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
	7.252	10.510	194	5.585		4.208	5.012	190	5.586	
	7.058		195			4.018		190		
	6.863		389			3.828		380		
16	21.173	7.058		5.974		12.054	4.018		5.966	
	7.594		195			4.172		194		
	7.399		193			3.978		195		B.M. 11-21
	7.206		388			3.783		389		FOOTHILL BLVD & IRWINDALE AVE.
17	22.199	7.400		6.362		11.933	3.978		6.355	SEE F.B. 1376-22 FOR DESC.
										SUMMATION OF RUN
										B.M. 11-22 TO B.M. 11-21
										TOTAL BACKSIGHTS + 115.968
										TOTAL FORESIGHTS - 59.008
										DIFF IN ELEVATION + 56.960
		115.968					59.008			

F.B. 2404 P.G. 32

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by J. A. MOODY Time 2:35 to 3:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-22 To BM 11-23
Date 4-7-56
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
	5578		176			6891		185		BM 11-22
	5402		175			6706		185		IRWINDALE AVE & West 1st St.
	5227		351			6521		370		SEE F.B. 1376-23 FOR DESC.
1	16207	5402		351	76	20118	6706		370	
	4289		184			7007		186		↑ G. E. DREIER
	4105		183			6821		183		
	3922		367			6638		369		
2	12316	4105		718		20466	6822		739	
	3379		179			6507		176		
	3200		179			6331		177		
	3021		358			6154		353		
3	9600	3200		1076		18992	6331		1092	
	4481		184			6868		186		
	4297		184			6682		184		
	4113		368			6498		370		
4	12891	4297		1444		20048	6683		1462	
	4358		181			7044		182		
	4177		180			6862		182		
	3997		361			6680		364		
5	12532	4177		1805		20586	6862		1826	
		21181					33404			

F.B. 2404 P.G. 31

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER
Notes by: J. A. Moody
Weather: Hazy
Time: 2:35 to 3:10
Inst. No. 50010
Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-22 To BM 11-23
Date 5-7-56
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
	4918	21.181	180	1805		7598	33.404	186	1826	
	4738		180			7412		183		
	4558		360			7229		369		
6	42145	4.738		2165		22239	7.413		2195	
	3780		187			7542		176		
	3593		185			7367		174		
	3408		372			7193		350		
7	10781	3.594		2537		22103	7.368		2545	
	3787		185			7099		177		
	3602		184			6922		176		
	3418		369			6746		353		
8	10807	3.602		2906		20767	6.922		2898	
	4400		181			7271		186		
	4219		179			7085		184		
	4040		360			6901		370		
9	26591	4.220		3266		21257	7.086		3268	
	3648		246			8824		206		
	3402		243			8618		206		
	3159		489			8412		412		
10	10209	3.403		3755		25854	8.618		3680	
		40.738					70.811		3755	
									7.435	
									= 0.48 mm	

SUMMATION OF RUN:
BM 11-22 TO B.M. 11-23
TOTAL BACKSIGHTS +40.738
TOTAL FORESIGHTS −70.811
DIFF IN ELEVATION −30.073

BM 11-23
IRWINDALE AVE & GLADSTONE ST
SEE F.B. 1376-24 FOR DESC.

F.B. 2404 P.G. 32

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by J. A. MOORY Time 3:10 to 3:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-23 To BM 11-22
Date 5-7-56
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
	9009		221			3799		227		BM 11-23
	8788		220			3572		227		IRWINDALE AVE & GLADSTONE ST
	8568		441			3345		454		SEE F.B. 1376-24 FOR DESC.
1	26365	8.788		441		10716	3572		454	
	7288		185			4412		180		
	7103		185			4232		179		π G.E. DREIER
	6918		370			4053		359		
2	21309	7.103		811		12697	4.232		813	
	7110		189			3798		185		
	6931		178			3613		181		
	6753		367			3432		366		
3	20994	6.931		1178		10843	3.614		1179	
	7559		180			3785		180		
	7379		181			3605		181		
	7198		361			3424		361		
4	22136	7.379		1539		10814	3.605		1540	
	7557		185			4877		180		
	7372		182			4697		180		
	7190		367			4517		360		
5	22119	7.373		1966		14091	4.697		1960	
		37.574					19.720			

F.B. 2104 P.G. 33

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: Haze Inst. No. 50010
Notes by: J. A. Moody Time: 3:10 to 3:40 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: BM 11-23 To: BM 11-22
Date: 5-7-56
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?	7798.7	3.5744	183	1906		4300	19.720	180	1900	
	6804		181			4120		180		
	6623		364			3940		360		
6	20414	6.805		2270		23.60	4.120		2260	
?1	6798		184			4413		183		
	6614		183			4230		183		
	6431		367			4047		366		
7	19843	6.614		2638		12.690	4.230		2626	
	6646		177			3522		180		
	6469		177			3342		180		
	6292		354			3162		360		
8	19407	6.469		2984		10.026	3.342		2986	
	7011		184			4293		182		
	6827		183			4111		183		
	6644		367			3928		365		
9	20482	6.827		3358		12332	4.111		3651	
	6962		184			5650		178		
	6778		185			5472		175		
	6593		369			5297		353		
10	20333	6.778		3720		16419	5.473		3604	
		71.067					40.996			

SUMMATION OF RUN
B.M. 11-23 TO B.M. 11-22
TOTAL BACKSIGHTS +71.067
TOTAL FORESIGHTS -40.996
DIFF IN ELEVATION +30.071

BM 11-22
IRWINDALE AVE & WEST 1st ST.
SEE F.B. 1376-2L FOR DESC.

F.B. 404 P.G. 34

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 10:05 TO 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-23 To B.M. 16-1
Date 5-8-56
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
	5.079		188			6.311		183		B.M. 11-23
	4.891		188			6.118		189		IRWINDALE AVE & GLADSTONE ST
	4.703		376			5.929		382		SEE F.B. 1376-24 FOR DESC.
1	14.673	4.891		.376		18.358	6.119		.382	
	4.078		180			6.699		178		
	3.898		177			6.521		178		π J. MOODY
	3.721		357			6.343		356		
2	11.697	3.899		.733		19.563	6.521		.738	
	3.705		185			6.707		186		
	3.520		182			6.521		183		
	3.338		367			6.338		369		
3	10.563	3.521		1.100		19.566	6.522		1.107	
	3.858		180			7.009		180		
	3.678		179			6.829		180		
	3.499		359			6.649		360		
4	11.035	3.678		1.459		20.487	6.829		1.467	
	3.743		184			6.127		180		
	3.559		180			5.947		179		
	3.379		364			5.768		359		
5	10.681	3.560		1.823		17.842	5.947		1.826	
		19.549					31.938			

F.B. 2404 P.G. 35

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 10:05 TO 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 11-23 To B.M. 16-1
Date 5-8-56
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
	4.308	19.549	185	1823		6.296	31.938	185	1.826	
	4.123		184			6.111		182		
	3.939		369			5.929		367		
6	12.370	4.123		2.192		18.336	6.112		2.193	
	3.874		188			7.161		183		
	3.686		187			6.978		181		
	3.499		375			6.797		364		
7	11.059	3.686		2.567		20.936	6.979		2.557	
	3.962		168			6.943		181		
	3.794		166			6.762		186		
	3.628		334			6.582		361		
8	11.384	3.795		2.901		20.287	6.762		2.918	
	3.939		181			6.288		182		
	3.758		183			6.106		178		
	3.575		364			5.928		360		
9	11.272	3.757		3.265		18.422	6.107		3.278	
	4.208		181			6.991		183		
	4.027		181			6.808		185		
	3.846		362			6.623		368		
10	12.081	4.027		3.627		20.422	6.807		3.646	
	38.937					64.705				

F.B. 2404 P.G. 36

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Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 10:05 TO 10:50 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-23 To B.M. 16-1
Date 5-8-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.014	38.937	197	3.627		7.871	64.705	213	3.646	
	3.817		195			7.658		211		B.M 16-1
	3.622		392			7.447		424		IRWINDALE AVE & ARROW HWY
11	11.453	3.818		4.019		22.976	7.659		4.070	SEE F.B 1380-200 FOR DESC.
									4.019	
									8.089	
									=0.52 mi.	
										SUMMATION OF RUN
										B.M. 11-23 TO B.M. 16-1
										TOTAL BACKSIGHTS +42.755
										TOTAL FORESIGHTS -72.364
										DIFF IN ELEVATION -29.609
										F.B. 2104 P.G. 37
		42.755					72.364			

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Chief of Party: G. E. DREIER Weather: SCATTERED CLOUDS Inst. No.: 50010
Notes by: G. E. DREIER Time: 1:15 T.O. Rod No.: 11 E 12

Name: L. A. CO PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 16-1 To: B.M. 11-23
Date: 5-8-56
Indexed: K. T. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.131		216		#11	4.269		196		B.M. 16-1
	7.915		213			4.073		195		IRWINDALE AVE & ARROW HWY
	7.702		429			3.878		391		SEE F.B. 1380-200 FOR DESC
1	23.748	7.916		429	74°	12.220	4.073		391	
	6.762		183			3.984		183		
	6.579		184			3.801		182		
	6.395		367			3.619		365		T. J. MOODY
2	19.736	6.579		796		11.404	3.801		756	
	6.856		183			4.505		185		
	6.673		180			4.320		183		
	6.493		363			4.137		368		
3	20.022	6.674		1.159		12.962	4.321		1.124	
	7.433		182			4.458		169		
	7.251		183			4.289		170		
	7.068		365			4.119		339		
4	21.752	7.251		1.524		12.866	4.289		1.463	
	6.979		175			3.713		200		
	6.804		172			3.513		200		
	6.632		347			3.313		400		
5	20.415	6.805		1.871		10.539	3.513		1.863	
			35.225					14.997		

F.B. 2404 P.G. 38

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 SCATTERED CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 1:15 TO Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 16-1 To B.M. 11-23
Date 5-8-56
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
	6.272	35.225	186	1.871		4.285	19.997	187	1.863	
	6.086		185			4.098		186		
	5.901		371			3.912		373		
6	18.259	6.086		2.242		12.295	4.098		2.236	
	6.856		183			4.471		183		
	6.673		180			4.288		182		
	6.493		363			4.106		365		
7	20.022	6.674		2.605		12.865	4.288		2.601	
	7.428		180			4.278		181		
	7.248		180			4.097		180		
	7.068		360			3.917		361		
8	21.744	7.248		2.965		12.292	4.097		2.962	
	6.405		184			3.398		183		
	6.221		185			3.215		186		
	6.036		369			3.029		369		
9	18.662	6.221		3.334		9.642	3.214		3.331	
	6.438		180			3.817		180		
	6.258		179			3.637		178		
	6.079		359			3.459		358		
10	18.775	6.258		3.693		10.913	3.638		3.689	
		67.712					39.332			

F.B. 2404 P.G. 59

76P526 S & E #379 1-54

PLEASE RETURN TO
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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 SCATTERED CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 1:15 TO Rod No. 11612

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-1 To B.M. 11-23
Date 5-8-56
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
	6489	67.712	196	3.693		5.247	39.392	188	3.689	
	6.293		194			5.059		184		B.M. 11-23
	6.099		396			4.875		372		IRWINDALE AVE & GLADSTONE ST.
11	18.881	6.294		4.083		15.181	5.060		4.061	SEE F.B. 1376-24 FOR DESC.
										SUMMATION OF RUN
										B.M. 16-1 TO B.M. 11-23
										TOTAL BACKSIGHTS +74.006
										TOTAL FORESIGHTS -44.392
										DIFF IN ELEVATION +29.614
F.B. 2404 P.G. 40										
		74.006					44.392			

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 HAZE Inst. No. 50010
Notes by J. A. MOODY Time 10:50 to 12:00 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-1 To BM 16-2
Date 5-8-56
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
	4748		181		#11	6802		185		BM 16-1
	4567		184			6617		184		IRWINDALE AVE & ARROW HWY
	4383		365			6433		369		SEE F.B. 1380-200 for DESC.
1	13698	4566		365	68°	19852	6617		369	
	4280		182			6529		170		
	4098		181			6359		167		TO G.E. DREIER
	3917		363			6192		337		
2	12295	4098		728		19080	6360		706	
	3925		173			5866		183		
	3752		171			5683		180		
	3581		344			5503		363		
3	11258	3753		1072		17052	5684		1069	
	4288		185			6420		189		
	4103		183			6231		190		
	3920		368			6041		379		
4	12311	4104		1440		18692	6231		1448	
	4532		180			7143		174		
	4352		181			6969		174		
	4171		361			6795		348		
5	13055	4352		1801		20907	6969		1796	
		20873					31861			

F.B. 2404 P.G. 71

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: Haze Inst. No.: 50010
Notes by: J. A. Moody Time: 10:50 to 12:00 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: BM 16-1 To: BM 16-2
Date: 5-8-56
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
	3849	20873	180	1801		6605	31861	178	1796	
	3669		179			6427		177		
	3490		379	6		6250		355		
6	11008	3669	0	2180		19282	6427		2151	
	4159		181			6396		176		
	3978		181			6220		173		
	3797		362	2		6047		349		
7	11934	3978		2542		18663	6221		2500	
	4153		163			6933		183		
	3990		162			6750		184		
	3828		325	4		6566		367	6	
8	11971	3990		2867		20249	6750		2887	
	4552		176			6475		176		
	4376		176			6299		176		
	4200		352	199		6123		352	1	
9	13128	4376		3215		18897	6299		3229	
	3492		180			6652		168		
	3312		177			6484		166		
	3135		357	5		6318		334	5	
10	9939	3313		3586		19454	6485		3563	
		40.199					64.043			

F.B. 2404 P. 42

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: HAZE Inst. No. 50010
Notes by: J. A. MOODY Time: 10:50 to 11:30 Rod No. 11612

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: BM 16-1 To: BM 16-2
Date: 5-8-56
Indexed: E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2891	40.199	239	3586		7913	64.043	235	3563	BM 16-2
	2652		236			7678		235		IRWINDALE AVE, .05 MI SO.
	2416		475			7443		470		of ARROW Hwy.
11	7959	26.53		40.51		30341	76.78		40.53	SEE F.B. 1380-201 FOR DESC.
		42.852					71.721		40.51	
									8.084	
									= 0.52 mi	
										SUMMATION of RUN
										BM 16-1 to BM 16-2
										TOTAL BACKSIGHTS − 42.852
										" FORE " + 71.721
										DIFF IN ELEV. − 28.869

F.B. 2404 P.G. 23

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 HAZE Inst. No. 50010
Notes by J. A. Moody Time 11:30 to Rod No 11512

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-2 To BM 16-1
Date 5-8-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7985		237			2957		239		BM 16-2
	7748		234			2718		237		
	7514		471			2481		476		
1	23247	7749		.471		8156	2719		.476	
	6771		169			3611		181		
	6602		166			3430		180		
	6436		335			3250		361		
2	19809	6603		.806		10291	3430		.837	
	6483		175			4557		177		
	6308		177			4380		176		
	6137		352			4204		353		
3	18922	6307		1.158		13141	4380		1.190	
	6666		185			3891		161		
	6481		183			3730		163		
	6298		368			3567		324		
4	19445	6482		1.526		11188	3729		1.514	
	6243		174			4003		180		
	6069		175			3823		181		
	5894		349			3642		361		
5	18206	6069		1.875		11468	3823		1.875	
			3321 0					18081		

F.B. 2204 P.G. 44

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. DREIER Weather: Haze Inst. No. 50010
Notes by: J. A. Moody Time: 11:30 to 12:00 Rod No. 11612

Name: L. A. CO PRECISE LEVEL NET
Job No. 030102
From: BM 16-2 To: BM 16-1
Date: 5-8-56
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
	6713	33.210	176	1875		3965	18.081	180	1875	
	6537		177			3785		180		
	6360		353			3605		360		
6	19610	6.537		2228		11355	3785		2235	
	7193		175			4584		182		
	7018		175			4402		181		
	6843		350			4221		363		
7	21054	7018		2578		13207	4402		2598	
	6415		184			4303		186		
	6231		188			4117		188		
	6043		372			3929		374		
8	18689	6230		2950		12349	4116		2972	
	6435		182			4494		174		
	6253		181			4320		173		
	6072		363			4147		347		
9	18760	6253		3313		12961	4320		3319	
	7594		172			5347		180		
	7422		170			5167		182		
	7252		342			4985		362		
10	22268	7423		3655		15499	5166		3681	
		66671					39870			

F.B. 244 P.G. 45

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by J. A. MOODY Time 11:30 to 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-2 To BM 16-1
Date 5-8-56
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
	6629	6667	191	3655		4557	39.870	174	3681	BM 16-1
	6438		189			4383		174		IRWINDALE AVE & ARROW HWY
	6249		380			4209		348		SEE L.B. 1380-200 FOR DESC.
11	19316	6439		4035		13149	4383		4029	
		73.110					44.253			
										SUMMATION OF RUN
										BM 16-2 to BM 16-1
										TOTAL BACKSIGHTS + 73.110
										" FORE " 44.253
										DIFF IN ELEV. 28.857
		73.110					44.253			

F.B. 2404 P.G. 40

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:35 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-2 To BM 16-3
Date 5-8-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.532		087		#11	5.868		083		BM 16-2
	5.445		086			5.725		083		IRWINDALE AVE, .05 Mi So.
	5.359		173			5.642		166		of ARROW Hwy.
1	16.336	5.445		173	72	17.175	5.725		.166	SEE F.B. 1380-201 FOR DESC.
	4.163		181			6.303		181		
	3.982		179			6.122		179		T J. A. MOODY
	3.803		360			5.943		360		
2	11.948	3.983		.533		18.368	6.123		.526	
	4.552		175			6.203		171		
	4.377		173			6.032		168		
	4.204		348			5.864		339		
3	13.133	4.378		.881		18.099	6.033		.865	
	4.502		171			3.728		180		
	4.331		170			3.548		180		
	4.161		341			3.368		360		
4	12.994	4.331		1.222		10.644	3.548		1.225	
	10.189		182			3.934		176		
	10.007		179			3.758		179		
	9.828		361			3.579		355		
5	30.024	10.008		1.583		11.271	3.757		1.580	
		28.145					25.186			

F.B. 2164 P.G. 47

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by G.E. DREIER Time 2:35 to Rod No 11612

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 16-2 To BM 16-3
Date 5-8-56 R. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.929	28.145	140	1.583		7.522	25.186	136	1.580	T.B.M. IRWINDALE AVE & CYPRESS AVE, S.E. COR., P.K. SPK IN CONC. RETAINING WALL
	4.789		141			9.387		136		
	4.648		281			9.251		272		
6	14.366	4.789		1.864		28.161	9.387		1.852	
	0.793		155			7.377		161		
	0.638		152			7.216		160		
	0.486		307			7.056		321		
7	1.917	0.639		2.171		21.649	7.216		2.173	
	4.593		191			5.738		192		
	4.402		190			5.546		192		
	4.212		381			5.354		384		
8	13.207	4.402		2.552		16.638	5.546		2.557	
	4.532		191			5.207		191		
	4.341		192			5.016		191		
	4.149		383			4.825		382		
9	13.022	4.341		2.935		15.048	5.016		2.939	
	5.007		192			5.997		190		
	4.815		193			5.807		194		
	4.622		385			5.613		384		
10	14.444	4.815		3.320		17.417	5.806		3.323	
		47.131					58.157			

F.B. 24104 P.G. 48

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Chief of Party G. E. DREIER Weather SCATTERED CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 2:35 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-2 To B.M. 16-3
Date 5-8-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5 303	47.131	200	3.320		5.867	58.157	186	3.323	
	5,103		197			5,681		182		
	4906		397			5,499		368		
11	15312	5.104		3.717		17047	5.682		3.691	
	3.408		193			7.158		194		
	3,215		193			6964		192		
	3 022		386			6.772		386		
12	9,645	3.215	8	4.103		20894	6.965		4.077	
	4.619		191			6.339		191		SUMMATION OF RUN
	4.428		190			6,148		190		B.M. 16-2 TO B.M. 16-3
	4 238		381			5.958		381		TOTAL BACKSIGHTS + 68.640
13	13285	4.428		4.478		18445	6.148		4.458	TOTAL FORESIGHTS − 90.864
	4.885		189			6,638		191		DIFF IN ELEVATION − 22.224
	4.696		189			6.447		189		
	4.507		378			6,258		380		
14	14.088	4.696		4.852		19343	6.448		4.838	
	4231		165			7,622		157		
	4065		163			7.463		157		B.M. 16-3
	3902		328			7.306		316		IRWINDALE AVE & SAN BERNARDINO RD.
15	12.198	4.066		5.180		22,391	7.464		5.154	SEE F.B. 1380-202 FOR DESC.
		68.640					90.864		5.180 10.394 0.66 mi.	

F.B. 2404 P.G. 15

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 2:55 TO 4:0 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030182
From B.M. 16-3 To B.M. 16-2
Date 5-11-56
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
	7.682		160			4.288		164		B.M. 16-3
	7.522		157			4.124		165		IRWINDALE AVE & SAN BERNARDINO RD.
	7.365		317			3.959		329		SEE F.B. 1380-202 FOR DESC
1	22.569	7.523		.317		12.371	4.124		.329	
	6.471		192			4.719		192		
	6.279		190			4.527		189		J. MOODY
	6.089		382			4.338		381		
2	18.839	6.280		.699		13.584	4.528		.710	
	6.539		191			4.819		191		
	6.348		190			4.628		190		
	6.158		381			4.438		381		
3	19.045	6.348		1.080		13.885	4.628		1.091	
	7.154		193			3.409		192		
	6.961		190			3.217		194		
	6.771		383			3.023		386		
4	20.886	6.962		1.463		9.649	3.216		1.477	
	5.847		186			5.282		199		
	5.661		183			5.083		195		
	5.478		369			4.888		394		
5	16.986	5.662		1.832		15.253	5.084		1.871	
		32.775					21.180			

F.B. 2210 P.G. 50

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 2:55 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.3.0.1.0.2
From B.M. 16-3 To B.M. 16-2
Date 5-11-56
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
	6.199	32.775	191	1.832		5.208	21.580	193	1.871	
	6.008		191			5.015		192		
	5.817		382			4.823		385		
6	18.024	6.008		2.214		15.046	5.015		2.256	
	5.589		190			4.916		194		
	5.399		190			4.722		190		
	5.209		380			4.532		384		
7	16.197	5.399		2.594		14.170	4.723		2.640	
	5.852		201			4.698		186		
	5.651		199			4.512		184		
	5.452		400			4.328		370		
8	16.955	5.652		2.994		13.538	4.513		3.010	
	7.372		160			0.788		155		T.B.M. IRWINDALE AVE & CYPRESS AVE, S.E. COR, P.K. SPK IN CONC. RETAINING WALL
	7.212		159			0.633		152		
	7.053		319			0.481		307		
9	21.637	7.212		3.313		1.902	0.634		3.317	
	9.447		139			4.851		143		
	9.308		137			4.708		140		
	9.171		276			4.568		283		
10	27.926	9.309		3.589		14.127	4.709		3.600	
		66.355					41.174			

F.B. 2402 P.G. 57

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 Inst. No. 50010
Notes by G.E. DREIER Time 2:55 TO 4.00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-3 To B.M. 16-2
Date 5-11-56
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
	4.055	66355	179	3.589		10.309	41.174	181	3.600	
	3.876		177			10.128		179		
	3.699		356			9.949		360		
11	11.630	3.877		3.945		30.386	10.129		3.960	
	3.771		178			4.553		175		
	3.593		174			4.378		175		
	3.419		352			4.203		350		
12	10.783	3.594		4.297		13.134	4.378		4.310	
	6.232		168			4.585		176		SUMMATION OF RUN
	6.064		165			4.409		173		B.M. 16-3 TO B.M. 16-2
	5.899		333			4.236		349		TOTAL BACKSIGHTS +92.115
13	18.195	6.065		4.630		13.230	4.410		4.659	TOTAL FORESIGHTS -69.894
	6.522		181			4.385		180		DIFF IN ELEVATION +22.221
	6.341		178			4.205		182		
	6.162		359			4.023		362		
14	19.026	6.342		4.989		12.613	4.204		5.021	
	5.974		092			5.677		078		
	5.882		091			5.599		077		B.M. 16-2
	5.791		183			5.522		155		IRWINDALE AVE 0.5 MI. S. OF ARROW HWY.
15	17.647	5.882		5.172		16.798	5.599		5.176	SEE F.B. 1380-201 FOR DESC.
		92.115					69.894			

F.B. 2404 P.G. 52

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 WIND PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 3:10 TO 3:50 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. AZUSA CO. RD To B.M. 16-3
Date 5-9-56
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
	5658		190		#11	4.950		186		T.B.M. SAN BERNARDINO RD
	5468		192			4.764		183		AND AZUSA CANYON RD., N.E. COR
	5276		382			4.581		369		L.& T. IN CURB, FT. E. OF E.
1	16.402	5.467		382		14.295	4.765		369	END CURB RETURN
	6.106		215			4.855		213		
	5.891		212			4.642		211		
	5.679		427			4.431		424		↑ J. MOODY
2	17.676	5.892		.809		13.928	4.643		.793	
	6.327		220			4715		218		
	6.107		219			4.497		215		
	5.888		439			4.282		433		
3	18322	6.107		1.248		13.494	4.498		1.226	
	6.381		223			4.938		212		
	6.158		219			4.726		214		
	5.939		442			4.512		426		
4	18.478	6.159		1.690		14.176	4.725		1.652	
	6.119		194			5102		211		
	5.925		196			4891		209		
	5.729		390			4.682		420		
5	17.773	5.924		2.080		14.675	4.892		2.072	
		29.549					23.523			

F.B. 2404 P.G. 53

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 CLOUDY-PA[illegible] CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 3:10 TO 3:5[illegible] Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0 3 0 1 0 2
From T.B.M. AZUSA CN RD To B.M. 16-3
Date 5-9-56
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
	6.519	29.549	200	2.080		5.234	2[illegible].23	201	2.072	
	6.319		197			5.033		200		
	6.122		397			4.833		401		
6	18.960	6.320		2.477		15.100	5.[illegible]33		2.473	
	6.288		200			4.932		201		
	6.088		196			4.731		203		
	5.892		396			4.528		404		
7	18.268	6.089		2.873		14.191	4.[illegible]30		2.877	
	5.457		185			4.422		183		
	5.272		184			4.239		184		
	5.088		369			4.055		367		
8	15.817	5.272		3.242		12.716	4.239		3.244	
	5.941		214			5.167		214		B.M. 16-3
	5.727		213			4.953		211		IRWINDALE AVE & SAN BERNARDINO RD
	5.514		427			4.742		425		SEE F.B. 1380-203 FOR DESC.
9	17.182	5.727		3.669		14.862	4.[illegible]4		3.669	
									3.669	SUMMATION OF RUN
									7.338	T.B.M. AT AZUSA CN. RD TO B.M. 16-3
										TOTAL BACKSIGHTS + 52.957
										TOTAL FORESIGHTS - 42.479
		52.957					42.479			DIFF IN ELEVATION + 10.478

F.B. 2104 P.G. 54

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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L.A. CO. RD. 1950

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 10:15 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-3 To B.M.
Date 5-14-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5212		205	3.625		6.469		197	3.631	
	5.007		206			6.272		196		
	4.799		411			6.076		393		
10	5.018	5.006		4.036		18.817	6.272		4.024	
	4.928		207			5.807		208		
	4.721		204			5.599		205		
	4.517		411			5.394		413		B.M. 16-4 NOT FOUND
11	14.166	4.722		4.447		16.800	5.600		4.437	
	5.032		039			6.022		040		
	4.993		037			5.982		040		
	4.956		076			5.942		080		
12	14.981	4.994		4.523		17.946	5.982		4.517	+14.722
		14.722					17.854			-17.854
										-3.132
										B.M. 16-4A SAN BERNARDINO RD. AT P.I.
	5888		166			6.444		161		
	5.722		163			6.283		161		
	5.559		329			6.123		322		
13	17.169	5.723		4.852		18.850	6.283		4.839	

F.B. 2404 P.G. 65

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 CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 10:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 16-3 To B.M.
Date 5-14-56
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
	4.642	5.723	210	4.852		6.509	6.[illegible]	198	4.839	
	4.432		207			6.311		199		
	4.225		417			6.112		397		
14	13.299	4.433		5.269		18.932	6.311		5.236	
	5.179		208			4.231		206		
	4.971		204			4.025		206		
	4.767		412			3.819		412		
15	14.917	4.972		5.681		12.075	4.025		5.648	
	5.555		203			7.584		202		
	5.352		204			7.382		203		
	5.148		407			7.179		405		
16	16.055	5.352		6.088		22.145	7.382		6.053	
	3.817		199			6.508		210		
	3.618		199			6.298		210		
	3.419		398			6.088		420		
17	10.854	3.618		6.486		18.894	6.298		6.473	
	6.211		157			4.482		150		
	6.054		155			4.332		147		
	5.899		312			4.185		297		
18	18.164	6.055		6.798		12.999	4.333		6.770	
		30.153					34.632			

F.B. 224 P.G. 56

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party: G. E. DREIER Weather: CLEAR Inst. No. 50010
Notes by: G. E. DREIER Time: 8:30 TO 10:15 Rod No. 11 & 12

Name: L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 16-3 To: B.M.
Date: 5-14-56
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
	2.712	30.153	170	6.798		7.648	34.632	177	6.770	
	2.542		170			7.471		179		
	2.372		340			7.292		356		
19	7.626	2.542		7.138		22.411	7.470		7.126	
	4.338		187			7.219		182		+ 36.847
	4.151		183			7.037		181		− 49.139
	3.967		370			6.856		363		− 12.292
20	12.456	4.152		7.508		21.112	7.037		7.489	
		36.847					49.139		7.508 14.997 =0.97m	B.M. PUENTE G-2

F.B. 2101 P.G. 57

76P526 S & E #379 1-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No 50010
Notes by Time Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NF
Job No 0301.02
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. 2104 P.G. 58

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 Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:15 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. To B.M. 16-3
Date 5-14-56
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
	7.162		194		#11	4.282		187		B.M. PUENTE G-2
	6.978		190			4.095		184		PUENTE AVE & EL MONTE ST
	6.798		384			3.911		371		SEE F.B.
1	20.938	6.979		.384	82°	12.288	4.096		.371	
	7.598		179			2.659		167		
	7.419		178			2.492		171		
	7.241		357			2.321		338		π J. MOODY
2	22.258	7.419		.741		7.472	2.491		.709	
	4.462		149			6.192		159		
	4.313		145			6.033		155		
	4.168		294			5.878		314		
3	13.943	4.314		1.035		18.103	6.034		1.023	
	6.558		209			3.870		202		
	6.349		208			3.668		198		
	6.141		417			3.470		400		
4	19.048	6.349		1.452		11.008	3.669		1.423	
	7.571		200			5.548		209		
	7.371		199			5.339		208		
	7.172		399			5.131		417		
5	22.114	7.371		1.851		16.018	5.339		1.840	
		32.432					21.629			

F.B. 2404 P.G. 52

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: CLEAR Inst. No: 50010
Notes by: G. E. DREIER Time: 10:15 TO 11:00 Rod No: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No: 03.01.02
From: B.M. To: B.M. 16-3
Date: 5-14-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.279	32.432	204	1.851		5.233	21.629	207	1.840	
	4.075		204			5.026		208		
	3.871		408			4.818		415		
6	12.225	4.075		2.259		15.077	5.026		2.255	
	6.482		200			4.615		208		
	6.282		197			4.407		208		
	6.085		397			4.199		416		
7	18.849	6.283		2.656		13.221	4.407		2.671	
	6.522		160			5.971		164		+ 49.152
	6.362		161			5.807		165		- 36.869
	6.201		321			5.642		329		+ 12.283
8	19.085	6.362		2.977		17.420	5.807		3.000	
		49.152					36.869			B.M. 16-4A (L.A.CO.RD. 1950) SAN BERNARDINO RD. AT P.I. FT. W. OF AZUSA CN. RD. A "L.A. CO. RD. 1950" BRASS
	5.941		040			4.950		039		DISC. 12" BELOW SURFACE UNDER CAST IRON COVER
	5.901		039			4.911		039		
	5.862		079			4.872		078		
9	17.704	5.901		3.056		14.733	4.911		3.078	

F.B. 2404 PG. 60

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 CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:15 TO 11:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. To B.M. 16-3
Date 5-14-56
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
	5.875	5.901	206	3.056		5.001	4.911	206	3.078	
	5.669		204			4.795		204		
	5.465		410			4.591		410		+ 17.279
10	17.009	5.670		3.466		14.387	4.796		3.488	- 14.148
	5.908		201			4.642		201		+ 3.131
	5.707		199			4.441		200		T.B.M.
	5.508		400			4.241		401		SAN BERNARDINO RD. & AZUSA
11	17.123	5.708		3.868	85	13.324	4.441		3.889	CANYON RD, N.E. COR, L.S.T.
		17.279					14.148			IN CURB 1.5 FT. E. OF E. END C.R.
	6.293		194			5.588		187		
	6.099		191			5.399		186		
	5.908		385			5.213		373		
12	18.300	6.100		4.251	86°	16.200	5.400		4.262	
	6.085		213			4.828		210		
	5.872		214			4.618		210		
	5.658		427			4.408		420		
13	17.615	5.872		4.678		13.854	4.618		4.688	
		11.972					10.018			

F.B. 2404 P.G. 61

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: CLEAR Inst. No. 50010
Notes by: G. E. DREIER Time: 1:15 TO 2:00 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. To: B.M. 16-5
Date: 5-14-56
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
	6.118	11.972	219	4.678		4.511	4.293	218	4.682	
	5.899		217			4.293		215		
	5.682		436			4.078		433		
14	17.699	5.900		5.114		12.882	4.294		5.115	
	6.411		232			5.072		231		
	6.179		228			4.841		230		
	5.951		460			4.611		461		
15	18.541	6.180		5.574		14.524	4.841		5.576	
	6.207		199			5.059		182		
	6.008		197			4.877		183		
	5.811		396			4.694		365		
16	18.026	6.009		5.970		14.630	4.877		5.941	
	6.014		193			4.728		190		
	5.821		190			4.538		190		
	5.631		383			4.348		380		
17	17.466	5.822		6.353		13.614	4.538		6.321	
	5.658		185			4.305		191		
	5.473		181			4.114		187		
	5.292		366			3.927		378		
18	16.423	5.474		6.719		12.346	4.115		6.709	
		41.357					32.683			

F.B. 2104 P.G. 52

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 Inst. No 50010
Notes by G. E. DREIER Time 1:15 TO 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. To B.M 16-3
Date 5-14-56
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
	5.301	41.357	183	6.719 ✓		4.274	32.683	189	6.709 699	
	5.118		185			4.085		186		
	4.933		368 ✓			3.899		375 ✓		+52.105 ✓
19	15.352 ✓	5.117 ✓		7.087 ✓		12.258 ✓	4.086 ✓		7.084	-41.628 ✓
	5.843		212			5.075		217		+10.477 ✓
	5.631		213			4.858		213		
	5.418		425 ✓			4.645		430 ✓		B.M. 16-3
20	16.892 ✓	5.631 ✓		7.512 ✓	88°	14.578 ✓	4.859 ✓		7.504	IRWINDALE AVE & SAN BERNARDINO RD.
		52.105 ✓					41.628 ✓			SEE F.B. 1380-202 FOR DESC.

F.B. 2404 P.G. 63

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 50010
Notes by Time Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
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. 2424 P.G. 32

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 Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:30 TO 10:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 16-3 To B.M.
Date 5-14-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.332		214		#11	6.102		210		B.M. 16-3
	5.118		212			5.892		210		IRWINDALE AVE & SAN BERNARDINO RD.
	4.906		426			5.682		420		SEE F.B. 1380-202 FOR DESC.
1	15.356	5.119		.426	74°	17.676	5.892		.420	
	4.785		183			5.828		189		
	4.602		183			5.639		188		
	4.419		366			5.451		377		T J. MOODY
2	13.806	4.602		.792		16.918	5.639		.797	
	4.619		181			5.988		190		
	4.438		182			5.798		190		
	4.256		363			5.608		380		
3	13.313	4.438		1.155		17.394	5.798		1.177	
	5.062		190			6.358		195		
	4.872		191			6.163		191		
	4.681		381			5.972		386		
4	14.615	4.872		1.536		18.493	6.164		1.563	
	5.122		187			6.257		195		
	4.935		187			6.062		194		
	4.748		374			5.868		389		
5	14.805	4.935		1.910		18.187	6.062		1.952	
		23.966					29.555			

F.B. 2407 P.G. 62

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 CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 10:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-3 To B.M.
Date 5-14-56
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
	5.138	23.966	220	1.910		6.502	29.555	240	1.952	
	4.918		219			6.262		243		
	4.699		439			6.019		483		
6	14.755	4.918		2.349		18.783	6.261		2.435	
	4.575		217			6.189		221		
	4.358		213			5.968		220		
	4.145		430			5.748		441		
7	13.078	4.359		2.779		17.905	5.968		2.876	
	4.657		221			5.899		206		
	4.436		217			5.693		205		
	4.219		438			5.488		411		
8	13.312	4.437		3.217		17.080	5.693		3.287	
	4.877		205			5.543		172		+ 42.353
	4.672		203			5.371		172		- 52.848
	4.469		408			5.199		344		- 10.495
9	14.018	4.673		3.625		16.113	5.371		3.631	
		42.353					52.848			T.B.M. SAN BERNARDINO RD. & AZUSA CANYON RD., N.E. COR., L.&T. IN CURB 1.5 FT. E. OF E. END C.R.

F.B. 2404 P.G. 66

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 Weather CLEAR Inst. No. 50910
Notes by G. E. DREIER Time 2:00 TO 2:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-3 To T.B.M. AZUSA CN. RD.
Date 5-14-56
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
	5.085		216		#11	5.848		213		B.M. 16-3
	4.869		212			5.635		210		IRWINDALE AVE. & SAN BERNARDINO RD.
	4.657		428			5.425		423		SEE F.B. 1380-202
1	14.611	4.870		.428	88°	16.908	5.636		423	
	4.278		185			5.310		185		
	4.093		185			5.125		184		T J. MOODY
	3.908		370			4.941		369		
2	12.279	4.093		.798		15.376	5.125		.792	
	4.118		185			5.485		187		
	3.933		182			5.298		189		
	3.751		367			5.109		376		
3	11.802	3.934		1.165		15.892	5.297		1.168	
	4.926		191			6.212		190		
	4.735		191			6.022		191		
	4.544		382			5.831		381		
4	14.205	4.735		1.547		18.065	6.022		1.549	
	5.143		191			6.269		190		
	4.952		190			6.079		190		
	4.762		381			5.889		380		
5	14.857	4.952		1.928		18.237	6.079		1.929	
		22.584					28.159			

F.B. 2104 P.G. 57

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 CLEAR-HOT Inst. No 50010
Notes by G. E. DREIER Time 2:00 TO 2:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-3 To T.B.M. AZUSA CN. RD.
Date 5-14-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
? 5-4	4.113	22.584	231	1.928		6.442	28.159	229	1.929	
	4.882		230			6.213		230		
	4.652		461			5.983		459		
6	13.647	4.882		2.389		18.638	6.213		2.388	
	4.618		216			6.223		218		
	4.402		219			6.005		218		
	4.183		435			5.787		436		
7	13.203	4.401		2.824		18.015	6.005		2.824	
	4.895		212			6.157		215		
	4.683		208			5.942		214		
	4.475		420			5.728		429		
8	14.053	4.684		3.244		17.827	5.942		3.253	+ 42.006
										− 52.473
										− 10.467
	5.642		188			6.348		195		
	5.454		186			6.153		191		T.B.M.
	5.268		374			5.962		386		SAN BERNARDINO RD. & AZUSA CN.
9	16.364	5.455		3.618		18.463	6.154		3.639	RD. N.E. COR., L. & T. IN CURB 15
		42.006					52.473			FT. E. OF E. END OF CURB RETURN

F.B. 2204 P.G. 69

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 PART CLOUDY & RAIN Inst. No. 50010
Notes by G. E. DREIER Time 9:45 TO 1:30 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. To B.M. 16-7
Date 5-9-56
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
	5.439		046		#11	6054		067		B.M. (PUENTE G-2, 1954)
	5.393		045			5.987		068		PUENTE AVE & EL MONTE ST.
	5.348		091			5.919		135		
1	16.180	5.393		.091	62°	17.960	5.987		.135	+5.393 -5.987 -0.594
										B.M. 16-5 PUENTE AVE. & EL MONTE ST. & INT. SEE F.B. 1380-204 FOR DESC
	5.078		.187			6432		194		
	4.889		188			6.238		190		
	4701		377			6.048		384		
2	14.668	4.889		.468		18.718	6.239		.519	
	4.803		197			6565		194		
	4.606		197			6.371		192		
	4.409		394			6.179		386		
3	13.818	4.606		.862		19.115	6.372		.905	
	4.842	9.495	199			6.602	12.611	193		THIS TURN IS A DUPLICATION OF TURN NO. 3 THUS OMIT.
	4.643		195			6.409		194		
	4.448		394			6.215		387		
4	13.933	4.644		1.256		19.226	6.409		1.292	
		14.939					19.020			

F.B. 2404 P.G. 68

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 RAIN Inst. No. 50010
Notes by G. E. DREIER Time 9:45 TO 1:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0310.2
From B.M. To B.M. 16-7
Date 5-9-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.685	~~14.139~~	192	~~1.256~~		6.522	~~[illegible]~~	197	~~1.292~~	
	4.493	9.495	188	.862		6.325	12.611	198	.905	
	4.305		380	1.242		6.127		395	1.300	
5	13.483	4.494		~~1.636~~		18.974	6.325		~~1.687~~	
	4731		194			6.478		196		
	4537		193			6.282		194		
	4344		387	1.629		6.088		390	1.690	
6	13.612	4.537		~~2.023~~		18.848	6.283		~~2.077~~	
	4998		196			6.251		190		
	4.802		195			6.061		190		
	4.607		391	2.020		5.871		380	2.070	
7	14.407	4.802		~~2.414~~		18.183	6.[illegible]61		~~2.457~~	
	5.259		100			6.233		096		+ 28.487
	5159		100			6.137		095		− 37.417
	5.059		200	2.220		6.042		191	2.261	− 8.930
8	15.477	5.159		~~2.614~~		18.412	6.137		~~2.648~~	
		~~33.131~~ 28.487					~~43.8[illegible]6~~ 37.417			B.M. 16-6 PUENTE AVE. & CLEARY DR. SEE F.B. 1380-205 FOR DESC.

F.B. 2404 P.G. 70

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY-PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:45 TO 1:30 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. To B.M. 16-7
Date 5-9-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.546		095	~~2.614~~ 2.220		5.596		091	~~2.648~~ 2.261	
	5.451		092			5.505		090		
	5.359		187	2.407		5.415		181	2.442	
9	16.356	5.452		~~2.801~~		16.516	5.505		~~2.829~~	
	5.119		188			5.991		193		
	4.931		188			5.798		195		
	4.743		376	2.783		5.603		388	2.830	
10	14.793	4.931		~~3.177~~		17.392	5.797		~~3.217~~	
	4.902		123			6.338		129		+ 19.835
	4.779		122			6.209		130		− 23.466
	4.657		245	3.028		6.079		259	3.089	− 3.631
11	14.338	4.779		~~3.422~~		18.626	6.209		~~3.476~~	
	4.795		122			6.054		099		
	4.673		121			5.955		099		B.M. 16-7
	4.552		243	3.271		5.856		198	3.287	PUENTE AVE AT & PT. AT ROOTAVE.
12	14.020	4.673		~~3.665~~		17.865	5.955		~~3.674~~	SEE F.B. 1280-206 FOR DESC.
		19.835					23.466		3.271	
									6.558	

F.B. 2405 P.G. 71

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 WINDY-CLOUDY-RAIN Inst. No. 500/0
Notes by G. E. DREIER Time 1:30 TO Rod No 11912

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-7 To B.M.
Date 5-9-56
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	6.248 6.138 6.031 18.417	6.139	110 107 217	.217		4.966 4.855 4.743 14.564	4.855	111 112 223	.223	B.M. 16-7 PUENTE AVE AT ⊼ PT. AT ROOT AVE SEE F.B. 1380-206 FOR DESC.
2	6.351 6.222 6.095 18.668	6.223	129 127 256	.473		4.917 4.793 4.671 14.381	4.794	124 122 246	.469	⊼ J. MOODY
3	5.959 5.765 5.572 17.296	5.765	194 193 387	.860		5.089 4.899 4.711 14.699	4.900	190 188 378	.847	
4	5.581 5.491 5.401 16.473	5.491	090 090 180	1.040		5.528 5.435 5.343 16.306	5.435	093 092 185	1.032	+23.618 -19.984 +3.634
		23.618					19.984			B.M. 16-6 PUENTE AVE & CLEARY DR. SEE F.B. 1380-205 FOR DESC.

F.B. 2404 P.G. 72

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-7 To B.M.
Date 5-9-56
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
	6.069		107	1.040		5.077		092	1.032	
	5.962		104			4.985		091		
	5.858		211			4.894		183		
5	17.889	5.963		1.251		14.956	4.985		1.215	
	6.271		192			5.023		196		
	6.079		190			4.827		196		
	5.889		382			4.631		392		
6	18.239	6.080		1.633		14.481	4.827		1.607	
	6.531		196			4.783		192		
	6.335		196			4.591		193		
	6.139		392			4.398		385		
7	19.005	6.335		2.025		13.772	4.591		1.992	
	7.059		200			5.218		190		
	6.859		196			5.028		189		
	6.663		390			4.839		379		
8	20.581	6.860		2.415		15.085	5.028		2.371	
	6.898		190			5.248		204		
	6.708		187			4.944		202		
	6.521		377			4.742		406		
9	20.127	6.709		2.792		14.834	4.945		2.777	
		31.947					24.376			

F.B. 24424 P.G. 73

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 RAIN Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-7 To B.M.
Date 5-9-56
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
	6.712	31.947	191	2.792		5.357	24.376	188	2.777	
	6.521		190			5.171		186		+ 38.468 ✓
	6.331		381			4.985		374		- 29.548 ✓
10	19.564	6.521		3.173		15.515	5.172		3.151	+ 8.920 ✓
		38.468					29.548			B.M. 16-5 PUENTE AVE & EL MONTE ST. SEE F.B. 1380-204 FOR DESC.
										+ 6.086 ✓
										- 5.489 ✓
										+ 0.597 ✓
	6.145		059			5.544		055		
	6.086		058			5.489		055		B.M. (PUENTE G-2 1954)
	6.028		117			5.434		110		PUENTE AVE. & EL MONTE ST.
11	18.259	6.086		3.290		16.467	5.489		3.261	

FB 2204 P.G. 74

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 50010
Notes by T. OHASHI Time 1:00 TO 1:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-7 To B.M. 16-8
Date 5-10-56
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
	5354		202		#11	6706		195		B.M. 16-7
	5152		201			6511		194		PUENTE AVE. & ∡ PT. AT ROOT AVE
	4951		403			6317		389		SEE F.B. 1380-206 FOR DESC.
1	15457	5.152		403		19534	6.511		389	
	5257		189			5949		186		
	5068		186			5763		184		⊼ G. E. DREIER
	4882		375			5579		370		
2	15207	5.069		778		17291	5.764		759	
	5222		201			6648		199		
	5021		201			6449		198		
	4820		402			6251		397		
3	15063	5.021		1180		19348	6.449		1156	
	4135		197			6742		200		
	3938		196			6542		199		
	3742		393			6343		399		
4	11815	3.938		1573		19627	6.542		1555	
	4939		199			6860		201		
	4740		199			6659		200		
	4541		398			6459		401		
5	14220	4.740		1971		19978	6.659		1956	
		23.920					31.925			

F.B. 2404 P.G. 25

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: [illegible] Weather: HAZY SUN Inst. No. 50010
Notes by: T. OHASHI Time: 1:00 TO 1:50 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 16-7 To: B.M. 16-8
Date: 5-10-56
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
	4628	23.920	199	1.971		6741	31.925	197	1.956	
	4429		197			6544		195		
	4232		396			6349		392		
6	13289	4.430		2.367		19634	6.545		2.348	
	5193		216			7254		216		
	4977		216			7038		215		B.M. 16-8
	4761		432			6823		431		PUENTE AVE, 190 FT. S. OF CLYDE AVE
7	14931	4.977		2.829		21115	7.038		2.779	SEE F.B. 1380-207 FOR DESC.
									2.829 / 3.548 = 0.36 m	
										SUMMATION OF RUN
										B.M. 16-7 TO B.M. 16-8
										TOTAL BACKSIGHTS + 33.327
										TOTAL FORESIGHTS - 45.508
										DIFF IN ELEVATION - 12.181
		33.327					45.508			

F.B. 2422 P.G. 76

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party: G. E. DREIER Weather: HAZY SUN Inst. No. 50910
Notes by: T. OHASHI Time: 1:50 TO 2:30 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No: 0301.02
From: B.M. 16-8 To: B.M. 16-7
Date: 5-10-56
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
	7395		217		#11	5330		217		B.M. 16-8
	7178		215			5113		215		PUENTE AVE., 190 FT. S. OF CLYDE-
	6963		432			4898		432		WOOD AVE.
1	21.536	7.179		.432		15.341	5.114		.432	SEE F.B. 1380-207 FOR DESC.
	6703		198			4593		196		
	6505		198			4397		198		↑ G.E. DREIER
	6307		396			4199		394		
2	19.515	6.505		.828		13.189	4.396		.826	
	6851		201			4929		198		
	6650		201			4731		199		
	6449		402			4532		397		
3	19.950	6.650		1.230		14.192	4.731		1.223	
	6705		202			4097		195		
	6503		200			3902		193		
	6303		402			3709		388		
4	19.511	6.504		1.632		11.708	3.903		1.611	
	6671		200			5240		201		
	6471		199			5039		201		
	6272		399			4838		402		
5	19.414	6.471		2.031		15.117	5.039		2.013	
		33.309					23.183			

F.B. 2404 P.G. 77

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No 50010
Notes by T. OHASHI Time 1:50 TO 2:30 Rod No 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 16-8 To BM. 16-7
Date 5-10-56
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
	5972	33.309	183	2.031		5285	23.183	189	2.013	
	5789		182			5096		189		
	5607		365			4907		378		
6	17368	5.789		2.396		15288	5.096		2.391	
	6582		195			5224		200		
	6387		197			5024		199		BM. 16-7
	6190		392			4825		399		PUENTE AVE AT ⊥ PT. AT ROOTAVE
7	19159	6.386		2.788		15073	5.024		2.790	SEE F.B. 1380-206 FOR DESC.
										SUMMATION OF RUN
										BM. 16-8 TO BM. 16-7
										TOTAL BACKSIGHT + 45.484
										TOTAL FORESIGHT − 33.303
										DIFF. IN ELEVATION +12.181
		45.484					33.303			

F.B. 2104 PG. 73

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 11:15 TO 12:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-8 To B.M. 16-9
Date 5-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.672		225			6.558		223		B.M. 16-8
	4.447		224			6.336		219		PUENTE AVE 190 FT. S. OF CLYDEWOOD AVE
	4.223		449			6.117		442		SEE F.B. 1380-207 FOR DESC.
1	13.342	4.447		.449		19.011	6.337		.442	
	4.655		199			6.479		206		
	4.456		198			6.273		202		
	4.258		397			6.071		408		J. MOODY
2	13.369	4.456		.846		24.823	6.274		.850	
	4.978		201			6.630		200		
	4.777		200			6.430		200		
	4.577		401			6.230		400		
3	14.332	4.770		1.247		19.290	6.430		1.250	
	4.972		189			6.548		195		
	4.783		185			6.353		191		
	4.598		374			6.162		386		
4	14.353	4.784		1.621		19.063	6.354		1.636	
	5.077		202			6.819		200		
	4.875		200			6.619		198		
	4.675		402			6.421		398		
5	14.627	4.876		2.023		19.859	6.620		2.034	
		23.334					32.015			
		40								

F.B. 2104 P.G. 70

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. 52010
Notes by G. E. DREIER Time 10:30 TO 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-9 To B.M. 16-8
Date 5-11-56
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
	7.913		191		#11	4.148		196		B.M. 16-9
	7.722		190			3.952		193		PUENTE AVE. & MERCED AVE.
	7.532		381			3.759		389		SEE F.B. 1380-208 FOR DESC.
1	23.167	7.722		.381	62°	11.859	3.953		.389	
	5.637		200			5.131		203		
	5.437		200			4.928		200		T J. MOODY
	5.237		400			4.728		403		
2	16.311	5.437		.781		14.787	4.929		.792	
	6.178		200			5.088		190		
	5.978		199			4.898		192		
	5.779		399			4.706		382		
3	17.935	5.978		1.180		14.692	4.897		1.174	
	5.981		193			5.050		207		
	5.777		195			4.843		205		
	5.572		388			4.638		412		
4	17.330	5.777		1.568		14.531	4.843		1.586	
	6.400		199			4.871		196		
	6.201		199			4.675		193		
	6.002		398			4.482		389		
5	18.603	6.201		1.966		14.028	4.676		1.975	
		31.115					23.298			

F.B. 1394 P.G. 21

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 G. E. DREIER Time 10:30 TO 11:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL[illegible]
Job No. 0301.02
From B.M. 16-9 To B.M. 16-8
Date 5-11-56
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
	6.539	31.115	200	1.966		4.793	22.98	201	1.975	
	6.339		198			4.592		200		
	6.141		398			4.392		401		
6	19.019	6.340		2.364		13.777	4.592		2.376	
	6.331		192			4.758		192		
	6.139		188			4.566		188		
	5.951		380			4.378		380		
7	18.421	6.140		2.744		13.702	4.567		2.756	
	6.616		201			4.959		201		
	6.415		202			4.758		200		
	6.213		403			4.558		401		
8	19.244	6.415		3.147		14.275	4.758		3.157	SUMMATION OF RUN
	6.632		205			4.803		198		B.M. 16-9 TO B.M. 16-8
	6.427		205			4.605		197		TOTAL BACKSIGHTS + 62.768
	6.222		410			4.408		395		TOTAL FORESIGHTS - 46.260
9	19.281	6.427		3.557		13.816	4.605		3.552	DIFF IN ELEVATION + 16.508
	6.551		220			4.663		224		B.M. 16-8
	6.331		220			4.439		221		PUENTE AVE. & 190' S. OF CLYDEWOOD AVE
	6.111		440			4.218		445		SEE F.B. 1380-207 FOR DESC.
10	18.993	6.331		3.997		13.320	4.440		3.997	
		62.768					46.260			

F.B. [illegible] P.G. 82

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party: E. E. DREIER Weather: OVERCAST Inst. No. 50010
Notes by: G. E. DREIER Time: 1:20 TO 2:30 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 16-9 To: B.M. 37-14
Date: 5-11-56
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
	7587		135			9571		132		B.M. 16-9
	7452		133			9439		128		PUENTE AVE & MERCED AVE
	7319		268			9311		260		SEE F.B 1380-208 FOR DESC.
1	22358	7453		268		28321	9440		260	
	0559		165			11543		190		
	0394		162			11353		190		T. J. MOODY
	0232		327			11163		380		
2	1185	0395		595		34059	11353		640	
	1151		200			9095		197		
	0951		196			8898		193		
	6755		396			8705		390		
3	2857	0952		991		26698	8899		1030	
	4662		195			4317		198		
	4467		196			4119		195		
	4271		391			3924		393		
4	13400	4467		1382		12360	4120		1423	
	10109		216			0626		189		
	9893		212			0437		187		
	9681		428			0250		376		
5	29683	9894		1810		13130	0438		1799	
		23161					34250			

F.B. 2004 P.G. 88

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1:20 TO 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-9 To B.M. 37-14
Date 5-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.571	23.161	193	1.810		3.482	3.250	190	1.799	
	10.378		193			3.293		189		
	10.185		386			3.104		379		
6	31.134	10.378		2.196		9.880	[illegible]		2.178	
	5.008		210			8.908		200		
	4.798		210			8.708		200		
	4.588		420			8.508		400		
7	14.394	4.798		2.616		26.124	8.708		2.578	
	4.643		200			5.559		213		
	4.443		198			5.346		209		
	4.245		398			5.137		422		
8	13.331	4.444		3.014		16.042	[illegible]		3.000	
	6.282		204			3.611		200		
	6.078		203			3.411		200		
	5.875		407			3.211		400		
9	18.235	6.078		3.421		10.233	3.411		3.400	
	7.748		200			4.415		207		
	7.548		200			4.208		205		
	7.348		400			4.003		412		
10	22.644	7.548		3.821		12.626	4.209		3.812	
	56.407					52.218				

F.B. 2404 P.G. 34

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No 50010
Notes by G. E. DREIER Time 1:20 TO 2:30 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-9 To B.M. 37-14
Date 5-11-56
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
	5953	56.407	165	3821		6.178	59.218	160	3812	
	5.788		163			6.018		157		
	5.625		328			5.861		317		
11	17.366	5.789		4.149		18.057	6.019		4.129	
	4.011		203			8.307		201		
	3.808		200			8.106		200		
	3.608		403			7.906		401		
12	11.427	3.809		4.552		24.319	8.106		4.530	
	2.941		193			7.332		193		
	2.748		190			7.139		189		
	2.558		383			6.950		382		
13	8.247	2.749		4.935		21.421	7.140		4.912	
	4.498		191			8.157		198		+ 73.062
	4.307		188			7.959		197		- 88.442
	4.119		379			7.762		395		- 15.380
14	12.924	4.308		5.314		23.878	7.959		5.307	
										B.M. 37-14 A (R.M. #1 PUENTE D-5) PUENTE AVE & FRANCISQUITO AVE SEE F.B1358-231 & 232 FOR ELEV.
		73.062					88.442			

F.B. 7 P.G. 85

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1:20 TO 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-9 To B.M. 37-14
Date 5-11-56
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
	7.108		020	5.314		4.329		015	5.307	+ 7.088 ✓
	7.088		020			4.314		014		- 4.314 ✓
	7.068		040			4.300		029		+ 2.774 ✓
15	21.264	7.088		5354		12.943	4.314		5.336	
										T.B.M. L.&T. PUENTE AVE & FRANCESQUITO AVE, ELY COR, L.&T. IN COR, CULVERT HEADWALL
	4.769		039			6.308		030		+ 4.740
	4.740		038			6.278		030		- 6.278
	4.712		077			6.248		060		- 1.538 ✓
16	14.221	4.740		5.431		18.834	6.278		5.396	B.M. 37-14 (PUENTE D-5)
									5431 ✓ 10,827 ✓ =0.70 mi. ✓	PUENTE AVE & FRANCISQUITO AVE SEE F.B. 1358-21 FOR DESC.

F.B. 2404 P.G. 86

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. 50010
Notes by G.E. DREIER Time 9:00 TO 10:30 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 37-14 To BM. 16-9
Date 5-11-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.286 6.260 6.235 18.781	6.260	026 025 051	.051		4.754 4.723 4.692 14.169	4.723	031 031 062 -	.062	B.M. 37-14 (PUENTE D-5) PUENTE AVE & FRANCISQUITO AVE SEE F.B. 1358-21 FOR D'FSC. +6.260 -4.723 +1.537
										T.B.M. PUENTE AVE & FRANCISQUITO AVE ELY. COR, L.&T. IN COR. OF CULVERT HEAD WALL
2	4.183 4.169 4.156 12.508	4.169	014 013 027	078		6.959 6.943 6.926 20.828	6.943	016 017 033	.095	+4.169 -6.943 -2.774
										B.M. 37-14A (R.M. #1 PUENTE D-5) PUENTE AVE. & FRANCISQUITO AVE, E'LY COR. 28.8 N.E. & 30.9 S.E. OF ℄, 24" DEEP. SEE F.B. 1358-231 & 232 FT. FOR ELEV.
3	8.051 7.862 7.674 23.587	7.862	189 188 377	.455		4.408 4.208 4.012 12.628	4.209	200 196 396	.491	

F.B. 2404 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 OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 9:00 TO 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-14 To B.M. 16-9
Date 5-11-56
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
	7.348	7.862	190	.455		2.965	4.09	194	.491	
	7.158		187			2.771		194		
	6.971		377			2.577		388		
4	21.477	7.159		.832		8.313	2.771		.879	
	8.293		201			3.997		202		
	8.092		200			3.795		202		
	7.892		401			3.593		404		
5	24.277	8.092		1.233		11.385	3.795		1.283	
	6.092		158			5.869		164		
	5.934		159			5.705		164		
	5.775		317			5.541		328		
6	17.801	5.934		1.550		17.115	5.705		1.611	
	4.471		206			7.811		200		
	4.265		206			7.611		200		
	4.059		412			7.411		400		
7	12.795	4.265		1.962		22.833	7.611		2.011	
	3.571		200			6.238		203		
	3.371		203			6.035		201		
	3.168		403			5.834		404		
8	10.110	3.370		2.365		18.107	6.036		2.415	
		36.682					20.127			

F.B. 3204 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 THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-14 To B.M. 16-9
Date 5-11-56
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
	5459	36.682	220	2.365		4531	30.127	192	2.415	
	5.239		218			4.339		191		
	5.021		438			4.148		383		
9	15.729	5.240		2.803		13.018	4.339		2.798	
	8.811		200			4911		212		
	8.611		200			4.699		208		
	8.411		400			4491		420		
10	25.833	8.611		3.203		14.101	4.700		3.218	
	2759		187			9.852		194		
	2.572		189			9.658		194		
	2.383		376			9.464		388		
11	7.714	2.571		3.579		28.974	9.658		3.606	
	0643		191			10123		211		
	0452		192			9912		210		
	0260		383			9702		421		
12	1355	0452		3962		29737	9.912		4.027	
	4.345		212			4.663		182		
	4.133		208			4.481		181		
	3.925		420			4.300		363		
13	12.403	4.134		4.382		13.444	4.481		4.390	
		57.690					63.217			

F.B. 2704 P.G. 57

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 THIN OVE CAST Inst. No. 5001.0
Notes by G. E. DREIER Time 9:00 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-14 To B.M. 16-9
Date 5-11-56
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
	8.992	57.690	194	4.382		1.053	63.217	200	4.390	
	8.798		196			0.853		196		
	8.602		390			0.657		396		
14	26.392	8.797		4.772		2.563	0.854		4.786	
	11.679		188			0.697		165		
	11.491		189			0.532		161		
	11.302		377			0.371		326		+87.448
15	34.472	11.491		5.149		1.600	0.533		5.112	-72.092
	9.589		120			7.631		144		+15.356
	9.469		118			7.487		142		B.M. 16-9
	9.351		238			7.345		286		PUENTE AVE. & MERCED AVE
16	28.409	9.470		5.387		22.463	7.488		5.398	SEE F.B. 1380-208 FOR DESC.
		87.448					72.092			
										SUMMATION OF RUN
					DIFF IN ELEV.	B.M. 37-14	TO	T.B.M. L.&T.		+1.537
					" " "	T.B.M. L.&T.	TO	B.M. 37-14A		-0.774
					" " "	B.M. 37-14A	TO	B.M. 16-9		+15.356

F.B. 7404 P.G. 90

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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-15.380
+15.356

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No 50010
Notes by J. MOODY Time 9:00 TO 10:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From 37-14A To B.M. 16-9
Date 5-16-56
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
	8592		194		#11	4939		191		B.M. 37-14A (R.M.#1 PUENTE D-9)
	8398		192			4748		195		SEE F.B. 1358-231 & 232 FOR
	8206		386			4553		386		DESC.
1	25196	8.399		.386	86°	14240	4.747		386	
	7448		191			3056		193		
	7257		190			2863		192		↑ G.E. DREIER
	7067		381			2671		385		
2	21772	7.257		.767		8590	2.863		.771	
	8401		201			4105		201		
	8200		202			3904		200		
	7998		403			3704		401		
3	24599	8.200		1.170		11713	3.904		1.172	
	6238		158			6018		165		
	6080		157			5853		164		
	5923		315			5689		329		
4	18241	6.080		1.485		17560	5.853		1.501	
	4513		205			7853		201		
	4308		205			7652		199		
	4103		410			7453		400		
5	12924	4.308		1.895		22958	7.653		1.901	
		34244					25020			

F.B. 2504 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 CLEAR Inst. No. 50010
Notes by J. A. Moody Time 9:00 to 10:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0391.02
From 37-14A To BM 16-9
Date 5-16-56
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
	3737	34244	203	1,895		6405	25020	203	1,901	
	3534		202			6202		204		
	3332		405			5998		407		
6	10603	3534		2,300		18605	6202		2,308	
	5597		210			4682		199		
	5387		210			4483		197		
	5177		420			4286		396		
7	16161	5387		2,720		13451	4484		2,704	
	9289		218			5352		192		
	9071		218			5160		192		
	8853		436			4968		384		
8	27213	9071		3,156		15480	5160		3,088	
	3600		189			10691		192		
	3411		188			10,499		191		
	3223		377			10,308		383		
9	10234	3411		3,533		31,498	10,499		3,471	
	0733		180			10,233		221		
	0553		180			10,012		223		
	0373		360			9,789		444		
10	1659	0553		3,893		30034	10,011		3,915	
	56200					61,376				

F.B. 2404 P.G. 92

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 CLEAR Inst. No 50010
Notes by J. A. MOODY Time 9:00 to 10:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From 37-14A To BM 16-9
Date 5-16-56
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
	4460	56.200	193	3.893		4809	61.376	197	3915	
	4267		196			4612		194		
	4071		389			4418		391		
11	12798	4.266		4282		13839	4613		4306	
	9150		197			0589		199		
	8953		193			0390		197		
	8760		390			0193		396		
12	26863	8954		4672		1172	0391		4702	
	11051		190			0681		162		
	10861		191			0519		162		
	10671		381			0357		324		
13	32583	10.861		5053		1557	0519		5026	
	9719		126			7745		136		BM 16-9
	9593		123			7609		138		PUENTE AVE & MERCED AVE
	9470		249			7471		274		SEE 1388- FOR DESC.
14	28782	9594		5302		22825	7608		5300	
										SUMMATION of RUN
										BM 37-14A to BM 16-9
										TOTAL BACKSIGHTS +89.875
										" FORE " -74.507
		89.875					74.507			DIF IN ELEV. 15.368

F.B. 2404 P.G. 33

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. A. Mooney Time 10:00 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-9 To 37-14.19
Date 5-16-56
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
	7641		137		#11	9615		125		BM 16-9
	7504		134			9490		129		PUENTE AVE & MERCED AVE
	7370		271			9365		254		SEE F. B. 1388- FOR DESC.
1	22515	7505		271		28470	9490		254	
	0624		164			10987		187		
	0460		167			10,800		186		
	0293		331			10614		373		
2	1,377	0459		602		32401	10,800		627	
	0568		197			9130		193		
	0371		196			8937		196		
	0175		393			8741		389		
3	1,114	0371		995		26808	8936		1016	
	4806		198			4491		193		
	4608		195			4258		195		
	4413		393			4063		388		
4	13827	4609		1388		12772	4257		1404	
	19088		210			0611		193		
	9878		210			0418		189		
	9668		420			0229		382		
5	29634	9878		1808		1258	0419		1786	
	22822					33902				

F.B. 1904 P.G. 94

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. A. MOODY Time 10:00 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-9 To 37-14 A
Date 5-16-56 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
	10623	22822	187	1808		3538	33902	195	1786	
	10436		188			3343		192		
	10248		375			3151		387		
6	31307	10436		2183		10032	3344		2173	
	5205		202			9128		211		
	5003		200			8917		208		
	4803		402			8709		419		
7	15011	5004		2585		26754	8918		2592	
	4710		200			5622		210		
	4510		199			5412		211		
	4311		399			5201		421		
8	13531	4510		2984		16235	5412		3013	
	6380		203			3710		201		
	6177		200			3509		200		
	5977		403			3309		401		
9	18534	6178		3387		10528	3509		3414	
	7820		201			4482		207		
	7619		199			4277		205		
	7420		400			4072		412		
10	22859	7620		3787		12831	4277		3826	
		56570					59362			

F.B. 2104 P.G. 75

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 Clear Inst. No. 50010
Notes by J. A. Moody Time 10:00 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-9 To 37-14 A
Date 5-16-56
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
	6071	56.570	164	3787		6289	59.362	159	3826	
	5907		165			6130		158		
	5742		329			5972		317		
11	17720	5907		4116		18391	6.130		4143	
	4079		200			8378		200		
	3879		200			8178		200		
	3679		400			7978		400		
12	16377	3.879		4516		24534	8.178		4543	
	3003		198			7382		184		
	2805		196			7198		186		
	2609		394			7012		370		
13	8417	2.806		4910		21592	7.197		4913	
	4571		193			8220		192		BM 37-14 A
	4378		195			8028		190		PUENTE AVE & FRANCISQUITO AVE
	4183		388			7838		382		SEE F.B. 1358 - 231, 232, FOR DESC.
14	13132	4.377		5298		24086	8.029		5295	
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +73.539
										" FORE " - 88.896
										DIFF IN ELEV. - 15.357
		73.539					88.896			

F.B. 2404 P.G. 76

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 CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:20 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-14 To B.M. 16-11A
Date 5-16-56
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
	5.444		152			5.612		153		B.M. 37-14 (PUENTE D-5) AVE
	5.292		151			5.459		151		PUENTE AVE & FRANCISQUITO
	5.141		303			5.308		304		SEE F.B. 1358-21 FOR DESC.
1	15.877	5.292		.303	94°	16.379	5.460		.304	
	4.485		206			5.917		201		
	4.279		207			5.716		200		T J. MOODY
	4.072		413			5.516		401		
2	12.836	4.279		.716		17.149	5.716		.705	
	4.082		194			5.737		199		
	3.888		190			5.538		199		
	3.698		384			5.339		398		
3	11.668	3.889		1.100		16.614	5.538		1.103	
	4.399		196			5.758		200		
	4.203		192			5.558		199		
	4.011		388			5.359		399		
4	12.613	4.204		1.488		16.675	5.558		1.502	
	4.091		198			5.322		201		
	3.893		195			5.121		202		
	3.698		393			4.919		403		
5	11.682	3.894		1.881		15.362	5.121		1.905	
		24.558					27.393			

F.B. 2104 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 CLEAR-HOT Inst. No. 50010
Notes by G. E. DREIER Time 11:20 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 37-14 To B.M. 16-11A
Date 5-16-56
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
	4.598	21.558	201	1.881		5.839	27.393	196	1.905	
	4.397		199			5.643		194		
	4.198		400			5.448		390		
6	13.193	4.398		2.281		16.930	5.643		2.295	
	4.223		194			5.383		200		
	4.029		194			5.183		196		
	3.835		388			4.987		396		
7	12.087	4.029		2.669		15.553	5.184		2.691	
	3.465		197			5.427		196		
	3.268		195			5.231		198		
	3.073		392			5.033		394		
8	9.806	3.269		3.061		15.691	5.230		3.085	
	3.941		189			5.282		201		
	3.752		190			5.081		200		
	3.562		379			4.881		401		
9	11.255	3.752		3.440		15.244	5.081		3.486	
	3.899		190			5.399		200		
	3.709		190			5.199		200		
	3.519		380			4.999		400		
10	11.127	3.709		3.820		15.597	5.199		3.886	
		40.715					53.730			

F.B. 22 P.G. 23

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 Inst. No. 50010
Notes by G. E. DREIER Time 1:10 TO 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-14 To B.M. 16-11A
Date 5-16-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.262	40.715	200	3.820		4.819	53.730	192	3.886	
	4.062		199			4.627		195		
	3.863		399			4.432		387		
11	12.187	4.062		4.219	95°	13.878	4.626		4.273	
	4.431		210			5.129		194		
	4.221		208			4.935		192		
	4.013		418			4.743		386		
12	12.665	4.222		4.637		14.807	4.936		4.659	
	4.286		207			5.999		194		
	4.079		207			5.805		193		
3	4.872		414			5.612		387		
13	13.237	4.079		5.051		17.416	5.805		5.046	
12	4.217		199			5.571		196		
	4.018		199			5.375		193		
	3.819		398			5.182		389		
14	12.054	4.018		5.449		16.128	5.376		5.435	
	4.391		185			5.351		199		
	4.206		183			5.152		195		
	4.023		368			4.957		394		
15	12.620	4.207		5.817		15.460	5.153		5.829	
		61.303					79.626			

F.B. 2404 P.G. 99

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 CLEAR-HOT Inst. No 50010
Notes by G. E. DREIER Time 1:10 TO 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 37-14 To B.M. 16-11A
Date 5-16-56
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
	3.804	61.303	199	5.817		4.742	7.626	194	5.829	
	3.605		196			4.548		196		
	3.409		395			4.352		390		
16	10.818	3.606		6.212		13.642	4.547		6.219	
	4.086		137			4.816		149		
	3.949		136			4.667		148		B.M. 16-11 NOT FOUND, STREET
	3.813		273			4.519		297		HAS BEEN RECONSTRUCTED
17	11.848	3.949		6.485		14.002	[illegible]		6.516	
	4.911		144			7.237		139		
	4.767		144			7.098		140		B.M. 16-11A
	4.623		288			6.958		279		PUENTE AVE & TORCH ST. &
18	14.301	4.767		6.773		21.293	7.098		6.795	A STD. C.S. MON. LETTERED "COUNTY
									6.773	SURVEYOR RE. 62", 26" BELOW
									13.568	PAVEMENT UNDER COVER
									-0.87	
										SUMMATION OF RUN
										B.M. 37-14 TO BM. 16-11A
										TOTAL BACKSIGHTS +73.625
										TOTAL FORESIGHTS - 95.938
										DIFF IN ELEVATION - 22.313
		73.625					95.938			

F.B. 22 P.G. 22

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 11:15 TO 12:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 16-11A To B.M. 37-14
Date 5-17-56
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
	6.879		145		#11	4.548		139		B.M. 16-11A
	6.734		145			4.409		137		PUENTE AVE & TORCH ST., & PT.
	6.589		290			4.272		276		398 FT. N. OF ℄ INTER, A STD.
1	20.202	6.734		.290	80°	13.229	4.410		.276	C.S. MON. STAMPED "COUNTY
	4.538		147			3.818		140		SURVEYOR RE. 62" 26 INCHES
	4.391		146			3.678		140		BELOW PAV. SURFACE UNDER
	4.245		293	.583		3.538		280		CAST IRON COVER
2	13.174	4.391				11.034	3.678		.556	
	4.259		195			3.324		202		
	4.064		193			3.122		200		T. J. MOODY
3 — 4	4.871		388			2.922		402		
3	13.194	4.065		.971		9.368	3.123		.958	
	4.701		190			3.758		193		
12	4.511		190			3.565		190		
	4.321		380			3.375		383		
4	13.533	4.511		1.351		10.698	3.566		1.341	
	4.702		185			3.369		210		
	4.517		186			3.159		206		
	4.331		371			2.953		416		
5	13.550	4.517		1.722		9.481	3.160		1.757	
		24.218					17.937			

F.B. 3044 P.G. 101

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 THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 11:15 TO 12:15 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-11A To BM 37-14
Date 5-17-56
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
	5.889	24.218	201	1722		4.165	17.937	197	1.757	
	5.688		197			3.968		196		
	5.491		398			3.772		393		
6	17.068	5.689		2.120		11.905	3.968		2.150	
	4.812		200			4.108		203		
	4.612		196			3.905		200		
	4.416		396			3.705		403		
7	13.840	4.613		2.516		11.718	3.906		2.553	
	5.189		197			4.259		197		
	4.992		193			4.062		194		
	4.799		390			3.868		391		
8	14.980	4.993		2.906		12.189	4.063		2.944	
	4.899		201			3.773		190		
	4.698		203			3.583		186		
	4.495		404			3.397		376		
9	14.092	4.697		3.310		10.753	3.584		3.320	
	5.259		194			3.929		198		
	5.065		193			3.731		194		
	4.872		387			3.537		392		
10	15.196	5.065		3.697		11.197	3.732		3.712	
		49.275					37.170			

F.B. 340 P.G. 102

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 THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 11:15 TO 12:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 16-11A To B.M. 37-14
Date 5-17-56
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
	5.511	49.275	192	3.697		3565	37.190	206	3.712	
	5.319		188			3.359		202		
	5.131		380			3.157		408		
11	15.961	5.320		4.077		10.081	3.360		4.120	
	5.538		201			4377		196		
	5.337		200			4.181		193		
	5.137		401			3.988		389		
12	16.012	5.337		4.478		12.546	4.182		4.509	
	5.303		201			4059		200		
	5.102		200			3.859		200		
	4.902		401			3.659		400		
13	15.307	5.102		4.879		11.577	3.859		4.909	
	5.099		207			3.861		193		
	4.892		203			3.668		194		
	4.689		410			3.474		387		
14	14.680	4.893		5.289		11.003	3.668		5.296	
	5.829		201			4471		196		
	5.628		201			4275		196		
	5.427		402			4.079		392		
15	16.884	5.628		5.691		12.825	4.275		5.688	
		75.555					56.534			

F.B. 24404 P.G. 103

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 11:15 TO 12:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NP
Job No. 03.01.02
From B.M. 16-11A To B.M. 37-14
Date 5-17-56
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
	5.449	5.555	200	5.691		3.799	3.534	192	5.688	
	5.249		198			3.607		194		
	5.051		398			3.413		386		
16	15.749	5.250		6.089		10.819	3.606		6.074	
	5.258		200			3.824		210		
	5.058		200			3.614		207		
	4.858		400			3.407		417		
17	15.174	5.058		6.489		10.845	3.615		6.491	
	5.939		153			5.776		155		B.M. 37-14 (PUENTE D-5)
	5.786		152			5.621		153		PUENTE AVE & FRANCISQUITO AVE
	5.634		305			5.468		308		SEE F.B. 1358-21 FOR DESC
18	17.359	5.786		6.794		16.865	5.622		6.799	
										SUMMATION OF RUN
										B.M. 16-11A TO B.M. 37-14
										TOTAL BACKSIGHTS + 91.649
										TOTAL FORESIGHTS - 69.377
										DIFF IN ELEVATION +22.272
		91.649					69.377			

F.B. 2104 P.G. 104

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 J. A. MOODY Time 1:50 to 240 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 37-14 To BM 16-11A
Date 5-17-56
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
	5910		155		#11	6073		151		BM 37-14
	5755		154			5922		151		PUENTE AVE & FRANCISQUITE AVE
	5599		309			5771		302		SEE F.B. 1358-21 for DESC.
1	17264	5.755		309	64°	17766	5922		302	
	3827		208			5263		202		* G.E. DREIER
	3619		208			5061		201		
	3411		416			4860		403		
2	10857	3619		.725		15184	5061		.705	
	3798		196			5449		198		
	3602		193			5251		197		
	3409		389			5054		395		
3	10809	3.603		1114		15754	5251		1100	
	4252		195			5609		198		
	4057		198			5411		198		
	3859		393			5213		396		
4	12168	4056		1507		16233	5411		1496	
	3978		196			5213		202		
	3782		194			5011		200		
	3588		390			4811		402		
5	11348	3.783		1897		15035	5012		1898	
		20816					26657			

F.B. 2404 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 overcast Inst. No. 50010
Notes by J. A. Moody Time 1:50 to 2:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From Bm 37-14 To Bm 16-11A
Date 5-17-56
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
	4099	20.818	199	1897		5352	26657	200	1898	
	3900	6	197			5152		201		
	3703		396			4951		401		
6	11702	3.901		2293		15455	5.152		2299	
	3854		197			5010		197		
	3657		197			4813		194		
	3460		394			4619		391		
7	10971	3.657		2687		14442	4.814		2690	
	3399		197			5361		195		
	3202		194			5166		195		
	3008		391			4971		390		
8	9609	3.203		3078		15498	5.166		3080	
	4132		188			5477		200		
	3944		187			5277		200		
	3757		375			5077		400		
9	11833	3.944		3453		15831	5.277		3486	
	3819		199			4929		192		
	3620		199			4737		191		
	3421		398			4546		383		
10	10860	3.620		3851		14212	4.737		3863	
		39.143					51.803			

F.B. 2704 P.G. 106

76P526 S & E #379 1-54

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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 50010
Notes by J. A. Moody Time 1:50 to 2:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 37-14 To BM 16-11A
Date 5-17-56
Indexed X C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3993	39.143	196	3851		4923	51.803	193	3863	
	3797		195			4730		193		
	3602		391			4537		386		
11	11392	3.797		4242		14190	4.730		4249	
	4239		195			4963		204		
	4044		193			4759		204		
	3851		388			4555		408		
12	12134	4.044		4630		14277	4.759		4657	
	4090		199			5810		197		
	3891		199			5613		196		
	3692		398			5417		393		
13	11673	3.891		5028		16840	5.613		5050	
	3638		201			4988		192		
	3437		200			4796		192		
	3237		401			4604		384		
14	10312	3.437		5429		14388	4.796		5434	
	3668		182			4632		201		
	3486		182			4431		200		
	3304		364			4231		401		
15	10458	3.486		5793		13294	4.431		5835	
		57.798					76.132			
		6								

F.B. 5404 P.G. 107

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 J. A. MOODY Time 1:50 to 2:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 37-14 To BM 16-11 A
Date 5-17-56
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
	3365	57.798 6	198	5.793		4303	76.132	195	5835	
	3167		198			4108		197		
	2969		396			3911		392		
16	9501	3167		6189		12322	4107		6227	
	3686		146			4393		140		
	3540		146			4253		141		
	3394		292			4112		281		
17	10620	3540		6481		12758	4253		6508	
	4524		143			6848		141		BM 16-11 A
	4381		143			6707		139		PUENTE AVE & TORCH ST. 393 CT
	4238		286			6568		280		N. OF ℄ INTERSECTION.
18	13143	4381		6767		20123	6708		6788	
										SUMMATION OF RUN
										BM 37-14 A to BM 16-11 A
										TOTAL BACKSIGHTS + 68.886
										" FORE " - 91.200
										DIFF IN ELEV. - 22.314 6
		68.886 4					91.200			

F.B. 2404 P.G. 108

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. A. Moody Time 8.50 to 10.00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-11 A To BM 37-14 A
Date 5-18-56
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
	6650		145			4318		141		BM 16-11 A
	6505		143			4177		141		PUENTE AVE & TOURCH
	6362		288			4036		282		SEE F.B 1358-21 FOR DESC.
1	19517	6.506		.288		12531	4.177		.282	
	4782		150			4062		140		
	4632		150			3922		141		⊼ G.E. DREIER
	4482		300			2781		281		
2	13896	4.632		.588		11765	3.922		.563	
	4727		199			3786		199		
	4528		198			3585		198		
	4330		397			3387		397		
3	13585	4.528		.985		10756	3.585		.960	
	5142		199			4179		185		
	4943		198			3994		182		
	4745		397			3812		367		
4	14830	4.943		1.382		11985	3.995		1.327	
	5132		195			3773		197		
	4937		195			3576		198		
	4742		390			3378		395		
5	14811	4.937		1.772		10727	3.576		1.722	
		25.546					19.255			

F.B. 1404 P.G. 102

76P526 S & E #379 1-54

PLEASE RETURN TO
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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 E. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. A. MOODY Time 8:50 to 10:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-11 A To BM 37-14
Date 5-18-56
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
	5852	25.546	194	1.772		4139	19.255	206	1.722	
	5658		194			3933		202		
	5464		388			3731		408		
6	16974	5658		2.160		11803	3.934		2130	
	5216		207			4488		194		
	5009		206			4294		194		
	4803		413			4100		388		
7	15028	5009		2573		12882	4.294		2518	
	5361		192			4438		199		
	5169		192			4239		199		
	4977		384			4040		398		
8	15587	5169		2957		12717	4239		2916	
	5495		197			4379		199		
	5298		194			4180		200		
	5104		391			3980		399		
9	15897	5299		3348		12539	4180		3315	
	5584		197			4250		194		
	5387		195			4056		195		
	5192		392			3861		389		
10	16163	5388		3740		12167	4056		3704	
		52.069					39.958			

F.B. 2404 P.G. 110

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. DREIER Weather: CLEAR Inst. No.: 50010
Notes by: J.A. MOODY Time: 8:50 to 10:00 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: BM 16-11 A To: BM 37-14
Date: 5-18-56
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
	5732	5.2069	193	3740		3774	3.9958	201	3704	
	5539		192			3573		199		
	5347		385			3374		400		
11	16618	5539		4125		10721	3.573		4104	
	5411		197			4261		200		
	5214		194			4061		201		
	5020		391			3860		401		
12	15645	5.215		4516		12182	4.061		4505	
	5125		202			3870		198		
	4923		201			3672		196		
	4722		403			3476		394		
13	14770	4.923		4919		11018	3.673		4899	
	5185		198			3962		203		
	4987		197			3759		201		
	4790		395			3558		404		
14	14962	4.987		5314		11279	3.760		5303	
	5927		200			4566		196		
	5727		202			4370		197		
	5525		402			4173		393		
15	17179	5.726		5716		13109	4.370		5696	
		28.459					19.395			

F.B. 240 P.G. 111

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. A. Moody Time 8:50 to 10:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-11 A To BM 37-14
Date
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
	5846	5845.9	198	5716		4197	5939.5	195	5696	
	5648		197			4002		195		
	5451		3951			3807		3901		
16	16945	5648		6111		12006	4002		6086	
	5612		200			4174		207		
	5412		199			3967		208		
	5213		3991			3759		4151		
17	16237	5412		6510		11900	3967		6501	
	6118		156			5951		153		BM 37-14 (PUENTE D-5)
	5962		153			5798		151		PUENTE AVE FRANCIS QUITO AVE
	5809		3091			5647		3041		SEE F.B. 1358-21 FOR DESC.
18	17889	5963		6819		17396	5799		6805	
										SUMMATION OF RUN
										B.M. 16-11A TO B.M. 37-14
										TOTAL BACKSIGHTS +95.482
										TOTAL FORESIGHTS -73.163
										DIFF IN ELEVATION +22.319
		95.482					73.163			

F.B. 379 P.G. 112

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 THIN CLOUDS WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO 3:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-11A To B.M. 16-12A
Date 5-16-56
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
	5.485		184			4.732		189		B.M. 16-11A
	5.301		183			4.543		188		PUENTE AVE & TORCH ST., 39
	5.118		367			4.355		377		FT. N. OF ℄ INTERSECTION
1	5.904	5.301		.367		13.630	4.543		.377	A STD. C.S. MON. LETTERED "COUNTY
	3.164		196			4.183		191		SURVEYOR RE. 62", 26 INCHES
	2.968		195			3.992		187		BELOW SURFACE UNDER CAST
	2.773		391			3.805		378		IRON COVER
2	8.905	2.968		.758		11.980	3.993		.755	T. OHASHI
	3.462		211			4.552		204		
	3.251		207			4.348		200		
	3.044		418			4.148		404		
3	9.757	3.252		1.176		13.048	4.349		1.159	
	3.455		200			4.729		201		
	3.255		199			4.528		199		
	3.056		399			4.329		400		
4	9.766	3.255		1.575		13.586	4.529		1.559	
	3.280		182			4.328		183		
	3.098		184			4.145		182		
	2.914		366			3.963		365		
5	9.292	3.097		1.941		12.436	4.145		1.924	
		17.873					21.559			

F.B. 2444 P.G. 113

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party M. E. DREIER Weather THIN CLOUDS BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO 3:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-11A To B.M. 16-12 A
Date 5-16-56
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
	3.328	17.873	177	1.941		4.485	21.559	185	1.924	
	3.151		174			4.300		187		
	2.977		351			4.113		372		
6	9.456	3.152		2.292		12.898	4.299		2.296	
	4.363		240			7.185		209		
	4.123		237			6.976		206		B.M. 16-12A
	3.886		477			6.770		415		PUENTE AVE & TEMPLE AVE
7	12.372	4.124		2.769		20.931	6.977		2.711	℄ INTERSECTION, A STD.
									2.769	C.S. MON. LETTERED "COUNTY
									5.480	SURVEYOR R.E 62", 20 INCHES
									-0.35 mi	BELOW SURFACE UNDER CAST
										IRON COVER.
										SUMMATION OF RUN
										B.M. 16-11A TO B.M. 16-12A
										TOTAL BACKSIGHTS +25.149
										TOTAL FORESIGHTS -32.835
										DIFF IN ELEVATION -7.686
		25.149					32.835			

F.B. 2404 P.G. 114

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 THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-12A To B.M. 16-11A
Date 5-17-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.030		220		#11	4.188		223		B.M. 16-12A
	6.810		222			3.965		221		PUENTE AVE & TEMPLE AVE.
	6588		442			3.744		444		E. INTERSECTION, A STD.
1	20.428	6.809		.442	68°	11.897	3.966		.444	C.S.MON. STAMPED "COUNTY
	5268		183			4114		175		SURVEYOR R.E.62" 20 INCHES
	5085		182			3939		173		BELOW PAV. SURFACE, UNDER
	4903		365			3766		348		CAST IRON COVER
2	15.256	5.085		.807		11.819	3.940		.792	
	5113		176			4069		184		
	4937		175			3885		183		π T. OHASHI
	4762		351			3702		367		
3	14.812	4.937		1.158		11.656	3.885		1.159	
	5309		198			4038		202		
	5111		195			3836		198		
	4916		393			3638		400		
4	15.336	5.112		1.551		11.512	3.837		1.559	
	5329		201			4244		207		
	5128		201			4037		208		
	4927		402			3829		415		
5	15.384	5.128		1.953		12.110	4.037		1.974	
		27.071					19.665			

F.B. 2464 P.G. 15

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 THIN CLOUDS Inst. No. 50010
Notes by G.E. DREIER - J.A. MADDY Time 8:30 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 16-12 A To BM. 16-11 A
Date 5-17-56
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
	5123	27.071	195	1,953		4088	19.665	188	1,974	
	4928		194			3900		186		
	4734		389			3714		354		
6	14785	4.928		2342		11,702	3.901	7	2,328	
	4575		184			5333		184		B.M. 16-11 A
	4391		183			5149		185		PUENTE AVE & TORCH ST. 39 ft
	4208		367			4964		369		ft N. of ℄ INTER.
7	13174	4.391		2709		15446	5.149		2,697	A STD. C.S. MON.
										SUMMATION OF RUN
										BM 16-12 A to BM 16-11 A
										total BACKSIGHTS + 36.390
										" FORE " − 28.715
										DIFF IN ELEV. + 07.675
		36.390					28.715			

F.B. 2404 P.G. 116

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 J. A. MOODY Time 2:45 to 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-11 A To BM 16-12 A
Date 5-17-56
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
	5715		183		#11	4961		189		BM 16-11 A
	5532		183			4772		190		PUENTE AVE & TORCH, ST.
	5349		366			4582		379		39.8' N. of ℄ INTER
1	16596	5532		366	64°	14315	4772		379	
	3419		193			4439		191		⊼ G.E. DREIER
	3226		194			4248		190		
	3032		387			4058		381		
2	9677	3226		753		12745	4248		760	
	3797		209			4878		201		
	3588		210			4677		201		
	3378		419			4476		402		
3	10763	3588		1172		14031	4677		1162	
	3628		200			4898		199		
	3428		198			4699		200		
	3230		398			4499		399		
4	10286	3429		1570		14096	4699		1561	
	3570		182			4617		183		
	3388		180			4434		181		
	3208		362			4253		364		
5	10166	3389		1932		13304	4435		1925	
		19164					22831			

F.B. 2404 P.G. 112

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No 50010
Notes by J. A. Moody Time 2:45 to 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 16-11 A To BM 16-12 A
Date 5-17-56
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
	3890	19.164	177	1932		5043	22.831	185	1925	
	3713		175			4858		185		
	3538		352			4673		370		
6	11.141	3.713		2,284		14.574	4.858		2,295	
	4040		222			6891		225		BM 16-12 A
	3818		220			6666		226		PUENTE AVE & TEMPLE AVE
	3598		442			6440		451		& INTER.
7	11.456	3.819		2,726		19.997	6.666		2,746	
										SUMMATION of RUN
										BM 16-11 A to BM 16-12 A
										TOTAL BACKSIGHTS +26.696
										" FORE " -34.355
										DIFF IN ELEV. - 7.659
		26.696					34.355			

F.B. [illegible] P.G. 118

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 THIN SUN Inst. No. 500 10
Notes by J. A. Moody Time 3:25 to 3:50 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0.3.0.1.0.2
From BM 16-12 A To BM 16-11 A
Date 5-17-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6630		223		#11	3780		222		BM 16-12 A
	6407		223			3558		223		PUENTE AVE & TEMPLE AVE
	6184		446			3335		445		& INTER.
1	9221	6407		446	66°	10613	3558		445	
	5450		183			4297		175		
	5267		182			4122		174		
	5085		365			3948		349		
2	5702	5267		811		12367	4122		794	
	5413		180			4366		181		
	5233		180			4185		178		
	5053		360			4007		379		
3	15699	5233		1171		12558	4186		1173	
	5570		197			4302		200		
	5373		195			4102		198		
	5178		392			3904		398		
4	16121	5374		1563		12308	4103		1571	
	5556 22.28		202			4471 15.969		208		
	5354		200			4263		206		
	5154		402			4057		414		
5	16064	5355		1965		12791	4264		1985	
	22636					20233				

F.B. 2440-A P.G. 16

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. E. DREIER Weather overcast Inst. No. 50010
Notes by J. A. Moody Time 3:25 to 3:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-12 A To BM 16-11 A
Date 5-17-56
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
	5272	27636	191	1965		4250	20.233	191	1985	
	5081		188			4059		190		
	4893		279	3		3869		381		
6	5246	5.082	3	2344		12178	4059		2366	
	4928		196			5665		177		BM 16-11 A
	4732		195			5488		177		PUENTE AVE & TORCH ST
	4537		391	7		5311		354		398' N. of E. INTER.
7	14197	4.732		2635		16464	5488		2720	
										SUMMATION of RUN
										TOTAL BACKSIGHTS +37.450
										" FORE " -29.780
										DIFF IN ELEV. + 7.670

F.B. 2704 P.G. 120

37450 29.780

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 10:25 TO 11:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-11A To B.M. 16-12A
Date 5-18-56
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
	5.473		182		#11	4.723		191		B.M. 16-11A
	5.291		185			4.532		189		PUENTE AVE & TORCH ST., 398 FT
	5.106		367			4.343		380		N. OF ℄ INTER.
1	15.870	5.290		.367		13.598	4.533		.380	
	3.649		196			4.671		193		
	3.453		194			4.478		190		
	3.259		390			4.288		383		⊼ J. MOODY
2	10.361	3.454		.757		13.437	4.479		.763	
	3.937		214			5.013		201		
	3.723		211			4.812		200		
	3.512		425			4.612		401		
3	11.172	3.724		1.182		14.437	4.812		1.164	
	4.109		202			5.382		200		
	3.907		202			5.182		199		
	3.705		404			4.983		399		
4	11.721	3.907		1.586		15.547	5.182		1.563	
	3.778		183			4.828		183		
	3.595		182			4.645		183		
	3.413		365			4.462		366		
5	10.786	3.595		1.951		13.935	4.645		1.929	
		19.970					23.651			

F.B. 2104 P.G. 12

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. 50010
Notes by: G. E. DREIER Time: 10:25 TO 10:55 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 16-11A To: B.M. 16-12A
Date: 5-18-56
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
	4.047	19.970	178	1.951		5.204	[illegible]	186	1.929	
	3.869		176			5.018		186		
	3.693		355			4.832		372		
6	11.609	3.870		2.306		15.054	[illegible]		2.301	
	4.711		220			7.565		228		B.M. 16-12A
	4.491		220			7.337		226		PUENTE AVE & TEMPLE AVE,
	4.271		440			7.111		454		℄ INTERSECTION
7	13.473	4.491		2.746		22.013	7.338		2.755	
										SUMMATION OF RUN
										B.M. 16-11A TO B.M. 16-12A
										TOTAL BACKSIGHTS + 28.331
										TOTAL FORESIGHTS − 36.007
										DIFF IN ELEVATION 7.676
		28.331				36.007				

F.B. 5203 P.G. 122

P526 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. 50010
Notes by G. E. DREIER Time 11:00 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-12A To B.M. 11-119
Date 5-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.059		200		#11	4.863		271		B.M. 16-12A
	3.859		197			4.582		269		℄ INTER. PUENTE AVE. & TEMPLE AVE
	3.662		397			4.323		540		A STD. C.S. MON. STAMPED "COUNTY
1	11.580	3.860		.397	84°	13.768	4.583		540	SURVEYOR R.E. 62"
	4.105		224			5.031		179		
	3.881		223			4.852		177		
	3.658		447			4.675		356		⊼ J. MOODY
2	11.644	3.881		.844		14.558	4.853		.896	
	4.124		202			5.388		205		
	3.922		200			5.183		202		
	3.722		402			4.981		407		
3	11.768	3.923		1.246		15.552	5.184		1.303	
	3.982		204			5.817		200		
	3.778		201			5.617		198		
	3.577		405			5.419		398		
4	11.337	3.779		1.651		16.853	5.618		1.701	
	3.925		199			3.953		202		
	3.726		198			3.751		200		
	3.528		397			3.551		402		
5	11.179	3.726		2.048		11.255	3.752		2.103	
		19.169					23.990			

F.B. 2404 P.G. 123

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 Inst. No 50010
Notes by G. E. DREIER Time 11:00 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 16-12A To B.M. 11-119
Date 5-18-56
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
	3.575	19.169	206	2.048		4.545	990 6	206	2.103	
	3.369		202			4.33[illegible]		202		
	3.167		408			4.137		408		
6	10.111	3.370		2.456		13.021	4.340		2.511	
	3.785		208			5.323		198		
	3.577		209			5.125		194		
	3.368		417			4.931		392		
7	10.730	3.577		2.873		15.379	5.126		2.903	
	3.991		206			5.081		202		
	3.785		206			4.879		200		
	3.579		412			4.679		402		
8	11.355	3.755		3.285		14.639	4.880		3.305	
	4.266		200			4.962		202		
	4.066		199			4.760		201		
	3.867		399			4.559		403		
9	12.199	4.066		3.684		14.281	4.760		3.708	
	4.405		207			4.419		201		
	4.198		205			4.218		200		
	3.993		412			4.018		401		
10	12.596	4.199		4.096		12.655	4.218		4.107	
		28.166					47.314 20			

F.B. 2404 P.G. 124

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. 50010
Notes by: G. E. DREIER Time: 11:00 TO 12:00 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 16-12A To: B.M. 11-119
Date: 5-18-56
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
	7.504	38.36	200	4.096		5.663	47.3(-) 20	185	4.109	
	7.304		197			5.478		187		
	7.107		397			5.291		372		
11	21.915	7.305		4.493		16.432	5.477		4.481	
	5.459		141			9.443		140		
	5.318		144			9.303		138		B.M. 11-119
	5.174		285			9.165		278		VALLEY BLVD. & 3rd AVE.
12	15.951	5.317		4.778		27.911	9.304		4.759	SEE F.B. 1376-106 FOR DESC.
									4.778	
									4.537	
									= 0.241	
										SUMMATION OF RUN
										B.M. 16-12A TO B.M. 11-119
										TOTAL BACKSIGHTS +50.788
										TOTAL FORESIGHTS -62.095
										DIFF IN ELEVATION -11.307
		50.788					62.095			

F.B. 1376 P.G. 125

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 Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-119 To B.M. 16-12A
Date 5-18-56
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
	9.561		139		#11	5.581		143		B.M. 11-119
	9.422		138			5.438		142		VALLEY BLVD. & 3rd AVE.
	9.284		277			5.296		285		SEE F.B. 1376-106 FOR DESC.
1	28.267	9.422		.277	86°	16.315	5.438		.285	
	5.401		188			7.239		195		
	5.213		185			7.044		192		↑ J. MOODY
	5.028		373			6.852		387		
2	15.642	5.214		.650		21.135	7.045		.672	
	5.218		200			5.208		205		
	5.018		200			5.003		201		
	4.818		400		4?	5.802		406		
3	15.054	5.018		1.050		10.013	5.004		1.078	
	4.963		202		5	4.261		199		
	4.761		202			4.062		197		
	4.559		404			3.865		396		
4	14.283	4.761		1.454		12.188	4.063		1.474	
	5.098		203			4.002		204		
	4.895		202			3.798		207		
	4.693		405			3.591		411		
5	14.686	4.895		1.859		11.391	3.797		1.885	
		29.310					2[illegible]47			

F.B. 1424 P.G. 126

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 Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-119 To B.M. 16-12A
Date 5-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.205	29.310	210	1.859		2.655	25347	207	1.885	
	3.995		206			2.448		206		
	3.789		416			2.242		413		
6	11.989	3.996		2.275		7.345	2.448		2.298	
	4.618		207			3.645		203		
	4.411		203			3.442		203		
	4.208		410			3.239		406		
7	13.237	4.412		2.685		10.326	3.442		2.704	
	4.303		202			4.272		197		
	4.101		202			4.075		196		
	3.899		404			3.879		393		
8	12.303	4.101		3.089		12.226	4.075		3.097	
	5.516		199			3.679		200		
	5.317		198			3.479		200		
	5.119		397			3.279		400		
9	15.952	5.317		3.486		10.437	3.479		3.497	
	5.451		200			4.194		203		
	5.251		200			3.991		200		
	5.051		400			3.791		403		
10	15.753	5.251		3.886		11.976	3.992		3.900	
		52.387					42.783			

F.B. 2801 P.G. 127

76P526 S & E #379 1-54

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No 50010
Notes by G. E. DREIER Time 1:00 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No D3.01.02
From B.M. 11-119 To B.M. 16-12A
Date 5-15-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.579	52.387	200	3.886		3.605	783	200	3.900	
	4.379		197			3.408		200		
	4.182		3971			3.208		400		
11	13.140	4.380		4.283		10.224	4.081		4.300	
	5.039		234			4.319		231		
	4.805		234			4.088		229		B.M. 16-12A
	4.571		468			3.859		460		PUENTE AVE & TEMPLE AVE
12	14.415	4.805		4.751		12.266	4.089		4.760	
										SUMMATION OF RUN
										B.M. 11-119 TO B.M. 16-12A
										TOTAL BACKSIGHTS + 61.572
										TOTAL FORESIGHTS - 50.280
										DIFF IN ELEVATION + 11.292
		61.572					50.280			

F.B. 2404 P.G. 123

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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 2:20 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-12A To B.M. 11-119
Date 5-18-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.328		231		#11	5.051		236		B.M. 16-12A
	4.097		234			4.815		236		PUENTE AVE & TEMPLE AVE
	3.863		465			4.579		472		& INTERSECTION
1	12.288	4.096		465	86°	14.445	4.815		472	
	4.078		199			5.051		200		
	3.879		197			4.851		200		
	3.682		396			4.651		400		
2	11.639	3.880		.861		14.553	4.851		.872	
	4.222		200			5.482		203		
	4.022		200			5.279		200		
	3.822		400			5.079		403		
3	12.066	4.022		1.261		15.840	5.280		1.275	
	3.805		200			5.642		203		
	3.605		195			5.439		200		
	3.407		398			5.239		403		
4	10.817	3.606		1.659		16.320	5.440		1.678	
	4.419		201			4.444		201		
	4.215		99			4.243		199		
	4.019		400			4.044		400		
5	12.656	4.219		2.059		12.731	4.244		2.078	
		19.823					24.630			

F.B. 2401 P.G. 122

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 Weather HAZY [illegible] Inst. No 50010
Notes by G. E. DREIER Time 2.20 to 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 16 12A To B.M. 11-119
Date 5-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.071	19.823	200	2.059		5.045	[illegible]630	206	2.078	
	3.871		199			4.839		202		
	3.672		399			4.637		408		
6	11.614	3.871		2.458		14.521	[illegible]40		2.486	
	3.365		211			4.899		200		
	3.154		208			4.699		197		
	2.946		419			4.502		397		
7	9.465	3.155		2.877		14.100	[illegible]700		2.883	
	4.047		206			5.139		202		
	3.841		202			4.937		204		
	3.639		408			4.733		406		
8	11.527	3.842		3.285		14.809	[illegible]36		3.289	
	4.358		202			5.056		202		
	4.156		198			4.854		200		
	3.958		400			4.654		402		
9	12.472	4.157		3.685		14.564	[illegible]55		3691	
	4.552		204			4.563		201		
	4.348		203			4.362		200		
	4.145		407			4.162		401		
10	13.045	4.348		4.092		13.087	[illegible]62		4.092	
		39.196					[illegible]23			

F.B. 2404 P.G. 130

76P526 S & E #379 1-54

PLEASE RETURN TO
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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. 50010
Notes by G.E. DREIER Time 2:20 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-12A To B.M. 11-119
Date 5-18-56
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
	7.669	39.196	200	4.092		5.824	48.323	186	4.092	
	7.469		200			5.638		186		
	7.269		400			5.452		372		
11	22.407	7.469		4.492		16.914	5.638		4.464	
	5.538		143			9.515		139		
	5.395		144			9.376		139		B.M. 11-119
	5.251		287			9.237		278		VALLEY BLVD. & 3RD AVE.
12	16.184	5.395		4.779		28.128	9.376		4.742	SEE F.B. 1376-106 FOR DESC.
										SUMMATION OF RUN
										B.M. 16-12A TO B.M. 11-119
										TOTAL BACKSIGHTS +52.060
										TOTAL FORESIGHTS -63.337
										DIFF IN ELEVATION -11.277
										F.B. 1304 P.G. 131
		52.060					63.337			

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 Inst. No. 50010
Notes by Time Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
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. 2204 P.G. 132										

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 Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 9:30 TO 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.07
From B.M. 11-119 To B.M. 16-12A
Date 5-28-56
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
	9402		141		#11	5426		144		B.M. 11-119
	9261		140			5282		143		VALLEY BLVD. & 3rd AVE
	9121		281			5139		287		SEE 1376-106 FOR DESC.
1	27.783	9.261		.281		15.847	5.282		.287	
	5562		183			7411		200		
	5379		181			7211		200		↑ J. MOODY
	5198		364			7011		400		
2	16.139	5.380		.645		21.633	7.211		.687	
	5028		203			5016		203		
	4825		200			4813		200		
	4625		403			4613		403		
3	14.478	4.826		1.048		14.442	4.814		1.090	
	5828		211			5112		189		
	5617		211			4923		190		
	5406		422			4733		379		
4	16.851	5.617		1.476		14.768	4.923		1.469	
	5.811		205			4704		202		
	5.606		204			4502		203		
	5402		409			4299		405		
5	16.819	5.606		1.879		13.505	4.502		1.874	
		30.690					26.732			

F.B. 2400 P.G. 123

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. 50010
Notes by T. OHASHI Time 930 TO 1115 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NE
Job No 03.01.02
From BM 11-119 To BM 16-124
Date 5-28-56
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
	5869	30.690	205	1.879		4313	25.732	201	1.874	
	5664		203			4112		200		
	5461		408			3912		401		
6	16.994	5.664		2.287		12.337	4.112		2.275	
	4837		205			3864		202		
	4632		203			3662		200		
	4429		408			3462		402		
7	13.898	4.633		2.695		10.988	3.663		2.677	
	5191		200			5159		200		
	4991		199			4959		197		
	4792		399			4762		397		
8	14.974	4.991		3.094		14.880	4.960		3.074	
	5877		204			4039		200		
	5673		200			3839		196		
	5473		404			3643		396		
9	17.023	5.674		3.498		11.501	3.833		3.470	
	5699		200			4439		200		
	5499		200			4239		200		
	5299		400			4039		400		
10	16.497	5.499		3.898		12.717	4.239		3.870	
		57.151					47.543			

F.B. 2402 P.G. 134

6

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 9:30 TO 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-119 To BM. 16-12A
Date 5-28-56
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
	5407	57.151	192	3.898		4449	47.540 6	206	3.870	
	5215		192			4243		204		
	5023		384			4039		410		
11	15.645	5.215		4.282		12.731	4.244		4.280	
	5488		235			4761		234		B.M. 16-12A
	5253		232			4527		232		PUENTE AVE. & TEMPLE AVE,
	5021		467			4295		466		℄ INTERSECTION
12	15.762	5.254		4.749		13.583	4.528		4.746	SEE F.B. 1380 -
										SUMMATION OF RUN
										BM. 11-119 TO BM. 16-12A
										TOTAL BACKSIGHTS + 67.620
										TOTAL FORESIGHTS - 56.315 8
										DIFF IN ELEVATION + 11.305 2
		67.620					56.315 8			

F.B. 2404 P.G. 135

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 OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 8:20 TO 9:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No 0301.02
From B.M. 16-12A To B.M. 11-119
Date 5-29-56
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
	4639		233		#11	5358		235		B.M. 16-12A
	4406		233			5128		231		PUENTE AVE & TEMPLE AVE.
	4173		466		62°	4892		466		& INTERSECTION
1	13218	4406		466		15378	5124		466	
	4347		199			5319		200		
	4148		197			5119		200		
	3951		396			4919		400		T J. MOODY
2	12446	4149		862		15357	5119		866	
	4481		200			5738		201		
	4281		199			5537		200		
	4082		399			5337		401		
3	12844	4281		1261		16612	5537		1267	
	4058		200			5895		203		
	3858		197			5692		201		
	3661		397			5491		400		
4	11577	3859		1658		17078	5693		1671	
	5039		198			5669		200		
	4841		198			4869		200		
	4643		396			4669		400		
5	14523	4841		2054		14607	4869		2071	
		21536					26142			

F.B. 404 P.G. 36

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 52010
Notes by T. OHASHI Time 8:20 To 9:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 16-12A To B.M. 11-119
Date 5-29-56
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
	4304	21.536	202	2054		5271	26342	202	2071	
	4102		200			5069		201		
	3902		402			4868		403		
6	12308	4.103		2456		15208	5.069		2474	
	4179		202			5724		205		
	3977		201			5519		201		
	3776		403			5318		406		
7	11932	3.977		2859		16561	5.520		2880	
	4609		204			5707		205		
	4405		202			5502		203		
	4203		406			5299		409		
8	13217	4.406		3265		16509	5.503		3289	
	4788		206			5466		198		
	4582		203			5271		196		
	4379		409			5075		394		
9	13749	4.583		3674		15815	5.272		3683	
	4958		202			4973		201		
	4756		203			4772		200		
	4553		405			4572		401		
10	14267	4.756		4079		14317	4.772		4074	
		43.361					52.478			

F.B. 2404 P.G. 137

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 8:20 TO 9:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-12A To B.M. 11-119
Date 5-29-56
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
	7632	43.361	206	4084 79		578	52.478	184	4084	
	7432		200			5598		184		
	7232		400			5414		368		
11	22296	7432		4450		11794	598		4452	
	5468		140	79		9454		146		
	5328		136			9313		145		
	5192		276	5		9168		291		
12	15988	5329		4758		27940	9313		4743	
										SUMMATION OF RUN
										B.M. 16-12A TO B.M. 11-119
										TOTAL BACKSIGHT +56.122
										TOTAL FORESIGHT −67.389
										DIFF IN ELEVATION −11.267
		56.122					67.389			

F.B. 2104 P.G. 133

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 SUNNY / HAZE Inst. No. 50010
Notes by J. A. MOODY Time 1:10 to 1:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-119 To BM 16-12A
Date 6-1-56
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9551		194		#11	5297		195		BM 11-119
	9357		195			5105		193		VALLEY BL. & 3RD AVE
	9162		389			4912		388		SEE 1376-106 FOR DESC.
1	28070	9357		389	80°	15314	5105		388	
	3740		197			6457		198		TT G.E. DREIER
	3543		193			6659		198		
	3350		390			6461		396		
2	10633	3544		779		19777	6659		784	
	6313		196			6010		197		
	6117		198			5813		197		
	5919		394			5616		394		
3	18349	6116		1173		17439	5813		1178	
	6841		198			5892		196		
	6643		197			5696		196		
	6446		395			5500		392		
4	19930	6643		1568		17088	5696		1578	
	6732		199			5723		200		
	6533		195			5523		196		
	6338		394			5327		396		
5	19603	6534		1962		16573	5524		1966	
		32194					28797			

F.B. 2604 P.G. 140

139

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 Sunny / Haze Inst. No. 50010
Notes by J. A. Moody Time 1:10 to 1:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-119 To BM 16-12 A
Date 6-1-56
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
	5140	32.194	200	1962		3628	28.797	201	1966	
	4940		198			3427		199		
	4742		3981			3228		4001		
6	14822	4.941		2360		10283	3.428		2366	
	5693		198			5088		197		
	5495		197			4891		198		
	5298		3951			4693		3951		
7	16486	5.495		2755		14672	4.891		2761	
	6619		197			5629		198		
	6422		196			5431		198		
	6226		3931			5233		3961		
8	19267	6.422		3148		16293	5.431		3157	
	6520		197			5359		196		
	6323		195			5163		195		
	6128		3921			4968		3911		
9	18971	6.324		3540		15490	5.163		3548	
	6537		199			4871		198		
	6338		198			4673		196		
	6140		3971			4477		3941		
10	19015	6.338		3937		14021	4.674		3942	
		61.714					52.384			

140
F.B. 704 P.G. 139

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 SUNNY HAZE Inst. No. 50010
Notes by J. A. MOODY Time 1:10 to 1:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-119 To BM 16-12A
Date 6-1-56
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
	5578	61.714	197	3937		5567	52.384	198	3942	
	5381		196			5369		197		
	5185		393			5172		395		
11	16144	5381		4330		16108	5369		4337	
	6745		198			4811		199		
	6547		197			4612		195		
	6350		395			4417		394		
12	19642	6547		4725		13840	4613		4731	
									4725	BM 16-12A
									9456	PUENTE AVE & TEMPLE AVE
									0.61 JMI	& INTER.

NOTE:- TEST RUNS WITH BREITHAUPT LEVEL #100684 PRODUCE DIFFRENCES IN ELEVATION OF +11.2735, -11.2737, -11.272 AND +11.280

SUMMATION OF RUN
B.M. 11-119 TO B.M. 16-12A
TOTAL BACKSIGHTS 73.642
TOTAL FORESIGHTS 62.366
DIFF IN ELEVATION 11.276

F.B. 2404 P.G. 141

73.642 62366

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 Inst. No. 50010
Notes by Time Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NT
Job No. 0301.02
From To
Date
Indexed

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

F.B. 2424 P.G. 42

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 1:30 TO 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-119 To B.M. 11-117A
Date 5-28-56
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
	9.479		140		#11	5.499		145		B.M. 11-119
	9.339		140			5.354		143		VALLEY BLVD & 3RD AVE.
	9.199		280			5.211		288		SEE F.B. 1376-106 FOR DESC.
1	28.017	9.339		280	74°	16.064	5.355		288	
	6.382		165			6.019		182		⊼ J. MOODY
	6.217		166			5.837		182		
	6.051		331			5.655		364		
2	18.650	6.217		611		17.507	5.836		652	
	5.448		207			6.671		183		
	5.241		203			6.488		183		
	5.038		410			6.305		366		
3	15.727	5.242		1.021		19.464	6.488		1.018	
	5.167		196			4.337		201		
	4.971		193			4.136		199		
	4.778		389			3.937		400		
4	14.916	4.972		1.410		12.410	4.137		1.418	
	4.879		200			4.479		201		
	4.679		200			4.278		200		
	4.479		400			4.078		401		
5	14.037	4.679		1.810		12.835	4.278		1.819	
		30.449					26.094			

F.B. 2404 P.G. 143

76P528 S & E #379 1-54

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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 1:30 TO 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-119 To B.M. 11-117A
Date 5-28-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.411	30.449	135	1.810		6.059	26.098	157	1.819	+ 34.725
	4.276		134			5.902		157		- 31.996
	4.142		269			5.745		314		+ 2.729
6	12.829	4.276		2.079		17.706	5.902		2.133	
		34.725					31.996			B.M. 11-118 (PUENTE B-7, 1940) VALLEY BLVD. & 4th AVE. SEE F.B. 1376-105 FOR DESC.
	6.473		201			5.678		197		NOTE:— B.M. 11-118 IS DIRECTLY OVER A NEWLY CONSTRUCTED SEWER AND WAS TUNNELED UNDER, MAY BE SUBJECT TO SETTLEMENT
	6.272		199			4.881		193		
	6.073		400			4.688		390		
7	18.818	6.273		2.479		14.647	4.882		2.523	
	4.939		196			4.629		198		
	4.743		196			4.431		198		
	4.547		392			4.233		396		
8	14.229	4.743		2.871		13.293	4.431		2.919	
	5.131		196			4.858		196		
	4.935		196			4.662		194		
	4.739		392			4.468		390		
9	14.805	4.935		3.263		13.988	4.663		3.309	
		15.951					13.776			

F.B. 2404 P.G. 44

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 THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-119 To B.M. 11-117A
Date 5-28-56
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
	5387	15.951	196	3.263		5.101	13.976	196	3.309	
	5.191		193			4.905		193		+ 26.370
	4.998		389			4.712		389		− 24.935
10	15576	5.192		3.652		14.718	4.906		3.698	+ 1.435
	5.462		235			6289		237		
	5.227		236			6052		234		B.M. 11-117A (PUENTE C-8C 1956)
	4.991		471			5818		471		VALLEY BLVD. & 5th AVE
11	15.680	5227		4.123		18.159	6.053		4.169	SEE F.B 1376- FOR DESC.
		26.370					24.935			

SUMMATION OF RUN

DIFF IN ELEV. B.M. 11-119 TO B.M. 11-118 + 2.7298
" " " " 11-118 TO B.M. 11-117A + 1.435

F.B. 2404 P.G. 145

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. 50010
Notes by G. E. DREIER Time 2:55 To 3:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-117A To B.M. 11-119
Date 5-28-56
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
	6298		239		#11	5467		239		B.M. 11-117A PUENTE C-86 1956
	6059		237			5228		236		VALLEY BLVD. & 5th AVE
	5822		476		69°	4992		475		SEE F.B. 1376 - FOR DESC.
1	18.179	6.060		.476		15.687	5.229		.475	
	5.183		195			5.469		194		
	4.988		196			5.275		196		⊼ J. MOODY
	4.792		391			5.079		390		
2	14.963	4.988		.867		15.823	5.274		.865	
	4.858		197			5.129		197		
	4.661		193			4.932		194		
	4.468		390			4.738		391		
3	13.987	4.662		1.257		14.799	4.933		1.256	
	4.583		198			4.893		195		
	4.385		196			4.698		199		
	4.189		394			4.499		394		
4	13.157	4.386		1.651		14.090	4.697		1.650	
	4.928		197			6.322		198		
	4.731		193			6.124		196		+ 24.828 ✓
	4.538		390			5.928		394		- 26.258 ✓
5	14.197	4.732		2.041		18.374	6.125		2.044	- 1.430 ✓
		24.828					26.258			

F.B. 2404 P.G. 146

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:55 To 3:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 11-117A To B.M. 11-119
Date 5-28-56
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
				2.041					2.044	B.M. 11-118 (PUENTE B-7 1940) VALLEY BLVD. & 4th AVE SEE F.B. 1376-105 FOR DESC.
	6832		154			5.192		134		
	6.678		153			5058		131		
	6525		307			4.927		265		
6	20035	6.678		2.348		15.177	5.059		2.309	
	4.442		200			4843		200		
	4.242		200			4.643		198		
	4.042		400			4.445		398		
7	12.726	4.242		2.748		13.931	4.644		2.707	
	4279		200			5.108		193		
	4.079		200			4.915		197		
	3.879		400			4.718		390		
8	12.237	4.079		3.148		14.741	4.914		3.097	
	6598		192			5.350		198		
	6.406		190			5.152		194		
	6.216		382			4.958		392		
9	19.220	6.407		3.530		15.460	5.153		3.489	
		21406					19.770			

F.B. 2504 P.G. 117

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:55 TO 5:50 Rod No. 11 & 12

Name C. A. CO. PRECISE LEVEL NF
Job No. 03.01.02
From B.M. 11-117A To B.M. 11-119
Date 5-28-56
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
	6.072	21.406	175	3.530		6.448	19.770	174	3.489	
	5.897		176			6.274		171		+ 32.626
	5.721		351			6.103		345		− 35.352
10	17.690	5.897		3.881		18.825	6.275		3.834	− 2.726
	5.459		136			9.057		150		B.M. 11-119
	5.323		135			9.307		148		VALLEY BLVD. & 3RD AVE.
	5.188		271			9.159		298		SEE F.B. 1376-106 FOR DESC
11	15.970	5.323		4.152		27.920	9.307		4.132	
		32.626					35.352			
										SUMMATION OF RUN
						DIFF IN ELEV. B.M. 11-117		TO B.M. 11-118		− 1.430
						" " " 11-118		TO " 11-119		− 2.726

F.B. 2004 P.G. 48

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 10:20 TO 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-117A To B.M. 11-116A
Date 5-29-56
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
	6391		204		#11	4911		196		B.M. 11-117A (PUENTE C-8C 1956)
	6187		200			4715		196		VALLEY BLVD. & 5th AVE.
	5987		404			4519		392		SEE F.B. 1376- FOR DESC.
1	18.565	6.188		.404		14.145	4.715		392	
	5227		198			5018		200		
	5029		197			4818		199		
	4832		395			4619		399		⊼ J. MOODY
2	15.088	5.029		.799		14.455	4.818		.791	
	5062		195			5049		196		
	4867		196			4853		194		
	4671		391			4659		390		
3	14.600	4867		1.190		14.561	4.854		1.181	
	6.098		117			8162		140		+22.065
	5.981		116			8.022		139		-22.409
	5.865		233			7.883		279		- 0.344
4	17.944	5.981		1.423		24067	8.022		1.460	
		22.065					22.409			B.M. 11-117 (PUENTE C-8 1939)
										VALLEY BLVD. & ORANGE AVE
										SEE F.B. 1376-104 FOR DESC

F.B. ..... P.G. .....

F.B. 2404 Pg. 149

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 10:20 TO 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-117A To 11-116A
Date 5-29-56
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
	7065		211	1.423		5757		199	1.460	
	6854		207			5558		195		
	6647		.418			5363		394		
5	20.566	6.855		1.841		16.678	5.559		1.854	
	4767		103			6123		101		+11.518
	4664		105			6022		100		-11.581
	4559		208			5922		201		-0.063
6	13990	4.663		2.049		18.067	6.022		2.055	
		11.518					11.581			B.M. 11-116C (PUENTE C-8A 1956) VALLEY BLVD. & 6th AVE. SEE F.B. 1376- FOR DESC.
	6552		193			4848		200		
	6359		196			4648		196		
	6163		389			4452		396		
7	19.074	6.358		2.438		13.948	4.649		2.451	
	5348		193			4758		200		
	5155		196			4558		199		
	4959		389			4359		399		
8	15.462	5.154		2.827		13.675	4.558		2.850	
		11.512					9.207			

F.B. 2404 Pg. 150

F.B. ..... P.G. .....

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 10:20 TO 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-117A To B.M. 11-116A
Date 5-29-56
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	11.512	199	28.27		4738	9.207	199	28.50	
	5153		195			4539		200		
	4958		394			4339		399		
9.	15.463	5.154		3.221		13.616	4.539		3.249	
	5301		205			4702		190		
	5096		205			4512		190		
	4891		410			4322		380		
10.	15.288	5.096		3.631		13.536	4.512		3.629	
	5850		221			6572		224		+27.391
	5629		220			6348		225		-24.606
	5409		441			6123		449		+2.785
11.	16.888	5.629		4.072		19.043	6.348		4.078	
		27.391					24.606			B.M. 11-116 B PUENTE D-8 1956 VALLEY BLVD. & 7th AVE. SEE F.B. 1376- FOR DESC.
	7181		092			4371		094		
	7089		092			4277		094		
	6997		184			4183		188		
12	21.267	7.089		4.256		12.831	4.277		4.266	

F.B. P.G.

F.B. 2404 Pg. 157

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 10:20 TO 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-117A To B.M. 11-116A
Date 5-29-56
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
	4098	7.089	199	4.256		4748	4.277	196	4.266	
	3899		197			4552		193		
	3702		396			4359		389		
13	11.699	3.900		4.652		13659	4.553		4.655	
	5252		193			4722		194		
	5059		190			4528		193		
	4869		383			4335		387		
14	15.180	5.060		5.035		13585	4.529		5.042	
	5222		193			4743		195		
	5029		191			4548		195		
	4838		384			4353		390		
15	15.089	5.030		5.419		13.644	4.548		5.432	
	5347		196			4857		199		
	5151		194			4658		199		
	4957		390			4459		398		
16.	15.455	5.152		5.809		13.974	4.658		5.830	
	5.011		140			5918		139		
	4.871		139			5.779		135		
	4.732		279			5.644		274		
17.	14.614	4.871		6.088		17.341	5.780		6.104	
		31.102					28.344			

+ 31.102
- 28.344
+ 2.758

F.B. P.G.

B.M. 11-116A (PUENTE D-9C 1956)
VALLEY BLVD. & 8th AVE.
SEE F.B. 1376 FOR DESC

F.B. 2464 P.G. 152

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

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 11-116A To: B.M. 11-117A
Date: 5-29-56
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
	5.934		136		#11	5022		140		B.M. 11-116A (PUENTE D-9C 1956)
	5.798		137			4.882		138		VALLEY BLVD. & 8th AVE.
	5.661		273			4.744		278		SEE F.B. 1376- FOR DESC
1	17.393	5.798		.273		14.648	4.883		.278	
	4768		201			5257		192		
	4567		198			5065		194		
	4369		399			4871		386		
2	13.704	4.568		.672		15.193	5.064		.664	
	4732		193			5211		193		
	4539		194			5018		193		
	4345		387			4825		386		
3	13.616	4.539		1.059		15.054	5.018		1.050	
	4571		194			5103		192		
	4377		195			4911		192		
	4182		389			4719		384		
4	13.130	4.377		1.448		14.733	4.911		1.434	
	4638		191			3987		199		
	4447		195			3788		196		
	4252		386			3592		395		
5	13.337	4.446		1.834		11.367	3.789		1.829	
		23.728					23.665			

F.B. 2204 P.G. 153

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: 1:00 TO 2:15 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: BM. 11-116A To: BM-11-117A
Date: 5-29-56
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
	4188	23.728	.095	1.834		6999	23.665	.092	1.829	+27.822
	4093		.092			6907		.092		-30.572
	4001		.187			6815		.184		- 2.750
6	12.282	4.094		2.021		20.721	6.907		2.013	
		27.822					30.572			BM. 11-116B (PUENTE D-8 1956) VALLEY BLVD & 7th AVE. SEE F.B. 1376 FOR DESC.
	5917		.225			5195		.221		
	5692		.222			4974		.221		
	5470		.447			4753		.442		
7.	17.079	5.693		2.468		14.922	4.974		2.455	
	4638		.199			5222		.198		
	4439		.196			5024		.196		
	4243		.395			4828		.394		
8.	13.320	4.440		2.863		15.074	5.025		2.549	
	4656		.202			5267		.198		
	4454		.199			5069		.196		
	4255		.401			4873		.394		
9.	13.365	4.455		3.264		15.209	5.070		3.243	
		14.588					15.069			

F.B. 2104 P.G. 154

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 12:00 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 11-116A To BM. 11-117A
Date 5-29-56
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
	4538	14.588	200	3264		5127	15.069	196	3243	
	4338		199			4931		192		
	4139		399			4739		388		
10.	13015	4.338		3663		14797	4.932		3631	
	4651		193			6362		201		+23.385
	4458		191			6161		202		-26.162
	4267		384			5959		403		- 2.777
11.	13376	4.459		4047		18482	6.161		4034	
		23.385					26.162			BM. 11-116 C (PUENTE C-8A 1956) VALLEY BLVD & 6th AVE SEE F.B 1376- FOR DESC.
	6015		103			4662		103		
	5912		100			4559		102		
	5812		203			4457		205		
12	17739	5.913		4250		13678	4.559		4239	
	5634		202			6928		206		+11.346
	5432		200			6722		204		-11.282
	5232		402			6518		410		+ .064
13.	16298	5.433		4652		20168	6.723		4649	
		11.346					11.282			

F.B. 2744 P.G. 155

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 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 11-116A To BM. 11-117A
Date 5-29-56
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
				4652					4649	BM. 11-117 (PUENTE C-8-1939) VALLEY BLVD. & ORANGE AVE. SEE F.B. 1376-104 FOR DESC.
	7822		147			5739		106		
	7675		147			5633		104		
	7528		294			5529		210		
14	23025	7675		4946		16901	5634		4859	
	4649		196			4662		197		
	4453		194			4465		197		
	4259		390			4268		394		
15	13361	4454		5336		13395	4465		5253	
	4828		200			5031		196		+21.310
	4628		200			4835		196		-20.952
	4428		400			4639		392		+ 0.358
16	13884	4628		5736		14505	4835		5645	
	4733		180			6238		220		BM. 11-117A (PUENTE C-8C 1956) VALLEY BLVD. & 5th AVE. SEE F.B. 1376- FOR DESC.
	4553		179			6018		219		
	4374		359			5799		439		
17	13660	4553		6095		18055	6018		6084	
	21.310					20.952				

F.B. 2444 P.G. 56

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-WIND Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 4:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.1.02
From B.M. 11-117A To B.M. 11-11-116A
Date 6-1-56
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
	6.282		201			4.808		197		B.M 11-117A (PUENTE C-8C 1956)
	6.081		200			4.611		195		VALLEY BLVD. & 5th AVE.
	5.881		401✓			4.416		392✓		SEE F.B. 1376- FOR
1	18.244✓	6.081✓		.401✓		13.835✓	4.612✓		.392✓	
	5.147		196			4.938		200		
	4.951		197			4.738		199		
	4.754		393✓			4.539		399✓		
2	14.852✓	4.951✓		.794✓		14.215✓	4.738✓		.791✓	
	4.792		195			4.779		195		
	4.597		198			4.585		194		
	4.399		393✓			4.391		389✓		
3	13.788✓	4.596✓		1.187✓		13.755✓	4.585✓		1.180✓	
	6.079		104			8.168		151		+ 21.604✓
	5.975		102			8.017		149		- 21.953✓
	5.873		206✓			7.868		300✓		- 0.349✓
4	17.927✓	5.976✓		1.393✓		24.053✓	8.018✓		1.480✓	
		21.604✓					21.953✓			B.M 11-117 (PUENTE C-8 1939)
										VALLEY BLVD & ORANGE AVE
										SEE F.B. 1376-104 FOR DESC.

F.B. 1041 PG. 157

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 - MAY Inst. No. 50010
Notes by DREIER - MELENDEZ Time 2:50 TO 4:[illegible] Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NE
Job No. 03.0102
From B.M. 11-117A To B.M. 11-116A
Date 6-1-56
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
	6.923		205	1.393		5.627		204	1.480	
	6.718		205			5.423		201		
	6.513		410			5.222		405		
5	20.154	6.718		1.803		16.272	5.424		1.885	
	4.552		123			5.865		083		+ 11.147
	4.429		123			5.782		080		- 11.207
	4.306		246			5.702		163		- 0.060
	13.287	4.429		2.049		17.349	5.783		2.048	
		11.147					11.207			B.M. 11-116C (PUENTE C-8A 1956) VALLEY BLVD. & 6TH AVE
	6.348		195			4.647		199		
	6.153		192			4.448		197		
	5.961		387			4.251		396		
6	18.462	6.154		2.436		13.346	4.449		2.444	
	5.251		193			4.658		200		
	5.058		194			4.458		199		
	4.862		387			4.259		399		
7	15.171	5.057		2.823		13.375	4.458		2.843	
		11.211					8.907			

F.B. 2404 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 SUNNY HAZE Inst. No. 50010
Notes by MELENDEZ Time 2:50 TO 4:00 Rod No. 118 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-117A To B.M. 11-116A
Date 6-1-56
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
	5255	11.211	197	2.823		4639	8.907	200	2.843	
	5058		199			4439		200		
	4859		396			4239		400		
8	15172	5.057		3.219		13317	4.439		3.243	
	5171		199			4585		198		
	4972		197			4387		195		
	4775		396			4192		393		
9	14918	4.973		3.615		13164	4.388		3.636	
	5219		220			5938		222		+ 26.240
	4999		220			5716		224		- 23.449
	4779		440			5492		446		+ 2.791
10	14997	4.999		4.055		17146	5.715		4.082	
		26.240					23.449			B.M. 11-11 (PUENTE D-8, 1956) VALLEY & 7TH AVE.
	7157		092			4348		095		
	7065		092			4253		094		
	6973		184			4159		189		
11	21195	7.065		4.239		12760	4.253		4.271	

F.B. 2409 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. 50010
Notes by: G. E. DREIER Time: 10:00 TO 10:40 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 11-117A To: B.M. 11-116A
Date: 6-4-56
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
	4.078	2.065	199	4.239		4.727	4.[illegible]3	196	4.271	
	3.879		197			4.531		193		
	3.682		396			4.338		389		
12	11.639	3.880		4.635		13.596	4.532		4.660	
	5.219		191			4.688		196		
	5.028		190			4.492		193		
	4.838		381			4.299		389		
13	15.085	5.028		5.016		13.479	4.493		5.049	
	5.248		191			4.771		198		
	5.057		194			4.573		194		
	4.863		385			4.379		392		
14	15.168	5.056		5.401		13.723	4.574		5.441	
	5.291		194			4.799		200		+31.080
	5.097		192			4.599		198		-28.317
	4.905		386			4.401		398		+2.763
15	15.293	5.098		5.787		13.799	4.600		5.839	
	5.088		135			6.005		141		B.M. 11-116A (PUENTE D-9C 1956)
	4.953		135			5.864		139		VALLEY BLVD. & 8th AVE.
	4.818		270			5.725		280		
16	14.859	4.953		6.057		17.594	5.865		6.119	
		31.080					28.317			

F.B. 2404 P.G. 160

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 HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:40 TO 12:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 11-116A To B.M. 11-117A
Date 6-4-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.981		140		#11	5.064		135		B.M. 11-116A (PUENTE D-9C 1956)
	5.841		140			4.929		136		VALLEY BLVD. & 8TH AVE.
	5.701		280			4.795		271		
1	17.523	5.841		.280		14.788	4.929		.271	
	4.788		200			5.277		194		
	4.588		200			5.083		192		
	4.388		400			4.891		386		
2	13.764	4.588		.680		15.251	5.084		.657	
	4.712		195			5.198		194		
	4.517		194			5.004		191		
	4.323		389	9		4.813		385		
3	13.552	4.517		1.068		15.015	5.005		1.042	
	4.641		194			5.178		193		
	4.447		194			4.985		192		
	4.253		388	1		4.793		385		
4	13.341	4.447		1.456		14.956	4.985		1.427	
	4.689		190		4	5.051		204		
	4.499		187		3	4.847		202		
	4.312		377	4	3	4.645		406		
5	13.500	4.500		1.833		14.543	4.848		1.833	
		23.893					24.851			

F.B. 2464 P.G. 16

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: HAZE - SUN Inst. No. 50010
Notes by: G. E. DREIER Time: 10:40 TO 12 Rod No. 11 & 12

Name: L.A. CO. PRECISE LEVEL NET
Job No: 03.01.02
From: B.M. 11-116A To: B.M. 11-117A
Date: 6-4-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.283	23.893	095	1.833		7.095	26.851	093	1.833	+ 28.082
	4.188		093			7.002		091		- 30.854
	4.095		188			6.911		184		- 0.772
6	12.566	4.189		2.020		21.008	7.003		2.017	3.772
		28.082					30.854			B.M. 11-116 B. (PUENTE D-8 1956) VALLEY BLVD. & 7th AVE.
	5.988		226			5.268		221		
	5.762		223			5.047		219		
	5.539		449			4.828		440		
7	17.289	5.763		2.470		15.143	5.048		2.457	
	4.745		198			5.328		199		
	4.547		196			5.129		198		
	4.351		394			4.931		397		
8	13.643	4.548		2.864		15.388	5.129		2.854	
	4.557		201			5.168		194		
	4.356		199			4.974		198		
	4.157		400			4.776		392		
9	13.070	4.357		3.264		14.918	4.973		3.246	
		14.668					15.150			

F.B. 2400 PG. 62

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 HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:40 TO 12:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-116A To B.M. 11-117A
Date 6-4-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.638	14.668	201	3.264		5.227	15.150	195	3.246	
	4.437		199			5.032		193		
	4.238		400			4.839		388		
10	13.313	4.438		3.664		15.098	5.033		3.634	
	4.658		200			6.363		199		+ 23.564
	4.458		199			6.168		193		− 26.352
	4.259		399			5.975		392		− 2.788
11	13.375	4.458		4.063		18.506	6.169		4.026	
		23.564					26.352			BM. 11-116C PNEMTE C-8A VALLEY BLVD. & 6th AVE.
	6.109		101			4.757		104		
	6.008		103			4.653		102		
	5.905		204			4.551		206		
12	18.022	6.007		4.268		13.961	4.654		4.232	
	5.599		200			6.905		206		+ 11.406
	5.399		200			6.699		203		− 11.354
	5.199		400			6.496		409		+ 0.052
13	16.197	5.399		4.668		20.100	6.700		4.641	
		11.406					11.354			

F.B. 2404 P.G. 163

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: HAZE — Inst. No.: 50010
Notes by: G. E. DREIER — Time: 10:40 TO 12 — Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 11-116A To: B.M. 11-117A
Date: 6-4-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				4.668					4.641	B.M. 11-117 (PUENTE C-8 1939) VALLEY BLVD. & ORANGE AVE. SEE F.B. 1376-104 FOR DESC.
	8.014		131			5.975		127		
	7.883		128			5.848		127		
	7.755		259			5.721		254		
14	23.652	7.884		4.926		17.544	5.848		4.895	
	4.808		195			4.823		195		
	4.613		194			4.628		197		
	4.419		389			4.431		392		
15	13.840	4.613		5.315		13.882	4.627		5.287	
	4.822		200			5.032		197		+21.688
	4.622		199			4.835		194		-21.351
	4.423		399			4.641		391		+0.337
16	13.867	4.622		5.714		14.508	4.836		5.678	
	4.767		199			6.242		203		
	4.568		197			6.039		200		B.M. 11-117A (PUENTE C-8 C1956) VALLEY BLVD. & 5TH AVE.
	4.371		396			5.839		403		
17	13.706	4.569		6.118		18.120	6.040		6.081	
		21.688					21.351			

F.B. 2144 P.G. 64

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 SUNNY HAZE Inst. No. 50010
Notes by J. A. Maddy Time 1:25 to 2:50 Rod No. 11E12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-117 A To BM 11-116 A
Date 6-4-56
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
	6763		199		#11	5291		199		B.M. 11-117 A (PUENTE C-8C 1956)
	6564		197			5092		197		VALLEY BL. & 5th AVE
	6367		396			4895		396		SEE F.B. 1376- FOR DESC.
1	19694	6565		.396	72°	15278	5.093		.396	
	5376		198			5169		198		↑ G. E. DREIER
	5178		196			4971		200		
	4982		394			4771		398		
2	15536	5.179		.790		14911	4.970		.794	
	4210		196			4198		195		
	4014		196			4003		192		
	3818		392			3811		387		
3	12042	4.014		1.182		12012	4.004		1.181	+22.317
	6687		128			8732		132		−22.667
	6559		128			8600		131		− 0.350
	6431		256			8469		263		
4	19677	6559		1.438		25801	8.600		1.444	
		22.317					22.667			BM 11-117 PUENTE C-8 1939
										VALLEY BL. & ORANGE AVE
										SEE F.B. 1376-104 FOR DESC.

F.B. 340 P.G. 165

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 Sunny + Haze Inst. No. 50010
Notes by J.A. Moody Time 1:25 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-117 A To BM 11-116A
Date 6-4-56
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
	7569		208	1.438		6269		201	1.444	
	7362		206			6068		200		
	7156		414			5868		401		
5	22087	7.362		1.852		18205	6.068		1.845	
	5218		102			6574		102		+12.477
	5116		104			6472		101		-12.540
	5012		206			6371		203		-0.063
6	15346	5.115		2.058		19417	6.472		2.048	
		12.477					12.540			BM. 11-116 C (DUENTE C-8 in 1956) VALLEY BL. & 6th AVE SEE F.B. FOR DESC.
	6992		192			5289		198		
	6800		195			5091		196		
	6605		387			4895		394		
7	20397	6.799		2.445		15275	5.092		2.442	
	5690		195			5098		200		
	5495		192			4898		197		
	5303		387			4701		397		
8	16488	5.496		2.832		14697	4.899		2.839	
		12.295					9.991			

F.B. 7704 P.G. 166

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 Sunny Haze Inst. No. 50010
Notes by J. A. Moody Time 1:25 to 2:50 Rod No. 115/12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 11-117 A To BM 11-116 A
Date 6-4-56
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
	5948	12.295	198	2832		5330	9.991	197	2.839	
	5750		198			5133		194		
	5552		396			4939		391		
9.	17250	5.750		3228		15402	5.134		3230	
	5733		196			5149		197		
	5537		197			4952		194		
	5340		393			4758		391		
10.	16610	5.537		3621		14859	4.953		3621	
	5831		220			6552		224		
	5611		279			6328		223		
	5392		439			6105		447		
11.	16834	5.611		4060		18985	6.328		4068	
		29.193					26.406			BM 11-116 B (PUENTE D-8 1956) VALLEY BL. 7th AVE SEE F.B. 1376 - FOR DESC.
	7592		091			4780		094		
	7501		092			4686		094		
	7409		183			4592		188		
12	22502	7.501		4243		14058	4.686		4256	

+ 29.193
- 26.406
+ 2.787

F.B. 1404 P.G. 67

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather SUNNY HAZE Inst. No. 50010
Notes by J. A. MOODY Time 1:25 to 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-117 A To 11-116 A
Date 6-4-56
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
	4384	7501	197	4243		5033	4.686	193	4256	
	4187		196			4840		192		
	3991		393			4648		385		
13	12.562	4.187		4636		14.521	4.840		4641	
	5663		191			5130		192		
	5472		192			4938		195		
	5280		383			4743		387		
14	16.415	5.472		5019		14.811	4.937		5028	
	5720		191			5239		196		
	5529		193			5043		195		
	5336		384			4848		391		
15	16585	5528		5403		15130	5043		5419	
	5681		193			5194		201		+33.644
	5488		195			4993		197		-30.881
	5293		398			4796		398		+2.763
16	16.462	5487	8	5~~801~~ 191		14.983	4.994		5.817	
	5604		135			6521		140		B.M. 11-116 A (PUENTE D-9C 1956)
	5469		136			6381		140		VALLEY BL. & 8th AVE
	5333		271			6241		280		SEE F.B. 1376- for DESC.
17	16.406	5469		60~~8~~62		19.143	6381		6097	
		33.644					30.881			

F.B. 2409 P.G. 168

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 SUNNY. HAZE Inst. No 50012
Notes by J. A. MUDDY Time 3:00 to 4:00 Rod No 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-116 A To BM 11-117 A
Date 6-4-56
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
	6503		140		#11	5588		136		B.M. 11-116 A (PUENTE D-9C 1956)
	6363		141			5452		134		VALLEY BL. & 8th AVE
	6222		281			5318		270		SEE F.B. 1376 FOR DESC.
1	19088	6363		281	75°	16358	5453		270	
	5075		198			5567		195		
	4877		199			5372		193		
	4678		397			5179		198		
2	14630	4877		678		16118	5373		688	
	5210		195			5691		192		
	5015		196			5499		192		
	4819		391			5307		384		
3	15044	5015		1069		16497	5499		1052	
	5183		193			5716		192		
	4990		192			5524		191		
	4798		385			5333		383		
4	14971	4990		1484		16573	5524		1485	
	5047		190			4403		201		
	4857		191			4202		202		
	4666		381			4000		403		
5	14570	4857		1885		12605	4207		1888	
	26102					26051				

F.B. 2414 P.G. 169

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Sunny Haze Inst. No. 50010
Notes by J.A. Moody Time 3:00 to 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-116 A To BM 11-117 A
Date 6-4-56
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
	4938	26.102	093	18~~4~~5 3		7752	26051	093	18~~3~~8 2	
	4845		091			7659		091		+ 30.948
	4754		184			7568		184		- 33.711
6	14.537	4.846		20~~2~~1 9		22.979	7.660		20~~2~~1 2	- 2.763
	6583	30.948	225			5859	33.711	220		BM. 11-116 B (PUENTE D-8 1956)
	6358		225			5639		220		VALLEY BL. & 8th AVE
	6133		450			5419		440		SEE F.B. 1376- FOR DESC.
7	19.074	6.358		24~~7~~6 9		16.917	5.639		24~~6~~6 2	
	5258		196			5848		198		
	5062		197			5650		199		
	4865		393			5451		397		
8	15.185	5.062		28~~7~~6 2		16.949	5.650		28~~5~~4 9	
	5290		199			5903		200		
	5091		198			5703		196		
	4893		397			5507		396		
9	15.274	5.091		32~~6~~5 9		17.113	5.704		32~~5~~4 5	
	5191		198			5785		194		
	4993		197			5591		193		
	4796		395			5398		387		
10	14.980	4.993		36~~6~~5 4		16.774	5.591		36~~4~~3 2	
		21.504					22.584			

F.B. 2404 P.G. 170

76P526 S & E #379 1-54

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Chief of Party E. DREIER Weather SUNNY HAZE Inst. No. 50010
Notes by J. A. MOODY Time 3:00 to 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-116 A To BM 11-117 A
Date 6-4-56
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
	5350	21.504	198	3.6~~4~~5		7056	22.584	194	3.6~~4~~3	+ 26.657
	5152		195			6862		194		- 29.446
	4957		393	4		6668		388		- 2.789
11	15459	5.153		4.0~~5~~7		20586	6.862		4.0~~5~~2 0	
		26.657					29.446			BM 11-116 C (PUENTE C-8A 1956) VALLEY BL. & 6TH AVE SEE F.B. 1397 - FOR DESC.
	6564		102			5209		104		
	6462		102			5105		102		
	6360		204	5		5003		206		
12.	19386	6.462		4.2~~6~~1		15317	5.106		4.2~~3~~2 6	
	6212		201			7513		206		+ 12.473
	6011		200			7307		205		- 12.413
	5811		401	5		7102		411		+ 0.060
13.	18034	6.011		46~~6~~2		21922	7.307		4637	
	8723	12.473	130			6682	12.413	126		BM 11-117 (PUENTE C-8 1939) VALLEY BL. & ORANGE AVE SEE F.B. 1376-104 FOR DESC
	8593		131			6556		127		
	8462		261	1		6429		253		
14.	25778	8.593		49~~2~~3		19667	6.556		4890	

F.B. 2404 P.G. 171

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Chief of Party [redacted] E. DREIER Weather Sunny Haze Inst. No 50010
Notes by J.A. Moody Time 3:00 to 4:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 11-116A To BM 11-117 A
Date 6-4-56
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
	5198	8.593	196	4923		5209	6.556	196	4890	
	5002		192			5013		195		
	4810		388			4818		391		
15	15010	5003		5301		15040	5013		5281	
	5277		198			5488		198		
	5079		197			5290		197		
	4882		395			5093		395		
16	15238	5079		5696		15871	5.290		5676	
	5354		195			6835		202		+ 23.834
	5159		196			6633		203		- 23.492
	4963		391			6430		405		+ 0.342
17	15476	5.159		6087		19898	6.633		6081	
		23.834					23.492			BM 11-117 A VALLEY BL. & 5th AVE SEE C.B. 1376 - FOR DESC.

F.B. 240A PG 172

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY HAZE Inst. No. 50010
Notes by S. A. MOODY Time 11:00 to Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM 11-116 A To BM 11-115 A
Date 6-6-56
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
	6420		193		#11	5657		196		B.M. 11-116 A (PUENTE D-9C 1956)
	6227		190			5461		194		VALLEY BL. & 8TH AVE
	6037		383			5267		390		SEE FB. FOR DESC.
1	18.684	6.228		.383	73°	16.385	5.462		.390	
	5503		195			5377		189		
	5308		197			5188		188		
	5111		392			5000		377		
2	15.922	5.307		.775		15.565	5.188		.767	
	6841		165			6115		171		
	6676		164			5944		169		
	6512		329			5775		340		
3	20.029	6.676		1.104		17.834	5.945		1.107	
	6979		196		?	4358		191		
	6783		196		9	4167		192		
	6587		392		?	3975		383		
4	20.349	6.783		1.496	5	12.400	4.167		1.490	
	3449		192			5657		196		
	3257		191			5461		193		
	3066		383			5268		389		
5	9.772	3.257		1.879		16.386	5.462		1.879	
			28.251					26.224		

F.B. 2102 P.G. 173

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. E. DREIER Weather Sunny Haze Inst. No. 50010
Notes by J. A. Moody Time 11:00 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-116A To BM 11-115A
Date 6-6-56
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
	5732	2825	.067	1.879		6435	2622	.069	1.879	
	5665		067			6366		069		+33.916
	5598		134			6297		138		-32.590
6	16995	5665		2.013		19098	6366		2.017	+1.326
		33.916					32.590		2.013 4.030 =0.26m	BM. 11-115B (Duente D-98 1956) Valley Bl. & 9th Ave SEE F.B. for desc.
	7280		190			5251		187		
	7090		189			5064		183		
	6901		379			4881		370		
7	21271	7090		2.392		15196	5065		2.387	
	5628		085			5279		086		
	5543		085			5193		083		
	5458		170			5110		169		
8	16629	5543		2.562		15582	5.194		2.556	
	5920		191			5436		193		
	5729		189			5239		193		
	5540		380			5046		386		
9	17189	5.730		2.942		15721	5.240		2.942	
		18.363					15.499			

F.B. 2704 P.G. 74

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: Sunny, Haze Inst. No. 50010
Notes by: J. A. Moody Time: 11:00 to 11:50 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: BM 11-116 A To: BM 11-115 A
Date: 6-6-56
Indexed: E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5717	18363	197	2942		5145	15499	196	2942	
	5520		197			4949		197		
	5323		3941			4752		393		
10	16.560	5520		3336		14.846	4949		3335	
	5779		195			5214		194		
	5584		192			5020		192		
	5392		3871			4828		3861		
11	16.755	5585		3723		15062	5021		3721	
	5533		154			6450		156		+34.848
	5379		151			6294		154		-31.764
	5228		3051			6140		1310		+3.084
12	16140	5380		4028		18841	6295		4031	
										BM 11-115 A (PUENTE E-9A 1956) VALLEY BL. & TURNBULL CN. RD. SEE F.B. 1376 - FOR DESC.
			34.848					31.764		

F.B. 2444 P.G. 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 Inst. No. 50010
Notes by Time Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From To
Date
Indexed

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

F.B. 2404 P.G. 176

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 THIN OVERCAST Inst. No. 50010
Notes by J. MOODY Time 10:05 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-115A To B.M. 11-116A
Date 6-6-56
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
	6458		158		#11	5538		154		B.M. 11-115A (PUENTE E-9A 1956)
	6300		156			5384		152		VALLEY BLVD. & TURNBULL CN. RD.
	6144		314			5232		306	0	SEE F.B. 1376- FOR DESC.
1	18902	6.301		.314	66°	16154	5.385	0	.306	
	5284		194			5850		195		
	5090		193			5655		194		⊼ G.E. DREIER
	4897		387			5461		389	695	
2	15271	5.090		.761		16966	5.655		~~.705~~	
	5228		197			5800		197		
	5031		197			5603		196		
	4834		394			5407		393	8	
3	15093	5.031		1.095		16810	5.603		1.098	
	5383		193			5870		193		
	5190		196			5677		194		
	4994		389			5483		387	7	
4	15567	5.189		1.484		17030	5.677		1.485	
	5333 21.611		085			5682		085		
	5248		085			5597		085		
	5163		170	4		5512		170	4	
5	15744	5.248		1.650		16791	5.597		1.655	
	26859					27917				

F.B. 2404 PG. 177

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY HAZE Inst. No. 50010
Notes by J. A. MOORE Time 10:05 to 11:00 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From BM 11-115 A To BM 11-116 A
Date 6-6-56
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
	5269	26.859	189	1650 A		7292	27.917	190	1655 A	
	5080		186			7102		190		+ 31.940
	4894		375			6912		380		- 35.019
6	15243	5.081		2025	70°	21306	7.102		2035	- 3.079
		31.940					35.019			BM 11-115 B (PUENTE D-98 1956) VALLEY BL. & 9TH AVE SEE F.B. FOR DESC.
	6449		068			5748		068		
	6381		068			5680		067		
	6313		136			5613		135		
7	19143	6.381		2165		17041	5.680		2160	
	5745		194			3537		193		
	5551		193			3344		192		
	5358		387			3152		385		
8	16654	5.551		2548		10033	3.344		2555	
	4035		195			6648		197		
	3840		194			6451		196		
	3646		389			6255		393		
9	11521	3.840		2937		19354	6.451		2948	
		15.772					15.475			

F.B. 3404 P.G. 78

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 THIN OVERCAST Inst. No. 50010
Notes by J. A. MOODY Time 10:05 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-115 A To BM 11-116 A
Date 6-6-56
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
	6058	15.772	196	29~~37~~ 41		6731	15.475	139	29~~48~~ 3	
	5862		194			6592		139		
	5668		390			6453		278		
10	17.588	5.863		33~~27~~ 31		19776	6.592		32~~2~~ 1 6	
	4962		166			5134		220		
	4796		165			4914		217		
	4631		331			4697		437		
11	14389	4.796		36~~58~~ 62		14745	4.915		36~~6~~ 5 3	
	5518		196			6281		193		+31.754
	5322		193			6088		191		-33.071
	5129		389			5897		384		-1.317
12	15969	5.323		40~~47~~ 51		18266	6.089		40~~4~~ 3 7	
										BM 11-116A (PUENTE D-9C 1956) VALLEY BL. & 8th AVE SEE FB. FOR DESC.
		31.754					33.071			

F.B. 2404 P.G. 179

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Chief of Party [redacted] E. DREIER Weather ..... Inst. No. 50010

Notes by ..... Time ..... Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET

Job No. 0301.02

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. 2404 P.G. 180

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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 2:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0.301.02
From B.M. 11-115A To B.M. 11-114
Date 6-6-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.601		182		#11	4.866		185		B.M. 11-115A (PUENTE E-9A, 1956)
	6.419		180			4.681		182		VALLEY BLVD. & TURNBULL CN. RD.
	6.239		362			4.499				SEE F.B. 1376 - FOR DESC.
1	19.259	6.420		362	76	14.046	4.682	367	367	
	4.983		191			4.393		194		T. J. MOODY
	4.742		190			4.199		193		
	4.552		381			4.006		387		
2	14.227	4.742		.743		12.598	4.199		.754	
	4.879		194			4.492		195		
	4.685		193			4.297		198		
	4.492		387			4.099		393		
3	14.056	4.685		1.130		12.888	4.296		1.147	
	5.406		194			4.637		195		
	5.212		191			4.442		194		
	5.021		385			4.248		389		
4	15.639	5.213		1.515		13.327	4.442		1.536	
	5.351		199			4.569		200		
	5.152		195			4.369		198		
	4.957		394			4.171		398		
5	15.460	5.153		1.909		13.109	4.370		1.934	
		26.213					21.989			

F.B. 2447 P.G. 18

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: B. E. DREIER Weather: HAZY SUN Inst. No. 50010
Notes by: G. E. DREIER Time: 1:00 TO 2:20 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 11-115A To: B.M. 11-114
Date: 6-6-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.831	26.213	193	1.909		5.104	21.989	191	1.934	
	5.638		190			4.913		190		
	5.448		383			4.723		381		
6	16.917	5.639		2.292		14.740	4.913		2.315	
	5.191		192			4.725		194		
	4.999		193			4.531		194		
	4.806		385			4.337		388		
7	14.996	4.999		2.677		13.593	4.531		2.703	
	6.242		190			4.419		201		
	6.052		193			4.218		199		
	5.859		383			4.019		400		
8	18.153	6.051		3.060		12.656	4.219		3.103	
	6.272		197			4.398		198		
	6.075		200			4.200		197		
	5.875		397			4.003		395		
9	18.222	6.074		3.457		12.601	4.200		3.498	
	6.332		195			4.378		200		
	6.137		198			4.178		199		
	5.939		393			3.979		399		
10	18.408	6.136		3.850		12.535	4.178		3.897	
		55.112					44.030			

F.B. 2402 P.G. 132

76P526 S & E #379 1-54

PLEASE RETURN TO
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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. 50010
Notes by G. E. DREIER Time 1:00 to 2:20 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 11-115A To B.M. 11-114
Date 6-6-56
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
	6.651	55.112	193	3.850		3.902	44.030	183	3.897	
	6.458		193			3.719		181		
	6.265		386			3.538		364		
11	19.374	6.458		4.236		11.159	3.720		4.261	
	8.409		161			7.222		155		
	8.248		159			7.067		156		B.M. 11-114
	8.089		320			6.911		311		VALLEY BLVD. & HACIENDA BLVD.
12	24.746	8.249		4.556		21.200	7.067		4.572	SEE F.B. 1376-101 FOR DESC.
										SUMMATION OF RUN B.M. 11-115A TO B.M. 11-114
										TOTAL BACKSIGHTS + 69.819
										TOTAL FORESIGHTS - 54.817
										DIFF IN ELEVATION + 15.002
		69.819					54.817			

F.B. 2404 P.G. 183

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 [redacted] E. DREIER Weather ..... Inst. No. .....

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

Name L. A. CO. PRECISE LEVEL NE

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. 224 P.G. 124										

76P526 S & E #379 1-54

PLEASE RETURN TO
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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: OVERCAST Inst. No. 50010
Notes by: G. E. DREIER Time: 9:00 TO 10:05 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 11-114 To: B.M. 11-115A
Date: 6-6-56
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
	7.211		160		#11	8.389		158		B.M. 11-114
	7.051		157			8.231		156		VALLEY BLVD. & HACIENDA BLVD.
	6.894		317			8.075		314		SEE F.B. 1376-101 FOR DESC.
1	21.156	7.052		317	65°	24.695	8.232		314	
	3.957		183			6.712		194		
	3.774		182			6.518		195		⊼ J. MOODY
	3.592		365			6.323		389		
2	11.323	3.774		.682		19.553	6.518		.703	
	4.258		199			6.215		196		
	4.059		198			6.019		197		
	3.861		397			5.822		393		
3	12.178	4.059		1.079		18.056	6.019		1.096	
	4.183		195			6.059		200		
	3.988		197			5.859		197		
	3.791		392			5.662		397		
4	11.962	3.987		1.471		17.580	5.860		1.493	
	4.487		199			6.318		192		
	4.288		197			6.126		191		
	4.091		396			5.935		383		
5	12.866	4.289		1.867		18.379	6.126		1.876	
		23.161					32.755			

F.B. 2121 P.G. 165

76P526 S & E #379 1-54

PLEASE RETURN TO
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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] DREIER Weather OVERCAST Inst. No 50010
Notes by G. E. DREIER Time 9:00 TO 10:05 Rod No 11 & 12

Name [redacted]
Job No. 0301.02
From B.M. 11-114 To B.M. 11-115A
Date 6-6-56
Indexed [redacted] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4,759	23.161	192	1,867		5228	32.755	195	1,876	
	4,567		195			5,033		194		
	4.372		387			4.839		389		
6	13,698	4,566		2.254		15,100	5.033		2,265	
	5,028		191			5,758		193		
	4,837		189			5.565		192		
	4.648		380			5.373		385		
7	14,513	4.838		2.634		16,696	5.565		2650	
	4,579		198			5,362		199		
	4,381		199			5,163		195		
	4.182		397			4.968		394		
8	13,142	4,381		3,031		15.493	5.164		3044	
	4,529		194			5298		195		
	4.335		193			5.103		192		
	4 142		387			4.911		387		
9	13,006	4.335		3,418		15,312	5.104		3431	
	4,497	41.281	198			4.879		194		
	4.299		197			4,685		193		
	4,102		395			4.492		387		
10	12.898	4.299		3,813		14.056	4.685		3818	
		45,580					58,306			

F.B. 1404 P.G. 186

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 [redacted] E. DREIER Weather OVERCAST Inst. No 50010
Notes by G. E DREIER Time 9:00 TO 10:05 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M.11-114 To B.M.11-115A
Date 6-6-56
Indexed [redacted] C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.202	45.580	190	3813		4.748	58.306	195	3.818	
	4.012		194			4.553		192		
	3.818		384			4.361		387		
11	12.032	4.011		4.197		13.662	4.554		4.205	
	4868		186			6.601		182		
	4.682		183			6.419		180		B.M.11-115A (PUENTE E-9A 1956)
	4.499		369			6.239		362		VALLEY BLVD. & TURNBULL CN. RD.
12	14.049	4.683		4.566		19.259	6.420		4.567	SEE F.B.1376- FOR DESC.
									4.566	
									9.133	
									=0.59m	
										SUMMATION OF RUN
										B.M.11-115A TO B.M.11-114
										TOTAL BACKSIGHTS +54.274
										TOTAL FORESIGHTS -69.280
										DIFF IN ELEVATION -15.006
	54274						69280			

F.B. 2104 P.G. 137

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 ..... Inst. No 5001,0

Notes by ..... Time ..... Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET

Job No. 0301.02

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. 2404 P.G. 188

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 [redacted] DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 3:00 TO 4:05 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 11-114 To B.M. 38-14
Date 6-6-56
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
	7.208		183		#11	6.838		190		B.M. 11-114
	7.025		180			6.648		189		VALLEY BLVD. & HACIENDA BLVD.
	6.845		363			6.459		379		SEE F.B. 1376-101 FOR DESC.
1	21.078	7.026		.363	72°	19.945	6.648		.379	
	2.934		097			4.692		100		
	2.837		095			4.592		096		↑ J. MOODY
	2.742		192			4.496		196		
2	8.513	2.838		.555		13.780	4.593		.575	
	5.525		200			5.893		195		
	5.325		196			5.698		199		
	5.129		396			5.499		394		
3	15.979	5.326		.951		17.090	5.697		.969	
	5.178		200			6.002		201		
	4.978		199			5.801		199		
	4.779		399			5.602		400		
4	14.935	4.978		1.350		17.405	5.802		1.369	
	5.023		198			5.679		191		
	4.825		196			5.488		193		
	4.629		394			5.295		384		
5	14.477	4.826		1.744		16.462	5.487		1.753	
		24.994					28.227			

F.B. 2464 P.G. 12

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 [redacted] E. DREIER Weather HAZY 50° Inst. No. 50010
Notes by C. E. DREIER Time 3:00 TO 4:05 Rod No. 11812

Name L.A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 11-114 To B.M. 38-14
Date 6-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.452	24.994	091	1.744		4.351	28.227	094	1.753	
	5.361		091			4.257		095		+30.355
	5.270		182			4.162		189		-32.484
6	16.083	5.361		1.926		12.770	4.257		1.942	-2.129
		30.355					32.484		1.926	
									3.868	T.B.M. HACIENDA BLVD. 0.25 MI. S. OF VALLEY BLVD, L.& T. IN CENTER OF W. HEADWALL
	4.695		104			5.170		100		
	4.591		100			5.070		098		
	4.491		204			4.972		198		
7	13.777	4.592		2.130		15.212	5.071		2.140	
	5.432		190			4.888		191		
	5.242		190			4.697		190		
	5.052		380			4.507		381		
8	15.726	5.242		2.510		14.092	4.697		2.521	
	5.125		193			5.031		196		
	4.932		193			4.835		193		
	4.739		386			4.642		389		
9	14.796	4.932		2.896		14.508	4.836		2.910	
		14.766					14.604			

F.B. 2704 P.G. 120

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 3:00 TO 4:05 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-114 To B.M. 38-14
Date 6-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.975	14.766	192	2.896		5.658	14.604	195	2.980	
	4.783		188			5.463		191		
	4.595		380			5.272		386		
10	14.353	4.784		3.276		16.393	5.464		3.286	
	5.517		195			4.318		192		
	5.322		191			4.126		189		
	5.131		386			3.937		381		
11	15.970	5.323		3.662		12.381	4.127		3.667	
	6.543		171			3.311		168		+35.935
	6.372		170			3.143		164		-33.534
	6.202		341			2.979		332		+2.401
12	19.117	6.372		4.003		9.433	3.144		4.009 ~~3.999~~	
	4.772		081			6.279		084		
	4.691		083			6.195		083		B.M. 38-14
	4.608		164			6.112		167		HACIENDA BLVD. BETWEEN WALNUT
13	14.071	4.690		4.167	76°	18.586	6.195		4.176	CR. & U.P. RR.
		35.935					33.534			SEE F.B. 1359-20 FOR DESC.

F.B. 2144 P.G. 12

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 [redacted] E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:15 TO 10:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 6301.02
From B.M. 38-14 To B.M. 11-114
Date 6-8-56
Indexed [redacted] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.168		085			4.659		080		B.M. 38-14
	6.083		084			4.579		081		HACIENDA BLVD. & WALNUT CR,
	5.999		169			4.498		161		SEE F.B. 1359-20 FOR DESC.
1	18.250	6.083		.169		13.736	4.579		.161	
	3.303		166			6.535		172		↑ J. MOODY
	3.137		166			6.363		171		
	2.971		332			6.192		343		
2	9.411	3.137		.501		19.090	6.363		.504	
	4.182		193			5.379		191		
	3.989		191			5.188		191		
	3.798		384			4.997		382		
3	11.969	3.990		.885		15.564	5.188		.886	
	5.419		192			4.743		192		
	5.227		194			4.551		192		
	5.033		386			4.359		384		
4	15.679	5.226		1.271		13.653	4.551		1.270	
	5.078		195			5.179		192		
	4.883		191			4.987		192		
	4.692		386			4.795		384		
5	14.653	4.884		1.657		14.961	4.987		1.654	
		23.320					25.668			

F.B. 2404 P.G. 192

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 G. E. DREIER Time 9:15 TO 10:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 38-14 To B.M. 11-114
Date 6-8-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.918	23.320	190	1.657		5.472	25.668	193	1.654	
	4.728		190			5.279		190		
	4.538		380			5.089		383		
6	14.184	4.728		2.037		15.840	5.280		2.037	
	5.199		100			4.719		100		+33.147
	5.099		100			4.619		100		-35.567
	4.999		200			4.519		200		-2.420
7	15.297	5.099		2.237		13.857	4.619		2.237	
		33.147					35.567		2.237 4.474 =0.29 mi.	T.B.M. HACIENDA BLVD. 0. MI. S. OF VALLEY BLVD., L. & T. IN CENTER OF W. HEADWALL OF CULVERT
	4.441		194			5.545		192		
	4.347		194			5.453		191		
	4.253		388			5.362		383		
8	13.041	4.347		2.625		16.360	5.453		2.620	
	5.404		195			4.742		195		
	5.209		195			4.547		196		
	5.014		390			4.351		391		
9	15.627	5.209		3.015		13.640	4.547		3.011	
		9.556					10.000			

F.B. 2429 P.G. 193

76P526 S & E #379 1-54

PLEASE RETURN TO
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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. 50010
Notes by: G. E. DREIER Time: 9:15 TO 10:[illegible] Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From: B.M. 38-14 To: B.M. 11-114
Date: 6-8-56
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
	6.054	9.556	200	3.015		5.232	10.030	200	3.011	
	5.854		201			5.032		197		
	5.653		401			4.835		397		
10	17.561	5.854		3.416		15.099	5.033		3.408	
	5.897		199			5.532		199		
	5.698		199			5.333		196		
	5.499		398			5.137		395		
11	17.094	5.698		3.814		16.002	5.334		3.803	
	4.756		098			2.998		096		+32.498
	4.658		099			2.902		094		− 30.376
	4.559		197			2.808		190		+ 2.122
12	13.973	4.658		4.011		8.708	2.903		3.993	
	6.918		186			7.292		187		
	6.732		185			7.105		183		B.M. 11-114
	6.547		371			6.922		370		VALLEY BLVD. & HACIENDA BLVD.
13	20.197	6.732		4.382		21.319	7.106		4.363	SEE F.B. 1376-101 FOR DESC.
		32.498					30.376			

F.B. 704 P.G. 54

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: HAZE SUN Inst. No: 5000
Notes by: J. A. MOODY Time: 2:30 to 3:40 Rod No: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No: 03.01.02
From: BM 38-14 To: BM 11-114
Date: 6-15-56
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
	6251		084		#11	4878		089		BM 38-14
	6167		085			4789		090		HACIENDA BLVD & WALNUT CR.
	6082		169			4699		179		SEE F.B. 1359-20 FOR DESC.
1	18500	6.167		.169	78°	14366	4.789		.179	
	3337		172			6441		172		
	3165		172			6269		171		⊼ G.E. DREIER
	2993		344			6098		343		
2	9495	3.165		.513		18808	6.269		.522	
	4546		193			5734		191		
	4353		191			5543		190		
	4162		384			5353		381		
3	13061	4.354		.897		16630	5.543		.903	
	5739		194			5057		191		
	5545		193			4866		190		
	5352		387			4676		381		
4	16636	5.545		1.284		14599	4.866		1.284	
	5255		193			5350		191		
	5062		192			5159		191		
	4870		385			4968		382		
5	15187	5.062		1.669		15477	5.159		1.666	
		24.293					26.626			

F.B. 2104 P.G. 195

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] DREIER Weather HAZE [illegible] Inst. No. 50010
Notes by J A MOODY Time 2:30 to [illegible] Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM 38-14 To BM 11-114
Date 6-15-56
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
	5135	24.293	190	1669		5688	26.626	191	1666	
	4945		192			5497		188		
	4753		382			5309		379		
6	14.833	4.944		2051		16.494	5.498		2045	
	5263		101			4.778		100		+34.399
	5162		101			4.678		099		-36.802
	5061		202			4.579		199		-2.403
7	15.486	5.162		2253		14.035	4.678		2244	
		34.399					36.802			T.B.M
										HACIENDA BLVD. O. MI. S. of
										VALLEY BLVD. L&T. IN CENTER
										of W. HEADWALL of CULVERT
	3790		193			6959		195		
	3597		194			6.764		192		
	3403		387			6.572		387		
8	10.790	3.597		2640		20.295	6.765		2631	
	6418		198			3017		195		
	6220		200			2822		194		
	6022		398			2628		389		
9	18.660	6.220		3038		8.467	2.822		3020	
		9.817					9.587			

F.B. 2404 P.G. 196

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by J. A. MOODY Time 2:30 to 3:40 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 030102
From BM 38-14 To BM 11-114
Date 6-15-56
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
	5852	9.817	200	3.038		5317	9.587	188	3.020	
	5652		200			5129		186		
	5452		400			4943		374		
10	16.956	5.652		3.438		15.389	5.130		3.394	
	5500		213			3721		185		
	5287		212			3536		185		
	5075		425			3351		370		
11	15862	5.287		3.863		10.608	3.536		3.764	+26.676
	6087		167			6507		208		-24.552
	5920		166			6299		208		+2.124
	5754		333			6091		416		
12	17.761	5.920		4.196		18.897	6.299		4.180	
										BM 11-114 VALLEY BLVD & HACIENDA BLVD SEE F.B. 1359-101 FOR DESC.
		26.676					24.552			

F.B. 2404 Pg. 197

F.B. ..... P.G. .....

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 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. ..... P.G. .....

FB. 2404 Pg 198

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: G. E. DREIER Time: 9:00 TO Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 030102
From: B.M. 38-14 To: B.M. 38-12
Date: 6-7-56
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
	6.383		194		#11	2.333		194		B.M 38-14
	6.189		196			2.139		194		HACIENDA BLVD. BETWEEN WALNUT
	5.993		390			1.945		388		CR. & U.P.R.R.
1	18.565	6.188		.390	66°	6.417	2.139		.388	SEE F.B. 1359-20 FOR DESC.
	3.642		194			5.031		193		
	3.448		197			4.838		190		
	3.251		391			4.648		383		J. MOODY
2	10.341	3.447		.781		14.517	4.839		.771	
	6.018		196			4.826		194		
	5.822		193			4.632		193		
	5.629		389			4.439		387		
3	17.469	5.823		1.170		13.897	4.632		1.158	
	6.184		197			4.698		195		
	5.987		198			4.503		192		
	5.789		395			4.311		387		
4	17.960	5.987		1.565		13.512	4.504		1.545	
	5.931		192			4.411		199		
	5.739		188			4.212		196		
	5.551		380			4.016		395		
5	17.221	5.740		1.945		12.639	4.213		1.940	
		27.185					20.327			

F.B. 2054 P.G. 00

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 THIN OVERCAST Inst. No. 50010
Notes by DREIER & MOODY Time 9:00 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NP
Job No. 0301.02
From B.M. 38-14 To B.M. 38-12
Date 6-7-56
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
	6.404	27.185	196	1.945		4.259	20.[illegible]	193	1.940	
	6.208		195			4.066		195		+39.624
	6.013		391			3.871		388		-29.918
6	18.625	6.208		2.336		12.196	4.065		2.328	+9.706
	6.348		117			5.651		126		
	6.231		118			5.525		124		B.M. 38-13
	6.113		235			5.401		250		HACIENDA BLVD. & GALE AVE.
7	18.692	6.231		2.571		16.577	5.526		2.578	SEE F.B. 1359-19 FOR DESC
	39.624					29.918			2.571	
									5.149 = 0.33 mi	G. E. DREIER
	7042		194			4683		192		
	6848		196			4491		193		
	6652		390			4298		385		
8	20542	6.847		2.961		13.472	4.491		2.963	
	6755		203			4398		195		
	6552		201			4203		196		
	6351		404			4007		391		
9	19658	6.553		3.365		12.608	4.203		3.354	
	13400					8694				

F.B. 2400 P.G. 200

76P526 S & E #379 1-54

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Chief of Party E. E. DREIER Weather THIN OVERCAST Inst. No. 500.10
Notes by J. A. MOODY Time 9:00 to 10:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-14 To BM 38-12
Date 6-7-56
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
	6677	13.400	194	3365		4370	8.694	201	3354	
	6483		193			4169		198		
	6290		387			3971		399		
10	19450	6.483		3752		12510	4.170		3753	
	6396		197			4053		199		
	6199		195			3854		197		
	6004		392			3657		396		
11	18599	6.200		4144		11564	3.855		4149	
	6150		197			4159		201		
	5953		195			3958		198		
	5758		392			3760		399		
12	17861	5.954		4536		11877	3.959		4548	
	6423		197			4215		198		
	6226		196			4017		197		
	6030		393			3820		395		
13	18679	6.226		4929		12052	4.017		4943	
	7049		190			4059		196		
	6859		190			3863		194		
	6669		380			3669		390		
14	20577	6.859		5309		11591	3.864		5333	
		45.122					28.559			

F.B. 2204 P.G. 20

76P526 S & E #379 1-54

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Chief of Party [redacted] E. DREIER Weather SUNNY HAZE Inst. No. 50010
Notes by J. ANDRADY Time 9:00 to 10:15 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-14 To B.M. 38-12
Date 6-7-56
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
	6579	45.122	252	5.309		3399	28.559	221	5.333	+ 51.450
	6327		248			3178		219		- 31.738
	6079		500			2959		440		+ 19.712
15	18985	6.328		5.809		9.536	3.179		5.773	B.M. 38-12
		51.450					31.738			HACIENDA BLVD. & PALM AVE
										SEE F.B. 1359-18 FOR DESC.

F.B. 1364 P.G. 202

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 SUNNY HAZE Inst. No 50010
Notes by J. A. MOODY Time 2:45 to 3:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 38-12 To B.M. 38-14
Date 6-7-56
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
	3651		228		#11	6810		235		B.M. 38-12
	3423		227			6575		233		HACIENDA BLVD & PALM AVE
	3196		455			6342		468		SEE F.B. 1359-18 FOR DESC.
1	10270	3.423		455	80°	19727	6.576		468	
	3979		192			6974		194		
	3787		191			6780		193		↑ G.E. DREIER
	3596		383			6587		387		
2	11362	3.787		838		20341	6.780		855	
	4190		197			6400		201		
	3993		198			6199		201		
	3795		395			5998		402		
3	11978	3.993		1233		18597	6.199		1257	
	4253		196			6250		200		
	4057		197			6050		197		
	3860		393			5853		397		
4	12170	4.057		1626		18153	6.051		1654	
	3834		197			6177		200		
	3637		198			5977		200		
	3439		395			5777		400		
5	10910	3.637		2021		17931	5.977		2054	
		18.897					31.583			

F.B. 2404 P.G. 203

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Sunny, Hazy Inst. No. 5000
Notes by J. A. Moody & G.E.D. Time 2:45 to 3:40 Rod No. 11 & 12

Name [illegible]
Job No. 0301.02
From BM 38-12 To BM 38-14
Date 6-7-56
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
	4337	18.897	205	2021		6637	31.583	189	2054	
	4132		204			6448		190		
	3928		409			6258		379		
6	12397	4.132		2430		19343	6.448		2433	
	4258		194			6613		203		
	4064		195			6410		205		
	3869		389			6205		408		
7	12191	4.064		2819		19228	6.409		2841	
	4558		196			6909		192		+ 31.456
	4362		194			6717		190		− 51.158
	4168		390			6527		382		− 19.702
8	13088	4.363		3269		20153	6.718		3223	
		31.456					51.158		3.209 6.032 −0.41 m	B.M. 38-13 HACIENDA BLVD. & GALE AVE. SEE F.B. 1359-19 FOR DESC.
	5111		120			5.804		116		
	4.991		118			5.688		115		J. Moody
	4.873		238			5.573		231		
9	14.975	4.992		3447		17.065	5.688		3.454	

F.B. 2404 P.G. 204

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN GUSTY WIND Inst. No. 5-0010
Notes by G.E. DREIER Time 2:45 TO 3:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-12 To B.M. 38-14
Date 6-7-56
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
	3.962	4.992	195	3.447		6.105	5.688	196	3.454	
	3.767		196			5.909		192		
	3.571		391			5.717		388		
10	11.300	3.767		3.838		17.731	5.910		3.842	
	4.053		199			5.565		190		
	3.854		197			5.375		190		
	3.657		396			5.185		380		
11	11.564	3.855		4.234		16.125	5.375		4.222	
	4.573		191			6.063		204		
	4.382		190			5.859		200		
	4.192		381			5.659		404		
12	13.147	4.382		4.615		17.581	5.860		4.626	
	4.278		196			5.463	4.387	192		
	4.082		199			5.271		193		
	3.883		395			5.078		385		
13	12.243	4.081		5.010		15.812	5.271		5.011	
	4.481		190			3.098		199		
	4.291		192			2.899		197		
	4.099		382			2.702		396		
14	12.871	4.290		5.392		8.699	2.900		5.407	
		25.367					31.004			

F.B. 2404 P.G. 205

76P526 S & E #379 1-54

PLEASE RETURN TO
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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 HAZE-SUN GUSTY Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO 3:40 Rod No. 11 E12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-12 To B.M. 38-14
Date 6-7-56
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
	2.417	25.367	200	5.392		6.459	31.304	194	5.407	+27.584
	2.217		199			6.265		191		-37.270
	2.018		399			6.074		385		-9.686
15	6.652	2.217		5.791		18.798	6.266		5.792	B.M. 38-14 HACIENDA BLVD. BETWEEN WALNUT CR. & U.P.R.R.
		27.584					37.270			

F.B. 2704 P.G. 206

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 SUNNY HAZE Inst. No. 50010
Notes by J. A. MOODY Time 2:10 to 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-14 To B.M 38-13
Date 6-8-56
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
	6562		201		#11	3311		208		B.M 38-14
	6361		201			3103		206		HACIENDA BL. & WALNUT CR
	6160		402			2897		414		SEE F.B. 1359-20 FOR DESC.
1	19083	6.361		402	89°	9311	3.104		414	+6.361
										-3.104
										+3.257
										T.B.M.
										HACIENDA BL. & U.P.R.R., N.E.
										COR., L.& N. IN W. WINGWALL
	5036		182			5647		195		
	4854		181			5452		192		⊼ G.E. DREIER
	4673		363			5260		387		
2	14563	4.854		.765		16359	5.453		.801	
	6163		194			4973		194		
	5969		193			4779		191		
	5776		387			4588		385		
3	17908	5.969		1152		14340	4.780		1186	
	6546		193			5068		196		
	6353		194			4872		193		
	6159		387			4679		389		
4	19058	6.353		1539		14619	4.873		1575	
		17.176					15.106			

F.B. 2404 P.G. 207

76P526 S & E #379 1-54

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Chief of Party: B. E. DREIER Weather: SUNNY HAZE Inst. No. 50010
Notes by: J. A. MOODY Time: 2:10 to 3:00 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 030102
From: BM 38-14 To: BM 38-13
Date: 6-8-56
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
	5929	17176	198	1539		4401	15106	191	1575	
	5731		198			4210		189		
	5533		396			4021		380		
5	17193	5731		1935		12632	4211		1955	
	6250		197			4102		192		+34.586
	6053		200			3910		189		-28.157
	5853		397			3721		381		+6.429
6	18156	6052		2332		11733	3911		2336	+3.257
										+9.686
	5742		115			5048		119		
	5627		116			4929		120		
	5511		231			4809		239		
7	16880	5627		2563		14786	4929		2575	
		34586					28157			BM 38-13 HACIENDA BL. & GALE AVE SEE F.B. 1359-19 FOR DESC.
										SUMMATION OF RUN BM 38-14 TO BM 38-13 DIFF IN ELEVATION +9.686

F.B. 1359 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 SUNNY HAZE Inst. No. 50010
Notes by J. A. MOODY Time 3:00 to 3:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-13 To BM 38-14
Date 6-8-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5148		119		H11	5845		117		B.M. 38-13
	5029		119			5728		116		HACIENDA BLVD. & GALE AVE
	4910		238			5612		233		SEE F.B. 1359-19 FOR DESC.
1	15087	5029		238	89°	17185	5728		233	
	4111		194			6251		196		↑ G.E. DREIER
	3917		194			6055		195		
	3723		388			5860		391		
2	11751	3917		626		18166	6055		624	
	4479		189			5997		190		
	4280		198			5807		190		
	4082		387			5617		380		
3	12841	4280		1013		17421	5807		1004	
	4985		194			6467		197		
	4791		193			6270		197		
	4598		387			6073		394		
4	14374	4791		1400		18810	6270		1398	
	4951		194			6140		194		
	4757		192			5946		193		
	4565		386			5753		387		
5	14273	4758		1786		17839	5946		1785	
		22775					29806			

F.B. 2444 P.G. 209

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIFF Weather SUNNY HAZE Inst. No. 50010
Notes by J. A. MOODY Time 3:00 to 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 38-13 To B.M 38-14
Date 6-8-56
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
	5588	22.775	187	1.786		4995	29.806	187	1785	
	5401		186			4808		185		-34.614
	5215		373			4623		372		+28.176
6	16.204	5.401		2.159		14.426	4808		2.157	-6.4389
		28.176					34.614			-3.255
										9.693
										T.B.M. HACIENDA BL. & U.P.R.R., N.E. COR. L. & N. IN W. WINGWALL
										+3.114
										-6.369
										-3.255
	3321		208			6571		203		B.M. 38-14
	3113		206			6368		200		HACIENDA BLVD. & WALNUT CR.
	2907		414			6168		403		SEE F.B. 1359-20 FOR DESC.
7	9341	3.114		2.573		19107	6.369		2.560	
		31.290					40.[illegible]3			
										SUMMATION OF RUN B.M. 38-13 TO B.M. 38-14
										DIFF IN ELEV. -9.6934

F.B. 2404 P.G. 210

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 10:15 TO 11:15 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-12 To B.M. 38-11
Date 6-7-56
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
	5.659		160		#11	3.722		154		B.M. 38-12
	5.499		161			3.568		157		HACIENDA BLVD. & PALM AVE.
	5.338		321			3.411		311		SEE F.B. 1359-18 FOR DESC.
1	16.496	5.499		.321	72°	10.701	3.567		.311	
	6.497		190			2.565		183		
	6.307		188			2.382		184		↑ J. MOODY
	6.119		378			2.198		367		
2	18.923	6.308		.699		7.145	2.382		.678	
	5.762		096			3.887		092		
	5.666		095			3.795		091		
	5.571		191			3.704		183		
3	16.999	5.666		.890		11.386	3.795		.861	
	7.419		188			3.496		190		
	7.231		188			3.306		188		
	7.043		376			3.118		378		
4	21.693	7.231		1.266		9.920	3.307		1.239	
	7.057		190			2.759		184		
	6.867		188			2.575		184		
	6.679		378			2.391		368		
5	20.603	6.868		1.644		7.725	2.575		1.607	
		31.572					15.626			

F.B. 2404 P.G. 24

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 10:15 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-12 To B.M. 38-11
Date 6-7-56
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
	6.923	31.572	180	1.644		2.985	15.626	190	1.607	
	6.743		181			2.795		186		
	6.562		361			2.609		376		
6	20.228	6.743		2.005		8.389	2.796		1.983	
	7.549		181			2.795		194		
	7.368		183			2.601		190		
	7.185		364			2.411		384		
7	22.102	7.367		2.369		7.807	2.602		2.367	
	7.589		187			2.582		190		
	7.402		184			2.392		186		
	7.218		371			2.206		376		
8	22.209	7.403		2.740		7.180	2.393		2.743	
X	7.662		184			2.908		187		
	7.478		185			2.721		183		
	7.293		369			2.538		370		
9	22.433	7.478		3.109		8.167	2.722		3.113	
	7.634		187			2.813		185		
	7.447		185			2.628		186		
	7.262		372			2.442		371		
10	22.343	7.448		3.481		7.883	2.628		3.484	
		68.011						28.767		

F.B. 2404 P.G. 212

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 10:15 TO 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-12 To B.M. 38-11
Date 6-7-56
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
	7.859	68011	181	3.481		2.792	28.767	184	3.484	
	7.678		181			2.608		183		
	7.497		362			2.425		367		
11	23.034	7.678		3.843		7.825	2.608		3.851	
	7.988		191			3.022		187		
	7.797		189			2.835		187		
	7.608		380			2.648		374		
12	23.393	7.798		4.223		8.505	2.835		4.225	
	6.542		125			4.062		125		
	6.417		125			3.937		126		B.M. 38-11
	6.292		250			3.811		251		HACIENDA BLVD. & PUENTE RD.
13	19.251	6.417		4.473		11.810	3.937		4.476	SEE F.B. 1359-17 FOR DESC.
									4.473	
									8.949	
									=0.58m	.013
										SUMMATION OF RUN
										B.M. 38-12 TO B.M. 38-11
										TOTAL BACKSIGHTS 89904
										TOTAL FORESIGHTS 38.147
										DIFF IN ELEVATION 51.757
		89.904					38.147			

F.B. 2449 P.G. 213

76P526 S & E #379 1-54

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Chief of Party [redacted] 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. [illegible] P.G. 2[illegible]

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:50 TO 2:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-11 To B.M. 38-12
Date 6-7-56
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
	4.267		125		#12	6.753		126		B.M. 38-11
	4.142		124			6.627		125		HACIENDA BLVD. & PUENTE RD.
	4.018		249			6.502		251		SEE F.B. 1359-17 FOR DESC.
1	12.427	4.142		.249	80°	19.882	6.627		251	
	2.902		188			7.865		193		
	2.714		185			7.672		190		J. MOODY
	2.529		373			7.482		383		
2	8.145	2.715		.622		23.019	7.673		.634	
	2.697		185			7.763		181		
	2.512		184			7.582		179		
	2.328		369			7.403		360		
3	7.537	2.512		.991		22.748	7.583		.994	
	2.849		186			7.668		189		
	2.663		184			7.479		187		
	2.479		370			7.292		376		
4	7.991	2.664		1.361		22.439	7.480		1.370	
	2.852		184			7.608		187		
	2.668		183			7.421		188		
	2.485		367			7.233		375		
5	8.005	2.668		1.728		22.262	7.421		1.745	
		14.701					36.784			

F.B. 2424 P.G. 265

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 57010
Notes by G.E.DREIER Time 1:50 TO 2:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.m 38-11 To B.m. 3812
Date 6-7-56
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
	2.677	14.701	189	1.728		7.678	36.784	185	1.745	
	2.488		188			7.493		185		
	2.300		377			7.308		370		
6	7.465	2.488		2.105		22.479	7.493		2.115	
	2.814		186			7.586		188		
	2.628		184			7.398		187		
	2.444		370			7.211		375		
7	7.886	2.629		2.475		22.195	7.398		2.490	
	3.039		188			6.978		183		
	2.851		189			6.795		183		
	2.662		377			6.612		366		
8	8.552	2.851		2.852		20.385	6.795		2.856	
	2.731		188			7.027		188		
	2.543		185			6.839		186		
	2.358		373			6.653		374		
9	7.632	2.544		3.225		20.519	6.840		3.230	
	3.303		193			7.222		193		
	3.110		192			7.029		190		
	2.918		385			6.839		383		
10	9.331	3.110		3.610		21.090	7.030		3.613	
		28.323					72.340			

F.B. 2464 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 SUN-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 1:50 TO 2:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-11 To B.M. 38-12
Date 6-7-56
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
	3.861	28.323	094	3.619		5.734	72.340	095	3.613	
	3.767		092			5.639		093		
	3.675		186			5.546		188		
11	11.303	3.768		3.796		16.919	5.640		3.801	
	2.822		183			6.751		187		
	2.639		182			6.564		189		
	2.457		365			6.375		376		
12	7.918	2.639		4.161		19.690	6.563		4.177	
	3.808		163			5.731		158		
	3.645		162			5.573		154		B.M. 38-12
	3.483		325			5.419		312		HACIENDA BLVD. & PALM AVE
13	10.936	3.645		4.486		16.723	5.574		4.489	SEE F.B. 1359-18 FOR DESC.
									4.486	
									8.975	SUMMATION OF RUN
										B.M. 38-11 TO B.M. 38-12
										TOTAL BACKSIGHTS +38.375
										TOTAL FORESIGHTS -90.117
										DIFF IN ELEVATION -51.742
		38.375					90.117			

F.B. 2404 P.G. 217

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 ..... 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. 2422 P.G. 218

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-11 To B.M. 38-12
Date 6-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.094		127		#11	6.577		125		B.M. 38-11
	3.967		124			6.452		125		HACIENDA BLVD. & PUENTE RD.
	3.843		251			6.327		250		SEE F.B. 1359-17 FOR DESC.
1	11.904	3.968		.251	75°	19.356	6.452		.250	
	3.050		188			8.019		191		
	2.862		184			7.828		191		⊼ J. MOODY
	2.678		372			7.637		382		
2	8.590	2.863		.623		23.484	7.828		.632	
	2.957		186			8.027		180		
	2.771		183			7.847		180		
	2.588		369			7.667		360		
3	8.316	2.772		.992		23.541	7.847		.992	
	2.958		185			7.782		187		
	2.773		181			7.595		187		
	2.592		366			7.408		374		
4	8.323	2.774		1.358		22.785	7.595		1.366	
	2.972		185			7.732		187		
	2.787		184			7.545		184		
	2.603		369			7.361		371		
5	8.362	2.787		1.727		22.638	7.546		1.737	
		15.164					37.268			

F.B. 2104 P.G. 219

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 HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 T 01025 Rod No 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-11 To B.M. 38-12
Date 6-11-56
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
	2.759	15.164	188	1.727		7.765	37.268	186	1.737	
	2.571		188			7.579		184		
	2.383		376			7.395		370		
6	7.713	2.571		2.103		22.739	7.580		2.107	
	2.878		186			7.657		189		
	2.692		184			7.468		187		
	2.508		370			7.281		376		
7	8.078	2.693		2.473		22.406	7.469		2.483	
	3.019		187			6.967		185		
	2.832		187			6.782		183		
	2.645		374			6.599		368		
8	8.496	2.832		2.847		20.348	6.783		2.851	
	2.711		188			7.011		188		
	2.523		185			6.823		186		
	2.338		373			6.637		374		
9	7.572	2.524		3.220		20.471	6.824		3.225	
	3.403		191			7.333		191		
	3.212		190			7.142		191		
	3.022		381			6.951		382		
10	9.637	3.212		3.601		21.426	7.142		3.607	
		28.996					73.066			

F.B. 2404 P.G. 220

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-11 To B.M. 38-12
Date 6-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3,629	28.996	096	3.601		5.503	73.066	096	3.607	
	3.533		094			5.407		096		
	3.439		190			5311		192		
11	10,601	3,534		3,791		16,221	5,407		3,799	
	1.943		184			5.873		190		
	1,759		182			5,683		186		
	1,577		366			5.497		376		
12	5.279	1,760		4.157		17.053	5.684		4.175	
	3.072		154			5.024		173		
	2.918		155			4.851		172		B.M. 38-12
	2.763		309			4679		345		HACIENDA BLVD. & PALM AVE.
13	8.753	2.918		4.466		14.554	4.851		4.520	SEE F.B. 1359-
										SUMMATION OF RUN
										B.M. 38-11 TO B.M. 38-12
										TOTAL BACKSIGHTS +37.208
										TOTAL FORESIGHTS -89.008
										DIFF IN ELEVATION -51.800
		37.208					89.008			

F.B. 2221 P.G. 22

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO Rod No. 11812

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-12 To B.M. 38-11
Date 6-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.032		173		#11	3.079		155		B.M. 38-12
	4.859		171			2.924		153		HACIENDA BLVD. & PALM AVE
	4.688		344			2.771		308		SEE F.B. 1359-18 FOR DESC.
1	14.579	4.860		.344	80°	8.774	2.925		.308	
	5.951		192			2.019		185		
	5.759		188			1.834		182		↑ J. MOODY
	5.571		380			1.652		367		
2	17.281	5.760		.724		5.505	1.835		.675	
	5.528		097			3.652		094		
	5.431		098			3.558		094		
	5.333		195			3.464		188		
3	16.292	5.431		.919		10.674	3.558		.863	
	7.171		183			3.263		204		
	6.988		179			3.059		201		
	6.809		362			2.858		405		
4	20.968	6.989		1.281		9.180	3.060		1.268	
	6.905		187			2.602		186		
	6.718		187			2.416		187		
	6.531		374			2.229		373		
5	20.154	6.718		1.655		7.247	2.416		1.641	
		29.758					13.794			

F.B. 2404 P.G. 222

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 HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-12 To B.M. 38-11
Date 6-11-56
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
	6.769	29.758	184	1.655		2.823	13.794	188	1.641	
	6.585		184			2.635		187		
	6.401		368			2.448		375		
6	19.755	6.585		2.023		7.906	2.635		2.016	
	7.392		190			2.618		187		
	7.202		189			2.431		183		
	7.013		379			2.248		370		
7	21.607	7.202		2.402		7.297	2.432		2.386	
	7.367		188			2.359		188		
	7.179		186			2.171		189		
	6.993		374			1.982		377		
8	21.539	7.180		2.776		6.512	2.171		2.763	
	7.335		192			2.569		186		
	7.143		188			2.383		184		
	6.955		380			2.199		370		
9	21.433	7.144		3.156		7.151	2.384		3.133	
	7.491		192			2.664		185		
	7.299		188			2.479		182		
	7.111		380			2.297		367		
10	21.901	7.300		3.536		7.440	2.480		3.500	
	65.169					25.896				

F.B. 2454 P.G. 223

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.30102
From B.M. 38-12 To B.M. 38-11
Date 6-11-56
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
	7.603	6.169	181	3.536		2.537	2.896	186	3.500	
	7.422		180			2.351		186		
	7.242		361			2.165		372		
11	22.267	7.422		3.897		7.053	2.351		3.872	
	7.784		193			2.817		188		
	7.591		192			2.629		186		
	7.399		385			2.443		374		
12	22.774	7.591		4.282		7.889	2.630		4.246	
	6.352		119			3.883		135		
	6.233		117			3.748		136		B.M. 38-11
	6.116		236			3.612		271		HACIENDA BLVD. & PUENTE AVE.
13	18.701	6.234		4.518		11.243	3.748		4.517	SEE F.B. 1959-17 FOR DESC.
										SUMMATION OF RUN
										B.M. 38-12 TO B.M. 38-11
										TOTAL BACKSIGHTS +86.416
										TOTAL FORESIGHTS -34.625
										DIFF. IN ELEVATION +51.791
		86.416					34.625			

F.B. 2464 P.G. 224

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY, HAZE Inst. No. 50010
Notes by J. A. MOODY Time 1:15 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-11 To B.M. 38-12
Date 6-11-56
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
	3951		126		#11	6429		126		BM 38-11
	3825		127			6303		126		HACIENDA BLVD. & PUENTE AVE
	3698		253			6177		252		SEE F.B. 1359-17 FOR DESC.
1	11474	3.825		.253	90°	18.909	6.303		252	
	2828		188			7791		188		
	2640		188			7603		188		* G.E. DREIER
	2452		376			7415		376		
2	7920	2.640		.629		22809	7.603		.628	
	2622		185			7683		180		
	2437		186			7503		181		
	2251		371			7322		361		
3	7310	2.437		.1000		22508	7.503		.989	
	2758		185			7581		188		
	2573		184			7393		188		
	2389		369			7205		376		
4	7720	2.573		.1369		22179	7.393		.1365	
	2667		185			7428		190		
	2482		182			7238		190		
	2300		367			7048		380		
5	7449	2.483		.1736		21714	7.238		.1745	
		13.958					36.040			

F.B. 2404 P.G. 225

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY HAZE Inst. No 50010
Notes by J. A. MOODY Time 1:15 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 38-11 To BM 38-12
Date 6-11-56
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
	2545	13.958	192	1736		7543	36.040	185	1745	
	2353		191			7358		186		
	2162		383			7172		371		
6	7.060	2.353		2119		22073	7.358		2116	
	2662		183			7433		188		
	2479		187			7245		189		
	2292		370			7056		377		
7	7.433	2.478		2489		21734	7.245		2493	
	3076		188			7020		185		
	2888		188			6835		183		
	2700		376			6652		368		
8	8.664	2.888		2865		20507	6.836		2861	
	2793		188			7087		190		
	2605		184			6897		188		
	2421		372			6709		378		
9	7.819	2.606		3237		20693	6.898		3239	
	3440		191			7362		191		
	3249		192			7171		189		
	3057		383			6982		380		
10	9.746	3.249		3620		21515	7.172		3619	
		27.532					71.549			

F.B. 2014 P.G. 226

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY, HAZE Inst. No. 50010
Notes by J. A. MOODY Time 1:15 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-11 To BM 38-12
Date 6-11-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3705	27.532	093	3620		5582	71.549	100	3619	
	3612		092			5482		099		
	3520		1851			5383		199		
11	10.837	3.612		3.805		16447	5.482		3.818	
	1981		183			5912		190		
	1798		181			5722		190		
	1617		364			5532		380		
12	5.396	1.799		4.169		17.166	5.722		4.198	
	3760		173			5667		154		
	3587		174			5513		153		
	3413		347			5360		307		
13	10.760	3.587		4.516		16540	5.513	0	4.585	
										BM 38-12 HACIENDA BLVD & PALM AVE. SEE F.B. 1359-18 FOR DESC.
										SUMMATION OF RUN BM 38-11 to BM 38-12
										TOTAL BACKSIGHTS +36.530
										" FORE. " -88.266
		36.530					88.266			DIFF IN ELEV. -51.736

F.B. 2121 P.G. 227

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 Inst. No.
Notes by Time Rod No.

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

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

F.B. 2464 P.G. 228

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY + HAZE Inst. No. 50010
Notes by J. A. MOODY Time 2:15 to 3:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-12 To BM 38-11
Date 6-11-56
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
	5943		151		#11	4033		172		BM 38-12
	5792		150			3861		169		HACIENDA BLVD. & PALM AVE
	5642		301 ✓			3692		341 ✓		SEE C.B. 1359-18 for DESC.
1	17377 ✓	5792 ✓		301 ✓	94°	11586 ✓	3.862 ✓		341 ✓	
	6040		188			2112		183		
	5852		189			1929		182		⊼ G.E. DREIER
	5663		377 ✓			1747		365 ✓		
2	17555 ✓	5852 ✓		.678 ✓		5788	1.929 ✓		.706 ✓	
	5622		096			3748		095		
	5526		096			3653		094		
	5430		192 ✓			3559		189 ✓		
3	16578 ✓	5.526 ✓		.870 ✓		10.960	3.653 ✓		.895 ✓	
	7361		191			3444		193		
	7170		190			3251		192		
	6980		381 ✓			3059		385 ✓		
4	21511 ✓	7.170 ✓		1.251 ✓		9.754	3.251 ✓		1280 ✓	
	7030		187			2737		189		
	6843		185			2548		188		
	6658		372 ✓			2360		377 ✓		
5	20531 ✓	6.844 ✓		1.623 ✓		7645	2.548 ✓		1657 ✓	
		31.184 ✓					15.243 ✓			
		32								

F.B. 2404 P.G. 229

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 SUNNY HAZE Inst. No. 50010
Notes by J. A. MOODY Time 2:15 to 3:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-12 To BM 38-11
Date 6-11-56
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
	6743	31.184	184	1623		2801	15.243	187	1657	
	6559		186			2614		186		
	6373		370			2428		373		
6	19675	6.558		1993		7.843	2.614		2030	
	7639		189			2864		185		
	7450		188			2679		184		
	7262		377			2495		369		
7	22351	7.450		2370		8.038	2.679		2399	
	7537		186			2535		188		
	7351		184			2347		190		
	7167		370			2157		378		
8	22055	7.352		2740		7.039	2.346		2777	
	7482		187			2719		181		
	7295		188			2538		184		
	7107		375			2354		365		
9	21884	7.295		3115		7.611	2.537		3142	
	7732		192			2904		181		
	7540		192			2723		177		
	7348		384			2546		358		
10	22620	7.540		3499		8.173	2.724		3560	
		67.379					28.143			

F.B. 2404 P.G. 220

76P526 S & E #379 1-54

PLEASE RETURN TO
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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 SUNNY HAZE Inst. No 50010
Notes by J. A. MOODY Time 2:15 to 3:05 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 38-12 To BM 38-11
Date 6-11-56
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
	7762	67.379	180	3499		2695	28.143	184	3500	
	7582		179			2511		185		
	7403		359			2326		369		
11	22747	7.582		3858		7532	2.511		3869	
	7996		194			3033		186		
	7802		191			2847		188		
	7611		385			2659		374		
12	23409	7.803		4243		8539	2.846		4243	
	6397		126			3914		126		
	6271		128			3788		127		
	6143		254			3661		253		
13	18811	6.270		4497		11363	3.788		4496	
										BM 38-11
										HACIENDA, BLVD, & PUENTE RD.
										SEE F.B. 1359-17
										SUMMATION of RUN
										BM 38-12 to BM 38-11
										TOTAL BACKSIGHTS +89.034
										" FORE " -37.288
		89.034					37.288			DIFF IN ELEV. +51.746

F.B. 2404 P.G. 231

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

Name L. A. CO. PRECISE LEVELING
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. 2464 P.G. 232

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 SUNNY HAZE Inst. No. 50010
Notes by J. A. Moody Time 11:20 to 11:55 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 38-11 To B.M. 38-10
Date 6-7-56
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
	8460		177			3025		194		BM 38-11
	8283		176			2831		195		HACIENDA BL. & PUENTE RD.
	8107		353			2636		389		SEE F.B. 1359-17 FOR DESC.
1	24850	8.283		.353		8.492	2.831		.389	
	7695		194			4019		183		↑ G. E. DREIER
	7501		191			3836		182		
	7310		385			3654		365		
2	22506	7.502		.738		11.509	3.836		.754	
	8233		182			2852		184		
	8051		184			2668		181		
	7869		366			2487		365		
3	24151	8.050		1.104		8.007	2.669		1.119	
	8401		183			2028		186		
	8218		181			1842		183		
	8037		364			1659		369		
4	24656	8.219		1.468		5.529	1.843		1.488	
	8293		184			2571		188		
	8109		186			2383		187		
	7923		370			2196		375		
5	24325	8.108		1.838		7.150	2.383		1.863	
		40.162					13.562			

F.B. 241 P.G. 233

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 [redacted] E. DREIER Weather SUNNY, HAZE Inst. No. 50010
Notes by J. A. MOODY Time 11:20 to 11:55 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-11 To BM 38-10
Date 6-7-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7505	40.162	185	1838		2440	13.562	187	1863	
	7320		187			2253		185		
	7133		372			2068		372		
6	21958	7319		2210		6761	2254		2235	
	7225		098			6482		087		
	7127		097			6395		085		
	7030		195			6310		172		
7	21382	7127		2405		19187	6396		2407	
		54.608					22.212		2405 4812	BM 38-10 HACIENDA BLVD. & TETLEY ST. SEE F.B. 1359-16 for DESC.
										SUMMATION of RUN BM 38-11 to BM 38-10
										TOTAL BACKSIGHTS + 54.608 TOTAL FORESIGHTS - 22.212 DIFF IN ELEVATION + 32.396

F.B. 2424 P.G. 224

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 SUNNY / HAZE Inst. No 50010
Notes by J. A. MOODY Time 1:10 to 1:50 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM 38-10 To BM 38-11
Date 6-7-56
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
	6636		093		#11	7364		093		BM 38-10
	6543		091			7271		091		HACIENDA BLVD & TETLEY ST
	6452		184			7180		184		SEE F.B. 1359-13 FOR DESC.
1	19.63	6.544		.184	80°	21815	7.272		.184	
	2620		188			7692		185		
	2432		185			7507		187		↑ G. E. DREIER
	2247		373			7320		372		
2	7299	2.433		.557		22519	7.506		.556	
	2465		187			8183		185		
	2278		188			7998		186		
	2090		375			7812		371		
3	6833	2.278		.932		23993	7.998		.927	
	1899		185			8275		183		
	1714		183			8092		180		
	1531		368			7912		363		
4	5144	1.715		.1300		24279	8.093		.1290	
	3049		184			8427		183		
	2865		184			8244		182		
	2681		368			8062		365		
5	8595	2.865		.1668		24733	8.244		.1655	
		15.835					39.113			

F.B. 2144 P.G. 235

76P526 S & E #379 1-54

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. DREIER Weather: SUNNY HAZE Inst. No. 50010
Notes by: J. A. MOORY Time: 1110 to 1150 Rod No. 11812

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: BM 38-10 To: BM 38-11
Date: 6-7-56
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
	3948	15.835	186	1668		7612	39.113	186	1655	
	3762		185			7426		188		
	3577		371			7238		374		
6	11287	3.762		2039		22276	7.425		2029	
	2908		188			8358		182		
	2720		188			8176		181		
	2532		376			7995		363		
7	8160	2.720		2415		24529	8.176		2392	
										BM 38-11
										HACIENDA BLVD. & PUENTE RD.
										SEE F.B. 1359-17 for DESC.
										SUMMATION of RUN
										BM 38-10 to BM 38-11
										TOTAL BACKSIGHTS + 22.317
										" FORE " - 54.714
										DIFF IN ELEV. - 32.397
		22.317					54.714			

F.B. 2409 PG 236

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 SUNNY HAZE Inst. No. 50010
Notes by J. MOODY Time 10:05 TO 10:50 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-10 To B.M. 38-9
Date 7-12-56
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
	9295		132		#11	2934		135		B.M. 38-10
	9163		131			2799		134		HACIENDA BLVD. & TETLEY ST.
	9032		263			2665		269		SEE F.B. 1359-16 FOR DESC.
1	27490	9163		263	90°	8398	2.799		269	
	8697		150			2686		154		
	8547		151			2532		152		
	8396		301			2380		306		↑ G.E. DREIER
2	25640	8.547		.564		7.598	2.533		.575	
	8951		188			2113		185		
	8763		185			1928		185		
	8578		373			1743		370		
3	26292	8.764		.937		5784	1.928		.945	
	7351		202			3464		212		
	7149		200			3252		212		
	6949		402			3040		424		
4	21449	7.150		1.339		9756	3.252		1.369	
	7602		215			4099		217		
	7387		216			3882		217		
	7171		431			3665		434		
5	22160	7.387		1.770		11646	3.882		1.803	
		41.011					14.394			
							322			

F.B. 7641 P.G. 237

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: E. E. DREIER — Weather: Sunny 1920 — Inst. No. 50010
Notes by: J. A. Moody — Time: 10:05 to 10:56 — Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NF
Job No. 030102
From: BM 38-10 To: BM 38-9
Date: 6-12-56
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
	7237	4.101	193	1.770		2471	14.394	210	1.803	
	7044		191			2261		209		
	6853		384			2052		419		
6	21.134	7.045		2.154		6.784	2.261		2.222	
	8208		212			1862		198		
	7996		208			1664		196		
	7788		420			1468		394		
7	23.992	7.997		2.574		4.994	1.665		2.616	
	8372		211			1522		211		
	8161		209			1311		210		
	7952		420			1101		421		
8	24.485	8.162		2.994		3.934	1.311		3.037	
	8639		207			1640		216		
	8432		207			1424		216		
	8225		414			1208		432		
9	25.296	8.432		3.408		4.272	1.424		3.469	
	9688		227			2377		209		
	9461		226			2168		208		
	9235		453			1960		417		
10	28.384	9.461		3.861		6.505	2.168		3.886	
		82.108					23.223			

F.B. 2402 P.G. 238

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by J. MOODY Time 10:05 TO 10:50 Rod No. 11 & 12

Name A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-10 To B.M. 38-9
Date 6-12-56
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
	7134	82.108	125	3861		4748	23.223	127	3886	
	7009		126			4621		124		B.M. 38-9
	6883		251			4497		251		HACIENDA BLVD & LOS ALTOS DR
	21.026	7.009		4.112		13.866	4.622		4.137	SEE F.B. 1359-15 FOR DESC.
									4.112	
									8.249	
									=0.53 m	
										SUMMATION OF RUN
										B.M. 38-10 TO B.M. 38-9
										TOTAL BACKSIGHTS +89.117
										TOTAL FORESIGHTS -27.845
										DIFF IN ELEVATION +61.272
		89.117					27.845			

F.B. 2401 P.G. 239

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 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. 2422 P.G. 212

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 8:40 TO 10:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-9 To B.M. 38-10
Date 7-12-56
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
	4.564		127		#11	6.942		120		B.M. 38-9
	4.437		126			6.822		120		HACIENDA BLVD. & LOS ALTOS DR.
	4.311		253			6.702		240		SEE F.B. 1359-15 FOR DESC.
1	3.312	4.437		.253	84°	20.466	6.822		.240	
	2.049		220			9.349		217		
	1.829		216			9.132		217		T. J. MOODY
	1.613		436			8.915		434		
2	5.491	1.830		.689		27.396	9.132		.674	
	1.582		218			8.578		207		
	1.364		216			8.371		206		
	1.148		434			8.165		413		
3	4.094	1.365		1.123		25.114	8.371		1.087	
	1.011		214			7.863		211		
	0.797		212			7.652		210		
	0.585		426			7.442		421		
4	2.393	0.798		1.549		22.957	7.652		1.508	
	1.712		200			8.051		209		
	1.512		201			7.842		207		
	1.311		401			7.635		416		
5	4.535	1.512		1.950		23.528	7.843		1.924	
		9.942					39.820			

F.B. 2704 P.G. 211

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 HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 8:40 TO 10:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-9 To B.M. 38-10
Date 6-12-56
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
	2.378	9.942	214	1.950		7.148	39.820	193	1.924	
	2.164		211			6.955		190		
	1.953		425			6.765		383		
6	6.495	2.165		2.375		20.868	6.956		2.307	
	3.912		229			7.392		204		
	3.683		225			7.188		207		
	3.458		454			6.981		411		
7	11.053	3.684		2.829		21.561	7.187		2.718	
	2.628		199			6.543		215		
	2.429		196			6.328		217		
	2.233		395			6.111		432		
8	7.290	2.430		3.224		18.982	6.327		3.150	
	1.879		171			8.743		200		
	1.708		169			8.543		200		
	1.539		340			8.343		400		
9	5.126	1.709		3.564		25.629	8.543		3.550	
	2.387		154			8.399		151		
	2.233		151			8.248		150		
	2.082		305			8.098		301		
10	6.702	2.234		3.869		24.745	8.248		3.851	
		22.164					77.081			

F.B. 2404 P.G. 2210

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 8:40 TO 10:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-9 To B.M. 38-10
Date 6-12-56
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
	3.019	22.164	130	3.869		9.384	77.081	136	3.851	
	2.889		130			9.248		134		B.M. 38-10
	2.759		260			9.114		270		HACIENDA BLVD. & TETLEY ST
11	8.667	2.889		4.129		27.746	9.249		4.121	SEE F.B. 1359-16 FOR DESC.
										SUMMATION OF RUN B.M. 38-9 TO B.M. 38-10
										TOTAL BACKSIGHTS +25.053
										TOTAL FORESIGHTS -86.330
										DIFF IN ELEVATION -61.277
		25.053					86.330			

F.B. 2404 P.G. 243

76P526 S & E #379 1-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

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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 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. 2224 PG. 244

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 HAZE SUN Inst. No. 50010
Notes by J. A. Moody Time 9:55 TO 10:30 Rod No. 11812

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-9 To B.M. 38-8
Date 6-13-56
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
	7230		147		#11	2158		152		B.M 38-9
	7083		145			2006		151		HACIENDA BLVD. & LOS ALTOS DR.
	6938		292			1855		303		SEE F.B. 1359-15 FOR DESC
1	21251	7.084		.292	88°	6019	2.006		.303	
	10126		203			0968		206		
	9923		201			0762		206		↑ G.E. DREIER
	9722		404			0556		412		
2	29771	9.924		.696		2.286	0.762		.715	
	7863		197			1509		197		
	7666		197			1312		195		
	7469		394			1117		392		
3	22998	7.666		1.090		3938	1.313		1.107	
	8343		201			1860		198		
	8142		200			1662		195		
	7942		401			1467		393		
4	24427	8.142		1.491		4.989	1.663		1.500	
	9320		201			1768		203		
	9119		199			1565		203		
	8920		400			1362		406		
5	27359	9.120		1.891		4695	1.565		1.906	
		41.936					13.09			

F.B. 2704 P.G. 25

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: E. DREIER Weather: HAZE SUN Inst. No. 50010
Notes by: J. A. MOODY Time: 9:55 to 10:50 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: BM 38-9 To: BM 38-8
Date: 6-13-56
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
	10100	41.936	206	1891		1767	7.309	200	1906	
	9894		202			1567		200		
	9692		408			1367		400		
6	29686	9.895		2299		4701	1.567		2306	
	9070		190			1072		190		
	8880		189			0882		192		
	8691		379			0690		382		
7	26641	8.880		2678		2644	0.881		2.688	
	9174		182			1280		183		
	8992		181			1097		180		
	8811		363			0917		363		
8	26977	8.992		3041		3.294	1.098		3051	
	7844		151			1.400		147		BM. 38-8
	7693		152			1.253		146		HACIENDA BLVD. & P.J. 0.13 MI.
	7541		303			1.107		293		So. LOS ALTOS OR.
9	23078	7.693		3344		3.760	1.253		3344	SEE L.B. 1359-14 FOR DESC.
									3.344	SUMMATION OF RUN
									6.688	B.M. 38-9 TO B.M. 38-8
									= 0.4301	TOTAL BACKSIGHTS + 77.396
										TOTAL FORESIGHTS - 12.108
		77.396					12.108			DIFF IN ELEVATION + 65.288

F.B. 2404 PG. 26

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 HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:10 TO 9:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-8 To B.M. 38-9
Date 6-13-56
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
	1.521		148		#11	7.963		151		B.M. 38-8
	1.373		146			7.812		150		HACIENDA BLVD, AT P.I. 0.43 MI.
	1.227		294			7.662		301		S. OF LOS ALTOS DR.
1.	4.121	1.374		.294	84°	23.437	7.812		.301	SEE F.B. 1359-13 FOR DESC.
	1.288		185			9.182		183		
	1.103		182			8.999		180		
	0.921		367			8.819		363		T J. Moody
2	3.312	1.104		.663		27.000	9.000		.664	
	1.019		191			9.019		190		
	0.828		189			8.829		190		
	0.639		380			8.639		380		
3	2.486	0.829		1.043		26.487	8.829		1.044	
	1.739		200			10.074		203		
	1.539		200			9.871		203		
	1.339		400			9.668		406		
4	4.617	1.539		.443		29.613	9.871		1.450	
	1.691		206			9.242		203		
	1.485		206			9.039		200		
	1.279		412			8.839		403		
5	4.455	1.485		1.855		27.120	9.040		1.853	
		6.331					44.552			

F.B. 1404 P.G. 247

S & E #379 1-54

LOS AN

2401

Chief of Party G. E. DREIER Weather [illegible] Instrument [illegible]

Notes by G. E. DREIER Time 9:10 To 9:50 Rod No. 11 & 12

Name [illegible]
Job No. 0301.02
From B.M. 38-8 To B.M. 38-9
Date 6-13-56
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
	1.731	6.331	198	1.855		8.213	44.552	200	1.853	
	1.533		199			8.013		200		
	1.334		397			7.813		400		
6	4.598	1.533		2.252		24.039	8.013		2.253	
	1.474		195			7.834		198		
	1.279		196			7.636		198		
	1.083		391			7.438		396		
7	3.836	1.279		2.643		22.908	7.636		2.649	
	0.586		210			9.739		201		
	0.376		208			9.538		201		
	0.168		418			9.337		402		
8	1.130	0.377		3.061		28.614	9.538		3.051	
	2.032		151			7.105		148		
	1.881		150			6.957		149		BM. 38-9
	1.731		301			6.808		297		HACIENDA BLVD. & LOS ALTOS DR.
9	5.644	1.881		3.362		20.870	6.957		3.348	SEE F.B. 1359-15 FOR DESC
										SUMMATION OF RUN
										B.M. 38-8 TO B.M. 38-9
										TOTAL BACKSIGHTS + 11.401
										TOTAL FORESIGHTS - 76.696
		11.401					76.696			DIFF IN ELEVATION - 65.295

F.B. 2404 P.G. 248