F.B. 2406 P.G. 5

Name L.A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed C. Johnson 4-2-57

DESCRIPTION AND REMARKS

JOB No. 0301.02

L.A. Co. PRECISE LEVEL NET

RERUN OF PORTIONS OF LINES NO. 8 AND 5
CONTINUED FROM F.B. 2405

DREIER
MOODY
OHASNY
DOVER
MELENDEZ

Notes by Time 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

2406

Microfilmed Feb '86

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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

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

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

F.B. 2406 P.G. 6

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 11:20 to 12:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-17A To B.M. 8-21
Date 7-17-56
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
	8633		162		#11	9168		184		B.M. 8-17A
	8471		163			8984		183		BLOOMFIELD AVE & CARSON ST. N.W. COR.
	8308		325			8801		367		B.SPK. IN N. END OF CULVERT
1	25412	8471		.325	82°	26953	8.984		.367	HEADWAL
	3568		186			5919		190		
	3382		185			5729		189		
	3197		371			5540		379		T G.E. DREIER
2	10147	3.382		.696		17188	5.729		.746	
	4783		195			5779		180		
	4588		195			5599		181		
	4393		390			5418		361		
3	13764	4.588		1086		16796	5.599		1107	
	4711		192			5499		182		
	4519		191			5317		184		
	4328		383			5133		366		
4	13558	4519		1469		15949	5316		1473	
	5360		182			5429		187		
	5178		185			5242		184		
	4993		367			5058		371		
5	15531	5.177		1836		15729	5.243		1844	
		26.137					30.871			

F.B. 2406 P.G. 7

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 11:20 to 12:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-17A To BM 8-21
Date 7-17-56
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
	5493	26.137	188	1836		5260	30.871	188	1844	
	5305		186			5072		185		
	5119		374			4887		373		
6	15917	5.306		2210		15219	5.073		2217	
	5708		184			5469		190		
	5524		182			5279		190		
	5342		366			5089		380		
7	16574	5.525		2576		15837	5.279		2597	SUMMATION of RUN
	5512		189			5284		184		BM 8-17A to BM 8-21
	5323		186			5100		184		TOTAL BACKSIGHTS + 53.110
	5137		375			4916		368		TOTAL FORESIGHTS - 58.713
8	15972	5.324		2951		15300	5.100		2965	DIFF IN ELEV - 5.603
	5346		189			5058		189		
	5157		187			4869		186		NOTE - BM 8-20 NOT RECOVERED.
	4970		376			4683		375		COVER NOT APPARENT, NEW PAVEMENT
9	15473	5.158		3327		14610	4.870		3340	
	5938		278			7798		279		BM 8-21 ARTESIA D-9 (U.S. 3917)
	5660		277			7519		277		NORWALK BLVD. & CARSON ST.
	5383		555			7242		556		SEE F.B. 1209-20 FOR DESC.
10	16981	5.660		3882		22559	7.520		3896	
		53.110					58.713		3882	
									7778	
									-0.50	

F.B. 2406 P.G. 8

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 1:25 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-21 To BM 8-17 A
Date 7-17-56
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
	7815		275		#11	5958		275		BM 8-21 ARTESIA D-9 (U.S.3917)
	7540		274			5683		275		NORWALK BLVD & CARSON St.
	7266		549			5408		550		SEE F.B. 1209-20 FOR DESC.
1	22621	7.540		549	76°	17049	5.683		550	
	4942		186			5228		189		
	4756		188			5039		186		* G.E. DREIER
	4568		374			4853		375		
2	14266	4.755		923		15120	5.040		925	
	5170		191			5388		185		
	4979		188			5203		183		
	4791		379			5020		368		
3	14940	4.980		1302		15611	5.204		1293	
	5387		189			5628		183		
	5198		188			5445		183		
	5010		377			5262		366		
4	15595	5.198		1679		16335	5.445		1659	
	5368		188			5600		187		
	5180		188			5413		185		
	4992		376			5228		372		
5	15540	5.180		2055		16241	5.414		2031	
		27.653					26.786			

F.B. 2406 P.G. 9

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 1:25 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 8-21 To BM 8-17A
Date 7-17-56
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
	5525	27.653	185	2055		5458	26.786	186	2031	
	5340		186			5272		183		
	5154		371			5089		369		
6	16019	5.340		2426		15819	5.273		2400	
	6029		186			5231		184		
	5843		185			5047		187		
	5658		371			4860		371		
7	17530	5.843		2797		15138	5.046		2771	SUMMATION OF RUN
	6077		186			5076		190		BM 8-21 to BM 8-17A
	5891		183			4886		189		TOTAL BACKSIGHTS + 59.044
	5708		369			4697		379		TOTAL FORESIGHTS − 53.454
8	17676	5.892		3166		14659	4.886		3150	DIFF IN ELEV + 5.590
	5822		186			3479		186		
	5636		187			3293		185		
	5449		373			3108		371		
9	16907	5.636		3539		9880	3.293		3521	
	8864		184			8333		164		BM 8-17A
	8680		183			8169		161		N.W. Cor. BLOOMFIELD BLVD & CARSON ST
	8497		367			8008		325		B.SPK. IN N. END of CULVERT
10	26041	8.680		3.906 ~~4006~~		24510	8.170		3846	HEADWALL
		59.044					53.454			

F.B. 2406 P.G. 10

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 2:50 to 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.03
From BM 8-17A To BM 8-21
Date 7-17-56
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
	8313		163		#11	8848		186		BM 8-17A
	8150		162			8662		183		BLOOMFIELD AVE & CARSON ST. N.W. COR
	7988		325			8479		369		B. SPK. IN N. END OF CULVERT
1	24451	8.150		325	74°	25989	8.663		369	HEADWALL.
	3748		185			6092		187		
	3563		185			5905		187		
	3378		370			5718		374		
2	10689	3563		695		17715	5.905		.743	
	5071		197			6062		179		
	4874		193			5883		176		
	4681		390			5707		355		
3	14626	4.875		1085		17652	5.884		1098	
	4953		185			5751		188		
	4768		186			5563		186		
	4582		371			5377	4	374		
4	14303	4.768		1456		16691	5.563		1472	
	5511		183			5580		187		
	5328		181			5393		185		
	5147		364			5208		372		
5	15986	5.329		1820		16181	5.394		1844	
		26.685					31.409			
							3 3 10			

F.B. 2406 P.G. 11

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 2:50 to 3:30 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 8-17A To BM 8-21
Date 7-17-56
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
	5658	26685	188	1820		5423	31409	186	1844	
	5470		187			5237		187		
	5283		375			5050		373		
6	16411	5470		2195		15710	5237		2217	
	5710		182			5466		188		
	5528		181			5278		187		
	5347		363			5091		375		
7	16585	5528		2558		15835	5278		2592	SUMMATION OF RUN
	5616		184			5380		180		BM 8-17A to BM 8-21
	5422		193			5200		180		TOTAL BACKSIGHTS + 53.931
	5229		387			5020		360		TOTAL FORESIGHTS − 59.526
8	16267	5422		2985		15600	5200		2952	DIFF IN ELEV − 5.595
	5371		193			5071		182		
	5178		192			4889		179		
	4986		385			4710		361		
9	15535	5178		3310		14670	4890		3313	
	5922		274			7778		275		BM 8-21 ARTESIA D-9 (U.S.3917)
	5648		274			7503		277		NORWALK BLVD & CARSON ST.
	5374		548			7226		552		SEE F.B. 1209-20 FOR DESC.
10	16944	5648		3858		22507	7502		3865	
		53931					59.526			

F.B. 2406 P.G. 12

17

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: PART CLOUDY Inst. No. 50010
Notes by: G. E. DREIER Time: 8:20 TO 9:10 Rod No. 11 & 12

Name: L.A. CO. PRECISE LEVEL NET
Job No. 9301.02
From: B.M. 8-21 To: B.M. 8-22
Date: 7-18-56
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
	6.489		196		#11	6.018		190		B.M. 8-21 (R.M. #1 ARTESIA D-9) (H.S. 3917)
	6.293		194			5.828		190		NORWALK BLVD. & CARSON ST
	6.099		390			5.638		380		SEE F.B. 1209-20
1	18.881	6.294		.390	71°	17.484	5.828		.380	
	5.118		185			5.759		188		T. J. MOODY
	4.933		182			5.571		187		
	4.751		367			5.384		375		
2	14.802	4.934		.757	✓	16.714	5.571		.755	
	5.099		181			5.799		187		
	4.918		181			5.612		184		
	4.737		362			5.428		371		
3	14.754	4.918		1.119	✓	16.839	5.613		1.126	
	5.297		184			5.402		184		
	5.112		181			5.218		185		
	4.931		366			5.033		369		
4	15.340	5.113		1.485	✓	15.653	5.218		1.495	
	6.868		192			6.939		188		
	6.676		188			6.751		191		
	6.488		380			6.560		379		
5	20.032	6.677		1.865	✓	20.250	6.750		1.874	
		27.936					28.980			

F.B. 2406 P.G. 13

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:20 TO 9:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-21 To B.M. 8-22
Date 7-18-56
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
	4.812	27.936	187	1.865		5.628		189	1.874	
	4.685		186			5.489		187		
	4.499		373			5.302		376		
6	14.056	4.685		2.238		16.469	5.490		2.250	
	5.350		188			5.643		188		
	5.162		184			5.455		187		
	4.978		372			5.268		375		
7	15.490	5.163		2.610		16.366	5.455		2.625	
	5.558		186			5.438		192		
	5.372		184			5.246		190		
	5.188		370			5.056		382		
8	16.118	5.373		2.980		15.740	5.247		3.007	
	5.237		165			5.271		159		
	5.072		162			5.112		157		
	4.910		327			4.955		316		
9	15.219	5.073		3.307		15.338	5.113		3.323	B.M. 8-22 (U.S. 3916 D-779 A4Q) NORWALK BLVD. & 224TH ST. SEE F.B. 1209-21 FOR DESC.
									3.307 6.630 = 0.43 mi	SUMMATION OF RUN B.M. 8-21 TO B.M. 8-22
										TOTAL BACKSIGHTS + 48.230
										TOTAL FORESIGHTS - 50.285
		48.230					50.285			DIFF IN ELEVATION - 2.055

F.B. 2406 P.G. 14

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 500.10
Notes by G. E. DREIER Time 11:15 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-22 To B.M. 8-21
Date 7-18-56
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
	5.619		178		#11	5.569		162		B.M. 8-22 (U.S. 3716, D-774 1946)
	5.441		176			5.407		162		NORWALK BLVD. & 224th ST.
	5.265		354			5.245		324		SEE F.B. 1209-21
1	16.325	5.442		354	76°	16.221	5.407		.324	
	5.505		192			5.619		184		T. J. MOODY
	5.313		191			5.435		184		
	5.122		383			5.251		368		
2	15.940	5.313		.737		16.305	5.435		.692	
	5.633		189			5.339		185		
	5.444		188			5.154		185		
	5.256		377			4.969		370		
3	16.333	5.444		1.114		15.462	5.154		1.062	
	6.067		189			5.259		187		
	5.878		187			5.072		185		
	5.691		376			4.887		372		
4	17.636	5.879		1.490		15.218	5.073		1.434	
	6.928		190			6.855		191		
	6.738		190			6.664		187		
	6.548		380			6.477		378		
5	20.214	6.738		1.870		19.996	6.665		1.812	
		28.816					27.734			

F.B. 2406 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 11:15 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-22 To B.M. 8-21
Date 7-18-56
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
	5,367	28,816	188	1,870		5,256	[illegible]	184	1,812	
	5,179		184			5,072		183		
	4,995		372			4,889		367		
6	15,541	5,180		2,242		15,217	[illegible]		2,179	
	5,448		175			4,778		199		
	5,273		171			4,579		198		
	5,102		346			4,381		397		
7	15,823	5,274		2,588		13,738	4,579		2,576	
	5,811		188			5,165		183		
	5,623		185			4,982		183		
	5,438		373			4,799		366		
8	16,872	5,624		2,961		14,946	[illegible]		2,942	
	6,038		186			6,518		201		
	5,852		184			6,317		198		B.M. 8-21 (R.M. #1 ARTESIA D-9) (U.S. 3917)
	5,668		370			6,119		399		NORWALK BLVD. & CARSON ST.
9	17,558	5,853		3,331		18,954	[illegible]		3,341	SEE F.B. 1209-20 FOR DESC.
										SUMMATION OF RUN
										B.M. 8-22 TO B.M. 8-21
										TOTAL BACKSIGHTS + 50,747
										TOTAL FORESIGHTS − 48,685
		50,747					48,685			DIFF IN ELEVATION + 2,062

F.B. 2406 P.G. 16

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50012
Notes by G. E. DREIER Time 9:10 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-22 To B.M. 8-23
Date 7-18-56
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
	5.369		077		#12	5.376		067		B.M. 8-22 (U.S. 3916, D-779 1946)
	5.292		074			5.309		065		NORWALK BLVD. & 224TH ST.
	5.218		151			5.244		132		SEE F.B. 1209-21 FOR DESC.
1	15.879	5.293		.151	72°	15.929	5.310		132	
	5.330		182			5.408		186		
	5.148		180			5.222		183		
	4.968		362			5.039		369		↑ J. MOODY
2	15.446	5.149		.513		15.669	5.223		.501	
	5.379		187			5.362		181		
	5.192		184			5.181		180		
	5.008		371			5.001		361		
3	15.579	5.193		.884		15.544	5.181		.862	
	5.362		182			5.557		181		
	5.180		178			5.376		180		
	5.002		360			5.196		361		
4	15.544	5.181		1.244		16.129	5.376		1.223	
	5.549		180			5.598		182		
	5.369		178			5.416		180		
	5.191		358			5.236		362		
5	16.109	5.370		1.602		16.250	5.417		1.585	
		26.186					26.507			

F.B. 2 406 P.G. 17

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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:10 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-22 To B.M. 8-23
Date 7-18-56
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
	5.353	26.186	175	1.602		5.287	[illegible]	187	1.585	
	5.178		178			5.100		183		
	5.000		353			4.917		370		
6	15.531	5.177		1.955		15.304	[illegible]		1.955	
	5.538		183			5.679		184		
	5.355		183			5.495		183		
	5.172		366			5.312		367		
7	16.067	5.356		2.321		16.486	[illegible]		2.322	
	5.565		183			5.576		186		
	5.382		180			5.390		185		
	5.202		363			5.205		371		
8	16.149	5.383		2.684		16.171	[illegible]		2.693	
	5.411		183			5.668		186		
	5.228		180			5.482		183		
	5.048		363			5.299		369		
9	15.687	5.229		3.047		16.449	[illegible]		3.062	
	5.423		181			5.520		182		
	5.242		180			5.338		180		
	5.062		361			5.158		362		
10	15.727	5.242		3.408		16.016	[illegible]		3.424	
	52.573					[illegible]				

F.B. 2406 P.G. 18

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 9:10 TO 10:15 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-22 To B.M. 8-23
Date 7-18-56
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
	5.257	52.573	184	3.408		5.513	53.315	185	3.424	
	5.073		121			5.328		185		
	5.892		365			5.143		370		
11	16.222	5.094		3.773		15.984	5.328		3.794	
	5.271		216			6.563		215		B.M. 8-23 (ARTESIA D-10 A) (U.S. 3915)
	5.055		213			6.348		213		NORWALK BLVD. & FULLERTON RD.
	4.842		429			6.135		428		SEE F.B. 1209-22 FOR DESC.
12	15.168	5.056		4.202		19.046	6.349		4.222	
									4.302 8.424 = 0.54 m	
										SUMMATION OF RUN B.M. 8-22 TO B.M. 8-23
										TOTAL BACKSIGHTS +62.703 TOTAL FORESIGHTS -64.992 DIFF IN ELEVATION - 2.289
										F.B. 2 406 P.G. 15
		62.703					64.992			

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 PART CLOUDY 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. 8-23 To B.M. 8-22
Date 7-18-56
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
	6.627		212		#11	5.335		216		B.M. 8-23
	6.415		212			5.119		212		NORWALK BLVD. & FULLERTON RD.
	6.203		424			4.907		428		SEE F.B. 1209-22 FOR DESC.
1	19.245	6.415		.424	74°	15.361	[illegible]		.428	
	5.405		187			5.150		185		
	5.218		183			4.965		182		X J. MOODY
	5.035		370			4.783		367		
2	15.658	5.219		.794		14.898	[illegible]		.795	
	5.510		182			5.419		181		
	5.328		181			5.238		180		
	5.147		363			5.058		361		
3	15.985	5.328		1.157		15.715	[illegible]		1.156	
	5.598		183			5.338		184		
	5.415		184			5.154		180		
	5.231		367			4.974		364		
4	16.244	5.415		1.524		15.466	[illegible]		1.520	
	5.557		187			5.547		184		
	5.370		185			5.363		181		
	5.185		372			5.182		365		
5	16.112	5.371		1.896		16.092	[illegible]		1.885	
		27.748					25.[illegible]			

F.B. 2406 PG. 20

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: PART CLOUDY 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. 8-23 To: B.M. 8-22
Date: 7-18-56
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
	5.702	27.748	183	1.896		5.562	25.843	185	1.885	
	5.519		182			5.377		182		
	5.337		365			5.195		367		
6	16.558	5.519		2.261		16.134	5.378		2.252	
	5.215		184			5.295		184		
	5.031		182			5.111		184		
	4.849		366			4.927		368		
7	15.095	5.032		2.627		15.333	5.111		2.620	
	5.547		184			5.497		179		
	5.363		180			5.318		180		
	5.183		364			5.138		359		
8	16.093	5.364		2.991		15.953	5.318		2.979	
	5.525		183			5.328		180		
	5.342		180			5.148		180		
	5.162		363			4.968		360		
9	16.029	5.343		3.354		15.444	5.148		3.339	
	5.241		182			5.258		186		
	5.059		186			5.072		185		
	4.879		362			4.887		371		
10	15.179	5.060		3.716		15.215	5.072		3.710	
		54.066					51.870			

F.B. 2406 P.G. 21

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-23 To B.M. 8-22
Date 7-18-56
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
	5.371	5.066	186	3.716		5.288	[illegible]	183	3.710	
	5.185		183			5.105		179		
	5.062		369			4.926		362		
11	15.558	5.186		4.085		15.319	[illegible]		4.072	
	5.269		066			5.266		079		
	5.203		066			5.187		078		B.M. 8-22 (U.S. 3916 D-779 1946)
	5.137		132			5.109		157		NORWALK BLVD & 224TH ST
12	15.609	5.203		4.217		15.562	[illegible]		4.229	SEE F.B. 209-21 FOR DESC
										SUMMATION OF RUN B.M. 8-23 TO B.M. 8-22
										TOTAL BACKSIGHTS + 64.455
										TOTAL FORESIGHTS − 62.163
										DIFF IN ELEVATION + 2.292
		64.455					62.163			

F.B. 2406 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 BREEZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:20 TO 3:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-23 To B.M. 8-
Date 7-18-56
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
	6.488		179		#11	4.232		184		B.M. 8-23 (ARTESIA D-16A) (U.S 3915)
	6.309		177			4.048		180		NORWALK BLVD. & FULLERTON RD.
	6.132		356			3.868		364		SEE F.B. 1209-22 FOR DESC.
1	18.929	6.310		.356		12.148	4.049		.364	
	6.842		124			3.222		133		
	6.718		121			3.089		131		
	6.597		245			2.958		264		↑ J. MOODY
2	20.157	6.719		.601		9.269	3.090		.628	
	7.552		112			3.642		100		
	7.439		110			3.542		100		
	7.329		223			3.442		200		
3	22.320	7.440		.824		10.626	3.542		.828	
	7.882		160			3.899		180		
	7.722		157			3.719		180		
	7.565		317			3.539		360		
4	23.169	7.723		1.141		11.157	3.719		1.188	
	5.782		079			5.653		064		
	5.703		078			5.589		064		+33.895
	5.625		157			5.525		128		-19.989
5	17.110	5.703		1.298		16.767	5.589		1.316	+13.906
		33.895					19.989		1.298	
									.261	
									= 0.17 mi.	

F.B. 2406 P.G. 23

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: BREEZE Inst. No. 50010
Notes by: G.E. DREIER Time: 1:20 TO 3:40 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 030162
From: B.M. 8-23 To: B.M. 8-28
Date: 7-18-56
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
				1.298					1.318 6	B.M. 8-24 A (U.S. P-779 RESET 1955) NORWALK BLVD. & COYOTE CR, N.E. COR. A STD. U.S.C.&G.S. DISC IN TOP OF WINGWALL
6	7.497 7.301 7.108 21.906	7.302	196 193 389	1.687		5.781 5.591 5.401 16.773	5.591	190 190 380	1.698 6	
7	5.349 5.145 4.943 15.437	5.146	204 202 406	2.093		10.195 9.991 9.787 29.976	[illegible]	204 204 411	2.108 7	
8	0.617 0.520 0.425 1.562	0.521	097 095 192	2.235		6.376 6.281 6.185 18.842	[illegible]	095 096 191	2.298 8	
9	5.108 4.908 4.708 14.724	4.908	200 200 400	2.685		5.877 5.678 5.479 17.034	5.678	199 199 398	2.688 96	
		17.877					27.512			

F.B. 2406 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 BREEZE - SUN Inst. No. 50010
Notes by G.E. DREIER Time 1:20 TO 3:40 Rod No. 11 8 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-23 To B.M. 8-28
Date 7-18-56
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
	5.833	17.877	195	2.685		5.887	27.542	198	2.687 96	
	5.638		193			5.689		197		
	5.445		388			5.492		395		
10	16.916	5.639		3.073		17.068	5.689		3.074 91	
	5.279		200			4.825		198		
	5.079		200			4.627		195		
	4.879		400			4.432		393		
11	15.237	5.079		3.473		13.884	4.628		3.457 86	
	5.085		200			5.458		196		
	4.885		197			5.262		194		
	4.688		397			5.068		390		
12	14.658	4.886		3.870		15.788	5.263		3.877 74	
	5.215		202			4.967		196		
	5.013		198			4.771		193		
	4.815		400			4.578		389		
13	15.043	5.014		4.270		14.316	4.772		4.256 62	
	10.758		203			2.848		193		
	10.658		199			2.755		193		
	10.459		399			2.662		386		
14	31.875	10.658		4.669		8.265	2.755		4.647 9	
		49.153					50.649			

F.B. 2406 P.G. 25

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 BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 1:15 TO 3:40 Rod No. 11012

Name L.A.Co. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-23 To B.M. 8-28
Date 7-18-56
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
	6759	49.153	190	4.669		5878	5.649	190	4.642	
	6569		190			5688		189		
	6379		380			5499		379		
15	19707	6569		5.049		17065	5.688		5.021	
	3343		192			8707		196		
	3151		188			8511		194		
	2963		380			8317		390		
16	9457	3.152		5.429		25535	8.512		5.411	
	1785		192			9625		192		
	1593		188			9433		190		
	1405		380			9243		382		
17	4783	1.594		5.809		28361	9.454		5.809	
	3778		187			5859		186		
	3591		188			5653		188		
	3403		375			5465		374		
18	10772	3.591		6.184		16957	5.652		6.167	
	5658		193			5444		193		
	5465		190			5251		192		
	5275		383			5059		385		
19	16398	5.466		6.567		15754	5.251		6.555	
		69.525					85.[illegible]6			

F.B. 2466 P.G. 26

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 BREEZE - SUN Inst. No. 50010
Notes by G.E. DREIER Time 1:20 TO 3:40 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No 030102
From B.M. 8-23 To B.M. 8-28
Date 7-18-56
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
	4.947	69.525	194	2.567		5.168	85.186	194	6.558	
	4.753		191			4.974		192		
	4.562		385			4.782		386	45	
20	14.262	4.754		6.952		14.924	4.975		6.938	
	5.683		164			5.353		174		+85.070
	5.519		160			5.179		171		-100.221
	5.359		324			5.008		345	90	-15.151
21	16.561	5.520		7.276		15.540	5.180		7.283	
	5.417		147			5.027		148		
	5.270		144			4.879		145		B.M. 8-27
	5.126		291			4.734		293	83	SPRING ST. & PIONEER BLVD. & INTER.
22	15.813	5.271		7.567		14.640	4.880		7.576	SEE F.B. 1209-27 FOR DESC.
		85.070					100.221		7.664	
									15,100	
									0.98 mi	
										+5.435
										-5.705
										-0.270
	5.464		030			5.732		027		(U.S. 39 11)
	5.434		028			5.705		026		B.M. 8-28 (ARTESIA C-11A, 1944)
	5.406		058			5.679		053		SPRING ST. & PIONEER BLVD.
23	16.304	5.435		7.625		17.116	5.705		7.677	SEE F.B. 1209-25 FOR DESC.

F.B. 2406 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..... Weather..... Inst. No.....
Notes by..... Time..... Rod No.....

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

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

F.B. 2406 P.G. 28

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 8:45 TO 10:50 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-28 To B.M. 8-23
Date 7-19-56
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
	5.713		026		# 11	5.444		029		B.M. 8-28 (ARTESIA C-11A, 1944) (U.S. 3711)
	5.687		026			5.415		028		SPRING ST. & PIONEER BLVD.
	5.661		052			5.387		.057		SEE F.B. 1209-25 FOR DESC.
1	17.061	5.687		.052	72°	16.246	5.415		.057	
										+ 5.687 - 5.415 + 0.272
										B.M. 8-27
										SPRING ST. & PIONEER BLVD. & INTER.
										SEE F.B. 1209-25 FOR DESC.
	5.097		148			5.487		146		
	4.949		146			5.341		143		
	4.803		294			5.198		289		
2	14.849	4.950		.346		16.026	5.342		.346	
	5.358		173			5.688		165		
	5.185		172			5.523		162		
	5.013		345			5.361		327		
3	15.556	5.185		.691		16.572	5.524		.673	
	5.338		196			5.115		194		
	5.142		193			4.921		190		
	4.949		389			4.731		384		
4	15.429	5.143		1.080		14.767	4.922		1.057	
		15.278					15.788			

F.B. 2406 P.G. 29

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8:45 TO 1 Rod No. 11 & 12

Name L. A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-28 To B.M. 8-23
Date 7-19-56
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
	5.273	5.278	194	1.080		5.487	[illegible]	192	1.057	
	5.079		191			5.295		192		
	4.888		385			5.103		384		
5	15.240	5.080		1.465		15.885	[illegible]		1.441	
	5.752		188			3.686		187		
	5.564		186			3.499		187		
	5.378		374			3.312		374		
6	16.694	5.565		1.839		10.497	3.499		1.815	
	9.413		191			1.571		192		
	9.222		190			1.379		190		
	9.032		381			1.189		382		
7	27.667	9.222		2.220		4.139	1.379		2.197	
	8.480		153			9.562		154		
	8.328		150			9.408		150		
	8.178		302			9.258		304		
8	24.986	8.329		2.522		28.228	9.409		2.501	
	1.978		178			6.018		166		
	1.800		175			5.852		164		
	1.625		353			5.688		330		
9	5.403	1.801		2.875		17.558	[illegible]		2.831	
		45.275					41.[illegible]			

F.B. 2406 P.G. 30

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 8:45 TO 10:50 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-28 To B.M. 8-23
Date 7-19-56
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6,417	45.275	175	2.875		5,452	41.224	177	2.831	
	6,242		173			5,275		178		
	6,069		348			5,097		355		
10	18,728	6.243		3.223		15,824	5.275		3.186	
	6567		174			4,022		183		
	6393		172			3,839		181		
	6,221		346			3,658		364		
11	19,181	6.394		3.569		11,519	3.840		3.550	
	4.655		116			5.965		183		
	4.539		112			5.782		183		
	4.427		228			5.599		366		
12	13.621	4.540		3.797		17.346	5.782		3.916	
	4.953		206			5.475		152		
	4.747		209			5.323		149		
	4.538		415			5.174		301		
13	14.238	4.746		4.212		15.972	5.324		4.217	
	5.269		181			5.902		178		
	5.088		177			5.724		176		
	4.911		358			5.548		354		
14	15.268	5.089		4.570		17.174	5.725		4.571	
		72.287					67.170			

F.B. 2406 P.G. 31

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 8:45 TO 10:[illegible] Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-28 To B.M. 8-23
Date 7-19-56
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
	6.012	5.357	185	4.570		5.121	[illegible]	184	4.571	
	5.827		184			4.937		185		
	5.643		369			4.752		369		
15	17.482	5.827		4.939		14.810	[illegible]		4.940	
	5.615		183			5.503		185		
	5.432		180			5.318		186		
	5.252		363			5.132		371		
16	16.299	5.433		5.302		15.953	[illegible]		5.311	
	5.943		181			2.517		178		+100.564
	5.762		180			2.339		176		-85.399
	5.582		361			2.163		354		+15.165
17	17.287	5.762		5.663		7.019	[illegible]		5.665	
	11.331		076			5.715		081		
	11.255		075			5.634		080		
	11.180		151			5.554		161		NOTE!
18	33.766	11.355		5.814		16.903	[illegible]		5.826	
		100.564					85.399		5.814	B.M. 8-24 4 (U.S. C-779 RESET 1955)
									11.540 = 0.75mi	NORWALK BLVD. & COYOTE CR. N.E. COR.
										B.S.C.&G.S. BRASS DISC IN TOP OF
										WINGWALL

F.B. 2406 PG. 32

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 8:45 TO 10:50 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-28 To B.M. 8-23
Date 7-19-56
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
	5.639		066	5.814		5.752		065	5.826	
	5.573		066			5.687		065		
	5.507		132			5.622		130		
19	16.719	5.573		5.946		17.061	5.687		5.956	
	3.911		182			7.898		160		
	3.729		178			7.738		157		
	3.551		360			7.581		317		
20	11.191	3.730		6.306		23.217	7.739		6.273	
	3.676		100			7.582		111		
	3.576		100			7.471		112		
	3.476		200			7.359		223		
21	10.728	3.576		6.506		22.412	7.471		6.296	
	3.268		133			6.892		124		+19.976
	3.135		132			6.768		123		-33.594
	3.003		265			6.545		247		-13.918
22	9.406	3.135		6.771		20.205	6.768		6.743	
	11.143		182			6.407		177		
	3.961		179			6.228		177		B.M. 8-23 (ARTESIA D-19A) 48.3915
	3.782		361			6.051		356		NORWALK BLVD & FULLERTON RD,
23	11.886	3.962		7.132	80°	18.686	6.229		7.099	SEE F.B. 1209-22 FOR DESC
		19.976					25.894			

F.B. 2406 P.G. 33

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

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

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

F.B. 2406 PG. 34

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 11.20 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-24A To B.M. 8-23
Date 7-19-56
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
	5.687		069		#11	5.798		065		B.M. 8-24A (U.S. C-779 RESET 1955)
	5.619		066			5.733		065		NORWALK BLVD. & COYOTE CR. N.E. COR.
	5.553		135			5.668		130		STD. U.S. C. & G.S. DISC. IN TOP OF
1	16.859	5.620		.135	80°	17.199	5.733		.130	WING WALL
	3.915		180			7.899		160		
	3.735		180			7.739		158		
	3.555		360			7.581		318		
2	11.205	3.735		.495		23.219	7.740		.448	T. J. MOODY
	3.679		100			7.585		110		
	3.579		100			7.475		111		
	3.479		200			7.364		221		
3	10.737	3.579		.695		22.424	7.475		.669	
	3.215		134			6.837		124		+20.088
	3.081		130			6.713		124		-33.999
	2.951		264			6.589		248		-13.911
4	9.247	3.082		.959		20.139	6.713		.917	F.B. 2406 P.G. 35
	4.245		174			6.523		185		U.S. 3915
	4.071		172			6.338		186		B.M. 8-23 (ARTESIA D-10A)
	3.899		346			6.152		371		NORWALK BLVD. & FULLERTON RD.
5	12.215	4.072		1.505		19.013	6.338		1.288	SEE F.B. 1207-22 FOR DESC.
		20.088					33.999			

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

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-23 To B.M. 8-24A
Date 7-19-56
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
	6.392		181			4121		180		B.M. 8-23 (ARTESIA D-10A U.S.3915)
	6.211		179			3941		180		NORWALK BLVD. & FULLERTON RD.
	6.032		360			3.761		360		SEE F.B. 1209-22 FOR DESC
1	18.635	6.212		.360		11.823	[illegible]		.360	
	6.859		122			3.241		132		
	6.737		122			3.109		131		
	6.615		244			2.978		263		
2	20.211	6.737		.604		9.328	3.109		.623	T. J. MOODY
	7.552		113			3.638		100		
	7.439		110			3.538		100		
	7.329		223			3.438		200		
3	22.320	7.440		.827		10.614	3.[illegible]		.823	
	7.883		160			3.899		180		+ 33.789
	7.723		158			3.719		180		− 19.868
	7.565		318			3.539		360		+ 13.921
4	23.171	7.724		1.145		11.164	3.[illegible]		1.183	
	5.745		070			5.625		067		B.M. 8-24A (U.S. C-779 RESET 1955)
	5.675		067			5.558		065		NORWALK BLVD. & COYOTE CR., N.E. COR.
	5.608		137			5.493		132		A STD. U.S. C.&G.S. DISC. IN TOP OF
5	17.028	5.676		1.282		16.676	5.559		1.315	WINGWALL
	33.789					19.68				

F.B. 2406 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 Smoggy 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. 8-24A To B.M. 8-23
Date 7-19-56
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
	5.538		067		#11	5.648		065		B.M. 8-24A (U.S. C-779 RESET 1955
	5.471		067			5.583		065		NORWALK BLVD. & COYOTE CR. N.E. COR.
	5.404		134			5.518		130		A STD. U.S.C. & G.S. DISC IN TOP OF
1	16.413	5.471		.134	80°	16.749	5.583		.130	CONC. WINGWALL OF BRIDGE 55-136
	3.882		180			7.867		159		
	3.702		180			7.708		157		
	3.522		360			7.551		316		
2	11.106	3.702		.494		23.126	7.709		.446	T J. MOODY
	3.688		099			7.595		112		
	3.589		101			7.483		111		
	3.488		200			7.372		223		
3	10.765	3.588		.694		22.450	7.483		.669	
	3.228		132			6.849		123		+19.869
	3.096		133			6.726		123		-33.781
	2.963		265			6.603		246		-13.912
4	9.287	3.096		.959		20.178	6.726		.915	
	4.188		177			6.463		184		
	4.011		174			6.279		181		B.M. 8-23 (ARTESIA D-10A, U.S.3915)
	3.837		351			6.098		365		NORWALK BLVD. & FULLERTON RD.
5	12.036	4.012		1.310		18.840	6.280		1.280	SEE F.B. 1209
		19.869					33.781			

F.B. 2406 P.G. 37

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 2:00 to 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0391.02
From B.M. 8-23 To B.M. 8-24A
Date 7-19-56
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
	6559		.177		#11	4292		.181		B.M. 8-23
	6382		.179			4111		.182		NORWALK BLVD. & FULLERTON RD,
	6203		.356'			3929		.363'		SEE F.B. 1209-22 FOR DESC.
1	19144'	6.381'		.356'	80°	12332'	4.111'		.363'	
	6671		.123			3051		.132		
	6548		.124			2919		.130		
	6424		.247'			2789		.262'		T G.E. DREIER
2	19643'	6.548'		.603'		8759'	2.920'		.625'	
	7457		.111			3547		.101		
	7346		.109			3446		.100		
	7237		.220'			3346		.201'		
3	22040'	7.347'		.823'		10.339'	3.446'		.826	+33.919'
	8008		.159			4028		.179		-20.004'
	7849		.158			3849		.178		+13.915'
	7691		.317'			3671		.357'		
4	23548'	7.849'		1.140'		11.548'	3.849'		1.183'	
	5867		.074			5743		.065		B.M. 8-24A
	5793		.071			5678		.065		NORWALK BLVD. & COYOTE CR. N.E. COR.
	5722		.145'			5613		.130'		STD. U.S.C. & G.S. DISC IN TOP OF
5	17382'	5.794'		1.285'		17034'	5.678'		1.313'	WINGWALL TO BRIDGE # 55-136
		33.919'					20.004'			

F.B. 2406 P.G. 38

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:15 TO 10:45 Rod No 11812

Name L. A. CO. PRECISE LEVEL NET
Job No D301.02
From B.M. 8-28 To B.M. 8-30
Date 7-20-56
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
	7.655		198			7.402		193		B.M. 8-28 (ARTESIA C-11A) (U.S. 3911)
	7.457		195			7.209		190		SPRING ST. & PIONEER BLVD.
	7.262		393			7.019		383		SEE F.B. 1209-25 FOR DESC.
1	22.374	7.458		393		21.630	7.210		383	
	4.652		193			5.245		201		
	4.459		192			5.044		201		
	4.267		385			4.843		402		T J. MOODY
2	13.378	4.459		778		15.132	5.044		785	
	5.211		200			4.966		204		
	5.011		199			4.762		200		
	4.812		399			4.562		404		
3	15.034	5.011		1.177		14.290	4.763		1189	
	5.458		196			4.493		203		
	5.262		194			4.290		201		
	5.068		390			4.089		404		
4	15.788	5.263		1.567		12.872	4.291		1593	
	4.162		200			4.575		196		
	3.962		199			4.379		192		
	3.763		399			4.187		388		
5	11.887	3.962		1.966		13.141	4.380		1.981	
		26.153					25.688			

F.B. 2406 P.G. 39

76F526 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 9:15 TO 10:45 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-28 To B.M. 8-30
Date 7-20-56
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
	5.055	26.153	200	1.966		5.286	25.688	192	1.981	
	4.855		200			5.094		192		
	4.655		400			4.902		384		
6	14.565	4.855		2.366		15.282	5.094		2.365	
	5.188		197			5.313		202		
	4.991		194			5.111		198		
	4.797		391			4.913		400		
7	14.976	4.992		2.757		15.337	5.112		2.765	
	7.791		198			2.912		201		
	7.593		194			2.711		199		
	7.399		392			2.512		400		
8	22.783	7.594		3.149		8.135	2.712		3.165	
	10.091		199			2.922		200		+59.823
	9.892		195			2.722		197		-53.045
	9.697		394			2.525		397		+6.778
9	29.680	9.893		3.543		8.169	2.723		3.562	
	6.418		082			11.782		066		B.M. L.A.Co.F.C. BRASS DISC. (NO
	6.336		081			11.716		066		NUMBER) SPRING ST. & SAN GAB.
	6.255		163			11.650		132		RIVER, N.E. COR., IN S.W. COR
10	19.009	6.336		3.706		35.148	11.716		3.694	OF LARGE SQ. CONC. BOX MAN HOLE
		59.823					53.045			

F.B. 2406 PG. 40

3.706
7.400
= 0.4801

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 9:15 TO 10:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-28 To B.M. 8-30
Date 7-20-56
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
	10.886		068	3.706		1.899		064	3.694	
	10.818		066			1.835		065		
	10.752		134			1.770		129		
11	32.446	10.819		3.840		5.504	1.835		3.823	
	6.094		203			6.903		194		
	5.891		200			6.709		192		
	5.691		403			6.517		386		
12	17.676	5.892		4.243		20.129	6.710		4.209	
	2.037		101			11.681		093		+18.647
	1.936		100			11.588		094		-20.133
	1.836		201			11.494		187		-1.486
13	5.809	1.936		4.444		34.763	11.588		4.396	
		18.647					20.133			B.M. 8-31A (U.S. J-51, RESET 1952) SPRING ST. & SAN GAB. RIVER, N.W. COR., BRASS DISC IN S.E. COR. OF LARGE SQ. CONC. MANHOLE
	10.919		228			11.445		173		
	10.691		229			11.272		173		
	10.462		457			11.099		346		
14	32.072	10.691		4.901		33.816	11.272		4.742	

F.B. 2446 P.G. 41

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 9:15 TO 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-28 To B.M. 8-30
Date 7-20-56
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
	0.388	16.691	032	4.901		4.802	11.282	043	4.742	
	0.356		031			4.759		047		B.M. 8-30 (F.C.B.M. 73-33)
	0.325		063			4.712		090		SPRING ST. & SAN GABRIEL RIVER
15	1.069	0.356		4.964		14.273	4.758		4.832	SEE F.B. 1209-27 FOR DESC.
		11.047					16.030			
										+11.047
										-16.030
										-4.983

F.B. 2406 P.G. 42

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 10:50 TO 12:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-30 To B.M. 8-28
Date 7-20-56
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
	4.830		046			0.414		032		B.M. 8-30 F.C.B.M. 73-33
	4.784		044			0.382		031		SPRING ST. & SAN GABRIEL RIVER
	4.740		090			0.351		063		SEE F.B. 1209-27 FOR DESC.
1	14.354	4.785		090		1.147	0.382		063	
	11.339		177			10.819		227		+ 15.948
	11.162		174			10.592		229		- 10.973
	10.988		351			10.363		456		+ 4.975
2	33.489	11.163		.441		31.774	10.591		.519	
		15.948					10.973			B.M. 8-31A (U.S. J-51 RESET 1952) SPRING ST. & SAN GAB. RIVER, N.W. COR. BRASS DISC IN S.E. COR OF LARGE SQ. CONC. MANHOLE
	11.965		095			2.324		105		
	11.870		093			2.219		104		
	11.777		188			2.115		209		T J. MOODY
3	35.612	11.871		.629		6.658	2.219		.728	
	6.950		200			6.129		196		
	6.750		200			5.933		194		
	6.550		400			5.739		390		
4	20.250	6.750		1.029		17.801	5.934		1.118	
		18.621					8.153			

F.B. 2406 P.G. 43

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 10:50 TO 12:05 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-20 To B.M. 8-28
Date 7-20-56
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
	1.730	18.621	.065	1.029		10.716	10.653	.066	1.118	
	1.665		.066			10.650		.067		
	1.599		.131			10.583		.133		
5	4.994	1.665		1.160		31.949	10.650		1.251	+20.286 -18.803 + 1.483
		20.286					18.803			
										F.C. B.M. (NO NUMBER) SPRING ST. & SAN GABRIEL RIVER, N.E. COR., BRASS DISC IN S.W. COR OF LARGE SQ CONC MAN HOLE
	11.893		.088			6.479		.055		
	11.805		.086			6.424		.055		
	11.719		.174			6.369		.110		
6	35.417	11.806		1.334		19.272	6.424		1.361	
	2.839		.200			10.002		.195		
	2.637		.198			9.807		.197		
	2.439		.398			9.610		.392		
7	7.913	2.638		1.732		29.419	9.806		1.753	
	2.911		.201			7.791		.196		
	2.710		.198			7.595		.196		
	2.512		.399			7.399		.392		
8	8.133	2.711		2.131		22.785	7.595		2.145	
		17.155					23.825			

F.B. 2406 P.G. 44

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 5001.0
Notes by G. E. DREIER Time 10:50 TO 12:05 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-30 To B.M. 8-28
Date 7-20-56
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
	5.178	17.155	200	2.131		5.058	23.825	197	2.145	
	4.978		200			4.861		193		
	4.778		400			4.668		390		
9	14.934	4.978		2.531		14.587	4.862		2.535	
	5.305		197			5.061		194		
	5.108		198			4.867		193		
	4.910		395			4.674		387		
10	15.323	5.108		2.926		14.602	4.867		2.922	
	4.407		196			3.992		197		
	4.211		193			3.795		196		
	4.018		389			3.599		393		
11	12.636	4.212		3.315		11.386	3.795		3.315	
	4.573		204			5.537		199		
	4.369		201			5.338		196		
	4.168		405			5.142		395		
12	13.110	4.370		3.720		16.017	5.339		3.710	
	5.062		203			5.307		199		
	4.859		200			5.108		197		
	4.659		403			4.911		396		
13	14.580	4.860		4.123		15.326	5.109		4.106	
		40.683					47.797			

F.B. 2406 P.G. 45

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: 10:50 TO 12:05 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NF
Job No.: 0301.02
From: B.M. 8-30 To: B.M. 8-28
Date: 7-20-56
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
	5.228	40.683'	200	4.123'		4.637	47.797'	195	4.106'	
	5.028		200			4.442		192		+53.002'
	4.828		400'			4.250		387'		- 59.779'
14	15.084	5.028'		4.523'		13.329	4.443'		4.493'	- 6.777'
	7.482		191			7.736		198		
	7.291		192			7.538		196		B.M. 8-28 (ARTESIA C-11A, U.S.3911)
	7.099		383'			7.342		394'		SPRING ST. & PIONEER BLVD.
15	21.872	7.291'		4.906'		22.616	7.539'		4.887'	SEE F.B. 1209-25 FOR DESC.
		53.002'					59.779'			

F.B. 2406 P.G. 46

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 2:20 TO 2:45 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-31A To B.M. 8-30
Date 7-20-56
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
	11.616		096		#11	2.842		101		B.M. 8-31A (U.S. J-51 RESET 1952)
	11.520		093			2.741		102		SPRING ST. & SAN GABRIEL RIVER,
	11.427		189			2.639		203		N.W. COR., BRASS DISC IN S.E. COR
1	34.563	11.521		189	78°	8.222	2.741		203	OF LARGE SQ. CONC. MANHOLE
										B.M. ARTESIA B-11 1954
										SPRING ST. & SAN GAB. RIVER, S.W.
										COR., L.A. CO TRIAGULATION
	2.248		132			11.536		073		F 11.521
	2.116		130			11.463		072		- 2.741 + 2.995
	1.986		262			11.391		145		+ 8.780 - 16.743
2	6.350	2.117		.451		34.390	11.463		.348	- 13.748
	0.899		021			5.332		051		
	0.878		021			5.281		053		B.M. 8-30 (F.C. B.M. 73-33 T)
	0.857		042			5.228		104		SPRING ST. & SAN GABRIEL RIVER
3	2.634	0.878		.493		15.841	5.280		.452	SEE F.B. 1209-27 FOR DESC.
		2.995					16.743			

F.B. 2406 P.G. 47

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 10:20 TO 10:45 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-30 To B.M. 8-31A
Date 7-23-56
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
	4.948		041			0.543		040		B.M. 8-30 F.C.B.M 73-33
	4.907		040			0.503		038		SPRING ST. & SAN GABRIEL RIVER,
	4.867		081			0.465		078		SEE F.B. 1209-27 FOR DESC.
1	14.722	4.907		.081		1.511	0.504		.078	
	11.539		098			2.196		107		+ 16.348
	11.441		097			2.089		104		− 2.594
	11.344		195			1.985		211		+ 13.744
2	34.324	11.441		.276		6.270	2.090		.289	
		16.348					2.594			B.M. ARTESIA B-11 1954
	2.851		102			11.623		095		+ 2.749
	2.749		101			11.528		095		− 11.528
	2.648		203			11.433		190		− 8.779
3	8.248	2.749		.479		34.584	11.528		.479	5 RESET B.M. 8-31A (U.S. J-31, 1952)

F.B. 2406 P.G. 48

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. ARTESIA B-4 To B.M. 8-32
Date 7-20-56
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
	4.748		185		#11	8.022		190		B.M. ARTESIA B-11 1954
	4.563		184			7.832		190		SPRING ST. & SAN GABRIEL RIVER
	4.379		369			7.642		380		S.W. COR., L.A.Co. TRIANGULATION
1	13.690	4.563		.369		23.496	7.832		.380	DISC IN HANDHOLE 15 FT. W. OF
	1.702		189			9.019		187		BRIDGE IN LINE WITH CENTER
	1.513		186			8.832		183		OF WALK
	1.327		375			8.649		370		
2	4.542	1.514		.744		26.500	8.833		.750	
	3.203		195			7.333		188		
	3.008		191			7.145		186		
	2.817		386			6.959		374		
3	9.028	3.009		1.130		21.437	7.146		1.124	
	4.808		190			5.644		192		
	4.618		193			5.452		191		
	4.425		383			5.261		383		
4	13.851	4.617		1.513		16.357	5.452		1.507	
	4.882		190			5.771		192		
	4.692		191			5.579		191		
	4.501		381			5.388		383		
5	14.075	4.692		1.894		16.738	5.579		1.890	
		18.395					34.842			

F.B. 2406 P.G. 49

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE – HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. ARTESIA B-11 To B.M. 8-32
Date 7-20-56
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
	4.758	18.395	190	1.894		5.331	34.842	192	1.890	
	4.568		189			5.139		189		
	4.379		379			4.950		381		
6	13.705	4.568		2.273		15.420	5.140		2.271	
	5.188		138			3.517		135		+28.013
	5.050		137			3.382		133		−43.365
	4.913		275			3.249		268		−15.352
7	15.151	5.050		2.548		10.148	3.383		2.539	
		28.013					43.365		2.548 5.087 =0.33mi.	F.C. B.M. 73-510, 1946 SPRING ST., E. OF STUDEBAKER RD. AT W. SIDE OF LARGE GATE TO CITY OF L.B. WATER WELL
	5.089		068			5.238		067		+5.021
	5.021		067			5.171		066		−5.171
	4.954		135			5.105		133		−0.150
8	15.064	5.021		2.683		15.514	5.171		2.672	B.M. 8-32 (U.S. 3968, A-779 1946) SPRING ST. E. OF STUDEBAKER RD.
										SEE F.B. 1209-29 FOR DESC.

F.B. 2406 P.G. 50

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 9:00 TO 10:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-32 To ARTESIA B-11
Date 7-23-56
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
	5.488		066		#11	5.341		068		B.M. 8-32 (U.S. 3908, A-779 1946)
	5.422		065			5.273		068		SPRING ST., E. OF STUDEBAKER RD
	5.357		131			5.205		136		SEE F.B. 1209-28 FOR DESC.
1	16.267	5.422		.131	74°	15.819	5.273		.136	+5.422 −5.273 +0.149
										F.C.B.M. 73-510, 1946 SPRING ST., E. OF STUDEBAKER RD. BRASS DISC N.W. SIDE OF GATE TO CITY OF L.B. WELL "WISE #1"
	3.568		136			5.238		137		
	3.432		134			5.101		135		
	3.298		270			4.966		272		
2	10.298	3.433		.401		15.305	5.102		.408	
	5.435		189			4.863		191		
	5.246		191			4.672		187		
	5.055		380			4.485		378		
3	15.736	5.245		.781		13.020	4.673		.786	
	5.841		192			4.951		192		
	5.649		190			4.759		188		
	5.459		382			4.571		380		
4	16.949	5.650		1.163		14.281	4.760		1.166	
		14.328					14.535			

F.B. 2406 P.G. 51

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. 500100
Notes by G.E.DREIER Time 9:00 TO 16:[illegible] Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-32 To B.M. ARTESIA B-11
Date 8-23-56
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
	5.731	14.328	193	1.163		4.895	[illegible]	193	1.166	
	5.538		189			4.702		190		
	5.349		382			4.512		383		
5	16.618	5.539		1.545		14.109	4.703		1.549	
	7.322		185			3.193		194		
	7.135		187			2.999		191		
	6.948		372			2.808		385		
6	21.405	7.135		1.917		9.000	3.000		1.934	
	8.898		187			1.585		190		+ 43.408
	8.711		186			1.395		187		− 28.064
	8.525		373			1.208		377		+ 15.344
7	26.134	8.711		2.290		4.188	1.396		2.311	
	7.882		187			4.615		186		B.M. ARTESIA B-11 1954
	7.695		188			4.429		184		SPRING ST. & SAN GABRIEL RIVER
	7.507		375			4.245		370		S.W. COR., L.A.CO. TRIANGULATION
8	23.084	7.695		2.665		13.289	4.430		2.681	DISC IN HANDHOLE 15 FT W.
		43.408					28.064			OF BRIDGE IN LINE WITH CENTER
										OF WALK

F.B. 2406 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 11:00 TO 1:30 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-32 To B.M. 8-34
Date 7-23-56
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
	3.912		169		#11	5.253		155		B.M. 8-32 (H.S. 3908, A-779 1946)
	3.753		166			5.098		156		SPRING ST., E. OF STUDEBAKER RD
	3.597		335			4.942		311		SEE F.B. 1209-28 FOR DESC.
1	11.262	3.754		.335	74°	15.293	5.098		311	
	5.491		198			5.212		197		
	5.293		194			5.015		196		
	5.099		392			4.819		393		
2	15.883	5.294		.727		15.046	5.015		.704	
	5.558		243			6.902		243		+ 14.363
	5.315		242			6.659		240		- 16.773
	5.073		485			6.419		483		- 2.410
3	15.946	5.315		1.212		19.980	6.660		1.187	
		14.363					16.773		1.212 2.399 = 0.15 mi	B.M. 8-33 SPRING ST. & STUDEBAKER RD. SEE F.B. 1209-28 FOR DESC
	7.299		200			5.247		199		
	7.099		200			5.048		196		
	6.899		400			4.852		395		
4	21.297	7.099		1.612		15.147	5.049		1.582	

F.B. 2406 P.G. 53

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 11:00 TO 1:20 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-32 To B.M. 8-34
Date 7-23-56
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
	5.217	7.099	204	1.612		5.822	5.622	200	1.582	
	5.013		200			5.622		200		
	4.813		404			5.422		400		
5	15.043	5.014		2.016		16.866	5.622		1.982	
	5.328		206			5.831		204		
	5.122		203			5.627		204		
	4.919		409			5.423		408		
6	15.369	5.123		2.425		16.881	5.627		2.390	
	4.659		182			5.247		179		
	4.477		182			5.068		180		
	4.295		364			4.888		359		
7	13.431	4.477		2.789		15.203	5.068		2.749	
	5.054		189			5.114		189		
	4.865		189			4.925		187		
	4.678		378			4.738		376		
8	14.597	4.866		3.165		14.777	4.926		3.125	
	5.842		184			5.012		190		
	5.658		182			4.822		190		
	5.476		366			4.632		380		
9	16.976	5.659		3.531		14.466	4.822		3.505	
		32.238					31.114			

F.B. 2406 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 BREEZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 1:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-32 To B.M. 8-34
Date 7-23-56
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
	6.227	32.238	185	3.531		5.613	31.114	194	3.505	
	6.042		187			5.419		191		
	5.855		372			5.228		385		
10	18.124	6.041		3.903		16.260	5.420		3.890	
	5.968		192			5.508		197		
	5.776		193			5.311		193		
	5.583		385			5.118		390		
11	17.327	5.776		4.288		15.937	5.312		4.280	
	5.539		150			5.228		152		+ 54.925
	5.389		150			5.076		150		− 53.066
	5.239		300			4.926		302		+ 1.859
12	16.167	5.389		4.588		15.230	5.077		4.582	
	5.647		166			6.314		172		B.M. 8-34
	5.481		166			6.142		169		SPRING ST. & PALO VERDE AVE.
	5.315		332			5.973		341		SEE F.B. 1209-29 FOR DESC.
13	16.443	5.481		4.920		18.429	6.143		4.923	
		54.925					53.066			

F.B. 2406 PG. 55

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 BREEZE SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:30 Rod No. 1812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-34 To B.M. 8-32
Date 7-23-56
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
	6.352		171		#11	5.685		166		B.M. 8-34
	6.181		169			5.519		168		SPRING ST. & PALO VERDE AVE.
	6.012		340			5.351		334		SEE F.B. 1209-29 FOR DESC.
1	18.545	6.182		.340	78°	16.555	5.518		.334	
	5.337		152			5.652		151		
	5.185		150			5.501		149		
	5.035		302			5.352		300		↑ J. MOODY
2	15.557	5.186		.642		16.505	5.502		.634	
	5.487		199			5.948		190		
	5.288		196			5.758		191		
	5.092		395			5.567		381		
3	15.867	5.289		1.037		17.273	5.758		1.015	
	5.618		195			6.228		186		
	5.423		195			6.042		183		
	5.228		390			5.859		369		
4	16.269	5.423		1.427		18.129	6.043		1.384	
	5.032		189			5.863	5.821	185		
	4.843		186			5.678		183		
	4.657		375			5.495		368		
5	14.532	4.844		1.802		17.036	5.679		1.752	
	26.924					28.500				

F.B. 2486 P.G. 56

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE - 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. 8-34 To B.M. 8-32
Date 7-23-56
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
	5.115	26.924	190	1.802		5.054	28.582	186	1.752	
	4.925		187			4.868		188		
	4.738		377			4.680		374		
6	14.778	4.926		2.179		14.602	4.867		2.126	
	5.848		186			5.251		179		
	5.662		183			5.072		177		
	5.479		369			4.895		356		
7	16.989	5.663		2.548		15.218	5.073		2.482	
	5.706		194			5.222		214		
	5.512		193			5.008		213		
	5.319		387			4.795		427		
8	16.537	5.512		2.935		15.025	5.008		2.909	
	6.022		197			5.422		203		
	5.825		197			5.219		201		
	5.628		394			5.018		404		
9	17.475	5.825		3.329		15.659	5.220		3.313	
	5.239		196			7.298		207		+53.890
	5.043		192			7.091		203		-55.760
	4.851		388			6.888		410		- 1.870
10	15.133	5.044		3.717		21.277	7.092		3.723	
		53.894					55.760		3.717 / 3.440	

0.48 mi

F.B. 2406 P.G. 57

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE - 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 030.1.02
From B.M. 8-34 To B.M. 8-32
Date 7-23-56
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
				3.717					3.723	B.M. 8-33 SPRING ST. & STUDEBAKER RD. SEE F.B. 1209-28 FOR DESC.
	6.897		244			5.548		240		
	6.653		240			5.308		240		
	6.413		484			5.068		480		
11	19.963	6.654		4.201		15.924	5.308		4.203	
	5.232		199			5.511		196		
	5.033		195			5.315		197		
	4.838		394			5.118		393		
12	15.103	5.034		4.595		15.944	5.315		4.596	+ 16.884 - 14.478 + 2.406
	5.357		162			4.012		157		
	5.195		160			3.855		156		B.M. 8-32 (U.S. 3908 A-779 1946
	5.035		322			3.699		313		SPRING ST., E. OF STUDEBAKER RD.
13	15.587	5.196		4.917		11.566	3.855		4.909	SEE F.B. 1209-28 FOR DESC.
		16.884					14.478			

F.B. 2406 P.G. 58

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 9:00 to 10:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 8-34 To BM 8-35
Date 7-24-56
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
	6096		188		#11	5569		194		BM 8-34
	5908		189			5375		192		PALO VERDE AVE & SPRING ST
	5719		377			5183		386		SEE F.B. 1209-29 for DESC.
1	17723	5.908		.377	75°	16127	5.376		.386	
	6019		191			5500		192		
	5828		191			5308		191		⊼ G.E. DREIER
	5637		382			5117		383		
2	17484	5.828		.759		15925	5.308		.769	
	6012		193			5513		196		
	5819		191			5317		198		
	5628		384			5119		394		
3	17459	5.820		1.143		15949	5.316		1.163	
	6052		196			6013		194		
	5856		196			5819		192		
	5660		392			5627		386		
4	17568	5.856		1.535		17459	5.820		1.549	
	5987		194			5903		193		
	5793		192			5710		193		
	5601		386			5517		386		
5	17381	5.794		1.921		17130	5.710		1.935	
		29.206					27.530			

F.B. 2406 P.G. 59

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 J.A. MOODY Time 9:00 to 10:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From BM 8-34 To BM 8-35
Date 7-24-56
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
	5295	29.206	193	1921		5621	27.530	192	1935	
	5102		192			5429		192		
	4910		385			5237		384		
6	15307	5.102		2306		16287	5.429		2319	
	5258		194			5403		194		
	5064		191			5209		193		
	4873		385			5016		387		
7	15195	5.065		2691		15628	5.209		2706	
	6468		199			6698		196		
	6269		198			6502		196		
	6071		397			6306		382		
8	18808	6.269		3088		19506	6.502		3088	
	5711		188			5350		188		
	5523		186			5162		185		
	5337		374			4977		373		
9	16571	5.524		3462		15489	5.163		3461	
	5921		192			5298		201		
	5729		192			5097		200		
	5537		384			4897		401		
10	17187	5.729		3846		15292	5.097		3862	
	56895					54920				

F.B. 2406 P.G. 60

76P526 S & E #379 1-54

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Chief of Party G. E. DREJER Weather HAZE SUN Inst. No. 50010
Notes by J. A. MOODY Time 9:00 to 10:00 Rod No. 11 & 12

Name A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 8-34 To BM 8-35
Date 7-24-56
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
	6277	5.6895	195	3.846		5254	5.4930	204	3.862	
	6082		192			5050		203		
	5890		387			4847		407		
11	18249	6.083		4.233		15151	5.050		4.269	
	5279		201			5708		201		
	5078		201			5507		203		
	4877		402			5304		404		
12	15234	5.078		4.635		16519	5.506		4.673	
	4821		196			6319		189		
	4625		195			6130		187		
	4430		391			5943		376		
13	13876	4.625		5.026		18392	6.131		5.049	
	5508		138			6963		132		BM 8-35
	5370		139			6831		131		SPRING ST & LOMINA AVE
	5231		277			6700		263		SEE F.B. 1209-30 FOR DESC.
14	16109	5.370		5.303		20494	6.831		5.312	
									5.303	
									10.615	
									= 0.69 mi	
		78.051					78.448			

SUMMATION OF RUN
BM 8-34 to BM 8-35

TOTAL BACKSIGHTS	+78.051
TOTAL FORESIGHTS	-78.448
DIFF IN ELEV.	-0.397

F.B. 2406 P.G. 66

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

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

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

F.B. 2406 P.G. 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 J. A. Moody Time 10:00 to 11:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-35 To BM 8-34
Date 7-24-56
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
	6942		130		#11	5489		138		BM 8-35
	6812		131			5351		139		SPRING St. & LOMINA AVE.
	6681		261			5212		277		SEE F.B. 1209-30 FOR DESC.
1	20435	6.813		.261	77°	16052	5.351		.277	
	6208		195			4701		190		
	6013		194			4511		190		
	5819		389			4321		380		G. E. DREIER
2	18040	6.013		.650		13533	4.511		.657	
	5920		202			5491		201		
	5718		202			5290		203		
	5516		404			5087		404		
3	17154	5.718		1.054		15868	5.289		1.061	
	5462		209			6475		195		
	5253		205			6280		192		
	5048		414			6088		387		
4	15763	5.254		1.468		18843	6.281		1.448	
	5323		200			5948		195		
	5123		201			5753		192		
	4922		401			5561		387		
5	15368	5.123		1.869		17262	5.754		1.835	
		28.920					27.186			

F.B. 2406 P.G. 63

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by J. A. MOODY Time 10:00 to 11:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-35 To BM 8-34
Date 7-24-56
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
	5453	28.920	185	1869		5818	27.186	188	1835	
	5268		186			5630		187		
	5082		371			5443		375		
6	15803	5.268		2240		16891	5.630		2210	
	6167		188			5956		206		
	5979		189			5750		207		
	5790		377			5543		413		
7	17936	5.979		2617		17249	5.750		2623	
	5792		195			5650		193		
	5597		193			5457		194		
	5404		388			5263		387		
8	16793	5.598		3005		16370	5.457		3010	
	5880		191			5553		191		
	5689		191			5362		192		
	5498		382			5170		383		
9	17067	5.689		3387		16085	5.362		3393	
	5881		193			5968		194		
	5688		191			5774		193		
	5497		384			5581		387		
10	17066	5.689		3771		17323	5.774		3780	
		57.143				5[illegible]9				

F.B. 2406 P.G. 64

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 J. A. Moody Time 10:00 to 11:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 8-35 To BM 8-34
Date 7-24-56
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
	5661	57.143	191	3.771		5702	55.159	195	3.780	
	5470		191			5507		197		
	5279		382			5310		392		
11	16410	5470		4153		16519	5.506		4172	
	4771		200			5259		192		
	4571		199			5067		193		
	4372		399			4874		385		
12	13714	4.571		4552		15200	5.067		4557	
	4743		191			5259		191		
	4552		192			5068		195		
	4360		383			4873		386		
13	13655	4552		4935		15200	5.067		4943	
	4738		195			5262		183		BM 8-34
	4543		192			5079		184		PALO VERDE AVE. & SPRING ST.
	4351		387			4895		367		SEE F.B. 1209-29 FOR DESC.
14	13632	4.544		5322		15236	5.079		5310	
										SUMMATION OF RUN
										BM 8-35 to BM 8-34
										TOTAL BACKSIGHTS + 76.280
										TOTAL FORESIGHTS − 75.878
		76.280					75.878			DIFF IN ELEV. + 0.402

B 2406 P.665

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

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

F.B. 2406 P.G. 66

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 BREEZE - HAZE Inst. No. 50010
Notes by G.E. DREIER Time 11:35 TO 12:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-35 To B.M. 8-36
Date 7-24-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.772		200		#11	5.596		195		B.M. 8-35
	6.572		199			5.401		198		SPRING ST. & LOMINA AVE.
	6.373		399			5.203		393		SEE F.B. 1209-30 FOR DESC.
1	19.717	6.572		.399	75°	16.200	5.400		.393	
	5.507		200			6.363		198		
	5.307		199			6.165		197		
	5.108		399			5.968		395		π J. MOODY
2	15.922	5.307		.798		18.496	6.165		.788	
	6.328		195			5.312		194		
	6.133		195			5.118		191		
	5.938		390			4.927		385		
3	18.399	6.133		1.188		15.357	5.119		1.173	
	5.864		197			5.906		199		
	5.667		199			5.707		196		
	5.468		396			5.511		395		
4	16.999	5.666		1.584		17.124	5.708		1.568	
	6.402		200			5.791		197		
	6.202		196			5.594		194		
	6.006		396			5.400		391		
5	18.610	6.203		1.980		16.785	5.595		1.959	
		29.881					27.987			

F.B. 2406 PG. 67

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 BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 11:35 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-35 To B.M. 8-36
Date 7-24-56
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
	5.412	29.881	240	1.980		6.948	27.987	251	1.959	BM 8-36
	5.172		239			6.697		250		
	4.933		479			6.447		501		
6	15.517	5.172		2.459		20.092	6.697		2.460	
									2.459	
									4.919	
									0.32 m	
										SUMMATION OF RUN
										B.M. 8-35 TO B.M. 8-36
										TOTAL BACKSIGHTS +35.053
										TOTAL FORESIGHTS -34.684
										DIFF IN ELEVATION + 0.369
		35.053					34.684			

F.B. 2406 P.G. 68

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 BREZE-HAZE Inst. No. 50010
Notes by G.E. DREIER Time 1:15 TO 1:45 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-36 To B.M. 8-35
Date 7-24-56
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
	6.943		251			5.414		245		B.M. 8-36
	6.692		249			5.169		241		SPRING ST. & BELLFLOWER BLVD.
	6.443		500			4.928		486		SEE F.B. 1209-31 FOR DESC.
1	20.078	6.693		5.00		15.511	5.170		.486	
	5.872		195			6.483		198		
	5.677		198			6.285		197		
	5.479		393			6.088		395		π J. Moody
2	17.028	5.676		.893		18.856	6.285		.881	
	5.882		199			5.839		197		
	5.683		196			5.642		199		
	5.487		395			5.443		396		
3	17.052	5.684		1.288		16.924	5.641		1.277	
	5.187		196			6.198		196		
	4.991		192			6.002		194		
	4.799		388			5.808		390		
4	14.977	4.992		1.676		18.008	6.003		1.667	
	6.225		199			5.372		201		
	6.026		195			5.171		199		
	5.831		394			4.972		400		
5	18.082	6.027		2.070		15.515	5.172		2.067	
		29.072					28.271			

F.B. 2406 P.G. 69

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 BREEZE - HAZE Inst. No. 50010
Notes by G. E. DREIER Time 1:15 TO 1:45 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-36 To B.M. 8-35
Date 7-24-56
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
	5.876	29.092	197	2.070		7.052	28.271	199	2.067	
	5.679		195			6.853		196		B.M. 8-35
	5.489		392			6.657		395		SPRING ST. & LOMINA AVE.
6	17.039	5.680		2.462		20.562	6.854		2.462	SEE F.B. 1209-30 FOR DESC
										SUMMATION OF RUN
										B.M. 8-36 TO B.M. 8-35
										TOTAL BACKSIGHTS + 34.752
										TOTAL FORESIGHTS − 35.125
										DIFF IN ELEVATION − 0.373
	34.752					35.125				

F.B. 2406 P.G. 70

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather BREEZE-HAZE Inst. No. 50010
Notes by G.E. DREIER Time 2:00 TO 2:50 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-36 To B.M. 8-37
Date 7-24-56
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
	5.963		251			5.977		240		B.M. 8-36
	5.712		254			5.737		240		SPRING ST. & BELLFLOWER BLVD.
	5.458		505			5.497		480		SEE F.B. 1209-31 FOR DESC.
1	17.133	5.711		.505	78°	17.211	5.737		.480	
	6.817		204			5.453		196		
	6.613		201			5.257		198		
	6.412		405			5.059		394		
2	19.842	6.614		.910		15.769	5.256		.874	T. J. Moody
	5.867		189			5.483		201		
	5.678		189			5.282		199		
	5.489		378			5.083		400		
3	17.034	5.678		1.288		15.848	5.283		1.274	
	5.752		194			5.772		195		
	5.558		191			5.577		194		
	5.367		385			5.383		389		
4	16.677	5.559		1.673		16.732	5.577		1.663	
	5.452		181			3.222		174		
	5.271		181			3.048		171		
	5.090		362			2.877		345		
5	15.813	5.271		2.035		9.147	3.049		2.008	
		28.833					24.902			

F.B. 2406 P.G. 71

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 BREEZE Inst. No. 50010
Notes by G.E. DREIER Time 2:00 TO 2:50 Rod No. 11 8'12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-36 To B.M. 8-37
Date 7-24-56
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
	5.227	28.833	199	2.035		7.088	24.902	185	2.008	
	5.028		195			6.903		184		T.B.M.
	4.833		394			6.719		369		SPRING ST. & CHARLEMAGNE AVE
6	15.088	5.029		2.429		20.710	6.903		2.377	L.&T. IN E. END OF CENTER PARK
	5.817		182			5.333		200		WAY CURB
	5.635		181			5.133		198		
	5.454		363			4.935		398		
7	16.906	5.635		2.792		15.401	5.134		2.775	
	5.815		188			5.419		193		
	5.627		189			5.226		194		
	5.438		377			5.032		387		SUMMATION OF RUN
8	16.880	5.627		3.169		15.677	5.[illegible]6		3.162	B.M. 8-36 TO B.M. 8-37
	5.809		194			5.543		192		TOTAL BACKSIGHTS +55.803
	5.615		192			5.351		194		TOTAL FORESIGHTS -54.090
	5.423		386			5.157		386		DIFF IN ELEVATION +1.713
9	16.847	5.616		3.555		16.051	5.[illegible]0		3.548	
	5.247		185			6.759		185		
	5.062		183			6.574		183		B.M. 8-37
	4.879		368			6.391		368		SPRING ST. & CLARK AVE.
10	15.188	5.063		3.923		19.724	6.575		3.916	SEE F.B. 1209-32 FOR DESC.
	55.803					54.090			3.923	
									7.839	
									= 0.50+ mi.	

F.B. 2406 PG. 72

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE - HAZE Inst. No. 50016
Notes by G. E. DREIER Time 2:50 TO Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-37 To B.M. 8-36
Date 7-24-56
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
	6.739		184		#11	5.228		183		B.M. 8-37
	6.555		183			5.045		182		SPRING ST. & CLARK AVE
	6.372		367			4.863		365		SEE F.B. 1209-32 FOR DESC.
1	19.666	6.555		.367	78°	15.136	5.045		.365	
	5.532		194			5.794		195		
	5.338		193			5.599		191		
	5.145		387			5.408		386		
2	16.015	5.338		.754		16.801	5.600		.751	T J. MOODY
	5.387		195			5.781		188		
	5.192		193			5.593		187		
	4.999		388			5.406		375		
3	15.578	5.193		1.142		16.780	5.593		1.126	
	5.097		200			5.579		184		
	4.897		198			5.395		184		T.B.M.
	4.699		398			5.211		368		
4	14.693	4.898		1.540		16.185	5.395		1.494	
	7.143		185			5.278		196		
	6.958		185			5.082		194		
	6.773		370			4.888		390		
5	20.874	6.958		1.910		15.248	5.083		1.884	
		28.942					26.716			

F.B. 2406 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 BREEZE-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 3:30 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-37 To B.M. 8-36
Date 7-24-56
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
	3.324	3.242	168	1.910		5.562	5.376	185	1.854	
	3.156		168			5.377		184		
	2.988		336			5.193		369		
6	9.468	3.156		2.246		16.132	5.377		2.253	
	5.749		197			5.729		194		
	5.552		194			5.536		193		
	5.358		391			5.342		387		
7	16.659	5.553		2.637		16.606	5.535		2.640	
	5.482		195			5.876		195		
	5.287		194			5.681		193		
	5.093		389			5.488		388		SUMMATION OF RUN
8	15.862	5.287		3.026		17.045	5.682		3.028	B.M. 8-37 TO B.M. 8-36
	5.435		198			6.798		203		TOTAL BACKSIGHTS +54.067
	5.237		196			6.595		200		TOTAL FORESIGHTS -55.783
	5.041		394			6.395		403		DIFF IN ELEVATION - 1.716
9	15.713	5.238		3.420		19.788	6.596		3.431	
	6.139		248			6.123		246		
	5.891		247			5.877		245		B.M. 8-36 (CLEARWATER J-11)
	5.644		495			5.632		491		SPRING ST. & BELLFLOWER BLVD
10	17.674	5.891		3.915		17.632	5.877		3.922	SEE F.B. 1209-31 FOR DESC.
	54.067					55.783				

F.B. 2406 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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:50 TO 9:50 Rod No. 11812

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-37 To B.M. 8-38
Date 7-25-56
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
	6.265		220		#11	6.133		200		B.M. 8-37
	6.045		217			5.933		196		SPRING ST. & CLARK AVE.
	5.828		437			5.737		396		SEE F.B. 1209-32 FOR DESC.
1	18.138	6.046		.437		17.803	5.934		.396	
	5.925		188			6.277		209		
	5.737		188			6.068		209		
	5.549		376			5.859		418		⊼ J. MOODY
2	17.211	5.737		.813		18.204	6.068		.814	
	5.356		199			5.464		206		
	5.157		196			5.258		205		
	4.961		395			5.053		411		
3	15.474	5.158		1.208		15.775	5.258		1.225	
	6.192		199			5.643		201		
	5.993		200			5.442		199		
	5.793		399			5.243		400		
4	17.978	5.993		1.607		16.328	5.443		1.625	
	6.162		200			5.857		199		
	5.962		200			5.658		196		
	5.762		400			5.462		395		
5	17.886	5.962		2.007		16.977	5.659		2.020	
		28.896					28.362			

F.B. 2406 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 HAZE - SUN Inst. No. 50010
Notes by G.E. DREIER Time 8:50 TO 9:50 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-37 To B.M. 8-38
Date 7-25-56
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
	5.745	28.896	197	2.007		5.630	28.362	198	2020	
	5.548		195			5.432		197		
	5.353		392			5.235		395		
6	16.646	5.549		2.399		16.297	5.432		2.415	
	6.189		207			5.564		198		
	5.982		204			5.366		195		
	5.778		411			5.171		393		
7	17.949	5.983		2.800		16.101	5.367		2.808	
	6.499		207			5.968		206		
	6.292		204			5.762		203		
	6.088		411			5.559		409		SUMMATION OF RUN
8	18.879	6.293		3.211		17.289	5.763		3.217	B.M. 8-37 TO B.M. 8-38
	6.541		202			6.098		219		TOTAL BACKSIGHTS + 59.031
	6.339		200			5.879		215		TOTAL FORESIGHTS - 55.984
	6.139		402			5.664		434		DIFF IN ELEVATION + 3.047
9	19.019	6.340		3.613		17.641	5.880		3.651	
	6.119		148			5.332		153		
	5.971		150			5.179		151		B.M. 8-38 (CLEARWATER G-11
	5.821		298			5.028		304		SPRING ST. & LAKEWOOD BLVD.
10	17.911	5.970		3.971		15.539	5.180		3.955	SEE F.B. 1209-33
	59.031					55.984				

F.B. 2406 PG. 76

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G.E. DREIER Time 9:50 TO 10:30 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-38 To B.M. 8-37
Date 7-25-56
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
	5.317		153		#11	6.108		150		B.M. 8-38 (CLEARWATER G-11
	5.164		151			5.958		146		SPRING ST. & LAKEWOOD BLVD.
	5.013		304			5.812		296		SEE F.B. 1209-33 FOR DESC.
1	15.494	5.165		.304	80°	17.878	5.959		.296	
	6.062		219			6.508		200		
	5.843		215			6.308		200		
	5.628		434			6.108		400		
2	17.533	5.844		.738		18.924	6.308		.696	
	6.031		201			6.571		212		
	5.830		200			6.359		208		
	5.630		401			6.151		420		
3	17.491	5.830		1.139		19.081	6.360		1.116	
	5.565		194			6.202		211		
	5.371		192			5.991		208		
	5.179		386			5.783		419		
4	16.115	5.372		1.525		17.976	5.992		1.535	
	5.455		197			5.576		198		
	5.258		196			5.378		196		
	5.062		393			5.182		394		
5	15.775	5.258		1.918		16.136	5.379		1.929	
		27.469					29.998			

F.B. 2406 P.G. 77

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 9:50 TO 10:20 Rod No. 11 812

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-38 To B.M. 8-37
Date 7-25-56
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
	5803	27469	195	1.918		6.119	29998	201	1.929	
	5.608		195			5.918		200		
	5413		390			5.718		401		
6	16.824	5.608		2.308		17.755	5.918		2.330	
	5.458		199			6.009		201		
	5.259		196			5.808		199		
	5.063		395			5.609		400		
7	15.780	5.260		2.703		17.426	5.809		2.730	
	5.542		207			5.431		193		SUMMATION OF RUN
	5.335		204			5.238		196		B.M. 8-38 TO B.M. 8-37
	5.131		411			5.042		389		TOTAL BACKSIGHTS + 56.487
8	16.008	5.336		3.114		15.711	5.237		3.119	TOTAL FORESIGHTS - 59.552
	6.411		200			6.076		197		DIFF IN ELEVATION - 3.065
	6.211		200			5.879		196		
	6.011		400			5.683		393		
9	18.633	6.211		3.514		17.638	5.879		3.512	
	6.808		206			6.923		212		
	6.602		203			6.711		213		B.M. 8-37
	6.399		409			6.498		425		SPRING ST. & CLARK AVE
10	19.809	6.603		3.923		20.132	6.711		3.937	SEE F.B. 1209-32 FOR DESC.
	56.487					59.552				

F.B. 2406 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 BREEZE HAZE Inst. No. 50010
Notes by J.A. MOODY Time 11:05 to 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 8-37 To BM 8-38
Date 7-25-56
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
	6924		213		#11	6803		205		BM 8-37
	6711		213			6598		202		CLARK AVE & SPRING ST.
	6498		426			6396		407		SEE F.B 1209-32 FOR DESC
1	20133	6.711		.426	82°	19797	6.599		.407	
	5969		195			6300		198		
	5774		195			6102		198		↖ G.E. DREIER
	5579		390			5904		396		
2	17322	5.774		.816		18306	6.102		.803	
	5930		197			6039		207		
	5733		193			5832		205		
	5540		390			5627		412		
3	17203	5.734		.1206		17498	5.833		.1215	
	6102		197			5552		199		
	5905		196			5353		197		
	5709		393			5156		396		
4	17716	5.905		.1599		16061	5.354		.1611	
	6137		198			5828		199		
	5939		195			5629		198		
	5744		393			5431		397		
5	17820	5.940		.1992		16888	5.629		.2008	
		30.064					29.517			

F.B. 2406 P.G. 79

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE Inst. No. 50010
Notes by J. A. MOODY Time 11:05 to 11:[illegible] Rod No. 11812

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 8-37 To BM 8-38
Date 7-25-56
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
	5719	30.064	195	1.992		5600	29.517	198	2.008	
	5524		193			5402		198		
	5331		388			5204		396		
6	16.574	5.525		2.380		16.206	5.402		2.404	
	6362		204			5735		196		
	6158		205			5539		197		
	5953		409			5342		393		
7	18.473	6.158		2.789		16.616	5.539		2.797	
	6500		204			5969		205		SUMMATION OF RUN
	6296		205			5764		204		BM 8-37 to BM 8-38
	6091		409			5560		409		TOTAL BACKSIGHTS + 60.576
8	18.887	6.296		3.198		17.293	5.764		3.206	TOTAL FORESIGHTS − 57.499
	6605		199			6160		218		DIFF IN ELEV. + 3.077
	6406		199			5942		215		
	6207		398			5727		433		
9	19.218	6.406		3.596		17.829	5.943		3.639	
	6283		156			5477		144		BM 8-38
	6127		157			5333		141		LAKEWOOD BLVD & SPRING ST.
	5970		313			5192		285		SEE F.B. 1209-33 FOR DESC.
10	18.380	6.127		3.909		16.002	5.334		3.924	
	60.576					57.499				

F.B. 2406 P.G. 80

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE HAZE Inst. No. 50010
Notes by J. A. MOODY Time 1:15 to 1:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 8-38 To BM 8-37
Date 7-25-56
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
	5360		149		#11	6153		150		BM 8-38 CLEARWATER G-11
	5211		150			6003		148		LAKEWOOD BL. & SPRING ST
	5061		299			5855		298		SEE F.B. 1209-33 FOR DESC.
1	15632	5.211		.299	84°	18.011	6.004		.298	
	6111		218			6558		199		G. E. DREIER
	5893		215			6359		199		
	5678		433			6160		398		
2	17682	5.894		.732		19077	6.359		.696	
	5803		204			6333		205		
	5599		205			6128		205		
	5394		409			5923		410		
3	16796	5.599		1.141		18384	6.128		1.106	
	5675		193			6305		208		
	5482		192			6097		208		
	5290		385			5889		416		
4	16447	5.482		1.526		18291	6.097		1.522	
	5600		197			5718		195		
	5403		195			5523		194		
	5208		392			5329		389		
5	16211	5.404		1.918		16570	5.523		1.911	
		27.590					30.111			

F.B. 2406 P.G. 81

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE Inst. No 50010
Notes by J. A. MOODY Time 1:15 to 1:50 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NE
Job No 030102
From BM 8-38 To BM 8-37
Date 7-25-56
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
	5.715	27.590	194	1.918		6029	30.111	200	1.911	
	5521		193			5829		201		
	5328		387			5628		401		
6	16.564	5.521		2305		17.486	5.829		2312	
	5402		200			5950		197		
	5202		197			5753		195		
	5005		397			5558		392		
7	15.609	5.203		2702		17.261	5.754		2704	
	6055		206			5947		197		SUMMATION OF RUN
	5849		205			5750		196		BM 8-38 to BM 8-37
	5644		411			5554		393		TOTAL BACKSIGHTS + 56.840
8	17.548	5.849		3113		17.251	5.750		3097	TOTAL FORESIGHTS − 59.898
	6323		201			5988		195		DIFF IN ELEV. − 3.058
	6122		198			5793		193		
	5924		399			5600		388		
9	18.369	6.123		3512		17.381	5.794		3485	
	6752		198			6879		219		BM 8-37
	6554		199			6660		218		CLARK AVE & SPRING ST.
	6355		397			6442		437		SEE F.B. 1209-32 FOR DESC.
10	19.661	6.554		3909		19.981	6.660		3922	
		56.840					59.898			

F.B. 2406 P.G. 82

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:00 T 04:00 Rod No. 11 912

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-38 To B.M. 8-42
Date 7-25-56
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
	5.133		076			4.732		079		B.M. 8-38 (CLEARWATER G-11)
	5.057		078			4.653		077		SPRING ST. & LAKEWOOD BLVD
	4.979		154			4.576		156		SEE F.B. 1209-33 FOR DESC
1	15.169	5.056		.154		13.961	4.654		.156	+5.056
										-4.654
										+0.402
										B.M. 8-39 (U.S. 3953, H-780, 1946)
										SPRING ST. & LAKEWOOD BLVD.
										SEE F.B. 1209-33 FOR DESC.
	4.588		157			5.461		146		
	4.431		154			5.315		144		
	4.277		311			5.171		290		
2	13.296	4.432		.465		15.947	5.316		.446	
	6.235		190			5.543		192		
	6.045		186			5.351		193		
	5.859		376			5.158		385		
3	18.139	6.046		.841		16.052	5.351		.831	
	7.067		201			6.559		210		
	6.866		199			6.349		210		
	6.667		400			6.139		410		
4	20.600	6.867		1.241		19.047	6.349		1.241	
		17.345					17.016			

F.B. 2406 P.G. 83

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE-[illegible] Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 4:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 030102
From B.M. 8-38 To B.M. 8-42
Date 7-25-56
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
	6.555	17.345	208	1.241		5.569	17.016	198	1.241	
	6.347		206			5.371		199		
	6.141		414			5.172		397		
5	19.043	6.348		1.655		16.112	5.[illegible]		1.638	
	6.502		195			4.867		200		
	6.307		196			4.667		196		
	6.111		391			4.471		396		
6	18.920	6.307		2.046		14.005	[illegible]		2.034	
	6.211		212			5.357		209		
	5.999		211			5.148		209		
	5.785		423			4.939		418		
7	17.998	5.999		2.469		15.444	[illegible]		2.452	
	6.238		207			5.703		207		
	6.031		210			5.496		208		
	5.821		417			5.288		415		
8	18.090	6.030		2.886		16.487	[illegible]		2.867	
	6.632		210			5.332		210		
	6.422		210			5.122		210		
	6.212		420			4.912		420		
9	19.266	6.422		3.306		15.366	5.[illegible]		3.287	
	48.451					42.[illegible]				

F.B. 2406 P.G. 84

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 BREEZE-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 4:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-38 To B.M. 8-42
Date 7-25-56
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
	7.092	48.451	204	3.306		5.339	42.821	212	3.287	
	6.888		205			5.127		209		
	6.683		409			4.918		421		
10	20.663	6.888		3.715		15.384	5.128		3.708	
	6.271		143			5.023		155		+ 61.466
	6.128		146			4.868		156		- 52.817
	5.982		289			4.712		311		+ 8.649
11	18.381	6.127		4.004		14.603	4.868		4.019	
	5.867	61.466	205			5.243	52.817	211	4.004	B.M. 8-40 A
	5.662		203			5.032		210	8.023 = .52 MI	SPRING ST. & REDONDO AVE. N.W. COR.
	5.459		408			4.822		421		L.&T. IN S.E. COR OF CATCH BASIN.
12	16.988	5.663		4.412		15.097	5.032		4.240	PAINTED "B.M. ELEV. 35.62"
	6.389		217			4.975		213		
	6.172		214			4.762		212		
	5.958		431			4.550		425		
13	18.519	6.173		4.843		14.287	4.762		4.865	
	6.491		214			3.958		211		
	6.277		210			3.747		208		
	6.067		424			3.539		419		
14	18.835	6.278		5.267		11.244	3.748		5.284	
		18.114					13.542			

F.B. 2406 P.G. 85

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 BREEZE Inst. No 50010
Notes by G. E. DREIER Time 2:00 TO 3:[illegible] Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-38 To B.M. 8-42
Date 7-25-56
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
	7.131	18.114	204	5.267		4.797	[illegible]	214	5.284	
	6.927		204			4.583		211		
	6.723		408			4.372		425		
15	20.781	6.927		5.675		13.742	4.584		5.709	
	6.555		216			5.335		204		
	6.339		212			5.131		204		
	6.127		428			4.927		408		
16	19.021	6.340		6.103		15.393	5.131		6.117	
	7.397		208			5.695		212		
	7.189		207			5.483		210		
	6.982		415			5.273		422		
17	21.568	7.189		6.518		16.451	5.484		6.539	
	6.839		208			5.588		211		
	6.631		212			5.377		210		
	6.419		420			5.167		421		
18	19.889	6.630		6.938		16.132	5.377		6.960	
	6.575		257			6.179		242		+51.519
	6.318		254			5.937		242		-40.055
	6.064		511			5.695		484		+11.464
19	18.957	6.319		7.449		17.811	5.937		7.444	
		51.519					40.055			

F.B. 2406 P.G. 86

1928 120 120 L.A.CO.

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 8:45 to 9:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-38 To B.M. 8-42
Date 7-26-56
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
				7.449					7.444	B.M. SPRING ST. & TEMPLE AVE., N.W. COR., BRASS CAP MON. STAMPED "M.L.CO. 120/20 1928" 30' N.
					76°					
	8158		211			4771		203		OF & ANGLE POINT IN HAND
	7947		211			4568		205		HOLE WITH CITY L.B. COVER
	7736		422			4363		408		
20	23841	7.947		7.871		13702	4.567		7.852	
	6615		203			4987		209		π G.E. DREIER
	6408		206			4778		206		
	6202		409			4572		415		
21	19225	6.408		8.280		14337	4.779		8.267	
	6752		214			5064		206		
	6538		216			4858		202		
	6322		430			4656		408		
22	19612	6.537		8.710		14578	4.859		8.675	
	6515		213			4479		210		
	6302		209			4269		208		
	6093		422			4061		418		
23	18910	6.303		9.132		12809	4.270		9.093	
		27.195					18.475			

F.B. 2406 P.G. 87

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by J. A. MOODY Time 8:45 AM Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From BM 8-38 To BM 8-42
Date 7-26-56
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
	6963	27.195	209	9132		3704	18.275	211	9093	
	6754		207			3493		209		
	6547		416			3284		420		
24	20264	6.755		9548		10481	3.494		9513	
	7010		212			3828		209		
	6798		210			3619		209		
	6588		422			3410		418		
25	20396	6.799		9970		10857	3.619		9931	
	7835		208			3869		210		
	7627		210			3659		210		
	7417		418			3449		420		
26	22879	7.626		10388		10977	3.659		10351	
	7759		209			3818		210		
	7550		211			3608		209		
	7339		420			3399		419		
27	22648	7.549		10808		10825	3.608		10770	
	7502		205			2743		207		
	7297		206			2536		208		
	7091		411			2328		415		
28	21890	7.297		11219		7607	2.536		11185	
		63.221					35.221			

F.B. 2406 P.G. 88

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No 50910
Notes by J. A. Moody Time 8:45 to 9:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 23.0.1.02
From BM 8-38 To BM 8-42
Date 7-26-56
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
	6968	63.221	164	11.219		5458	35.391	067	11.185	+70.125
	6904		163			5391		068		-40.782
	6841		327			5323		135		+29.343
29	20713	6.904		11.546		16172	5391		11.320	
		70.125					40.782			BM 8-41 (W.S. 2762) CITY OF L.B. CHERRY AVE & SPRING ST. SEE F.B. 1209-35 FOR DESC
	6218		092			2916		088		BM 8-42 (W.S. 3950, W-776 1943) SPRING ST. & CHERRY AVE. SEE F.B. 1209-35 FOR DESC.
	6126		093			2828		088		
	6033		185			2740		170		
30	18377	6.126		11.731		8484	2.828		11.496	+6.126
										-2.828
										+3.298
						SUMMATION OF RUN				
					DIFF	IN ELEV. BM 8-38 TO				B.M. 8-39 +0.402
					"	" " "				8-39 TO L. & T. AT REDONDO +8.649
					"	" " "				L. & T. AT REDONDO TO MON. AT TEMPLE +11.464
					"	" " "				MON. AT TEMPLE TO B.M. 8-41 +29.343
					"	" " "				8-41 TO B.M. 8-42 +3.298
										+53.156

F.B. 2406 P.G. 59

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No.

Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET

Job No.

From To

Date

Indexed

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

F.B. 2406 P.G. 90

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 9:40 to 11:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-42 To BM 8-38
Date 7-26-56
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
	2862		089		#11	6166		091		BM 8-42 (US 3950, W-776 1945) CHERRY AVE SPRING ST. SEE F.B. 1209-35 FOR DESC.
	2773		087			6075		091		
	2686		176'			5984		182'		
1	8321'	2.774'		.176'	84°	18225'	6.075'		.182'	
										BM 8-41 (U.S. 2762) (CITY L.B.) CHERRY AVE & SPRING ST SEE F.B. 1209-35 FOR DESC.
	5639		064			7154		067		+2.774' -6.075' -3.301' G.E. DREIER
	5575		063			7087		067		
	5512		127'			7020		134'		
2	16726'	5.575'		.303'		21261'	7.087'		.316'	
	2789		209			7547		207		
	2580		208			7340		205		
	2372		417'			7135		412'		
3	7741'	2.580'		.720'		22022'	7.341'		.728'	
	3799		209			7740		209		
	3590		208			7531		213		
	3382		417'			7318		422'		
4	10771'	3.590'		1.137'		22589'	7.530'		1.150'	
		11.745					21.958			

F.B. 2406 P.G. 91

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 9:40 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-42 To BM 8-32
Date 7-26-56
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
	3862	11.745	210	1.137		7829	21.458	209	1.150	
	3652		209			7620		209		
	3443		419			7411		418		
5	10.957	3.652		1.556		22.860	7.620		1.568	
	3906		209			7085		212		
	3697		207			6873		209		
	3490		416			6664		421		
6	11.093	3.698		1.972		20.622	6.874		1.989	
	3628		211			6882		209		
	3417		208			6673		209		
	3209		419			6464		418		
7	10.254	3.418		2.391		20.019	6.673		2.407	
	4453		211			6490		212		
	4242		210			6278		212		
	4032		421			6066		424		
8	12.727	4.242		2.812		18.834	6.278		2.831	
	5085		205			6779		219		
	4880		203			6560		219		
	4677		408			6341		438		
9	14.642	4.881		3.220		19.680	6.560		3.269	
		31.636					55.63			

F.B. 2406 P.G. 92

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G.E. DREIER Time 9:40 TO 11:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-42 To B.M. 8-38
Date 7-26-56
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
	4.922	31.636	215	3220		6.532	55.963	195	3269	
	4.707		216			6.337		196		
	4.491		431			6.141		391		
10	14.120	4.707		3.651		19.010	6.337		3.660	
	4.735		203			8.128		215		+40.875
	4.532		204			7.913		214		-70.213
	4.328		407			7.699		429		-29.338
11	13.595	4.532		4.058		23.740	7.913		4.089	
		40.875					70.213			B.M. SPRING ST. & TEMPLE AVE., N.W. COR., BRASS CAP MON STAMPED "M.L.CO. 20/20 1928" 30 FT
	6.402		245			6.802		254		N. OF ℄ ANGLE POINT, IN HAND HOLE WITH CITY L.B. COVER
	6.157		246			6.548		251		
	5.911		491			6.297		505		
12	18.470	6.157		4.549		19.647	6.549		4.594	
	5.745		206			7.011		216		
	5.539		207			6.795		216		
	5.332		413			6.579		432		
13	16.616	5.539		4.762		20.385	6.795		5.026	
		11.696					13.344			

E.B. 2406 P.G. 93

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:40 to 11:45 Rod No. 11 912

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-42 To B.M. 8-38
Date 7-26-56
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
	5.979	11.696	211	4.962		7.692	[illegible]	214	5.026	
	5.768		210			7.478		211		
	5.558		421			7.267		425		
14	17.305	5.768		5.383		22.437	[illegible]		5.451	
	5.205		200			6.431		216		
	5.005		200			6.215		216		
	4.805		400			5.999		432		
15	15.015	5.005		5.783		18.645	6.215		5.883	
	4.839		208			7.174		206		
	4.631		212			6.968		205		
	4.419		420			6.763		411		
16	13.889	4.630		6.203		20.905	[illegible]		6.294	
	3.941		210			6.471		212		
	3.731		210			6.259		208		
	3.521		420			6.051		420		
17	11.193	3.731		6.623		18.781	[illegible]		6.714	
	5.059		228			6.439		200		
	4.831		226			6.239		200		
	4.605		454			6.039		400		
18	14.495	4.832		7.077		18.717	[illegible]		7.114	
		35.662					46.[illegible]			

F.B. 2406 P.G. 94

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 9.40 TO 11:45 Rod No. 11812

Name I. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-42 To B.M. 8-38
Date 7-26-56
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
	5208	35.662	220	7.077		5.818	46.505	199	7.114	
	4.988		217			5.619		196		
	4.771		437			5.423		395		
19	14.967	4.989		7.514		16.860	5.620		7.509	
		40.651					52.125			
										B.M. 8-40 A SPRING ST. & REDONDO AVE., N.W. COR., L.& T. IN S.E. COR. OF CATCH BASIN PAINTED "B.M."
	5157		158			6.401		146		
	4.999		156			6.255		146		
	4.843		314			6.109		292		
20	14.999	5.000		7.828		18.765	6.255		7.801	
	5381		205			7.150		212		
	5.176		206			6.938		210		
	4.970		411			6.728		422		
21	15.527	5.176		8.239		20.816	6.939		8.223	
	5.331		212			6.631		212		
	5.119		208			6.419		211		
	4.911		420			6.208		423		
22	15.361	5.120		8.659		19.258	6.419		8.646	
		15.296					19.613			

+40.651
-52.125
-11.474

F.B. 2406 P.G. 25

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:40 TO 11:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-42 To B.M. 8-38
Date 7-26-56
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
	5.532	15.296	210	8.659		6.068	17.613	210	8.646	
	5.322		209			5.858		207		
	5.113		419			5.651		417		
23	15.967	5.322		9.078		17.577	5.859		9.063	
	5200		208			6.052		214		
	4.992		206			5.838		212		
	4.786		414			5.626		426		
24	14.978	4.993		9.492		17.516	5.539		9.489	
	5245		197			6.895		204		
	5.048		196			6.691		200		
	4.852		393			6.491		404		
25	15.145	5.048		9.885		19.077	6.602		9.893	
	5.787		202			6768		209		
	5.585		200			6.559		206		
	5.385		402			6.353		415		
26	16.757	5.586		10.287		19.680	6.560		10.308	
	6172		209			6679		200		
	5.963		205			6.479		200		
	5.758		414			6.279		400		
27	17.893	5.964		10.701		19.437	6.479		10.708	
		42.209					51.142			

F.B. 2406 PG. 96

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 Inst. No. 50010
Notes by G. E. DREIER Time 9:40 TO 11:45 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 8-42 To B.M. 8-38
Date 7-26-56
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
	5.771	42.209	192	10.701		6.477	51.042	195	10.708	
	5.579		190			6.282		194		
	5.389		382			6.088		389		
28	16.759	5.580		11.083		18.847	6.282		11.097	
	5.496		151			4.613		151		+ 53.134
	5.345		150			4.462		151		- 61.786
	5.195		301			4.311		302		- 8.652
29	16.036	5.345		11.384		13.386	4.462		11.399	
		53.134					61.786			B.M. 8-39 (U.S. 3953 H-780 1946) SPRING ST. & LAKEWOOD BLVD. SEE F.B. 1209-33 FOR DESC.
										+ 4.692
										- 5.092
										- 0.400
	4.771		079			5.166		074		
	4.692		080			5.092		073		B.M. 8-38 (CLEARWATER G-11)
	4.612		159			5.019		147		SPRING ST. & LAKEWOOD BLVD.
30	14.075	4.692		11.543		15.277	5.092		11.546	SEE F.B. 1209-33 FOR DESC.
										SEE NEXT PAGE FO SUMMATION

F.B. 2406 P.G. 97

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A. Co. PRECISE LEVELING
Job No. 0301.02
From B.M. 8-42 To B.M. 8-38
Date 7-26-56
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
						SUMMATION OF RUN				
			DIFF. IN	ELEVATION		B.M. 8-42 TO B.M. 8-41				- 3.301 V
			"	"		" B.M. 8-41 TO MON. AT TEMPLE AVE				- 29.338 V
			"	"		" MON. TEMPLE TO L.&T. AT REDONDO AVE				- 11.474 V
			"	"		" L.&T. AT REDONDO AVE TO B.M. 8-39				- 8.652 V
			"	"		" B.M. 8-39 TO B.M. 8-38				- 0.400 V
										~~52.265~~
										53.165

F.B. 2406 P.G. 98

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 1100 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-42 To B.M. 8-44
Date 7-26-56
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
	1.656		184		#11	9.065		190		B.M. 8-42 (U.S. 3950, W-776, 1945)
	1.472		181			8.875		188		SPRING ST. & CHERRY AVE
	1.291		365			8.687		378		SEE F.B. 1209-35 FOR DESC
1	4.419	1.473		365		26.627	8.876		.378	
	1.542		195			10.022		194		
	1.347		196			9.828		192		
	1.151		391			9.636		386		T. J. MOODY
2	4.040	1.347		.756		29.486	9.829		.764	
	1.515		188			9.859		188		
	1.327		189			9.671		185		
	1.138		377			9.486		373		
3	3.980	1.327		1.133		29.016	9.672		1.137	
	3.873		191			6.324		191		
	3.682		189			6.133		190		
	3.493		380			5.943		381		
4	11.048	3.683		1.513		18.400	6.133		1.518	
	5.839		196			5.674		196		
	5.643		194			5.478		196		
	5.449		390			5.282		392		
5	16.931	5.644		1.903		16.434	5.478		1.910	
		13.474					39.988			

F.B. 2406 P.G. 99

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 - [illegible] Inst. No. 5 0010
Notes by G. E. DREIER Time 1:00 TO 2:15 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-42 To B.M. 8-44
Date 7-26-56
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
	7.175	13.474	193	1.903		3.497	[illegible]	195	1.910	
	6.982		191			3.302		191		
	6.791		384			3.111		386		
6	20.948	6.983		2.287		9.910	[illegible]		2.296	
	6.072		196			5.603		194		
	5.876		193			5.409		192		
	5.683		389			5.217		386		
7	17.631	5.877		2.676		16.229	5.410		2.682	
	5.298		194			6.378		194		
	5.104		193			6.184		193		
	4.911		387			5.991		387		
8	15.313	5.104		3.063		18.553	6.184		3.069	
	4.579		206			6.377		195		
	4.373		202			6.182		193		
	4.171		408			5.989		388		
9	13.123	4.374		3.471		18.548	6.183		3.457	
	5.467		128			5.632		130		
	5.339		127			5.502		129		
	5.212		255			5.373		259		
	16.018	5.339		3.726		16.507	5.502		3.716	
		41.151					66.270			

F.B. 2406 PG 100

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-42 To B.M. 8-44
Date 7-26-56
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
	5.741	41.151	130	3.726		6.171	66.570	133	3.716	+46.762
	5.611		130			6.038		135		-72.607
	5.481		260			5.903		268		-25.845
11	16.833	5.611		3.986		18.112	6.037		3.984	
		46.762					72.607		3.986 7.970 =0.51mi	B.M. 8-43 (U.S. 3954)(C.L.B. 93) CHERRY AVE & WARDLOW RD. N.W. COR SEE F.B. 1209-36 +6.599 -1.853 +4.746
	6.775		176			2.029		177		
	6.599		177			1.852		173		B.M. 8-44 (U.S. H-98, 1932)
	6.422		353			1.679		350		CHERRY AVE & WARDLOW RD.
12	19.796	6.599		4.339		5.560	1.853		4.334	SEE F.B. 1209-36 FOR DESC.
										SUMMATION OF RUN
						DIFF IN ELEVATION				B.M. 8-42 TO B.M. 8-43 -25.845
						" "		"		B.M. 8-43 TO B.M. 8-44 +4.746

F.B. 2406 P.G. 101

76P526 S & E #379 1-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

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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 Inst. No.
Notes by G. E. DREIER Time Rod No.

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 2406 P.G. 102										

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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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 2:15 TO 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-44 To B.M. 8-42
Date 7-26-56
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
	2.018		175			6.763		176		B.M. 8-44 (U.S. H-98, 1932)
	1.843		174			6.587		176		CHERRY AVE & WARDLOW ST. S.W. COR.
	1.669		349			6.411		352		SEE F.B. 1209-36 FOR DESC
1	5.530	1.843		.349		19.761	6.587		.352	+ 1.843
										− 6.587
										− 4.744
										B.M. 8-43 (U.S. 3954)(CITY L.B. 93)
										CHERRY AVE. & WARDLOW ST N.W. COR
										SEE F.B. 1209-36 FOR DESC.
	6.148		135			5.715		131		
	6.013		131			5.584		130		
	5.882		266			5.454		261		T J. MOODY
2	18.043	6.014		.615		16.753	5.584		.613	
	5.691		130			5.529		130		
	5.561		129			5.399		127		
	5.432		259			5.272		257		
3	16.684	5.561		.874		16.200	5.400		.870	
	6.366		195			4.568		206		
	6.171		192			4.362		204		
	5.979		387			4.158		410		
4	18.516	6.172		1.261		13.088	4.363		1.280	
		17.747					15.347			

F.B. 2406 PG. 103

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 HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:15 TO 3:[illegible] Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-44 To B.M. 8-42
Date 7-26-56
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
	6.305	17.747	193	1.261		5.231	15.347	198	1.280	
	6.112		193			5.033		194		
	5.919		386			4.839		392		
5	18.336	6.112		1.647		15.103	5.034		1.672	
	5.551		193			6.018		195		
	5.358		195			5.823		192		
	5.163		388			5.631		387		
6	16.072	5.357		2.035		17.472	5.824		2.059	
	3.606		193			7.288		191		
	3.413		192			7.097		194		
	3.221		385			6.903		385		
7	10.240	3.413		2.420		21.288	[illegible]		2.444	
	5.701		194			5.871		198		
	5.507		196			5.673		194		
	5.311		390			5.479		392		
8	16.519	5.506		2.810		17.023	[illegible]		2.836	
	6.303		191			3.852		193		
	6.112		189			3.659		190		
	5.923		380			3.469		383		
9	18.338	6.113		3.190		10.980	[illegible]		3.219	
		44.248					45.635			

F.B. 2406 P.G. 104

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 HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:15 TO 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-44 To B.M. 8-42
Date 7-26-56
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
	10.133	44.248	189	3.190		1.792	42.635	189	3.219	
	9.944		185			1.603		187		
	9.759		374			1.416		376		
10	29.836	9.945		3.564		4.811	1.604		3.595	
	10.067		195			1.581		198		+ 73.036
	9.872		193			1.383		194		- 47.190
	9.679		388			1.189		392		+ 25.846
11	29.618	9.873		3.952		4.153	1.384		3.987	
	9.163		194			1.742		175		
	8.969		191			1.567		176		B.M. 8-42 (U.S. 3950, W-776, 1945)
	8.778		385			1.391		351		SPRING ST. & CHERRY AVE
12	26.910	8.970		4.337		4.700	1.567		4.338	SEE F.B. 1209-35
		73.036					47.190			
										SUMMATION OF RUN
						DIFF IN ELEVATION				B.M. 8-44 TO B.M. 8-43 - 4.744
						"	"	"		B.M. 8-43 TO B.M. 8-42 +25.846

F.B. 2406 P.G. 105

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 Inst. No.
Notes by G. E. DREIER Time Rod No.

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

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

F.B. 2406 P.G. 106

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 THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8:20 TO Rod No. 11 812

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 8-44 To B.M. 8-45
Date 7-27-56
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
	2.501		057		#11	5.897		052		B.M. 8-44 (U.S. H-98, 1932)
	2.444		054			5.845		052		CHERRY AVE & WARDLOW ST, S.W. COR.
	2.390		111			5.793		104		SEE F.B. 1209-36 FOR DESC.
1	7.335	2.445		.111		17.535	5.845		104	
	7.038		183			4.431		183		
	6.855		186			4.248		185		
	6.669		369			4.063		368		
2	20.562	6.854		.480		12.742	4.247		.472	
	6.585		192			4.459		188		T. J. MOODY
	6.393		194			4.271		190		
	6.199		386			4.081		378		
3	19.177	6.392		.866		12.811	4.270		.850	
	6.658		196			5.131		192		
	6.462		193			4.939		188		
	6.269		389			4.751		380		
4	19.389	6.463		1.255		14.821	4.940		1.230	
	7.151		190			3.920		192		
	6.961		188			3.728		192		
	6.773		378			3.536		384		
5	20.885	6.962		1.633		11.184	3.728		1.614	
		29.116					23.030			

F.B. 2406 P.G. 107

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVER[illegible] Inst. No. 5-0010
Notes by G. E. DREIER Time 8:20 70 Rod No. 11 #12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-44 To B.M. B.M. 8-45
Date 7-27-56
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
	6.147	29.116	196	1.633		4.972	[illegible]030	193	1.600	
	5.951		194			4.779		193		
	5.757		390			4.586		386		
6	17.855	5.952		2.023		14.337	[illegible]779		2.000	
	6.468		205			6.068		205		
	6.263		204			5.863		201		
	6.059		409			5.662		406		
7	18.790	6.263		2.432		17.593	[illegible]64		2.406	
	6.422		204			4.962		200		
	6.218		203			4.762		200		
	6.015		407			4.562		400		
8	18.655	6.218		2.839		14.286	[illegible]62		2.806	
	6.058		200			5.019		201		
	5.858		200			4.818		202		
	5.658		400			4.616		403		
9	17.574	5.858		3.239		14.453	[illegible]18		3.209	
	6.286		177			5.050		191		
	6.109		177			4.859		191		
	5.932		354			4.668		382		
10	18.327	6.109		3.593		14.577	4[illegible]59		3.591	
		59.516					4[illegible].112			

+59.516
-48.112
+11.404

F.B. 2406 P.G. 108

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 8:20 TO Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-44 To B.M. 8-45
Date 7-27-56
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
				3.593					3.591 3.593 7.184 =0.46mi	CITY L.B. B.M. NO. 87 WARDLOW RD. & ORANGE AVE., N.E. COR., CITY L.B. BRASS DISC IN HAND HOLE IN
	6.383 6.296 6.208		087 088 175			6.922 6.836 6.750		086 086 172		DRIVEWAY OF SERVICE STATION 31° FT. E. AND 50° FT. N. of ℄
11	18.887	6.296		3.768		20.508	6.836		3.763	B.M. 8-45
							6.296 0.540			WARDLOW RD. & ORANGE AVE SEE F.B. 1209-37 FOR DESC.
										SUMMATION OF RUN
				DIFF	IN ELEVATION			B.M. 8-44	TO L.B. No. 87	+11.404
					"	"	"	L.B. No. 87	TO BM. 8-45	-0.540
					"	"	"	B.M. 8-44	TO B.M. 8-45	+10.864

F.B. 2406 P.G. 109

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				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. 2406 P.G. 110

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 HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:40 TO 1:35 Rod No. 11 812

L. A. CO. PRECISE LEVEL NET
Name
Job No 0301.02
From B.M. 8-45 To B.M. 8-44
Date 7-27-56
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
	6.417		086		#11	5.875		087		B.M. 8-45
	6.331		088			5.788		089		WARDLOW RD. & ORANGE AVE.
	6.243		174			5.699		176		SEE F.B. 1209-37 FOR DESC.
1	18.991	6.330		.174	84°	17.362	5.787		.176	
										CITY L.B. B.M. No. 87
										WARDLOW RD. & ORANGE AVE, N.E. COR.
										CITY L.B BRASS DISC IN HAND HOLE
										IN DRIVEWAY OF SERVICE ST
	5.302		184			6.548		183		+6.330
	5.118		186			6.365		182		-5.787
	4.932		370			6.183		365		+.543
2	15.352	5.117		.544		19.096	6.365		.541	
	4.951		203			5.987		202		
	4.748		200			5.785		200		
	4.548		403			5.585		402		
3	14.247	4.749		.947		17.357	5.786		.943	
	4.947		204			6.411		205		
	4.743		200			6.206		203		
	4.543		404			6.003		408		
4	14.233	4.744		1.351		18.620	6.207		1.351	
		14.610					18.358			

F.B. 2406 P.G. 111

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 11:40 TO 1:35 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 8-45 To B.M. 8-44
Date 7-27-56
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
	5.992	4.610	203	1.351		6.391	18.358	206	1.351	
	5.789		201			6.185		203		
	5.588		404			5.982		409		
5	17.369	5.790		1.755		18.558	6.186		1.760	
	4.941		192			6.113		194		
	4.749		191			5.919		196		
	4.558		383			5.723		390		
6	14.248	4.749		2.138		17.755	5.918		2.150	
	4.079		195			7.311		190		
	3.884		192			7.121		188		
	3.692		387			6.933		378		
7	11.655	3.885		2.525		21.365	7.122		2.528	
	5.113		191			6.642		194		
	4.922		189			6.448		193		
	4.733		380			6.255		387		
8	14.768	4.923		2.905		19.345	6.448		2.915	
	4.438		193			6.559		191		
	4.245		189			6.368		190		
	4.056		382			6.178		381		
9	12.739	4.246		3.287		19.105	6.368		3.296	
		38.203					50.400			

F.B. 2406 P.G. 112

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE- Inst. No. 50010
Notes by G. E. DREIER Time 1:40 TO 1:35 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-45 To B.M. 8-44
Date 7-27-56
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
	4.521	38.203	185	3.287		7.131	50400	184	3.296	+48.337
	4.336		184			6.947		184		-59.745
	4.152		369			6.763		368		-11.408
10	13.009	4.336		3.656		20.841	6.947		3.664	
	5.850		052			2.452		054		
	5.798		051			2.398		055		B.M. 8-44 (U.S. H-98 1932)
	5.747		103			2.343		109		CHERRY AVE & WARDLOW RD.
11	17.395	5.798		3.759		7.193	2.398		3.773	SEE F.B. 1209-36 FOR DESC.
		48.337					59.745			

SUMMATION OF RUN

DIFF IN ELEV. B.M. 8-45 TO L.B. No. 87 + 0.543

DIFF IN ELEV. L.B. B.M. No. 87 TO B.M. 8-44 -11.408

" " " B.M. 8-45 TO B.M. 8-44 -10.865

F.B. 2406 P.G. 113

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 G. E. DREIER Time Rod No.

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 2406 P.G. 114										

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN HAZE Inst. No. 50010
Notes by J. A. MOODY Time 9.20 to 10.10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From BM 8-45 To BM 8-46
Date 7-27-56
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
	7787		169		#11	4660		162		BM 8-45
	7618		169			4498		161		WARD LOW RD. & ORANGE AVE
	7449		338			4337		323		SEE F.B. 1209-37 FOR DESC.
1	22854	7.618		.338	77°	13495	4.498		.323	
	6888		201			5658		199		
	6687		199			5459		199		
	6488		400			5260		398		⊼ G.E. DREIER
2	20063	6.688		.738		16377	5.459		.721	
	6212		201			4511		199		
	6011		200			4312		200		
	5811		401			4112		399		
3	18034	6.011		1.139		12935	4.312		1.120	
	7076		194			4953		199		
	6882		191			4754		195		
	6691		385			4559		394		
4	20649	6.883		1.524		14266	4.755		1.514	
	6818		200			4035		190		
	6618		200			3845		190		
	6418	222	400			3655		380		
5	19854	6.618		1.924		11535	3.845		1.894	
		33818					22869			

F.B. 2406 P.G. 115

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE [illegible] Inst. No. 50010
Notes by J. A. MOODY Time 9.20 to 10.30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-45 To BM 8-46
Date 7-27-56
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
	7448	33.818	195	1924		4294	[illegible]69	197	1894	
	7253		194			4097		197		
	7059		389			3900		394		
6	21760	7.253		2313		12291	[illegible]97		2288	
	6713		198			5043		198		
	6515		196			4845		198		
	6319		394			4647		396		
7	19547	6.516		2707		14535	[illegible]45		2684	
	7331		195			5295		196		
	7136		197			5101		193		
	6939		392			4908		389		SUMMATION OF RUN
8	21406	7.135		3099		15304	5101		3073	B.M. 8-45 TO B.M. 8-46
	6023		195			4758		199		TOTAL BACKSIGHTS +65.564
	5828		196			4559		198		TOTAL FORESIGHTS -47.530
	5632		391			4361		397		DIFF IN ELEVATION +18.034
9	17483	5.828		3490		13678	[illegible]59		3470	
	5220		207			6272		213		BM 8-46
	5013		205			6059		212		ATLANTIC AVE. & WARDLOW RD
	4808		412			5847		425		SEE F.B. 1209-38 FOR DESC.
10	15041	5.014		3902		18178	6.059		3895	
		65.564					47.530		3902	
									7.797	
									= 0.50 mi.	

F.B. 2406 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 HAZE SUN Inst. No. 50010
Notes by J. A. MOODY Time 10:50 to 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-46 To BM 8-45
Date 7-27-56
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
	6544		213			5490		207		BM 8-46
	6331		212			5283		205		ATLANTIC AVE & WARDLOW RD.
	6119		425			5078		412		SEE F.B. 1209-38
1	18994	6.331		425		15851	5.284		412	
	4731		200			5996		196		
	4531		200			5800		196		⊼ G.E.DREIER
	4331		400			5604		392		
2	13593	4.531		.825		17400	5.800		.804	
	5183		195			7217		196		
	4988		194			7021		194		
	4794		389			6827		390		
3	14965	4.988		1.214		21065	7.022		1.194	
	4997		198			6669		197		
	4799		196			6472		200		
	4603		394			6272		397		
4	14399	4.800		1.608		19413	6.471		1.591	
	4336		198			7490		195		
	4138		195			7295		194		
	3943		393			7101		389		
5	12417	4.139		2.001		21886	7.295		1.980	
		24.789					31.872			

F.B. 2406 P.G. 117

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 10:40 to 11:45 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NB
Job No. 030102
From BM 8-46 To BM 8-45
Date 7-27-56
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
	3703	24.789	193	2.001		6479	32.72	199	1.980	
	3510		193			6280		199		
	3317		386			6081		398		
6	10530	3.510		2.387		18840	62.80		1.378	
	5057		199			7182		192		
	4858		198			6990		192		
	4660		397			6798		384		
7	14575	4.858		2.784		20970	69.90		2.762	SUMMATION OF RUN
	4336		198			6037		200		B.m. 8-46 TO B.m. 8-45
	4138		200			5837		199		TOTAL BACKSIGHTS + 47.142
	3938		398			5638		399		TOTAL FORESIGHTS - 65.176
8	12414	4.138		3.182		17512	58.37		3.161	DIFF IN ELEV - 18.034
	5617		198			6855		202		
	5419		196			6653		201		
	5223		394			6452		403		
9	16259	5.420		3.576		19960	66.53		3.564	
	4587		160			7716		172		BM 8-45
	4427		160			7544		171		WARDLOW RD. & ORANGE AVE
	4267		320			7373		343		SEE F.B. 1209-37- FOR DESC.
10	13281	4.427		3.896		22633	75.44		3.967	
		47.142					65.176			

F.B. 406 P.G. 118

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 10:10 TO 10:30 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 8-46 To B.M. 8-47
Date 7-27-56
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
	6900		210			5161		197		BM 8-46
	6690		210			4964		196		ATLANTIC AVE & WARDLOW RD.
	6480		420			4768		393		SEE F.B. 1209-38 FOR DESC.
1	20.070	6.690		420		14.893	4.964		393	
	6628		200			5173		195		
	6.428		200			4978		196		
	6.228		400			4.782		391		
2	19.284	6.428		.820		14.933	4.978		.784	
	6.814		196			7.178		196		
	6.618		199			6.982		194		
	6.419		395			6.788		390		SUMMATION OF RUN
3	19.851	6.617		1.215		20.948	6.983		1.174	B.M. 8-46 TO B.M. 8-47
	5.605		206			6.381		200		TOTAL BACKSIGHTS + 30.388
	5.399		204			6.181		198		TOTAL FORESIGHTS − 29.523
	5.195		410			5.983		498		DIFF IN ELEVATION + 0.865
4	16.199	5.400		1.625		18.545	6.182		1.672	
	5422		170			6601		184		
	5252		166			6417		186		B.M. 8-47
	5086		336			6231		370		WARDLOW BLVD. & LONG BEACH BLVD
5	15.766	5.253		1.961		19.249	6.416		2.042	SEE F.B. 1209-39 FOR DESC
		30.388					29.523		1.961 4.003 = 0.26 mi.	

F.B. 2406 P.G. 119

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 10:30 TO 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-47 To B.M. 8-46
Date 7-27-56
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
6.593	6.593		185		#11	5.413		166		B.M. 8-47 (CLEARWATER B-10)
6.408	6.408		184			5.247		169		WARDLOW RD. & LONG BEACH BLVD.
6.224	6.224		369			5.078		337		SEE F.B. 1209-39 FOR DESC.
1	19.225	6.408		369		15.738	5.246		337	
	6.362		200			5.583		206		
	6.162		198			5.383		205		
	5.964		398			5.178		411		↑ J. MOODY
2	18.488	6.163		767		16.150	5.383		748	
	7.198		196			6.833		196		
	7.002		192			6.637		198		
	6.810		388			6.439		394		SUMMATION OF RUN
3	21.010	7.003		1155		19.909	6.636		1142	B.M. 8-47 TO B.M. 8-46
	5.203		198			6.657		200		TOTAL BACKSIGHTS +29.347
	5.005		197			6.457		198		TOTAL FORESIGHTS -30.218
	4.808		395			6.259		398		DIFF IN ELEVATION -0.871
4	15.016	5.005		1540		19.373	6.458		1540	
	4.976		208			6.697		201		
	4.768		209			6.496		204		B.M. 8-46
	4.559		417			6.292		405		WARDLOW RD. & ATLANTIC AVE
5	14.303	4.768		1957		19.485	6.495		1945	SEE F.B. 1209-38 FOR DESC.
		29.347					30.218			

F.B. 2406 P.G. 120

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 C. E. DREIER Time 2:15 TO 3:30 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-47 To B.M. 8-48
Date 7-27-56
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
	5.488		216		#11	5.728		197		B.M. 8-47 (CLEARWATER B-10 1940)
	5.272		214			5.531		195		WARDLOW RD. & LONG BEACH BLVD.
	5.058		430			5.336		392		SEE F.B. 1209 - 39 FOR DESC
1	15.818	5.273		.430	82°	16.595	5.532		392	
	5.287		195			6.592		200		
	5.087		195			6.392		200		
	5.892		390			6.192		400		⊼ J. MOODY
2	16.261	5.087		1.820		19.176	6.392		.792	
	5.592		195			5.777		199		
	5.397		198			5.578		197		
	5.199		393			5.381		396		
3	16.188	5.396		1.213		16.736	5.579		1.188	
	5.271		203			5.547		196		
	5.068		201			5.351		194		
	4.867		404			5.157		390		
4	15.206	5.069		1.617		16.055	5.352		1.578	
	5.072		200			4.073		195		
	4.872		200			3.878		194		
	4.672		400			3.684		389		
5	14.616	4.872		2.017		11.635	3.878		1.967	
		25.697					26.733			

F.B. 2406 P.G. 121

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 2:15 TO 3:3[illegible] Rod No. 11 612

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-47 To B.M. 8-48
Date 7-27-56
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
	6.999	25.697	192	2.017		4.419	26.733	202	1.967	
	6.807		190			4.217		204		
	6.617		382			4.013		406		
6	20.417	6.806		2.399		12.649	4.216		2.373	
	7.785		197			3.568		205		
	7.588		194			3.363		201		
	7.394		391			3.162		406		
7	22.767	7.589		2.790		10.093	3.364		2.779	
	7.471		198			3.068		209		
	7.273		195			2.859		207		
	7.078		393			2.652		416		
8	21.822	7.274		3.183		8.579	2.860		3.195	
	7.848		200			3.359		194		
	7.648		197			3.165		194		
	7.451		397			2.971		388		
9	22.947	7.649		3.580		9.595	3.165		3.583	
	7.411		196			3.642		200		
	7.215		194			3.442		200		
	7.021		390			3.242		400		
10	21.647	7.216		3.970		10.326	3.442		3.983	
		62.231					20.780			

F.B. 2406 P.G. 122

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 2:15 TO 3:30 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 8-47 To B.M. 8-48
Date 7-27-56
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
	6.878	62.231	200	3.970		4.498	43.780	200	3.983	
	6.678		197			4.298		199		
	6.481		397			4.099		399		
11	20.037	6.679		4.367		12.895	4.298		4.382	
	6.580		195			4.871		192		
	6.385		194			4.679		188		
	6.191		389			4.491		380		
12	19.156	6.385		4.756		14.041	4.680		4.762	
	6.071		134			6.180		139		
	5.937		135			6.041		138		B.M. 8-48 (CLEARWATER B-9)
	5.802		269			5.903		277		LONG BEACH BLVD. & ROOSEVELT RD.
13	17.810	5.937		5.025		18.124	6.041		5.039	SEE F.B. 1209-40 FOR DESC.
		81.232					58.799		5.025 10.064 =0.65 mi.	
										SUMMATION OF RUN B.M. 8-47 TO B.M. 8-48 TOTAL BACKSIGHTS +81.232 TOTAL FORESIGHTS - 58.799 DIFF IN ELEVATION +22.433

F.B. 2406 PG. 123

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-48 To B.M. 8-47
Date 7-30-56
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
	5.942		140		#11	5.831		136		B.M. 8-48 (CLEARWATER B-9 1940)
	5.802		138			5.695		133		LONG BEACH BLVD. ±230' N. of ROOSEVELT RD.
	5.664		278			5.562		269		SEE F.B. 1209-40 FOR DESC.
1	17.408	5.803		.278	80°	17.088	5.696		.269	
	4.667		190			6.379		196		
	4.477		192			6.183		193		
	4.285		382			5.990		389		
2	13.429	4.476		.660		18.552	6.184		.658	T. J. MOODY
	4.417		195			6.807		208		
	4.222		191			6.599		207		
	4.031		386			6.392		415		
3	12.670	4.223		1.046		19.798	6.599		1.073	
	3.672		204			7.432		190		
	3.468		205			7.242		188		
	3.263		409			7.054		378		
4	10.403	3.468		1.455		21.728	7.243		1.451	
	3.333		192			7.817		199		
	3.141		193			7.618		197		
	2.948		384			7.421		396		
5	9.422	3.141		1.840		22.856	7.619		1.847	
		21.111					33.741			

F.B. 2406 P.G. 124

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 BREEZE-HAZE Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:10 Rod No. 11812

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-48 To B.M. 8-47
Date 7-30-56
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
	3.008	21.111	210	1.840		7.417	33.341	199	1.847	
	2.798		206			7.218		196		
	2.592		416			7.022		395		
6	8.398	2.799		2.256		21.657	7.219		2.242	
	3.575		203			7.788		196		
	3.372		200			7.592		193		
	3.172		403			7.399		389		
7	10.119	3.373		2.659		22.779	7.593		2.631	
	4.613		196			7.212		208		
	4.417		198			7.012		199		
	4.219		394			6.813		399		
8	13.249	4.416		3.053		21.037	7.012		3.030	
	3.852		197			4.848		200		
	3.657		195			4.648		200		
	3.462		392			4.448		400		
9	10.971	3.657		3.445		13.944	4.648		3.430	
	5.618		195			5.352		201		
	5.423		194			5.151		203		
	5.229		389			4.948		404		
10	16.270	5.423		3.834		15.451	5.150		3.834	
		40.779					64.963			

F.B. 2406 P.G. 125

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

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-48 To B.M. 8-47
Date 7-30-56
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
	5.838	4.779	200	3.834		5.648	4.963	197	3.834	
	5.638		197			5.451		197		
	5.441		397			5.254		394		
11	16.917	5.639		4.231		16.353	5.451		4.228	
	6.559		201			5.256		197		
	6.358		201			5.059		194		
	6.157		402			4.865		391		
12	19.074	6.358		4.633		15.180	5.060		4.619	
	5.949		200			5.699		211		
	5.749		201			5.488		210		
	5.548		401			5.278		421		
13	17.246	5.749		5.034		16.465	5.488		5.040	B.M. 8-47 (CLEARWATER B-10 1948) LONG BEACH BLVD. & WARDLOW RD. SEE F.B. 1209-39 FOR DESC
		58.525					80.962			
										SUMMATION OF RUN B.M. 8-48 TO B.M. 8-47
										TOTAL BACKSIGHTS +58.525
										TOTAL FORESIGHTS -80.962
										DIFF IN ELEVATION -22.437

F.B. 2406 PG. 126

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 8.00 to 9.00 Rod No. 11 & 12

Name A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 8-48 To BM 8-51
Date 7-30-56
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
	5.223		150			4.937		179		BM 8-48 (CLEARWATER B-9 1940)
	5.073		151			4.758		177		LONG BEACH BLVD. & ROOSEVELT RD.
1	4.922		301			4.581		356		SEE F.B. 1209-40 FOR DESC.
	15.218	5.073		.301		14.276	4.758		.356	
	2.820		203			6.948		198		T.P. TOP OF FIRE PLUG
	2.617		205			6.750		197		
	2.412		408			6.553		395		
2.	7.849	2.616		.709		20.251	6.750		.751	⊼ G.E. DREIER
	4.377		218			5.983		216		
	4.159		217			5.767		215		
	3.942		435			5.552		431		
3.	12.478	4.159		1.144		17.302	5.767		1.182	
	5.379		211			5.350		217		
	5.168		215			5.133		215		
	4.953		426			4.918		432		
4.	15.500	5.167		1.570		15.401	5.134		1.614	
	6.307		212			5.433		224		
	5.795		212			5.209		221		
	5.583		424			4.988		445		
5.	17.385	5.795		1.994		15.630	5.210		2.059	
		22.810					27.619			

F.B. 2406 PG. 127

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 8.00 to 9.00 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 8-48 To BM 8-51
Date 7-30-56
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
	6059	22.810	217	1.994		5299	27.619	216	2.059	
	5842		213			5083		212		
	5629		430			4871		428		
6	17.530	5.843		2.424		15.253	5.084		2.487	
	5319		222			6171		204		
	5097		222			5967		205		
	4875		444			5762		409		
7	15.291	5.097		2.868		17.900	5.967		2.896	
	4881		234			7851		230		+ 38.397
	4647		234			7621		229		− 46.291
	4413		468			7392		459		− 7.894
8	13.941	4.647		3.336		22.864	7.621		3.355	
		38.397					8.291		3.336	BM 8-49
									0.621	LONG BEACH BLVD. & SAN ANTIONIO DR
									0.438	SEE F.B. 1209-41 FOR DESC.
	5520		213			7190		218		
	5307		214			6972		214		
	5093		427			6758		432		
9	15.920	5.307		3.763		20.920	6.973		3.787	

F.B. 2406 P.G. 128

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 8:00 to 9:00 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 8-48 To BM 8-51
Date 7-30-56
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
	3944	5.307	272	3.763		7142	6.973	279	3.787	+8.979
	3672		272			6863		275		-13.837
	3400		544			6588		554		-4.858
10	11.016	3.672		4.307		20.593	6.864		4.341	
		8.979					13.837			BM 8-50 U.S. 4563 (A-780) 1946 0.2 miles N. of Long Beach Blvd. SEE F.B. 1209-42 for DESC.
	4701		213			6470		218		
	4488		216			6252		219		
	4272		429			6033		437		
11.	13.461	4.487		4.736		18.755	6.252		4.778	
	4041		258			7650		230		+8.271
	3783		256			7420		231		-13.672
	3527		514			7189		461		-5.401
12.	11.351	3.784		5.250		22.259	7.420		5.239	
		8.271					13.672			BM 8-51 (Clearwater B8 1940) Long Beach Blvd. & 44th St. SEE F.B. 1209- FOR DESC.

F.B. 2406 P.G. 129

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 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-51 To B.M. 8-48
Date 7-30-56
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
	7768		238		#11	4157		251		B.M. 8-51 CLEARWATER B-8, 19
	7530		237			3906		252		LONG BEACH BLVD. & 200' N. OF 44th ST.
	7293		475			3654		503		SEE F.B. 1209-43 FOR DESC.
1	22591	7.530		.475	80°	11717	3.906		.503	
	6436		223			4663		191		+13.743
	6213		222			4452		190		- 8.358
	5991		445			4242		381		+ 5.385
2	18640	6.213		.920		13357	4.452		.884	T G.E. DREIER
		13.743					8.358			
										B.M. 8-50 U.S. 4563 (A-780) 1946
										0.2 MI. N. OF LONG BEACH BLVD.
										SEE F.B. 1209-42 FOR DESC.
	7350		278			4139		270		
	7072		274			3869		269		+14.303
	6798		552			3600		539		- 9.441
3	21220	7.073		.1472		11608	3.869		.1423	+ 5.862
	7438		208			5797		226		B.M. 8-49 CLEARWATER B-8A
	7230		207			5571		222		LONG BEACH BLVD & SAN ANTONIO DR
	7023		415			5349		448		SEE 1209-41 FOR DESC.
4	21691	7.230		.1887		16717	5.572		.1871	
		14.303					9.441			

F.B. 2406 P.G. 130

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 12:00 to 1:00 Rod No. 11 & 12

Name PRECISE LEVEL NET
Job No. 03.01.02
From BM 8-51 To BM 8-48
Date 7-30-56
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
	7831		229	1887		4861		233	1871	
	7602		229			4628		235		
	7373		458			4393		468		
5	22806	7.602		2345		13882	4.627		2339	
	6237		214			5372		215		
	6023		210			5157		215		
	5813		424			4942		430		
6	18073	6.024		2769		15471	5.157		2769	
	5292		214			6058		217		
	5078		214			5841		213		
	4864		428			5628		430		
7	15234	5.078		3.197		17527	5.842		3199	
	5333		222			5911		213		
	5111		222			5698		211		
	4889		444			5487		424		
8	15333	5.111		3.641		17096	5.699		3623	
	5403		216			5432		215		
	5187		215			5217		215		
	4972		431			5002		430		
9	15562	5.187		4.072		15651	5.217		4053	
		29.002					26.542			

F.B. 2406 P.G. 131

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 Inst. No 50010
Notes by J.A. MOORY Time 12:00 TO 1:00 Rod No. 11

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-51 To BM 8-48
Date 7-30-56
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
	6175	29.002	217	4.072		4573	26.842	216	4.053	
	5958		216			4357		215		
	5742		433			4142		431		
10	17.875	5.958		4.505		13.072	4.357		4.484	
	6972		196			2839		202		+ 46.514
	6776		199			2637		204		− 38.623
	6577		395			2433		406		+ 7.891
11	20.325	6.775		4.900		7.909	2.636		4.890	
	4942		163			5257		159		BM 8-48 CLEARWATER B-9
	4779		162			5098		159		LONG BEACH BL. & ROOSEVELT RD
	4617		323			4939		318		SEE F.B. 1209-40 FOR DESC.
12	14.338	4.779		5.223		15.294	5.098		5.208	
		46.514					38.623			

F.B. 2406 P.G. 132

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 12:45 TO 1:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-49 To B.M. 8-51
Date 8-9-56
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
	5.779		207		#	7.313		198		B.M. 8-49 (CLEARWATER B-8A 1940)
	5.572		211			7.115		196		LONG BEACH BLVD. & SAN ANTONIO DR.
	5.361		418			6.919		394		SEE 1209-41 FOR DESC.
1	16.712	5.571		418		21.347	7.116		394	
	4.392		201			6.898		200		
	4.191		199			6.698		196		
	3.992		400			6.502		396		
2	12.575	4.192		.818		20.098	6.699		.790	
1	4.635		110			5.455		124		+14.289
	4.525		107			5.331		124		-19.146
	4.418		217			5.207		248		-4.857
3	13.578	4.526		1.035		15.993	5.331		1.038	
		14.289					19.146			B.M. 8-50 (U.S. 4563 A-780 1946)
										LONG BEACH BLVD. & HOUSE * 4261
										SEE F.B. 1209-42 FOR DESC.
	4.771		169			6.135		160		
	4.602		166			5.975		158		
	4.436		335			5.817		318		
4	13.809	4.603		1.370		17.927	5.976		1.356	

F.B. 2406 P.G. 133

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 1:40 TO 1:40 Rod No. 11 8 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 5-49 To B.M. 5-51
Date 8-9-56
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
	4.714	4.603	157	1370		6.119	[illegible]	160	1356	+13.852
	4.557		155			5.959		157		-19.242
	4.402		312			5.802		307		-5.390
5	13.673	4.558		1.682		17.880	5.960		1.673	
	4.834		143			7.459		153		B.M. 5-51 (CLEARWATER B-8 1940)
	4.691		143			7.306		153		LONG BEACH BLVD. & 44th ST, N. OF,
	4.548		286			7.153		306		SEE F.B. 1209.43 FOR DESC.
6	14.073	4.691		1.968		21.918	7.306		1.979	
		13.852					19.242			

F.B. 2406 PG. 134

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 1:40 TO 2:10 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-51 To B.M. 8-49
Date 8-9-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.447		154			4.827		148		B.M. 8-51 (CLEARWATER 3-8, 1940)
	7.293		151			4.679		145		LONG BEACH BLVD. & N. OF 44th ST.
	7.142		305			4.534		293		SEE F.B. 1209-43 FOR DESC.
1	21.882	7.294		.305		14.040	4.680		.293	
	6.091		159			4.681		154		
	5.932		158			4.527		156		
	5.774		317			4.371		310		
2	17.797	5.932		.622		13.579	4.526		.603	T. J. MOODY
	6.238		161			4.868		163		+19.304
	6.077		158			4.705		162		-13.911
	5.919		319			4.543		325		+5.393
3	18.234	6.078		.941		14.116	4.705		.928	
		19.304					13.911			B.M. 8-50 (U.S. 4563 A-780 1946
										LONG BEACH BLVD. & 16th St. 4261
										SEE F.B. 1209-42 FOR DESC.
	5.453		124			4.631		109		
	5.329		123			4.522		108		
	5.206		247			4.414		217		
4	15.988	5.329		1.188		13.567	4.522		1.145	

F.B. 2406 P.G. 135

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 1:40 TO 2:10 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030162
From B.M. 8-51 To B.M. 8-49
Date 8-9-56
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
	6.894	5.329	199	1.188		4.388	4.322	200	1.145	
	6.693		197			4.188		200		+19.144 7
	6.496		396			3.988		400		-14.288 9
5	20.083	6.694		1.584		12.564	4.188		1.545	+4.858
	7.322		199			5.788		211		
	7.123		196			5.577		209		B.M. 8-49 (CLEARWATER B-8A, 1940
	6.927		395			5.368		420		LONG BEACH BLVD & SAN ANTONIO DR
6	21.372	7.124		1.979		16.733	5.578		1.965	SEE F.B. 1209-41 FOR DESC.
		19.144 7					10.288			

F.B. 2406 P.G. 136

76P526 S & E #379 1-54

800

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Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G.F. DREIER Time 9:00 TO 10:00 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-51 To B.M. 8-53
Date 7-30-56
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
	3.578		211		#12	9.316		216		B.M. 8-51 (CLEARWATER B-8, 1940)
	3.367		212			9.100		212		LONG BEACH BLVD & 44th ST, ±200' N.
	3.155		423			8.888		428		SEE F.B. 1209-43 FOR DESC.
1.	10.100	3.367		423		27.304	9.101		428	
	1.983		192			11.011		212		
	1.791		190			10.799		210		
	1.601		382			10.589		422		T J. MOODY
2	5.375	1.792		.806		32.399	10.800		.850	
	0.807		195			8.671		173		
	0.612		193			8.498		170		
	0.419		388			8.328		343		
3	1.838	0.613		1.193		25.497	8.499		1.193	
	1.231		153			9.248		155		
	1.078		152			9.093		154		
	0.926		305			8.939		309		
4	3.235	1.078		1.498		27.280	9.093		1.502	
	0.979		148			10.062		150		
	0.831		152			9.912		150		
	0.679		300			9.762		300		
5	2.489	0.830		1.798		29.736	9.912		1.802	
		7.680					47.405			

F.B. 2406 P.G. 137

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 9:00 TO 10:00 Rod No 11812

Name L.A. Co. PRECISE LEVEL NET
Job No 2301.02
From B.M. 8-51 To B.M. 8-53
Date 7-30-56
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
	0.938	7.680	180	1.798		10.099	[illegible]	173	1.802	
	0.758		180			9.926		173		
	0.578		360			9.753		346		
6	2.274	0.758		2.158		29.778	9.926		2.148	
	3.582		207			6.408		212		
	3.325		206			6.196		214		
	3.119		413			5.982		426		
7	9.976	3.325		2.571		18.486	6.195		2.574	
	5.017		210			4.996		213		
	4.807		210			4.783		209		
	4.597		420			4.574		422		
8	14.421	4.807		2.991		14.353	4.784		2.996	SUMMATION OF RUN B.M. 8-52 TO B.M. 8-51
	5.799		211			5.938		203		TOTAL BACKSIGHTS +27.717
	5.588		209			5.735		203		TOTAL FORESIGHTS -76.010
	5.379		420			5.532		406		DIFF IN ELEVATION -48.293
9	16.766	5.589		3.411		17.205	5.735		3.402	
	5.584		026			1.988		023		
	5.558		026			1.965		024		BM 8-53 (U.S. 4562, Z-779 1946)
	5.532		052	3		1.941		047	49	LONG BEACH BLVD & U.P. RR. AT 48th ST.
10	16.674	5.558		3.462		5.894	1.965		3.454	SEE F.B. 1209 - FOR DESC.
		27.717					76.010		3.462	
									6.916	
									=0.45 mi.	

F.B. 2406 P.G. 138

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 10:00 TO 10:45 Rod No 11 812

Name L.A.Co PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-53 To B.M. 8-51
Date 7-30-56
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
	1.867		025		#11	5459		027		B.M. 8-53 (U.S.4562, Z-779 1946)
	1.842		023			5.432		026		LONG BEACH BLVD. & U.P.R.R. AT 48th St.
	1.819		048			5.406		053		SEE F.B. 1209-44 FOR DESC.
1	5.528	1.843		.048	75°	16.297	5.432		.053	
	5.897		205			5.761		210		
	5.692		203			5.551		209		T J. MOODY
2	5.489		408			5.342		419		
	17.078	5.693		.456		16.654	5.551		.472	
	5.022		210			5.038		210		
	4.812		210			4.828		209		
	4.602		420			4.619		419		
3	14.436	4.812		.876		14.485	4.828		.891	
	6.438		211			3.558		205		
	6.227		213			3.353		205		
	6.014		424			3.148		410		
4	18.679	6.226		1.300		10.059	3.353		1.301	
	10.111		174			0.951		180		
	9.937		173			0.771		180		
	9.764		347			0.591		360		
5	29.812	9.937		1.647		2.313	0.771		1.661	
		28.511					19.935			

F.B. 2406 P.G. 139

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 10:45 Rod No. 11812

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-52 To B.M. 8-51
Date 7-30-56
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
	9.976	28.511	151	1.647		0.898	19.935	150	1.661	
	9.825		148			0.748		151		
	9.677		299			0.597		301		
6	29.478	9.826		1.946		2.243	0.748		1.962	
	9.241		154			1.223		152		
	9.087		154			1.071		152		
	8.933		308			0.919		304		
7	27.261	9.087		2.254		3.213	1.071		2.266	
	8.957		181			1.078		183		
	8.776		178			0.895		184		
	8.598		359			0.711		367		
8	26.331	8.777		2.613		2.684	0.895		2.633	SUMMATION OF RUN
	11.067		216			2.035		186		B.M. 8-52 TO B.M. 8-51
	10.851		214			1.849		187		TOTAL BACKSIGHTS + 76.024
	10.637		430			1.662		373		TOTAL FORESIGHTS - 27.742
9	32.555	10.852		3.043		5.546	1.849		3.006	DIFF IN ELEVATION + 48.282
	9.175		204			3.468		225		
	8.971		203			3.243		222		B.M. 8-51 (CLEARWATER B-8, 1940)
	8.768		407			3.021		447		LONG BEACH BLVD. & 40th ST
10	26.914	8.971		3.450		9.732	3.244		3.453	SEE F.B. 1209-43 FOR DESC.
		76.024					27.742			

F.B. 2406 P.G. 140

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 9:15 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-53 To B.M. 8-56 A
Date 7-31-56
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
	1298		053			5.088		062		B.M. 8-53 (U.S. 4562, Z-779 1946)
	1.245		053			5.026		062		LONG BEACH BLVD & U.P.R.R. (AT 48th ST)
	1.192		106			4.964		124		SEE F.B. 1209-44 FOR DESC.
1	3.735	1.245		.106		15.078	5.026		.124	+1.245
										-5.026
										-3.781
										B.M. 8-52 CLEARWATER A-7 1946
										LONG BEACH BLVD. & 48th ST
										SEE F.B. 1209-44 FOR DESC.
	5.625		043			7.185		043		+5.582
	5.582		043			7.142		042		-7.142
	5.539		086			7.100		085		-1.560
2	16.746	5.582		.192		21.427	7.142		209	
										B.M. CITY LB. 372
										LONG BEACH BLVD. & 48th ST, S.W. COR.
										20.2 FT. W. OF W. CURB & 4.7 FT
										S. OF S. CURB, A CITY LONG
	6.528		025			3.895		024		BEACH BRASS CAP MON. 12" DEEP
	6.503		024			3.871		025		
	6.479		049			3.846		049		
3	19.510	6.503		.241		11.612	3.871		.258	

F.B. 2406 PG. 141

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:15 70 Rod No. 11 #12

Name L A CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-53 To B.M. 8-56A
Date 7-31-56
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
	9.594	6.503	022	.241		0.420	[illegible]	020	.258	
	9.572		022			0.400		020		
	9.550		044			0.380		040		
4	28.716	9.572		.285		1.200	[illegible]		.298	
	11.808		113			1.902		117		
	11.695		113			1.785		116		
	11.582		226			1.669		233		
5	35.085	11.695		.511		5.356	[illegible]		.531	
	5.257		181			5.808		186		
	5.076		179			5.622		187		
	4.897		360			5.435		373		
6	15.230	5.077		.871		16.865	[illegible]		.904	
	4.142		187			4.528		191		
	3.955		184			4.337		188		
	3.771		371			4.149		379		
7	11.868	3.956		1.242		13.014	4.338		1.283	
	4.408		186			4.947		185		
	4.222		186			4.762		183		
	4.036		372			4.579		378		
8	12.666	4.222		1.614		14.288	4.763		1.661	
		41.025					20.779			

FB 2406 PG 142

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 PART SUNNY Inst. No. 50010
Notes by G. E. DREIER Time 9:15 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-53 To B.M. 8-56A
Date 7-31-56
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
	4.308	4.025	189	1.614		4.732	4.779	190	1.661	
	4.119		187			4.542		190		
	3.932		376			4.352		380		
9	12.359	4.120		1.990		13.626	4.542		2.041	
	3.978		190			4.393		190		
	3.788		190			4.203		190		
	3.598		380			4.013		380		
10	11.364	3.788		2.370		12.609	4.203		2.421	
	3.876		197			4.005		190		
	3.679		194			3.815		188		
	3.485		391			3.627		378		
11	11.040	3.680		2.761		11.447	3.816		2.799	
	4.202		190			4.542		184		
	4.012		189			4.358		186		
	3.823		379			4.172		370		
12	12.037	4.012		3.140		13.072	4.357		3.169	
	4.277		185			4.442		184		
	4.092		189			4.258		181		
	3.903		374			4.077		365		
13	12.272	4.091		3.514		12.777	4.259		3.534	
		60.716					41.956			

F.B. 2406 P.G. 143

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE-SUNNY Inst. No. 50010
Notes by G. E. DREIER Time 9:15 TO Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 8-53 To B.M. 8-56A
Date 7-31-56
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
	4.603	60.716	184	3.514		5.102	4.956	183	3.534	
	4.419		180			4.919		181		
	4.239		364			4.738		364		
14	13.261	4.420		3.878		14.759	4.920		3.898	
	3.953		180			4.998		187		
	3.773		180			4.811		184		
	3.593		360			4.627		371		
15	11.319	3.773		4.238		14.436	4.812		4.269	
	4.247		239			5.478		221		+ 72.917
	4.008		240			5.257		220		- 56.945
	3.768		479			5.037		441		DIFF. City L.B.372 TO 8-54 + 15.972
16	12.023	4.008		4.717		15.772	5.257		4.710	
		72.917					56.945		9.717 9.427 20.611	B.M. 8-54 (F.C. B.M. 2-36) U.P.R.R. & L.A. RIVER, S.E. COR. SEE F.B. 1209-45 FOR DESC.
F.B. 2406 P.G. 144										
	4.743		222			6.347		225		
	4.521		222			6.122		223		
	4.299		444			5.899		448		
17	13.563	4.521		5.161		18.368	5.123		5.158	

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 9:15 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M.8-53 To B.M.8-56A
Date 7-31-56
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
	4.408	4.521	174	5.161		5.999	6.123	176	5.158	
	4.234		172			5.823		172		
	4.062		346			5.651		348		
18	12.704	4.235		5.507		17.473	5.824		5.506	
	4.329		176			6.543		180		+12.910
	4.153		174			6.363		176		-18.311
	3.979		350			6.187		356		-5.401
19	12.461	4.154		5.857		19.093	6.364		5.862	
		12.910					18.311			B.M.8-55 (F.C. B.M. 44-25) U.P.R.R. & L.A. RIVER, N.W. COR. SEE F.B. 1209-45 FOR DESC.
	5.308		111			5.570		116		
	5.197		114			5.454		115		
	5.083		225			5.339		231		
20	15.588	5.196		6.082		16.363	5.454		6.093	
	6.338		187			4.363		185		
	6.151		189			4.178		187		
	5.962		376			3.991		372		
21	18.451	6.150		6.458		12.532	4.177		6.465	
		11.346					9.631			

F.B. 2406 PG. 145

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 9:15 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-53 To B.M. 8-56A
Date 7-31-56
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
	7.582	11.346	187	6.458		5.143	[illegible]	185	6465	+24.574
	7.395		183			4.958		181		-19.919
	7.212		370			4.777		366		+4.655
22	22.189	7.396		6.828		14.878	[illegible]59		6831	
	6013		181			5.512		184		B.M. 8-56A
	5.832		180			5.328		180		U.P.R.R. & P.E.RR & LONG BEACH
	5.652		361			5.148		364		FREEWAY, AT N.W. COR OF
23	17.497	5.832		7.189		15.988	[illegible]29		7195	INTERSECTION OF TRACKS,
		24.574					[illegible]19			A LARGE B. SPK. IN ABUTMENT

F.B. 2406 P.G. 146

76P526 S & E #379 1-54

PLEASE RETURN TO
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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 7:30 TO 9:15 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-56A To B.M. 8-53
Date 7-31-56
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
	5.532		180		#11	6.037		183		B.M. 8-56A
	5.352		180			5.854		182		U.P.R.R. & P.E.R.R. & LONG BEACH
	5.172		360			5.672		365		FREEWAY AT N.W. INTERSECTION
1	16.056	5.352		360	64°	17.563	5.854		.365	OF TRACKS, LARGE B.S.P.K. IN
	5.154		183			7.592		185		ABUTMENT
	4.971		183			7.407		185		
	4.788		366			7.222		370		
2	14.913	4.971		.726		22.221	7.407		.735	
	4.443		185			6.418		187		
	4.258		186			6.231		189		
	4.072		371			6.042		376		
3	12.773	4.258		1.097		18.691	6.230		1.111	
	5.558		119			5.291		111		+20.021
	5.439		117			5.180		108		-24.672
	5.322		236			5.072		219		-4.651
4	16.319	5.440		1.333		15.543	5.181		1.330	
		20.021					24.672		-0.17 m.	B.M. 8-55 (F.C.B.M. 44-25)
										U.P.R.R. & L.A. RIVER, N.W. COR.
										SEE F.B. 1209-45 FOR DESC

F.B. 2406 P.G. 147

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 7:30 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-56A To B.M. 8-53
Date 7-31-56
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
	6.618		180	1333		4.4[illegible]		174	1330	
	6.438		179			4.227		174		
	6.259		359			4.053		348		
5	19.315	6.438		1,692		12.681	4.227		1,678	
	6.051		176			4.459		173		
	5.875		173			4.286		175		
	5.702		349			4.111		348		
6	17.628	5.876		2,041		12.856	[illegible]		2,026	
	6.359		220			4.768		229		+18.454
	6.139		216			4.539		227		-13.052
	5.923		436			4.312		456		+5.402
7	18.421	6.140		2,477		13.619	[illegible]		2,482	
		18.454					18.[illegible]			B.M. 8-54 F.C.B.M 2-36 U.P.RR. & L.A. RIVER S.E. COR SEE F.B. 1209-45 FOR DESC
F.B. 2406 P.G. 148	6.308		223			5.081		239		
	6.085		220			4.842		239		
	5.865		443			4.603		478		
8	18.258	6.086		2,920		14.526	4.842		2,960	

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 7:30 TO 9:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM. 8-56A To BM. 8-53
Date 7-31-56
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
	6.202	6.086	192	2.920		5.139	4.842	169	2.960	
	6.010		191			4.970		171		
	5.819		383			4.799		340		
9	18.031	6.016		3.303		14.908	4.969		3.300	
	5.958		183			5.459		180		
	5.775		182			5.279		180		
	5.593		365			5.099		360		
10	17.326	5.775		3.668		15.837	5.279		3.660	
	5.650		184			5.482		185		
	5.466		182			5.297		186		
	5.284		366			5.111		371		
11	16.400	5.467		4.034		15.890	5.297		4.031	
	5.728		186			5.391		190		
	5.542		184			5.201		186		
	5.358		370			5.015		376		
12	16.628	5.543		4.404		15.607	5.202		4.407	
	5.657		189			5.530		194		
	5.468		189			5.336		193		
	5.279		378			5.143		387		
13	16.404	5.468		4.782		16.009	5.336		4.794	
		34.349					30.925			

F.B. 2406 P.G. 142

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 7:30 TO 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-56 A To B.M. 8-53
Date 7-31-56
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
	5.929	34.349	190	4.782		5.518	[illegible]	191	4.794	
	5.739		187			5.327		190		
	5.552		377			5.137		381		
14	17.220	5.740		5.159		15.982	[illegible]		5.175	
	5.867		193			5.448		189		
	5.674		191			5.259		187		
	5.483		384			5.072		376		
15	17.024	5.675		5.543		15.779	[illegible]		5.551	
	5.879		184			5.247		188		
	5.695		184			5.159		184		
	5.511		378			5.975		372		
16	17.085	5.695		5.921		16.481	[illegible]		5.923	
	5.735		188			5.342		183		
	5.547		188			5.159		181		
	5.359		376			4.978		364		
17	16.641	5.547		6.297		15.479	[illegible]		6.287	
	5.819		187			5.264		181		
	5.632		184			5.083		178		
	5.448		371			4.905		359		
18	16.899	5.633		6.668		15.252	[illegible]		6.646	
		63.[illegible]39					56.[illegible]16			

F.B. 2406 P.G. 150

76P526 S & E #379 1-54

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 7:30 To 9:15 Rod No 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-56A To B.M. 8-53
Date 7-31-56
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
	1.815	62.639	117	6.668		11.719	56.916	112	6.646	
	1.698		117			11.607		112		
	1581		234			11.495		224		
19	5.094	1.698		6.902		34.821	11.607		6.870	
	0.586		020			9.759		022		
	0.566		020			9.737		021		
	0.546		040			9.716		043		
20	1.698	0.566		6.942		29.212	9.737		6.913	
	4.243		016			6.895		034		+ 69.131
	4.227		014			6.861		033		- 85.121
	4.213		030			6.828		067		- 15.990
21	12.683	4.228		6.972		20.584	6.861		6.980	
		69.131					85.121			CITY L.B.B.M. 372 S.W. COR. LONG BEACH BLVD. & 48th ST. 20.2 FT W. OF W. CURB & 4.7 S. OF S. CURB, A CITY L.B.
	7.141		043			5.579		042		BRASS CAP MON. 12" DEEP
	7.098		042			5.537		042		+ 7.098
	7.056		085			5.495		084		- 5.537
22	21.295	7.098		7.057		16.611	5.537		7.064	+ 1.561

F.B. 2406 P.G. 151

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 7:30 TO 9 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0.301.02
From B.M. 8-56A To B.M. 8-53
Date 7-31-56
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
				7.057					7.064	B.M. 8-52 (CLEAR WATER A-7 1940) LONG BEACH BLVD & 48th ST. SEE F.B. 1209-44 FOR DESC.
										+5.033
										-1.252
										+3.781
	5.095		062			1.306		055		
	5.033		061			1.251		052		
	4.971		123			1.199		107		
23	15.099	5.033		7.180		3.756			7.171	B.M. 8-53 (U.S. 4562, Z-779 1940) LONG BEACH BLVD. & U.P.R.R. (AT 48th ST.)
										SEE F.B. 1209-44 FOR DESC.

F.B. 2406 P.G. 152

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 9:15 TO 10:35 Rod No. 11812

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. CITY L.B. 372 To B.M. 8-54
Date 8-9-56
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
	6.586		023		#11	3.954		027		B.M. CITY L.B. 372
	6.563		025			3.927		025		LONG BEACH BLVD & 48th ST, S.W. COR.
	6.538		048			3.902		052		BRASS CAP MON, 12" DEEP,
1	19.687	6.562		.048	70°	11.783	3.928		.052	4½ FT. S. OF S. CURB 920.2 FT. W. OF
	9.485		022			0.314		020		W. CURB
	9.463		021			0.294		020		
	9.442		043			0.274		040		
2	28.390	9.463		.091		0.882	0.294		.092	T. J. MOODY
	11.802		111			1.898		120		
	11.691		112			1.778		117		
	11.579		223			1.661		237		
3	35.072	11.691		.314		5.337	1.779		.329	
	5.002		182			5.557		186		
	4.820		180			5.371		184		
	4.640		362			5.187		370		
4	14.462	4.821		.676		16.115	5.372		.699	
	5.175		183			5.568		190		
	4.992		180			5.378		186		
	4.812		363			5.192		376		
5	14.979	4.993		1.039		16.138	5.379		1.075	
	37.530					16.752				

F.B. 2466 P.G. 153

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 9:15 TO 10:35 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. City L.B.372 To B.M. 8-54
Date 8-9-56
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
	5.244	37.530	186	1.039		5.778	6.752	182	1.075	
	5.058		184			5.596		184		
	4.874		370			5.412		366		
6	15.176	5.059		1.409		16.786	[illegible]		1.441	
	5.405		187			5.829		192		
	5.218		187			5.637		190		
	5.031		374			5.447		382		
7	15.654	5.218		1.783		16.913	[illegible]		1.823	
	5.287		190			5.704		189		
	5.097		189			5.515		188		
	4.908		379			5.327		377		
8	15.292	5.097		2.162		16.546	5.515		2.200	
	5.317		200			5.430		182		
	5.117		200			5.248		179		
	4.917		400			5.069		361		
9	15.351	5.117		2.562		15.747	5.249		2.561	
	5.301	5.058	190			5.647	[illegible]	187		
	5.111		187			5.460		183		
	4.924		377			5.277		370		
10	15.336	5.112		2.939		16.384	[illegible]		2.931	
		63.133					44.210			

F.B. 2466 P.G. 154

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 9:15 TO 10:35 Rod No 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. CITY L.B. 372 To B.M. 8-54
Date 8-9-56
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
	5.288	63.133	186	2.939		5.458	44.210	186	2.931	
	5.102		184			5.272		182		
	4.918		370			5.090		368		
11	15.308	5.103		3.309		15.820	5.273		3.299	
	5.322		183			5.827		180		
	5.139		180			5.647		181		
	4.959		363			5.466		361		
12	15.420	5.140		3.672		16.940	5.647		3.660	
	4.950		181			5.992		185		
	4.769		178			5.807		183		
	4.591		359			5.624		378		
13	14.310	4.770		4.031		17.423	5.808		4.038	
	5.07[illegible]		225			6.348		236		B.M. 8-54 (F.C. B.M. 2-36)
	4.854		221			6.112		235		U.P.R.R. & L.A. RIVER, S.E. COR
	4.633		446			5.877		471		SEE F.B. 1209-45 FOR DESC
14	14.566	4.855		4.477		18.337	6.112		4.509	
										SUMMATION OF RUN
										CITY L.B. 372 TO B.M. 8-54
										TOTAL BACKSIGHTS +83.001
										TOTAL FORESIGHTS -67.050
		83.001					67.050			DIFF IN ELEVATION +15.951

F.B. 2406 P.G. 155

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 Inst. No. 50010
Notes by G. E. DREIER Time 10:40 to 11:50 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 8-54 To B.M. City L.B. 372
Date 8-9-56
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
	6587		239			5317		225		B.M. 8-54 (F.C.B.M. 2-36)
	6348		235			5092		223		U.P. R.R. & L.A. RIVER S.E. COR.
	6113		474			4869		448		SEE F.B. 1209-45 FOR DESC.
1	19048	6.349		.474		15278	5.093		.448	
	6080		187			5032		178		
	5893		184			4854		175		
	5709		371			4679		353		
2	17682	5.894		.845		14565	4.855		.801	T G. E. DREIER
	5909		181			5411		182		
	5728		179			5229		181		
	5549		360			5048		363		
3	17186	5.729		.1205		15688	5.229		.1164	
	5584		184			5413		184		
	5400		180			5229		188		
	5220		364			5041		372		
4	16204	5.401		.1569		15683	5.228		.1536	
	5678		180			5347		196		
	5498		178			5151		192		
	5320		358			4959		388		
5	16496	5.499		.1927		15457	5.152		.1924	
		28.872					25.557			

F.B. 2406 P.G. 156

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

Name L. A. CO. PRECISE LEVEL NF1
Job No. 0301.02
From BM 8-54 To BM City L.B.372
Date 8-9-56
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
	5615	28.872	188	1927		5492	25.557	192	1924	
	5427		187			5300		192		
	5240		375			5108		384		
6	16.282	5.427		2302		15900	5.300		2308	
	5868		191			5451		190		
	5677		188			5261		190		
	5489		379			5071		380		
7	17.034	5.678		2681		15783	5.261		2688	
	5798		191			5377		187		
	5607		192			5190		187		
	5415		383			5003		374		
8	16.820	5.607		3064		15570	5.190		3062	
	5763		184			5226		184		
	5579		181			5042		183		
	5398		365			4859		367		
9	16740	5.580		3429		15127	5.042		3429	
	5617		188			5223		183		
	5429		186			5040		181		
	5243		374			4859		364		
10	16.289	5.430		3803		15122	5.041		3793	
		56.594					51.391			
		322					121			

F.B. 2406 P.G. 157

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by J. A. MOODY Time 10:40 to 11:43 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-54 To BM city L.B.372
Date 8-9-56
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
	5836	5.6594	186	3.803		5278	5.3914	177	3.793	
	5650		187			5101		179		
	5463		373			4922		356		
11	16.949	5.650		4.176		15.301	5.100		4.149	
	1874		119			11.777		111		
	1755		118			11.666		109		SUMMATION of RUN
	1637		237			11.557		220		BM 8-54 to BM city L.B.372
12	5.266	1.755		4.413		35.000	11.667		4.369	
	0333		020			9501		022		total BACKSIGHTS + 68.424
	0313		020			9479		022		total FORE SIGHTS - 84.385
	0293		040			9457		044		DIFF IN ELEV. - 15.961
13	0939	0313		4.453		28.437	9.479		4.413	
	4133		021			6777		029		BM City L.B. 372
	4112		021			6748		029		LONG BEACH BLVD. & 48th St S.W. COR.
	4091		042			6719		058		BRASS CAP MON. 12" DEEP,
14	12.336	4.112		4.495		20.244	6.748		4.471	42 ft. S. of S. CURB. & 20.2 ft W.
										of W. CURB.
		68.424					84.385			

F.B. 2406 P.G. 158

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party **G. E. DREIER** Weather BREEZE - HAZE Inst. No. 50010
Notes by G. E. DREIER Time 12:45 TO 2:10 Rod No. 11 812

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 8-56A To B.M. 8-57
Date 7-31-56
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
	4.569		261		#11	8.282		235		B.M. 8-56A
	4.308		260			8.047		235		U.P.R.R. & P.E.R.R. & LONG BEACH
	4.048		521			7.811		470		FREEWAY, AT N.W. COR. OF INTER.
1	12.925	4.308		.521	80°	24.140	8.047		470	OF TRACKS, LARGE B.SPK IN
	0.656		029			11.797		034		ABUTEMENT
	0.627		029			11.763		034		
	0.598		058			11.729		068		
2	1.881	0.627		.579		35.289	11.763		.538	T J. MOODY
	1.394		022			7.637		029		
	1.372		020			7.608		030		
	1.352		042			7.578		059		
3	4.118	1.373		.621		22.823	7.608		.597	
	5.332		163			4.323		168		
	5.169		165			4.155		167		
	5.004		338			3.988		335		
4	15.505	5.168		.959		12.466	4.155		.932	
	4.941		202			5.231		194		
	4.739		200			5.057		193		
	4.539		402			4.844		387		
5	14.219	4.740		1.361		15.112	5.037		1.319	
		16.216					36.610			

F.B. 2406 P.G. 159

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 BREEZE - [illegible] Inst. No. 50010
Notes by G. E. DREIER Time 12:45 TO [illegible] Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 7.8-56 A To B.M. 8-57
Date 7-31-56
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
	4.939	16.216	196	1.361		[illegible]	3[illegible].010	[illegible]	1.319	
	4.742		194			5.2[illegible]		[illegible]		
	4.548		390			5.0[illegible]		[illegible]		
6	14.229	4.743		1.751		15.733	[illegible]44		1.715	
	5.603		195			5.623		192		
	5.408		196			5.431		194		
	5.212		391			5.237		386		
7	16.223	5.408		2.142		16.291	[illegible]30		2.101	
	5.259		201			5.296		199		
	5.058		199			5.097		198		
	4.859		400			4.899		397		
8	15.176	5.059		2.542		15.292	[illegible]97		2.498	
	4.875		188			5.423		204		
	4.687		188			5.219		206		
	4.499		376			5.013		410		
9	14.061	4.687		2.918		15.655	[illegible]18		2.908	
	4.914		150			5.156		151		
	4.764		149			5.005		152		
	4.615		299			4.853		303		
10	14.293	4.764		3.217		15.014	5.005		3.211	
		40.877					62.604			

F.B. 2406 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 BREEZE-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 12:45 TO 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-56A To B.M. 8-57
Date 7-31-56
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
	5.548	40.877	188	3.217		6.189	62.604	191	3.211	
	5.360		188			5.998		190		B.M. 8-57
	5.172		376			5.808		381		DOMINGUEZ ST. & SANTA FE AVE.
11	16.080	5.360		3.593		17.995	5.998		3.592	SEE F.B. 1209-47 FOR DESC.
									3.593	
									7.185	
									= 0.46 mi.	
										SUMMATION OF RUN
										B.M. 8-56A TO B.M. 8-57
										TOTAL BACKSIGHTS +46.237
										TOTAL FORESIGHTS -68.602
										DIFF IN ELEVATION -22.365
										F.B. 2406 P.G. 161
		46.237					68.602			

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 BREEZE - HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO Rod No. 11 #12

Name L A CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-57 To B.M. 8-56A
Date 7-31-56
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
	6.173		191		#11	5.531		189		B.M. 8-57
	5.982		190			5.342		185		DOMINGUEZ ST. & SANTA FE AVE.
	5.242		381			5.157		374		SEE F.B. 1209-47 FOR DESC.
1	17.947	5.982		381	80°	16.030	5.343		.374	
	5.222		151			4.979		150		
	5.071		149			4.829		150		
	4.922		300			4.679		300		
2	15.215	5.072		681		14.487	4.829		.674	
	5.519		197			4.988		196		
	5.322		194			4.792		195		
	5.128		391			4.597		391		
3	15.969	5.323		1.072		14.377	4.792		1.065	
	5.683		198			5.647		199		
	5.485		197			5.448		197		
	5.288		395			5.251		396		
4	16.456	5.485		1.467		16.346	5.449		1.461	
	5.638		196			5.621		198		
	5.442		194			5.423		194		
	5.248		390			5.229		392		
5	16.328	5.443		1.857		16.273	5.424		1.853	
		27.305					25.837			

F.B. 2406 P.G. 162

J. MOODY

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 BREEZE-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-57 To B.M. 8-56A
Date 7-31-56
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
	5.512	27.305	197	1.857		5.012	25.837	199	1.853	
	5.315		196			4.813		195		
	5.119		393			4.618		394		
6	15.946	5.315		2.250		14.443	4.814		2.247	
	5.268		195			4.982		203		
	5.073		193			4.779		200		
	4.880		388			4.579		403		
7	15.221	5.074		2.638		14.340	4.780		2.650	
	4.452		168			5.458		166		
	4.284		166			5.292		162		
	4.118		334			5.130		328		
8	12.854	4.285		2.972		15.880	5.293		2.978	
	8.578		035			2.330		022		
	8.543		034			2.308		021		
	8.509		069			2.287		043		
9	25.630	8.543		3.041		6.925	2.308		3.021	
	11.981		.034			0.839		028		
	11.947		034			0.811		029		
	11.913		068			0.782		057		
10	35.841	11.947		3.109		2.432	0.811		3.078	
		62.469					43.843			

F.B. 2406 P. 0/6.3

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE - [illegible] Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-57 To B.M. 8-56A
Date 7-31-56
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
	7.987	62.469	239	3.109		4.272	[illegible]	260	3.078	
	7.748		236			4.012		257		B.M. 8-56A
	7.512		475			3.755		517		U.P.R.R. & P.E.RR. & LONG BEACH
11	23248	7.749		3.584		12.039	4.013		3.595	FREEWAY, AT N.W. COR OF INTER
							47.856		6.673	OF R.R. TRACKS, LARGE B.SPK IN
									7.179	ABUTEMENT
									0.46mi	
										SUMMATION OF RUN
										B.M. 8-57 TO B.M. 8-56A
										TOTAL BACKSIGHTS +70.218'
										TOTAL FORESIGHTS -47.856'
										DIFF IN ELEVATION +22.362'
		70.218								

F.B. 2406 P.G. 164

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 G. E. DREIER Time 8:00 TO 8:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 8-57 To B.M. 5-37
Date 8-1-56
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
	6.895		193		#11	5.843		195		B.M. 8-57
	6.702		191			5.648		194		DOMINGUEZ ST. & SANTA FE AVE
	6.511		384			5.454		389		SEE F.B. 1209-47 FOR DESC.
1	20.108	6.703		.384		16.945	5.648		.389	
	5.381		199			5.710		198		
	5.182		195			5.512		195		
	4.987		394			5.317		373		
2	15.550	5.183		.778		16.539	5.513		.782	J. MOODY
	5.511		199			5.788		195		
	5.312		200			5.593		192		
	5.112		399			5.401		387		
3	15.935	5.312		1.177		16.782	5.594		1.169	
	5.485		194			5.759		190		
	5.291		192			5.569		191		
	5.099		386			5.378		381		
4	15.875	5.292		1.563		16.706	5.569		1.550	
	5.502		194			5.718		203		
	5.308		196			5.515		203		
	5.112		390			5.312		406		
5	15.922	5.307		1.953		16.545	5.515		1.956	
		27.797					27.839			

F.B. 2406 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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8:00 T.O.X. Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-57 To B.M. 5-37
Date 8-1-56
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
	5.657	27.797	209	1.953		5.563	5.839	197	1.956	
	5.448		206			5.366		199		
	5.242		415			5.167		396		
6	16.347	5.449		2.368		16.096	5.365		2.352	
	5.531		200			5.776		198		
	5.331		199			5.578		195		
	5.132		399			5.383		393		
7	15.994	5.331		2.767		16.737	5.579		2.745	
	5.559		202			5.919		196		
	5.357		200			5.723		195		
	5.157		402			5.528		391		
8	16.073	5.358		3.169		17.170	5.723		3.136	
	5.514		206			5.272		201		
	5.308		205			5.071		200		
	5.103		411			4.871		401		
9	15.925	5.308		3.580		15.214	5.071		3.537	
	5.849		195			5.358		215		
	5.654		193			5.143		213		
	5.461		388			4.930		428		
10	16.964	5.655		3.968		15.431	5.144		3.965	
		54.898					54.721			

F.B. 2406 P.G. 166

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 8:00 TO 8:40 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-57 To B.M. 5-37
Date 8-1-56
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
	4.116	54.898	057	3.968		8.792	54.721	070	3.965	
	4.059		055			8.722		069		B.M. 5-37 (U.S. 4097, R-768 1945
	4.004		112			8.653		139		ALAMEDA ST. & DOMINGUEZ ST
11	12.179	4.060		4.080		26.167	8.722		4.104	SEE F.B. 1206-36 FOR DESC.
									4.080	
									8.184	
									=0.53 mi.	.012
										SUMMATION OF RUN
										B.M. 8-57 TO B.M. 5-37
										TOTAL BACKSIGHTS +58.958
										TOTAL FORESIGHTS −63.443
										DIFF IN ELEVATION −4.485
										F.B. 2406 P.G. 167
		58.958					63.443			

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 1:30 TO 2:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-37 To B.M. 8-57
Date 8-1-56
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
	8.782		068		#11	4.107		057		B.M. 5-37 (U.S. 4097, R-768, 1945)
	8.714		068			4.050		056		ALAMEDA ST. & DOMINGUEZ ST
	8.646		136			3.994		113		SEE F.B. 1206-36 FOR DESC.
1	26.142	8.714		.136		12.151	4.050		.113	
	5.271		208			5.779		201		
	5.063		204			5.578		200		
	4.859		412			5.378		401		π J. Moody
2	15.193	5.064		.548		16.735	5.578		.514	
	5.302		203			5.542		205		
	5.099		201			5.337		205		
	4.898		404			5.132		410		
3	15.299	5.100		.952		16.011	5.337		.924	
	5.879		197			5.522		203		
	5.682		195			5.319		200		
	5.487		392			5.119		403		
4	17.048	5.683		1.344		15.960	5.320		1.327	
	5.742		195			5.495		200		
	5.547		194			5.295		196		
	5.353		389			5.099		396		
5	16.642	5.547		1.733		15.889	5.296		1.723	
		30.108					25.581			

F.B. 2406 P.G. 168

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 BREEZE-HAZE 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. 030102
From B.M. 5-37 To B.M. 8-57
Date 8-1-56
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
	5.569	30.108	198	1.733		5.662	25.581	209	1.723	
	5.371		199			5.453		205		
	5.172		397			5.248		414		
6	16.112	5.371		2.130		16.363	5.454		2.137	
	5.615		203			5.399		197		
	5.412		200			5.202		194		
	5.212		403			5.008		391		
7	16.239	5.413		2.533		15.609	5.203		2.528	
	5.716		194			5.442		194		
	5.522		191			5.248		192		
	5.331		385			5.056		386		
8	16.569	5.523		2.918		15.746	5.249		2.914	
	5.771		193			5.493		199		
	5.578		191			5.294		197		
	5.387		384			5.097		396		
9	16.736	5.579		3.302		15.884	5.295		3.310	
	5.839		197			5.509		198		
	5.642		194			5.311		199		
	5.448		391			5.112		397		
10	16.929	5.643		3.693		15.932	5.311		3.707	
		57.637					52.093			

F.B. 2406 P.G. 169

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE - HAZE Inst. No. 50010
Notes by G. E. DREIER Time 1:30 to 2:16 Rod No. 11 812

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 030102
From B.M. 5-37 To B.M. 8-57
Date 8-1-56
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
	5.878	57.637	200	3.693		6.919	[illegible]93	190	3.707	
	5.678		196			6.729		190		B.M. 8-57
	5.482		396			6.539		380		DOMINGUEZ ST. & SANTA FE AVE.
11	17.038	5.679		4.089		20.187	[illegible]29		4.087	SEE F.B. 1209-47 FOR DESC.
										SUMMATION OF RUN
										B.M. 5-37 TO B.M. 8-57
										TOTAL BACKSIGHTS +63.316
										TOTAL FORESIGHTS -58.822
										DIFF IN ELEVATION +4.494
		63.316					[illegible]22			

F.B. 2406 P.G. 170

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 CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:40 to 9:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 5-37 To B.M. 5-38
Date 8-1-56
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
	8.865		089		#12	5.422		093		B.M. 5-37 (U.S. 4097 R-768 1945)
	8.776		088			5.329		093		ALAMEDA ST. & DOMINGUEZ ST.
	8.688		177			5.236		186		SEE F.B. 1206-36 FOR DESC
1	26.329	8.776		177	66°	15.987	5.329		186	
	4682		213			5385		203		
	4469		211			5182		203		T G.E. DREIER
	4258		424			4979		406		
2	13.409	4.470		601		15.546	5.182		592	
	4931		208			5550		208		
	4723		206			5342		205		
	4517		414			5137		412		
3	14.171	4.724		1015		16.029	5.343		1005	
	4685		183			5035		209		
	4502		179			4826		208		
	4323		362			4618		417		
4	13.510	4.503		1377		14.479	4.826		1422	
	4653		205			4930		211		
	4448		203			4719		209		
	4245		408			4510		420		
5	13.346	4.449		1785		14.159	4.720		1842	
		26.922					25.400			

F.B. 2406 P.G. 171

76P526 S & E #379 1-54

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Chief of Party C. E. DREIER Weather Cloudy Inst. No. 50010
Notes by J. A. Moody Time 8:40 to [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030402
From BM 5-37 To BM 5-38
Date 8-1-56
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
	4987	26.922	207	1785		55[illegible]	[illegible]	208	1842	
	4780		205			5311		209		
	4575		412			5102		417		
6	14342	4.781		2197		15932	[illegible]		2259	
	5156		204			5730		210		
	4952		203			5520		209		
	4749		407			5311		419		
7	14857	4.952		2604		16561	5520		2678	
	5135		215			5414		197		
	4920		214			5217		199		
	4706		429			5018		396		
8	14761	4.920		3033		15649	[illegible]		3074	
	5173		206			5425		207		
	4967		207			5218		207		
	4760		413			5011		414		
9	14900	4.967		3446		15654	5218		3488	
	5080		160			5370		208		
	4920		160			5162		207		
	4760		320			4955		415		
10	14760	4.920		3766		15487	5162		3903	
		51.462					61.827			

F.B. 2406 P.G. 172

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Cloud Inst. No. 50010
Notes by J. A. Moody Time 8:40 to 9:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL
Job No 0301.02
From B.M. 5-37 To B.M. 5-38
Date 8-1-56
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
	5513	51.462	194	3766		1243	51.827	111	3903	
	5319		192			1132		110		B.M. 5-38 (U.S. 2867 D-167 1933)
	5127		386			1022		221		ALAMEDA ST. & CARSON ST
11.	15959	5320		4152		3397	1132		4124	SEE FTB. 1206-37 FOR DESC.
									4,524 8,276 0.53 mi.	
										SUMMATION OF RUN B.M. 5-37 TO B.M. 5-38
										TOTAL BACKSIGHTS +56.782 TOTAL FORESIGHTS -52.959 DIFF IN ELEVATION +3.823
		56.782					52.959			

B. 2406 P.G. 173

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 12:40 to 1:[illegible] Rod No. 11 & 12

L.A.CO. PRECISE LEVEL NET

Name
Job No. 0301.02
From B.M. 5-38 To B.M. 5-37
Date 8-1-56
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
	1130		128		#11	5315		125		B.M. 5-33 (U.S. 2867, D-167, 1933
	1002		126			5190		125		ALAMEDA ST. & CARSON ST
	0876		254			5065		250		SEE F.B. 1206-37 FOR DESC.
1	3.008	1.003		.254	78°	15570	5.190		.250	
	5143		193			4879		173		⊼ G.E. DREIER
	4950		193			4706		175		
	4757		386			4531		348		
2	14850	4.950		.644		14116	4.705		.598	
	5409		217			5146		198		
	5192		214			4948		199		
	4978		431			4749		397		
3	15579	5.193		1.071		14843	4.948		.995	
	5471		211			5163		203		
	5260		210			4960		203		
	5050		421			4757		406		
4	15781	5.260		1.492		14880	4.960		1.401	
	5737		209			5167		204		
	5528		208			4963		204		
	5320		417			4759		408		
5	16585	5.528		1.909		14889	4.963		1.809	
		21.934					24.966			

F.B. 2406 P.G. 174

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR - SUN Inst. No. 50010
Notes by J. A. Moody Time 12:40 to 1:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 5-38 To BM 5-37
Date 8-1-56
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
	5580	21.934	188	1.909		5084	24.766	224	1.809	
	5392		190			4860		228		
	5202		378	2		4632		452	2	
6	16174	5.391		x.287		14576	4.859		x.261	
	5031		209			4759		207		
	4822		205			4552		207		
	4617		414	2		4345		414	2	
7	14470	4.823		x.701		13656	4.552		x.675	
	5033		189			4723		202		
	4844		187			4521		202		
	4657		376	3		4319		404	3	
8	14534	4.845		x.077		13563	4.521		x.079	
	5574		207			4958		207		
	5367		206			4751		208		
	5161		413	3		4543		415	3	
9	16102	5.367		x.490		14252	4.751		x.494	
	5422		202			4718		213		
	5220		202			4505		212		
	5018		404	3		4293		425	3	
10	15660	5.220		x.894		13516	4.505		x.919	
		47.580					47.956			
							4			

F.B. 2406 P.G. 175

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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 CLEAR Inst. No. 50010
Notes by J. A. MOODY Time 12:40 to 1:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 5-38 To BM 5-37
Date 8-1-56
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
	5475	47.580'	094	3 8.894		8918	4 [illegible]58	087	3 8.919	BM 5-37 (US 4097, R-768, 1945)
	5381		092			8831		087		ALAMEDA ST. & DOMINGUEZ ST
	5289		186'	4		8744		174'	4	SEE F.B. 1206-36 FOR DESC
11.	16145	5.382'		8.080		26493	[illegible]		8.093	
									4.080	
									8.173	
									0.53 mi	
										SUMMATION OF RUN
										B.M. 5-38 TO B.M. 5-37
										TOTAL BACKSIGHTS +52.962
										TOTAL FORESIGHTS -56.785
										DIFF IN ELEVATION -3.823
		52.962'					56.785			

F.B. 2406 P.G. 176

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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:10 TO 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-38 To B.M. 5-39
Date 8-1-56
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
	0.991		212			5.618		215		B.M. 5-38 (U.S. 2867, D-167 1933)
	0.779		216			5.403		211		ALAMEDA ST & CARSON ST.
	0.563		428			5.192		426		SEE F.B. 1206-37 FOR DESC.
1	2.333	0.778		.428		16.213	5.404		.426	
	5.080		205			5.403		205		
	4.875		204			5.198		202		
	4.671		409			4.996		407		↑ J. MOODY
2	14.626	4.875		.837		15.597	5.199		.833	
	5.147		204			5.371		202		
	4.943		204			5.169		200		
	4.739		408			4.969		402		
3	14.829	4.943		1.245		15.509	5.170		1.235	
	5.177		207			5.478		207		
	4.970		207			5.271		204		
	4.763		414			5.067		411		
4	14.910	4.970		1.659		15.816	5.272		1.646	
	5.337		200			5.731		203		
	5.137		199			5.528		204		
	4.938		399			5.324		407		
5	15.412	5.137		2.058		16.583	5.528		2.055	
		20.703					26.573			

F.B. 2406 PG. 177

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 9:10 TO 1:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-38 To B.M. 5-39
Date 8-1-56
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
	5.237	20.703	204	2.058		5.601	5.573	199	2.053	
	5.033		202			5.409		197		
	4.831		406			5.212		396		
6	15.101	5.034		2.464		16.229	5.410		2.449	
	5.299		208			5.573		205		
	5.091		208			5.368		201		
	4.883		416			5.167		406		
7	15.273	5.091		2.883		16.108	5.369		2.855	
	4.983		210			5.295		206		
	4.773		211			5.089		207		
	4.562		421			4.882		413		
8	14.318	4.773		3.301		15.266	5.089		3.268	
	5.118		200			5.408		215		+45.430
	4.918		199			5.193		212		-54.412
	4.719		399			4.981		427		- 8.982
9	14.755	4.918		3.700		15.582	5.194		3.695	
	5.091		180			6.951		173		B.M. COMPTON 1-10 A 1954
	4.911		180			6.778		175		ALAMEDA ST & 223RD ST., NEAR
	4.731		360			6.603		348		CENTER OF INTERSECTION, A STD.
10	14.733	4.911		4.060		20.332	6.777		4.043	L.A. CO. TRAVERSE STAT. BRASS DISC
		45.430					54.412			18" DEEP UNDER CAST IRON COVER

F.B. 2406 PG. 178

76P526 S & E #379 1-?

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 9.10 TO 10.20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-38 To B.M. 5-39
Date 8-1-56
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
				4.060					4.043 4.060 3.103 0.52mi	+6.572 - 5.301 + 1.271
	6.689 6.572 6.454		117 118 235			5.412 5.300 5.191		112 109 221		
11	19.715	6.572		4.295		15.903	5.301		4.264	B.M. 5-39 (U.S. 3746, R-6'5 1941 ALAMEDA ST. & 223rd ST
										SEE F.B. 1206-38 FOR DESC.
										SUMMATION OF RUN
						DIFF IN ELEV.				B.M. 5-38 TO COMPTON I-10A -8.982
						"	"	"		COMPTON I-10A TO B.M. 5-39 +1.271
						"	"	"		B.M. 5-38 TO B.M. 5-39 -7.711

F.B. 2406 PG. 179

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Part Cloudy Inst. No. 50010
Notes by G. E. DREIER Time 10:20 To 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-39 To B.M. 5-38
Date 8-1-56
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
	5.498		115			6.766		117		B.M. 5-39 (U.S. 3746, R-615 1941)
	5.383		111			6.649		116		ALAMEDA ST. & 223rd ST
	5.272		226			6.533		233		SEE F.B. 1206-38
1	16.153	5.384		.226		19.948	.49		.235	FOR DESC.
										+ 5.384
										− 6.649
										− 1.265
										B.M. COMPTON I-10 A 1954
										ALAMEDA ST. & 223rd ST.
	6.978		173			5.121		180		NEAR CENTER OF INTERSECTION
	6.805		173			4.941		180		A STD. L.A.CO. TRAVERSE STAT.
	6.632		346			4.761		360		BRASS DISC. 18" DEEP UNDER
2	20.415	6.805		.572		14.823	[illegible]		.593	CAST IRON COVER
	5.318		207			5.039		206		
	5.111		204			4.833		202		
	5.907		411			4.631		408		
3	16.336	5.112		.983		14.503	[illegible]		1.001	
	5.303		206			4.993		211		
	5.097		206			4.782		210		
	4.891		412			4.572		421		
4	15.291	5.097		1.395		14.347	[illegible]		1.422	
		17.016					[illegible]			

F.B. 2406 P.G. 80

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 Inst. No. 50010
Notes by G.E. DREIER Time 10:20 TO 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-39 To B.M. 5-38
Date 8-1-56
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
	5.451	17.016	203	1.395		5.178	14.557	208	1.422	
	5.248		200			4.970		209		
	5.048		403			4.761		417		
5	15.747	5.249		1.798		14.909	4.970		1.839	
	5.711		200			5.339		200		
	5.511		196			5.139		201		
	5.315		396			4.938		401		
6	16.537	5.512		2.194		15.416	5.139		2.240	
	5.453		212			5.035		189		
	5.241		213			4.846		190		
	5.028		425			4.656		379		
7	15.722	5.241		2.619		14.537	4.846		2.619	
	5.571		209			5.271		208		
	5.362		205			5.063		204		
	5.157		414			4.859		412		
8	16.090	5.363		3.033		15.193	5.064		3.031	
	5.398		201			5.169		205		
	5.197		201			4.964		203		
	4.996		402			4.761		408		
9	15.591	5.197		3.435		14.894	4.965		3.439	
		43.578					39.541			

F.B. 2406 P.G. 181

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:20 TO [illegible] Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-39 To B.M. 5-38
Date 8-1-56
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
	5.478	43.578	205	3.435		5.158	[illegible]	205	3.439	
	5.273		204			4.953		205		+ 54.767
	5.069		409			4.743		410		− 45.784
10	15.820	5.273		3.844		14.859	[illegible]		3.849	+ 8.983
	6.129		213			1.508		219		
	5.916		214			1.289		216		B.M. 5-38 (U.S. 2867, D-167, 193[illegible]
	5.702		427			1.073		435		ALAMEDA ST. & CARSON ST.
11	17.747	5.916		4.271		3.870	[illegible]		4.284	SEE F.B. 1206-37 FOR DESC
		54.767					[illegible]			
										SUMMATION OF RUN
						DIFF IN ELEVATION				B.M. 5-39 TO COMPTON I-10A −1.265
						" " "				COMPTON I-10A TO B.M. 5-38 + 8.983
										B.M. 5-39 TO B.M. 5-38 +7.718

F.B. 2406 P.G. 182

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 SMOGGY Inst. No. 50010
Notes by G. E. DREIER Time Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From COMP. I-10A To B.M. 5-39
Date 8-8-56
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
	6.743		116			5.469		111		B.M. COMPTON I-10A 1954
	6.627		119			5.358		109		ALAMEDA ST. & 223RD ST.
	6.508		235			5.249		220		NEAR CENTER OF INTERSECTION
1	19.878	6.626		235		16.076	5.359		220	A. STD. L.A. CITY TRAVERSE STATION
		5.359								BRASS DISC, 18" DEEP UNDER
		+1.269								CAST IRON COVER
										B.M. 5-39 (U.S. 3746 R-615 1941)
	5.473		111			6.748		117		ALAMEDA ST. & 223RD ST.
	5.362		110			6.631		117		SEE F.B. 206-28 FOR DESC.
	5.252		221			6.514		234		
1	16.087	5.362		221		19.893	6.631		234	B.M. COMPTON I-10A 1954
							5.362			ETC.
							-1.269			

F.B. 2406 PG. 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

L.A. CO. PRECISE LEVEL NET

Chief of Party G. E. DREIER Weather Inst. No.

Notes by Time Rod No.

Name
Job No.
From To
Date
Indexed

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

F.B. 2406 P.G. 184

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 G. E. DREIER Time 8:00 TO 8:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-39 To B.M. 5-40
Date 8-2-56
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
	5.331		203		#11	5.588		200		B.M. 5-39 (U.S. 3746, R-615 1941)
	5.128		200			5.388		197		ALAMEDA ST. & 223rd ST.
	4.928		403			5.191		397		SEE F.B. 1206-38 FOR DESC.
1	15.387	5.129		.403	68°	16.067	5.389		.397	
	5.172		195			5.472		204		
	4.977		197			5.268		200		T. J. MOODY
	4.780		392			5.068		404		
2	14.929	4.976		.795		15.808	5.269		.801	
	5.339		215			5.431		213		
	5.124		213			5.218		211		
	4.911		428			5.007		424		
3	15.374	5.125		1.223		15.656	5.219		1.225	
	4.546		203			5.118		207		
	4.343		201			4.911		203		
	4.142		404			4.708		410		
4	13.031	4.344		1.627		14.737	4.912		1.635	
	5.042		199			5.512		196		
	4.843		196			5.316		197		
	4.647		395			5.119		393		
5	14.532	4.844		2.022		15.947	5.316		2.028	
		24.418					26.105			

F.B. 2406 P.G. 185

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 QUERCA Inst. No. 50010
Notes by G. E. DREIER Time 8:00 TO 8:00 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 5-39 To B.M. 5-40
Date 8-2-56
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
	5.223	2.4418	198	2.022		5.639	5.105	198	2.028	
	5.025		197			5.441		194		
	4.828		395			5.247		392		
6	15.076	5.025		2.417		16.327	5.442		2.420	
	5.102		205			5.458		203		
	4.897		206			5.255		199		
	4.691		411			5.056		402		
7	14.690	4.897		2.828		15.769	5.256		2.822	
	5.182		198			5.656		201		
	4.984		196			5.455		199		
	4.788		394			5.256		400		
8	14.954	4.985		3.222		16.367	5.456		3.222	
	5.101		199			5.554		197		
	4.902		198			5.357		198		
	4.704		397			5.159		395		
9	14.707	4.902		3.619		16.070	5.357		3.617	
	5.342		195			5.820		193		
	5.147		198			5.627		196		
	4.949		393			5.431		389		
F.B. 2406 P.G. 186 10	15.438	5.146		4.012		16.878	5.626		4.006	
		49.375					54.242			
		3								

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 8:00 TO 8:50 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 5-39 To B.M. 5-40
Date 8-2-56
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
	5.071	49.375 (3)	194	4.012		6.083	53.242	196	4.006	
	4.877		193			5.887		196		
	4.684		387			5.691		392		
11	14.632	4.877		4.399		17.661	5.887		4.398	
	5.199		080			5.264		085		
	5.119		079			5.179		083		B.M. 5-40 U.S. 4098, L-768 1945
	5.040		159			5.096		168		ALAMEDA ST. & DOMINGUEZ CHAN.
12	15.358	5.119		4.558		15.539	5.180		4.566	SEE F.B. 1206-39 FOR DESC.
									4.558	
									8.124	
									9	
									0.60 mi	
										SUMMATION OF RUN
										B.M. 5-39 TO B.M. 5-40
										TOTAL BACKSIGHTS +59.374
										TOTAL FORESIGHTS −64.309
										DIFF IN ELEVATION −4.935
		59.374					64.309			

F.B. 2406 P.G. 187

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 SMOGGY Inst. No. 50010
Notes by G. E. DREIER Time 12:55 TO 1:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-40 To B.M. 5-39
Date 8-2-56
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
	5.264		.085		#11	5.2[illegible]		.081		B.M. 5-40 (U.S. 4098, L-768 1945)
	5.179		.083			5.12[illegible]		.079		ALAMEDA ST. & DOMINGUEZ CHANNEL
	5.096		.168			6.04[illegible]		.160		SEE F.B. 1206-39 FOR DESC
1	15.539	5.180		.168	80°	15.365	5.122		.160	
	6.128		.197			5.113		.194		
	5.931		.193			4.919		.191		
	5.738		.390			4.728		.385		
2	17.797	5.932		.558		14.760	4.920		.545	T. J. MOODY
	5.837		.198			5.356		.201		
	5.639		.194			5.155		.197		
	5.445		.392			4.958		.398		
3	16.921	5.640		.950		15.469	5.156		.943	
	5.518		.200			5.061		.199		
	5.318		.196			4.862		.200		
	5.122		.396			4.662		.399		
4	15.958	5.319		1.346		14.585	4.862		1.342	
	5.619		.200			5.145		.198		
	5.419		.200			4.947		.199		
	5.219		.400			4.748		.397		
5	16.257	5.419		1.746		14.840	4.947		1.739	
		27.490					21.007			

F.B. 2406 P.G. 188

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Smogy Inst. No. 50010
Notes by G. E. DREIER Time 12:55 PM Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 5-40 To B.M. 5-39
Date 8-2-56
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
	5.513	27.490	200	1.746		5.158	25.007	207	1.739	
	5.312		200			4.951		206		
	5.112		400			4.745		413		
6	15.937	5.312		2.146		14.854	4.951		2.152	
	5.694		199			5.279		200		
	5.495		196			5.079		197		
	5.299		395			4.882		397		
7	16.488	5.496		2.541		15.240	5.080		2.549	
	5.359		194			4.893		199		
	5.165		197			4.694		197		
	4.968		391			4.497		396		
8	15.492	5.164		2.932		14.084	4.695		2.945	
	5.198		205			4.627		200		
	4.993		202			4.427		200		
	4.791		407			4.227		400		
9	14.982	4.994		3.339		13.281	4.427		3.345	
	5.487		215			5.394		217		
	5.272		213			5.177		214		
	5.059		428			4.963		431		
10	15.818	5.273		3.767		15.534	5.178		3.776	
		53.729					49.338			

F.B. 2406 P.G. 189

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 12:45 TO 1:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE)
Job No. 0301.02
From B.M. 5-40 To B.M. 5-39
Date 8-2-56
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
	5.478	53.729	206	3.767		5.183	5.338	196	3.776	
	5.272		203			4.987		196		
	5.069		409			4.791		392		
11	15.819	5.273		4.176		14.961	4.987		4.168	
	5.511		199			5.252		204		
	5.312		195			5.048		203		B.M. 5-39 (U.S. 3746, R-615 1941)
	5.117		394			4.845		407		ALAMEDA ST. & 223RD ST.
12	15.940	5.313		4.570		15.145	5.048		4.575	SEE F.B. 1206-38 FOR DESC.
										SUMMATION OF RUN
										B.M. 5-40 TO B.M. 5-39
										TOTAL BACKSIGHTS + 64.315
										TOTAL FORESIGHTS - 59.373
										DIFF IN ELEVATION + 4.942
		64.315					59.373			

F.B. 2406 P.G. 190

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 8:50 TO 9:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NO. 1
Job No. 0301.02
From B.M. 5-40 To B.M. 5-42
Date 8-2-56
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
	4.816		269		#11	5369		261		B.M. 5-40 (U.S. 4098, L-768 1945)
	4547		267			5108		261		ALAMEDA ST. & DOMINGUEZ CHANNEL
	4280		536			4847		522		SEE F.B. 1206-39 FOR DESC.
1	13643	4.548		536	70°	15324	5.108		522	
	5282		208			5516		214		
	5074		206			5302		212		⊼ G.E. DREIER
	4868		414			5090		426		
2	15224	5.075		.950		15908	5.303		.948	
	5809		210			5330		204		
	5599		209			5126		204		
	5390		419			4922		408		
3	16798	5.599		1.369		15378	5.126		1.356	
	4912		201			5423		209		
	4711		201			5214		207		
	4510		402			5007		416		
4	14133	4.711		1.771		15644	5.215		1.772	
	4944		207			5481		211		
	4737		206			5270		211		
	4531		413			5059		422		
5	14212	4.737		2.184		15810	5.270		2.194	
		24.670					26.022			

F.B. 2406 P.G. 191

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. MOORY Time 8:50 to [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 5-40 To BM 5-42
Date 8-2-56
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
	5057	24.670'	207	21.84'		5885	[illegible]322'	211	2.194'	
	4850		207			5674		207		
	4643		414'			5467		418'		
6	14.550'	4.850'		2.598'		17.026'	5.675'		2.612'	
	5486		207			5371		204		
	5279		204			5167		205		
	5075		411'			4962		409'		+ 44.330'
7	15.840'	5.280'		3.009'		15.500'	5.167'		3.021'	− 46.377'
	5286		207			5727		210		B.M. 5-40 TO BM. 5-41 − 2.047'
	5079		209			5517		209		
	4870		416'			5308		419'		+ 5.357'
8	15.235'	5.078'		3.425'		16.552'	5.517'		3.440'	− 2.821'
										B.M. 5-41 TO BM. 5-42 + 2.536'
	4661		209			4214		218		BM 5-41 (L.A.CO.R.D.)
	4452		208			3996		219		ALAMEDA ST. & SEPULVEDA BLVD.
	4244		417'			3777		437'		SEE F.B. 1206-40 FOR DESC.
9	13.357'	4.452'		3.842'		11.987'	3.996'		3.877'	
	5507	4.330'	150			2971	2.971'	150	3.842'	
	5357		150			2821		150	= 0.150 mi	B.M. 5-42 (F.C. B.M. 111-8A) (U.S. 4099)
	5207		300'			2671		300'		ALAMEDA ST. & SEPULVEDA BLVD.
10	16.071'	5.357'		4.142'		8.463'	2.821'		4.177'	SEE F.B. 1206-40 FOR DESC.

F.B. 2406 P.G. 192

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 & SUNNY Inst. No. 50010
Notes by J.A. MOODY Time 12:20 to 12:55 Rod No. 11 8 12

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 5-42 To B.M. 5-40
Date 8-2-56
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
	3047		151		#11	5582		151		B.M. 5-42 (F.C. B.M. 111-8A)(U.S. 4099)
	2896		153			5431		150		ALAMEDA St & SEPULVEDA BL
	2743		304'			5281		301'		SEE F.B. 1206-40 FOR DESC.
1	8686'	2.895'		304'	80°	16294'	5.431'		301'	
	4243		215			4693		211		B.M. 5-41
	4028		216			4482		211		ALAMEDA St & SEPULVEDA BL.
	3812		431'			4271		422'		SEE F.B. 1206-40 FOR DESC.
2	12083'	4.028'		735'		13446'	4.482'		723'	
	5816		209			5373		207		+2.895'
	5607		210			5166		206		-5.431'
	5397		419'			4960		413'		-2.536'
3	16820'	5.607'		1.154'		15499'	5.166'		1.136'	
	5521		205			5637		207		
	5316		205			5430		204		
	5111		410'			5226		411'		
4	15948'	5.316'		1.564'		16293'	5.431'		1.547'	
	6022		206			5200		208		
	5816		209			4992		204		
	5607		415'			4788		412'		
5	17445'	5.815'		1.979'		14980'	4.993'		1.959'	
		20.766'					20.072'			

F.B. 2466 P.G. 193

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 12:20 to 12:55 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No 030102
From BM 5-42 To BM 5-40
Date 8-2-56
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
	5423	20.766'	205	1.979'		4897	[illegible]	210	1.959'	
	5218		206			4687		212		
	5012		411'			4475		422'		
6	15653'	5.218'		2.390'		14059'	4.686'		2.381'	
	5659		208			5147		201		
	5451		208			4946		201		
	5243		416'			4745		402'		
7	16353'	5.451'		2.806'		14838'	4.946'		2.783'	
	5352		204			5828		210		
	5148		204			5618		208		
	4944		408'			5410		418'		+47.596'
8	15444'	5.148'		3.214'		16856'	5.619'		3.201'	- 45.546'
										B.M. 5-42 TO B.M. 5-41 + 2.050'
	5727		213			5490		208		
	5514		213			5282		209		
	5301		426'			5073		417'		
9	16542'	5.514'		3.640'		15845'	5.282'		3.618'	
	5756		258			5211		271		BM 5-40 (U.S. 4098, L-768 1945)
	5498		256			4940		269		ALAMEDA ST. & DOMINGUEZ CHANNEL
	5242		514'			4671		540'		SEE F.B. 1206-39 FOR DESC.
10	16496'	5.499'		4.154'		14822'	4.941'		4.158'	
		47.596'					45.546'			

F.B. 2406 P.G. 196

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 10:20 Rod No. 11 & 12

Name A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-42 To B.M. 8-44
Date 8-2-56
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
	9.061		118		#11	6.593		121		B.M. 5-42 (F.C. B.M. 111-8A) (U.S. 4099)
	8.943		115			6.472		120		ALAMEDA ST. & SEPULVEDA BLVD.
	8.828		233			6.352		241		SEE F.B. 1206-40 FOR DESC.
1	26.832	8.944		.233	71°	19.417	6.472		.241	
	2.813		202			6.398		205		
	2.611		202			6.193		202		
	2.409		404			5.991		407		
2	7.833	2.611		.637		18.582	6.194		.648	T J. MOODY
	6.262		205			5.667		205		
	6.057		205			5.462		201		
	5.852		410			5.261		406		
3	18.171	6.057		1.047		16.390	5.463		1.054	
	5.858		201			5.678		202		
	5.657		203			5.476		200		
	5.454		404			5.276		402		
4	16.969	5.656		1.451		16.430	5.477		1.456	
	5.739	23 268	202			5.578	23 606	204		
	5.537		201			5.304		202		
	5.336		403			5.102		406		
5	16.612	5.537		1.854		15.914	5.305		1.862	
		28.805					28.911			

F.B. 2406 PG. 195

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 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-42 To B.M. 5-44
Date 8-2-56
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
	5.533	28.805	202	1.854		5.222	[illegible]	203	1.862	
	5.331		200			5.019		205		
	5.131		402			4.814		408		
6	15.995	5.332		2.256		15.055	5.018		2.270	
	9.102		203			3.923		204		
	8.899		201			3.719		204		
	8.698		404			3.515		408		
7	26.699	8.900		2.660		11.157	3.719		2.678	
	7.503		204			3.837		205		
	7.299		201			3.632		201		
	7.098		405			3.431		406		
8	21.900	7.300		3.065		10.900	3.633		3.084	
	7.203		184			4.178		190		+57.357
	7.019		180			3.988		188		-45.270
	6.839		364			3.800		378		Bm. 5-42 TO Bm. 5-43 +12.087
9	21.061	7.020		3.429		11.966	3.989		3.462	
		57.357					45.270		3.429 6.891 0.44mi.	B.M. 5-43 (U.S. 4100, K-768 1945) ALAMEDA ST. 0.4 mi. S. of SEPULVEDA SEE F.B. 1206-41 FOR DESC.

F.B. 2406 P.G. 196

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 10:20 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 5-42 To B.M. 5-44
Date 8-2-56
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
	6.622		194	3.429		5.066		191	3.462	
	6.428		196			4.875		188		
	6.232		390			4.687		379		
10	19.282	6.427		3.819		14.628	4.876		3.841	
	6.194		197			5.158		201		+ 20.760
	5.997		196			4.957		199		− 15.588
	5.801		393			4.758		400		+ 5.172
11	17.992	5.997		4.212		14.873	4.958		4.241	
	8.437		102			5.853		100		
	8.335		099			5.753		098		B.M. 5-44 (L.A. CO. RD. DEPT B.M. 1)
	8.236		201			5.655		198		ALAMEDA ST & L.A. CITY BDRY
12	25.008	8.336		4.413		17.261	5.754		4.439	SEE F.B. 1206-47 FOR DESC.
		20.760					15.588			

F.B. 2406 P.G. 197

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER
Notes by G. E. DREIER
Weather THIN OVERCAST Inst. No. 50010
Time 10:20 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-43 To B.M. 5-42
Date 8-2-56
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
	5.857		100		#11	8.439		100		B.M. 8-44 (L.A. CO. RD. DEPT. B.M. 1)
	5.757		099			8.339		100		ALAMEDA ST. & L.A. CITY BDRY.
	5.658		199			8.239		200		SEE F.B. 1206-41 FOR DESC.
1	17.272	5.757		.199	71°	25.017	8.339		.200	
	9.183		214			10.217		204		
	8.969		210			10.013		202		A. J. MOODY
	8.759		424			9.811		406		
2	26.911	8.970		.623		30.041	10.014		.606	
	5.463		192			7.024		205		+19.998
	5.271		192			6.819		201		-25.173
	5.079		384			6.618		406		-5.175
3	15.813	5.271		1.007		20.461	6.820		1.012	
		19.998					25.173		1.007 2.019 0.13	B.M. 5-43 (U.S. 4100, K-768 1945)
										ALAMEDA ST, 0.4 MI. S. OF SEPULVEDA BLVD.
										SEE F.B. 1206-41 FOR DESC.
	4.168		191			7.188		181		
	3.977		190			7.007		179		
	3.787		381			6.828		360		
4	11.932	3.977		1.388		21.023	7.008		1.372	

F.B. 2406 P.G. 198

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 10:20 TO 11:00 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-44 To B.M. 5-42
Date 8-2-56
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
	3,839	3.977	202	1,388		7508	7.008	206	1,372	
	3,637		205			7,302		204		
	3.432		407			7.098		410		
5	10,908	3.636		1.795		21,908	7.303		1,782	
	3,737		206			8,911		203		
	3,531		203			8,708		201		
	3,328		409			8,507		404		
6	10,596	3.532		2204		26,126	8.709		2,186	
	5,235		206			5,542		203		
	5,029		205			5,339		200		
	4,824		411			5,139		403		
7	15,088	5.029		2,615		16,020	5.340		2589	
	5,491		204			5,719		201		
	5,287		203			5,518		200		
	5,084		407			5,318		401		
8	15,862	5.287		3.022		16,555	5.518		2.990	
	5,613		195			5807		209		
	5,418		197			5,598		206		
	5,221		392			5,392		415		
9	16,252	5,417		3,414		16,797	5.599		3,405	
		26,878					39,477			

F.B. 2406 P.G. 199

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 10:20 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-44 To B.M. 5-42
Date 8-2-56
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
	5.662	26.878	203	3.414		6.259	[illegible]	207	3.405	
	5.459		200			6.052		204		
	5.259		403			5.848		411		
10	16.380	5.460		3.817		18.159	6.053		3.816	
	6.341		202			2.759		205		+44.937
	6.139		201			2.554		202		-57.026
	5.938		403			2.352		407		-12.089
11	18.418	6.139		4.220		7.665	2.555		4.223	
	6.591		122			9.058		117		
	6.469		120			8.941		116		B.M. 5-42 (F.C.B.M. 111-8A) U.S. 4094
	6.349		242			8.825		233		ALAMEDA ST. & SEPULVEDA BLVD.
12	19.409	6.470		4.462		26.824	[illegible]		4.456	SEE F.B. 1206-40 FOR DESC.
		44.937					57.026			

F.B. 2406 P.G. 200

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 J. A. MOODY Time 2:00 to 2:30 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 5-44 To B.M. 5-45
Date 8-7-56
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
	6608		097		# 11	8033		124		B.M. 5-44 (CO. L.A. ROAD BM. 1)
	6511		094			7909		126		ALAMEDA ST. & L.A. CITY BDRY.
	6417		191			7783		250		SEE F.B 1206-41 FOR DESC.
1	19536	6.512		.191	78°	23725	7.908		.250	
	6305		208			5302		184		
	6097		204			5118		183		
	5893		412			4935		367		T G.E. DREIER
2	18295	6.098		.603		15355	5.118		.617	
	6029		195			5603		190		
	5834		192			5413		188		
	5642		387			5225		378		
3	17505	5.835		.990		16241	5.414		.995	
	5787		197			5658		195		
	5590		198			5463		192		
	5392		395			5271		387		
4	16769	5.590		1.385		16392	5.464		1.382	
	5617		195			5842		192		
	5422		192			5650		191		
	5230		387			5459		383		
5	16269	5.424		1.772		16951	5.650		1.765	
		29.458					29.554			

F.B. 2406 P.G. 201

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 J. A. MOODY Time 2:00 to 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 5-44 To BM 5-45
Date 8-7-56
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
	5824	29.458	190	1772		5763	29.554	190	1765	
	5634		192			5573		190		
	5442		382			5383		380		
6	16900	5.633		2154		16719	5.573		2145	
	5598		185			5782		189		
	5413		182			5593		186		
	5231		367			5407		375		
7	16242	5.414		2521		16782	5.594		2520	
	5611		193			5598		196		
	5418		191			5402		193		
	5227		384			5209		389		
8	16256	5.419		2905		16209	5.403		2909	
	4868		078			4915		073		BM 5-45 (U.S. 3747 J-615 1941)
	4790		077			4842		073		ALAMEDA ST AT THENARD TUNER
	4713		155			4769		146		SEE F.B. 1206-43 FOR DESC
9	14371	4.790		3060		14526	4.842		3055	
									3060	SUMMATION OF RUN
									6115	B.M. 5-44 TO B.M. 5-45
									= 0.40 mi	
										TOTAL BACKSIGHTS +50.714
										TOTAL FORESIGHTS -50.966
10										DIFF IN ELEVATIONS - 0.252
		50.714					50.966			

F.B. 2406 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 OVERCAST Inst. No. 50010
Notes by J.A. MOODY Time 8:30 to 9:10 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NF
Job No. 0301.02
From BM 5-45 To BM 5-44
Date 8-8-56
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
	5471		077		#11	5416		074		BM 5-45 (U.S. 3747 J-615 1941)
	5394		076			5342		071		ALAMEDA ST AT THENARD TOWER
	5318		153			5271		145		SEE F.B. 1206-43 FOR DESC.
1	16183	5394		153		16029	5343		145	
	5510		197			5527		196		
	5313		193			5331		193		* G.E. DREIER
	5120		390			5138		389		
2	15943	5314		543		15996	5332		534	
	5606		189			5422		184		
	5417		189			5238		185		
	5228		378			5053		369		
3	16251	5417		921		15713	5238		903	
	5513		193			5576		189		
	5320		190			5387		189		
	5130		383			5198		378		
4	15963	5321		1304		16161	5387		1281	
	5481		193			5251		193		
	5288		195			5058		192		
	5093		388			4866		385		
5	15862	5287		1692		15175	5058		1666	
		26.733					26.358			

F.B. 2406 P.G. 203

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DRIEIER Weather OVERCAST Inst. No. 50010
Notes by J. A. MOODY Time 8:30 to 9 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 5-45 To BM 5-44
Date 8-8-56
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
	4526	26733	198	1692		4649	26358	197	1666	
	4328		197			4452		194		
	4131		395			4258		391		
6	12985	4328		2087		13359	4453		2057	
	5561		188			5994		198		
	5373		185			5796		198		
	5188		373			5598		396		
7	16122	5374		2460		17388	5796		2453	
	5192		194			6169		196		
	4998		192			5973		194		
	4806		386			5779		390		
8	14996	4999		2846		17921	5974		2843	
	7988		118			6582		105		BM 5-44 (CO. L.A. ROAD BM 1)
	7870		117			6477		104		ALAMEDA St & L.A. City BDRY.
	7753		235			6373		209		SEE F.B. 1206-41 FOR DESC.
9	23611	7870		3081		19432	6477		3052	
										SUMMATION OF RUN
										BM 5-45 to BM 5-44
										TOTAL BACKSIGHTS +49.304
										" FORE " -49.058
		49.304					49.058			DIFF IN ELEV. +0.246

F.B. 2406 P.G. 204

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 J. A. MOODY Time 10:15 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0391.02
From BM 5-45 To BM 5-46
Date 8-3-56
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
	5633		201		#11	5601		203		BM 5-45 (U.S. 3747) J615-1941
	5432		198			5398		201		ALAMEDA St. & THENARD tower
	5234		399			5197		404		SEE F.B. 1206-43 for DESC.
1	16.299	5.433		399	75°	16.196	5.399		404	
	5790		198			5319		199		
	5592		197			5120		198		
	5395		395			4922		397		* G.E. DREIER
2	16.777	5.592		794		15361	5.120		801	
	6498		198			6729		200		
	6300		198			6529		199		
	6102		396			6330		399		
3	18900	6.300		1190		19588	6.529		1200	
	9079		189			9077		196		
	8890		189			8881		193		
	8701		378			8688		389		
4	26.670	8.890		1.568		26.646	8.882		1.589	
	9507		188			9578		191		
	9319		187			9387		190		
	9132		375			9197		381		
5	27.958	9.319		1.943		28.162	9.387		1.970	
		35.934					35.317			

F.B. 2406 P.G. 205

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 10:15 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 5-45 To BM 5-46
Date 8-3-56
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
	7982	3.5534	190	1.943		8348	3.5317	193	1.970	
	7792		190			8155		192		
	7602		380			7963		385		
6	23376	7.792		2.323		24466	8.155		2.355	
	7019		201			8071		211		
	6818		201			7860		210		
	6617		402			7650		421		
7	20454	6.818		2.725		23581	7.860		2.776	
	6907		217			8613		195		
	6690		213			8418		196		
	6477		430			8222		391		
8	20074	6.691		3.155		25253	8.418		3.167	
	4990		192			6486		195		
	4798		191			6291		194		
	4607		383			6097		389		
9	14395	4.798		3.538		18874	6.291		3.556	
	8065		175			4871		172		
	7890		173			4699		171		
	7717		348			4528		343		
10	23672	7.891		3.886		14098	4.699		3.899	
		69.524					70.740			

F.B. 2406 P.G. 206

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 & G. E. D Time 12:00 TO 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 5-45 To BM 5-46
Date 8-3-56
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
	6087	69.524	193	3.886		6872	70.740	181	3.899	
	5894		191			6691		181		
	5703		384			6510		362		
11	17.684	5.895		4.270		20.073	6.691		4.261	
		75.419					77.431		4.270 8.531 -0.55 mi	BM. CO. L.A. ROAD. BRASS CAP MON AT CENTER OF BLINN AVE. & L.A. CITY BDRY
	3.398		227			8.392		234		
	3.171		229			8.158		230		
	2.942		456			7.928		464		
12	9.511	3.170		4.726		24.478	8.159		4.725	
	6.264		189			4.812		189		
	6.075		187			4.623		186		
	5.888		376			4.437		375		
13	18.227	6.076		5.102		13.872	4.624		5.100	
	6.982		180			4.325		188		
	6.802		180			4.137		186		
	6.622		360			3.951		374		
14	20.406	6.802		5.462		12.473	4.138		5.474	
		16.048					16.921			

+75.419
-77.431
-2.012

J. MOODY

F.B. 2406 P.G. 207

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 12:00 T o Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-45 To B.M. 5-46
Date 8-3-56
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
	6.964	16.048	192	5.462		4.601	16.921	183	5.474	
	6.772		190			4.418		181		
	6.582		382			4.237		364		
15	20.318	6.773		5.844		13.256	4.419		5.838	
	6.959		191			4.548		181		
	6.768		190			4.367		180		
	6.578		381			4.187		361		
16	20.305	6.768		6.225		13.102	4.367		6.199	
	6.831		188			4.792		184		
	6.643		186			4.608		180		
	6.457		374			4.428		364		
17	19.931	6.644		6.599		13.828	4.609		6.563	
	6.467		194			5.267		191		
	6.273		190			5.076		188		
	6.083		384			4.888		379		
18	18.823	6.274		6.983		15.231	5.077		6.942	
	5.963		192			5.107		189		
	5.771		193			4.918		187		
	5.578		385			4.731		376		
19	17.312	5.771		7.368		14.756	4.919		7.318	
		48.278					4.812			

F.B. 2406 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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 12:00 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.30.6.02
From B.M. 5-45 To B.M. 5-46
Date 8-3-56
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
	3.764	48.278	201	7.368		4.559	40.312	196	7.318	
	3.563		198			4.363		195		
	3.365		399			4.168		391		
20	10.692	3.564		7.767		13.090	4.363		7.709	
	5.638		199			4.625		202		
	5.439		200			4.423		199		
	5.239		399			4.224		401		
21	16.316	5.439		8.166		13.272	4.424		8.110	
	6.095		202			5.017		194		
	5.893		200			4.823		191		
	5.693		402			4.632		385		
22	17.681	5.894		8.568		14.472	4.824		8.495	
	5.111		188			5.163		201		
	4.923		185			5.962		200		
	4.738		373			5.762		401		
23	14.772	4.924		8.941		17.887	5.962		8.896	
	4.745		093			8.548		110		
	4.652		091			8.438		110		
	4.561		184			8.328		220		
24	13.958	4.653		9.125		25.314	8.438		9.116	
		72.752					68.323			

+72.752
-68.323
+4.429

F.B. 2406 P.G. 209

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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 12:00 TO [illegible] Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-45 To B.M. 5-46
Date 8-3-56
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
				9.125					9.116	B.M. CO. LA. ROAD B.M. BRASS CAP MON. AT CENTER OF EUBANK AVE ON CITY L.A. BDRY.
	7.090		118			4.707		129		+11.779
	6.972		114			4.578		128		-8.048
	6.858		232			4.450		257		+3.731
25	20.920	6.973		9.357		13.735	4.578		9.373	
	4.943		136			3.582		111		B.M. CITY L.A. DEPT OF PUBLIC WORKS BRASS DISC AT S.W. COR OF CONC. ENTRANCE TO WATER & POWER SUBSTATION
	4.807		139			3.471		113		
	4.668		275			3.358		224		
26	14.418	4.806		9.632		10.411	3.470		9.597	
	3.562	11.779	157			5.657	5.048	146		AT S.E. COR OF LOMITA BLVD. & WILMINGTON AVE.
	3.405		159			5.511		143		
	3.246		316			5.368		389		B.M. 5-46 (CO. LA. ROAD B.M.) LOMITA BLVD. & WILMINGTON AVE.
27	10.213	3.404		9.948		16.536	5.512		9.986	
					-5.512 +3.404 -2.108	DIFF. ELEV.		B.M. 5-45 TO BLINN BLINN TO EUBANK EUBANK TO CITY CITY TO		SEE F.B. 1206-44 FOR DESC. -2.012 +4.429 +3.731 -2.108 B.M. 5-46

F.B. 2406 P.G. 210

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 7:40 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 5-46 To B.M. 5-45
Date
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
	5.666		151			3.562		153		B.M. 5-46 (CO. L.A. ROAD, & INTER.)
	5.515		149			3.409		151		LOMITA BLVD. & WILMINGTON AVE
	5.366		300			3.258		304		SEE F.B. 1206-44 FOR DESC.
1	16.547	5.516		.300		10.229	3.410		.304	
							5.516 -3.410 +2.106			L.A. CITY DEPT. OF PUBLIC WORKS BRASS DISC AT S.E. COR. OF ENTRANCE STEPS TO W. & P. SUBSTATION AT S.E. COR
	3.863		235			7.603		245		OF LOMITA BLVD. & WILMINGTON AVE
	3.628		235			7.358		246		
	3.393		470			7.112		491		
2	10.884	3.628		.770		22.073	7.358		.795	
							7.358 -3.628 +3.730 -3.7			B.M. L.A. CO. ROAD B.M. BRASS CAP MON. 20" DEEP ON S. EDGE OF PAV. ON APPROX ℄ OF LOMITA BLVD. & EUBANK AVE
	8.071		095			4.298		105		F.B. 2406 P.G. 211
	7.976		095			4.193		102		
	7.881		190			4.091		207		
3	23.928	7.976		.960		12.582	4.194		1.002	

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 7:40 TO Rod No. 11 812

L. A. CO. PRECISE LEVEL NET
Name
Job No 0301.02
From B.M. 5-46 To B.M. 5-45
Date 8-3-56
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
	6.008	7.976	206	.960		4.951	[illegible]	183	1.002	
	5.802		203			4.768		185		
	5.599		409			4.583		368		
4	17.409	5.803		1.369		14.302	[illegible]		1.370	
	4.993		194			6.063		200		
	4.798		196			5.863		198		
	4.602		390			5.665		398		
5	14.392	4.797		1.759		17.591	[illegible]		1.768	
	4.627		201			5.641		202		
	4.426		198			5.439		200		
	4.228		399			5.239		402		
6	13.281	4.427		2.158		16.319	[illegible]		2.170	
	4.542		195			3.743		200		
	4.347		196			3.543		200		
	4.151		391			3.343		400		
7	13.040	4.347		2.549		10.629	3.543		2.570	
	4.998		190			5.852		193		
	4.808		189			5.659		191		
	4.619		379			5.468		384		
8	14.425	4.808		2.928		16.979	[illegible]		2.954	
		32.158					29.468			

F.B. 2406 P.G. 212

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: PART CLOUDY Inst. No. 50010
Notes by: G. E. DREIER Time: 7:40 TO Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 5-46 To: B.M. 5-45
Date: 8-3-56
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
	5305	32.158	192	2.928		6.502	29.468	190	2.954	
	5.113		188			6.312		190		
	4.925		380			6.122		380		
9	15.343	5.114		3.308		18.936	6.312		3.334	
	4.801		183			6.849		198		
	4.628		180			6.661		194		
	4.448		363			6.477		392		
10	13.877	4.629		3.671		19.987	6.662		3.726	
	3.822		183			6.233		192		
	3.642		184			6.041		189		
	3.458		367			5.852		381		
11	10.927	3.642		4.038		18.126	6.042		4.107	
	4587		185			6755		192		
	4402		183			6563		190		
	4219		368			6373		382		
12	13.208	4.403		4.406		20.291	6.764		4.489	
	4202		203			6.822		164		
	3999		200			6.658		161		
	3799		403			6.497		325		
13	12.000	4.000		4.809		19.977	6.659		4.814	
		53.946					61.907			

F.B. 2406 P.G. 213

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 PART CLOUDY Inst. No. 50010
Notes by DREIER & MOODY Time 7:40 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-46 To B.M. 5-45
Date 8-3-56
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
	4847	53.946	188	4.809		6308	61.907	189	4.812	
	4659		187			6119		188		
	4472		373			5931		377		
14	13.978	4.659		5.184		18.358	6.119		5.191	+66.972
	8.597		230			3.609		230		-71.406
	8.367		229			3.379		227		-4.434
	8.138		459			3.152		457		
15	25.102	8.367		5.643		10.140	3.380		5.648	
		66.972					71.406			B.M. "CO. L.A. ROAD" BRASS CAP MON. CENTER OF BLINN AVE & L.A. CITY BDRY, 12" DEEP
	6882		185			6089		189		
	6697		184			5900		189		
	6513		369			5711		378		
16	20092	6.697		6.012		17700	5.900		6.026	
	4946		173			8138		175		T. DREIER
	4773		172			7963		174		
	4601		345			7789		349		
17	14.320	4.773		6.357		23.890	7.963		6.375	
		11.470					13.863			

F.B. 2406 P.G. 214

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 HAZE - SUN Inst. No. 50010
Notes by J. A. MOODY Time 7:40 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 5-46 To BM 5-45
Date 8-3-56
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
	6443	11.470	193	6357		4951	13.863	193	6375	
	6250		193			4758		193		
	6057		386			4565		386		
18	18750	6.250		6743		14274	4.758		6761	
	5129		196			3413		206		
	4933		192			3207		206		
	4741		388			3001		412		
19	14803	4.934		7131		9621	3.207		7173	
	6350		212			5287		196		
	6138		211			5091		195		
	5927		423			4896		391		
20	18415	6.138		7554		15274	5.091		7564	
	8359		194			7987		189		
	8165		194			7798		188		
	7971		388			7610		377		
21	24495	8.165		7942		23395	7.798		7941	
	9728		193			9654		185		
	9535		191			9469		186		
	9344		384			9283		371		
22	28607	9.536		8326		28406	9.469		8312	
		46.493					44.186			

F.B. 2406 P.G. 215

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 7:40 to 10:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 5-46 To BM 5-45
Date 8-3-56
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
	9038	46.493'	192	8326'		9041	44.186'	189	8312'	
	8846		195			8852		187		
	8651		387'			8665		376'		
23	26535'	8.845'		8713'		26558'	8.853'		8688	
	6783		202			6550		198		
	6581		202			6352		195		
	6379		404'			6157		383'		
24	19743'	6.581'		9117'		19059'	6.353'		9081	
	5317		199			5787		198		+72.479'
	5118		197			5589		198		-70.458'
	4921		396'			5391		396'		+ 2.021'
25	15356'	5.119'		9513'		16767'	5.589'		9487	
	5641		200			5681		204		BM 5-45 (U.S. 3747) J615-1941
	5441		199			5477		204		ALAMEDA ST & THENARD TOWER
	5242		399'			5273		408'		SEE F.B. 1206-43 FOR DESC.
26	16324'	5.441'		9912'		16431'	5.477'		9885	
						DIFF IN ELEV.				SUMMATION OF RUN
										BM 5-46 TO CITY L.A. +2.106'
										CITY L.A. TO CO. RD. EUBANK -3.739'
										EUBANK TO BLINN -4.434'
		72.479'					70.458'			BLIN TO B.M. 5-45 +2.021'

F.B. 2406 P.G. 216

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 11:30 TO 12:00 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 5-46 To B.M. 5-47
Date 7-6-56
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
	6.771		192		#11	4.543		216		B.M. 5-46 (CO. L.A. ROAD B.M.)
	6.579		191			4.327		216		LOMITA BLVD. & WILMINGTON AVE.
	6.388		383			4.111		432		SEE F.B. 1206-44 FOR DESC.
1	19.738	6.579		.383	80°	12.981	4.327		.432	
	5.798		215			5.128		217		
	5.583		211			4.911		216		↑ J. MOODY
	5.372		426			4.695		433		
2	16.753	5.584		.809		14.734	4.911		.865	
	5.932		213			6.930		214		
	5.719		212			6.719		210		
	5.507		425			6.509		421		
3	17.158	5.719		1.234		20.158	6.719		1.286	
	6.196		221			5.413		205		
	5.975		220			5.208		205		
	5.755		441			5.003		410		
4	17.926	5.975		1.675		15.624	5.208		1.696	
	5.508		219			5.069		206		
	5.289		218			4.863		207		
	5.071		437			4.659		410		
5	15.868	5.289		2.112		14.591	4.864		2.106	
		29.146					26.029			

F.B. 2406 P.G. 217

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE - HAZE Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:30 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 5-46 To B.M. 5-47
Date 8-6-56
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
	5.582	29.146	155	2.112		5.051	26.629	171	2.106	+ 34.573
	5.427		156			4.880		169		− 30.910
	5.271		301			4.711		340		+ 3.663
6	16.280	5.427		2.413		14.642	4.881		2.446	B.M. WILMINGTON E-1, 1948
		34.573		2.446			30.910			LOMITA BLVD. & AVALON BLVD,
				4.859						NEAR ℄ INTERSECTION, A STD
				0.31 mi.						L.A. CITY TRAVERSE STAT., 14"
										BELOW SURFACE IN HANDHOLE
	5.383		225			5.649		210		
	5.158		225			5.439		208		
	4.933		450			5.231		418		
7	15.474	5.158		2.863		16.319	5.440		2.864	
	5.654		216			6.985		207		
	5.438		215			6.778		206		
	5.223		431			6.572		413		
8	16.315	5.438		3.294		20.335	6.778		3.277	
	5.842		215			6.533		215		
	5.627		212			6.318		215		
	5.415		427			6.103		430		
9	16.884	5.628		3.721		18.954	6.318		3.707	
		16.224					18.536			

F.B. 2406 P.G. 218

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-BREEZE 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. 5-46 To B.M. 5-47
Date 8-6-56
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
	6.423	6.224	211	3.721		5.937	18.536	220	3.707	
	6.212		211			5.717		219		
	6.001		422	4.143		5.498		439	4.146	
10	18.636	6.212				17.152	5.717			
	5.979		220			5.453		214		
	5.759		220			5.239		211		
	5.539		440	4.583		5.028		425	4.571	
11	17.277	5.759				15.720	5.240			
	5.539		212			5.112		214		
	5.327		210			4.898		215		
	5.117		422	5.005		4.683		429	5.000	
12	15.983	5.328				14.693	4.898			
	5.767		216			5.928		216		
	5.551		218			5.712		213		
	5.333		434	5.439		5.499		429	5.429	
13	16.651	5.550				17.139	5.713			
	5.232		210			6.555		213		
	5.022		209			6.342		210		
	4.813		419	5.858		6.132		423	5.852	
14	15.067	5.022				19.029	6.343			
		44.095					46.447			

F.B. 2406 P.G. 219

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:15 Rod No. 11 812

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 5-46 To B.M. 5-47
Date 8-6-56
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
	4.212	4.095	213	5.858		6.271	6.047	217	5.852	
	3.999		211			6.054		215		
	3.788		424			5.839		432		
15	11.999	4.000		6.282		18.164	6.055		6.284	
	5.038		215			4.179		217		
	4.823		211			3.962		215		
	4.612		426			3.747		432		
16	14.473	4.824		6.708		11.888	3.963		6.716	
	6.083		215			4.803		216		+64.511
	5.868		213			4.587		214		-68.437
	5.655		428			4.373		430		- 3.926
17	17.606	5.869		7.136		13.763	4.588		7.146	
	5.909		187			7.578		195		
	5.722		185			7.383		191		B.M. 5-47 WILMINGTON D-1A
	5.537		372			7.192		386		LOMITA BLVD. & MAIN ST. (TO N.)
18	17.168	5.723		7.508		22.153	7.384		7.532	SEE F.B. 1206-44 FOR DESC.
		64.511					68.437			

F.B. 2406 P.G. 220

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 12:00 TO 1:45 Rod No. 11 & 12

Name L A CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-47 To B.M. 5-46
Date 8-7-56
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
	7.531		193		#11	5.867		185		B.M. 5-47
	7.338		196			5.682		184		LOMITA BLVD. & MAIN ST. (TO N.)
	7.142		389			5.498		369		SEE F.B. 1206-44 FOR DESC.
1	22.011	7.337		.389	78°	17.047	5.682		.369	
	4.842		210			6.122		217		
	4.632		214			5.905		213		↑ J. MOODY
	4.418		424			5.692		430		
2	13.892	4.631		.813		17.719	5.906		.799	
	4.915		213			5.778		211		
	4.702		214			5.567		212		
	4.488		427			5.355		423		
3	14.105	4.702		1.240		16.700	5.567		1.222	
	6.488		216			4.429		214		
	6.272		214			4.215		212		
	6.058		430			4.003		426		
4	18.818	6.273		1.670		12.647	4.216		1.648	
	6.348		211			5.032		211		
	6.137		209			4.821		210		
	5.928		420			4.611		421		
5	18.413	6.138		2.090		14.464	4.821		2.069	
		29.081					26.192			

F.B. 2406 P.G. 22

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 12:00 TO 1:45 Rod No. 11812

Name L. A. CO PRECISE LEVEL NET
Job No 0301.02
From B.M. 5-47 To B.M. 5-46
Date 8-7-56
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
	5.975	29.081'	217	2.090'		5.811	26.192'	219	2.069'	
	5.758		213			5.592		215		
	5.545		430'			5.377		434'		
6	17.278'	5.759'		2.510		16.780'	5.593'		2.503'	
	5.158		216			5.582		210		
	4.942		213			5.372		213		
	4.729		429'			5.159		423'		
7	14.829'	4.943'		2.989		16.113'	5.371'		2.926'	
	5.487		215			6.008		220		
	5.272		213			5.788		220		
	5.059		428'			5.568		440'		
8	15.818'	5.273'		3.387		17.364'	5.788'		3.366'	
	5.419		214			5.918		213		
	5.205		216			5.705		213		
	4.989		430'			5.492		426'		
9	15.613'	5.204'		3.870		17.115'	5.705'		3.792'	
	6.488		215			5.792		215		
	6.273		215			5.577		212		
	6.058		430'			5.365		427'		
10	18.819'	6.273'		4.237		16.734'	5.578'		4.219'	
		56.533'					54.227'			

F.B. 2406 P.G. 222

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 12:00 TO 1:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-47 To B.M. 5-46
Date 8-7-56
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
	6.678	56533	205	4.2~~5~~37		5.358	54.227	220	4.219	
	6.473		201			5.138		219		
	6.272		406			4.919		439		
11	19.423	6.474		4.6~~6~~43		15.415	5.138		4.658	
	5.791		212			5.517		225		+68.587
	5.579		208			5.292		223		-64.658
	5.371		420			5.069		448		+ 3.929
12	16.741	5.588		5.0~~8~~63		15.878	5.293		5.106	
		68.587					64.658		5.0~~8~~63	B.M. WILMINGTON E-1, 1948
									10.1~~3~~97	LOMITA BLVD. & AVALON BLVD.
									0.66 mi	NEAR ℄ INTER.
	5.559		174			6.097		159		
	5.385		173			5.938		156		
	5.212		347			5.782		315		
13	16.156	5.385		5.4~~3~~10		17.817	5.939		5.421	
	5.071		212			5.502		215		
	4.859		208			5.287		215		
	4.651		420			5.072		430		
14	14.581	4.860		5.8~~5~~30		15.861	5.287		5.851	
		10.245					11.226			

F.B. 2406 P.G. 223

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 12:00 TO 1:45 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 5-47 To B.M. 5-46
Date 8-7-56
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
	5,265	10,245	213	5,850		6,041	11,226	213	5,851	
	5,052		213			5,828		210		
	4,839		426			5,618		423		
15	15,156	5,052		6,276		17,487	5,829		6,274	
	7,068		210			6,072		214		
	6,858		209			5,858		213		
	6,649		419			5,645		427		
16	20,575	6,858		6,675		17,575	5,858		6,701	
	5,048		217			5,722		214		+31.254
	4,831		216			5,508		210		-34.946
	4,615		433			5,298		424		- 3.692
17	14,494	4,831		7,128		16,528	5,509		7,125	
	4,483		214			6,717		194		
	4,269		217			6,523		190		B.M. 5-46 (OLA. ROAD BM.)
	4,052		431			6,333		384		LOMITA BLVD. & WILMINGTON AVE
18	12,804	4,268		7,529		19,573	6,524		7,509	
		31,254					52,946			

F.B. 2406 PG. 224

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 12:20 TO 1:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. WILMET To B.M. 5-46
Date 8-8-56
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
	5.137		169			5.675		156		B.M. WILMINGTON E-1 1948
	4.968		169			5.519		154		LOMITA BLVD. & AVALON BLVD.
	4.799		338			5.365		310		NEAR ℄ INTER., A STD. CITY
1	14.904	4.968		.338		16.559	5.520		.310	BRASS DISC 14" DEEP UNDER
	4.999		210			5.431		214		CAST IRON COVER
	4.789		208			5.217		215		
	4.581		418			5.002		429		
2	14.369	4.790		.756		15.650	5.217		.739	
	5.414		213			6.192		215		T J. MOODY
	5.199		211			5.977		212		
	4.988		424			5.765		427		
3	15.601	5.200		1.180		17.934	5.978		1.166	
	7.096		209			6.101		213		
	6.887		208			5.888		216		
	6.679		417			5.672		429		
4	20.662	6.887		1.597		17.661	5.887		1.595	
	5.058		216			5.729		212		
	4.842		215			5.517		214		
	4.627		431			5.303		426		
5	14.527	4.842		2.028		16.549	5.516		2.021	
		26.687					28.118			

F.B. 2406 P.G. 225

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 12 20 TO 1.00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From WILM. E-1 To B.M. 5-46
Date 8-8-56
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
	4.528	26.687'	217	2.028'		6.758	28.118'	195	2.021'	
	4.311		216			6.563		191		BM. 5-46 (CO. L.A. ROAD B.M.)
	4.095		433'			6.372		386'		LOMITA BLVD. & WILMINGTON AVE.
6	12.934'	4.311'		2.461'		19.693	6.564'		2.407'	SEE F.B. 1206-44 FOR DESC.
		30.998'					34.682'		2.461'	
									4.868'	
									0.31mi	
										SUMMATION OF RUN
										B.M. WILMINGTON E1 TO B.M. 5-46
										TOTAL BACKSIGHTS +30.998'
										TOTAL FORESIGHTS -34.682'
										DIFF IN ELEVATION - 3.684'

F.B. 2406 P.G. 226

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Smoggy Inst. No 500
Notes by G. E. DREIER Time 1:00 To 1:40 Rod No 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-46 To WILM. E-1
Date 8-8-56
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
	6.711		193		#11	4.481		216		B.M. 5-46
	6.518		190			4.265		214		LOMITA BLVD. & WILMINGTON AVE.
	6.328		383			4.051		430		SEE F.B. 1206-44 FOR DESC.
1	19.557	6.519		.383	82°	12.797	4.266		.430	
	5.718		214			5.039		215		⊼ J. MOODY
	5.504		212			4.824		217		
	5.292		426			4.607		432		
2	16.514	5.505		.809		14.470	4.823		.862	
	6.171		229			7.140		197		
	5.942		226			6.943		195		
	5.716		455			6.748		392		
3	17.829	5.943		1.264		20.831	6.944		1.254	
	6.102		211			5.325		214		
	5.891		212			5.111		210		
	5.679		423			4.901		424		
4	17.672	5.891		1.687		15.337	5.112		1.678	
	5.452	23.858	215			5.022	21.145	210		
	5.237		212			4.812		211		
	5.025		427			4.601		421		
5	15.714	5.235		2.114		14.435	4.812		2.099	
		29.096					25.957			

F.B. 2406 P.G. 227

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Smoggy Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 1:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-46 To WILM. E-1
Date 8-8-56
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
	5,698	29.096	151	2,114		5,163	25.957	171	2,099	B.M. WILMINGTON E-1 1948
	5,547		154			4.992		170		LOMITA BLVD & AVALON BLVD,
	5,393		305			4.822		341		NEAR ℄ INTER, A STD. L.A CITY
6	16.638	5.546		2419		14.977	4.992		2.440	BRASS DISC 14" DEEP UNDER
										CAST IRON COVER
										SUMMATION OF RUN
										B.M. 5-46 TO B.M WILMINGTON E-1
										TOTAL BACKSIGHTS + 34.642
										TOTAL FORESIGHTS - 30.949
										DIFF IN ELEVATION + 3.693
		34.642					30.949			

F.B. 2406 P.G. 228

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 2:25 to 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-47 To B.M. 5-48
Date 8-6-56
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
	5876		222		#11	6571		212		B.M. 5-47 (WILMINGTON D-1A)
	5654		222			6359		208		LOMITA BLVD. & MAIN ST.
	5432		444			6151		420		SEE F.B 1206-44 FOR DESC.
1	16.962	5.654		.444	86°	19081	6.360		.420	
	4734		202			5891		207		
	4532		201			5684		203		
	4331		403	4		5481		410		TT G. E. DREIER
2	13597	4.532		.807		17056	5.685		.830	
	2935		182			9463		178		
	2753		182			9285		178		
	2571		364	1211		9107		356		
3	8259	2.753		~~1.171~~		27855	9.285		1.186	
	0531		162			7911		167		
	0369		163			7744		166		
	0206		325	.536		7578		333	19	
4	1.106	0.369		~~1.196~~		23233	7.744		~~1.528~~	
	6076		194			1923		202		
	5882		191			1721		221		
	5691		385	1.921		1520		423	42	
5	17649	5.883		~~1.884~~		5164	1.721		~~1.954~~	
		19.191					30.795			

F.B. 2406 P.G. 279

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 2:25 to 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030-02
From BM 5-47 To BM 5-48
Date 8-6-56
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
	8842	19.191	161	1921		1530	19.5	164	42	
	8681		164			1366		161		
	8517		325	4		1205		325	67	
6	26040	8.680		2286		4101	67		2276	
	7503		226			5675		198		
	7277		228			5477		197		
	7049		454	700		5280		395	62	
7	21829	7.276		2660		16432	77		2674	
	4890		201			5972		205		
	4689		200			5767		204		
	4489		401	101		5563		409	71	
8	14068	4.689		3064		17302	67		3080	BACKSIGHTS + 44.726
	5071		181			5852		179		FORE SIGHTS − 49.085
	4890		180			5673		178		− 4.359
	4710		361	6		5501		357	28	
9	14671	4.890		3482		17035	79		3437	
		44.726					4.085		3422	
									6.859	
									90	LOMITA BLVD. & FIGUEROA ST.
									0.44 mi	& INTER (to W.) STD. C.S. MON
										R.E. 329' 8" DEEP

F.B. 2406 P.G. 230

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 5010
Notes by J. A. MOODY Time 7:20 to 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 5-47 To BM 5-48
Date 8-6-56
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
	4248		169	3.4~~22~~ 62		6155		163	3.4~~37~~ 28	
	4079		171			5992		161		
	3908		340	802		5831		324	52	
10	12235	4.078		3.~~762~~		17978	5.993		3.7~~71~~	
	3990		187			6549		181		
	3803		183			6368		181		
	3620		370	7		6187		362	14	
11	11413	3.804		41.32		19104	6.368		4.1~~33~~	
	4009		178			6521		179		
	3831		179			6342		181		
	3652		357	.529		6161		360	74	
12	11492	3.831		~~4.489~~		19024	6.341		4.4~~93~~	
	3708		174			6317		175		
	3534		173			6142		172		
	3361		347	7		5970		347	21	
13	10603	3.534		4.836		18429	6.143		4.8~~40~~	
	4292		166			6470		170		
	4126		167			6300		169		
	3959		333	.209		6131		339	60	
14	12377	4.126		5.~~169~~		18901	6.300		5.1~~79~~	
		19.373					31.145			

F.B. 2406 P.G. 231

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 HAZE [illegible] Inst. No. 50010
Notes by J. A. Moody Time 2:20 to 3:[illegible] Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 5-47 To BM 5-48
Date 8-6-56
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
	3953	19.373	173	5.209 ~~5.169~~		6621	21.145	178	5.160 ~~5.179~~	
	3780		173			6443		177		
	3607		346			6266		355		
15	11.340	3.780		5.5 ~~5.5~~		19330	6.443		15 ~~5.534~~	
	4079		175			6298		183		
	3904		176			6115		180		
	3728		351			5935		363		
16	11.711	3.904		5.906 ~~5.866~~		18348	6.116		78 ~~5.897~~	
	5438		178			4578		180		
	5260		177			4398		179		
	5083		355			4219		359		
17	15781	5.260		6.261		13195	4.398		37 ~~6.266~~	
	7803		182			2110		175		+51.530
	7621		182			1935		173		-51.102
	7439		364			1762		348		+ 0.428
18	22863	7.621		6.625 ~~6.585~~		5807	1.936		585 ~~6.614~~	
	11.829		238			1276		212		BM 5-48
	11.591		236			1064		211		LOMITA BLVD. & VERMONT AVE
	11.355		474			0853		423		SEE F.B. 1206-44 FOR DESC.
19	34.775	11.592		7.059		3193	1.064		.008 ~~7.037~~	
		51.530					21.132		7.099	
									14.107	
									0.91 mi.	

F.B. 2406 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 HAZE SUN Inst. No. 50010
Notes by J.A. MOODY Time 9:50 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 5-48 To B.M. 5-47
Date 8-7-56
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
	0853		214		#11	11.402		235		B.M. 5-48
	0639		217			11.167		235		LOMITA BLVD. & VERMONT AVE
1	0422		431			10.932		470		SEE F.B. 1206-44 FOR DESC.
	1.914	0.638		.431	76°	23.501	11.167		.470	
	1941		180			7628		177		
	1761		179			7451		176		G. E. DREIER
	1582		359			7275		353		
2	5284	1.761		.790		22354	7.451		.823	
	4692		180			5550		178		
	4512		180			5372		176		
	4332		360			5196		354		
3	13536	4.512		1.150		16.118	5.373		1.177	
	6272		182			4059		175		
	6090		180			3884		176		
	5910		362			3708		351		
4	18272	6.091		1.512		11.651	3.884		1.528	
	6525		177			3858		175		
	6348		180			3683		173		
	6168		357			3510		358		
5	19041	6.347		1.869		11.051	3.684		1.886	
		19.349					31.559			

F.B. 2406 P.G. 233

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 J. A. MOORY Time 9:50 to 11:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 5-48 To BM 5-47
Date 8-7-56
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
	6412	19.349	177	1869		4217	3.559	158	1889	
	6235		177			4059		157		
	6058		354			3902		315		
6	18.705	6.235		2223		12.178	4.059		2204	
	6440		171			3836		178		
	6269		174			3658		176		
	6095		345			3482		354		
7	18804	6.268		2568		10.976	3.659		2558	
	6445		177			3942		181		
	6268		179			3761		180		
	6089		356			3581		361		
8	18802	6.267		2924		11.284	3.761		2919	BACKSIGHTS +50.328
										FORESIGHTS −50.775
	6517		184			3954		185		−0.447
	6333		182			3769		186		
	6151		366			3583		391		
9	19001	6.334		3.296		11.306	3.769		3.310	
	6039		164			4138		171		BM
	5875		163			3967		169		LOMITA BLVD & FIGUEROA ST.
	5712		327			3798		340		℄ INTER to W. A STO. C.S. MON.
10	17626	5.875		3.617		11.903	3.968		3.650	"R.E 329" 8" DEEP
		50.328					50.775			

3.617
7.267
=0.47

F.B. 2406 P.G. 234

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. MOORY Time 9:50 to 11:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 5-48 To BM 5-47
Date 8-7-56
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
	5818		185	3617		5015		175	3650	
	5633		183			4840		173		
	5450		368			4667		358		
11	16.901	5.634		3.985		14.522	4.841		4.008	
	5807		204			4731		201		
	5603		202			4530		200		
	5401		406			4330		401		
12	16.811	5.604		4.391		13.591	4.530		4.409	
	5648		215			7446		214		
	5433		211			7232		213		
	5222		426			7019		427		
13	16.303	5.434		4.817		21697	7.232		4.836	
	1,501		162			8.818		164		
	1,339		162			8,654		162		
	1,177		324			8492		326		
14	4.017	1.339		5.141		25964	8.655		5.162	
	1859		200			6013		195		
	1659		199			5818		193		
	1460		399			5625		388		
15	4978	1.659		5.540		17.456	5.819		5.550	
		19.670					31.077			

F.B. 2406 P.G. 235

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

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

F.B. 2406 P.G. 236

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 J. A. MOODY Time 9:50 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 5-48 To BM 5-47
Date 8-7-56
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
	8079	19.670	167	5540		0701	31.077	161	5550	
	7912		167			0540		161		
	7745		334			0379		322		
16	23736	7.912		5874		1620	0.540		5872	
	9510		179			2976		180		
	9331		179			2796		180		
	9152		358			2616		360		
17	27993	9.331		6232		8388	2.796		6232	
	5871		204			4714		201		
	5667		205			4513		200		
	5462		409			4313		401		
18	17000	5.667		6641		13540	4.513		6633	
	6424		212			5727		218		BM 5-47 (WILMINGTON D-1A)
	6212		211			5509		221		LOMITA BLVD & MAIN ST.
	6001		423			5288		439		SEE F.B. 1206-44 FOR DESC.
19	18637	6.212		7064		16524	5.508		7072	
		48.792					44.434			BACKSIGHTS + 48.792
										FORESIGHTS − 44.437
										DIFF IN ELEV + 4.355

F.B. 2406 PG. 237

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 2406 P.G. 238										

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 J. A. Moody Time 10:00 to 10:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 5-48 To BM AT FIGUERO ST.
Date 8-8-56
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
	0819		217		#11	11.362		236		BM 5-48
	0602		214			11.126		235		LOMITA BLVD & VERMONT AVE
	0388		431			10.891		471		SEE F.B 1206-44 FOR DESC.
1	1.809	0.603		.431	75°	33.379	11.126		.471	
	1931		181			7.613		176		
	1750		178			7.437		174		
	1572		359			7263		350		
2	5253	1.751		.790		22313	7.438		.821	
	4607		180			5469		178		
	4427		180			5291		179		
	4247		360			5112		357		
3	13281	4.427		1.150		15872	5.291		1.178	
	6247		182			4036		178		
	6065		178			3858		177		
	5887		360			3681		355		
4	18199	6.066		1.510		11575	3.858		1.533	
	6632		182			3958		170		
	6450		181			3788		167		
	6269		363			3621		337		
5	19351	6.450		1.873		11367	3.789		1.870	
		19.297					31.502			

F.B. 2406 P.G. 239

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 10:00 to Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 5-48 To BM At FIGUEROA St
Date 8-8-56
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
	6442	19.297	170	1873		4265	3.502	168	1870	
	6272		170			4097		165		
	6102		340			3932		333		
6	18.816	6.272		2213		12.294	4.098		2203	
	6493		172			3880		178		
	6321		171			3710		177		
	6150		343			3533		355		
7	18.964	6.321		2556		11.131	3.710		2558	
	6591		179			4087		180		
	6412		181			3907		179		
	6231		360			3728		359		
8	19.234	6.411		2916		11.722	3.907		2917	+ 50.483
	6521		181			3967		187		− 50.932
	6340		181			3780		184		− 0.449
	6159		362			3596		371		
9	19.020	6.340		3278		11.343	3.781		3288	
	6009		167			4101		168		BM
	5842		167			3933		166		LOMITE BLVD. & FIGUEROA St.
	5675		334			3767		334		# INTER. to W. A STO. C.S. MON.
10	17.526	5.842		3612		11.801	3.934		3622	R.E. 329 8" DEEP.
		50.483					50.932			

F.B. 2406 P.G. 240

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 J. A. MOODY Time 10:45 to 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From BM at Figueroa To BM 5-48
Date 8-8-56
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
	4095		167		#11	6008		168		BM
	3928		166			5840		167		LOMITA BLVD. & FIGUEROA ST
	3762		333			5673		335		E INTER. to W. A STO. C.S. MON.
1	11.785	3.928		.333	78°	17.521	5.840		.335	R.E. 329' 8" DEEP.
	4001		187			6560		181		
	3814		185			6379		181		
	3629		372			6198		362		G. E. DREIER
2	11.444	3.815		.705		19.137	6.379		.697	
	4060		178			6570		180		
	3882		178			6390		178		
	3704		356			6212		358		
3	11.646	3.882		1.061		19.172	6.391		1.055	
	3862		176			6471		173		
	3686		176			6298		171		
	3510		352			6127		344		
4	11.058	3.686		1.413		18.896	6.299		1.399	
	4270		166			6450		170		
	4104		165			6280		170		
	3939		331			6110		340		
5	12.313	4.104		1.744		18.840	6.280		1.739	
		19.415					31.189			

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F.B. 2406 P.G. 241

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 10:45 to 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM FIGUEROA ST To BM 5-48
Date 8-8-56
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
	3991	19.415	174	1.744		6660	[illegible]	178	17.39	
	3817		174			6482		177		
	3643		348			6305		355		
6	11.451	3.817		2092		19.447	6.482		2.094	
	4004		177			6217		180		
	3827		178			6037		179		
	3649		355			5858		359		
7	11.480	3.827		2447		18.112	6.037		2.453	
	5405		177			4547		180		
	5228		179			4367		179		
	5049		356			4188		359		
8	15682	5.227		2803		13.102	4.367		2.812	SUMMATION OF RUN
	7834		175			2155		181		BM FIGUEROA ST to BM 5-48
	7659		174			1974		181		TOTAL BACKSIGHTS + 51.045
	7485		349			1793		362		TOTAL FORESIGHTS − 50.629
9	22978	7.659		3.152		5922	1.974		3.174	+ 0.416
	11.335		235			0794		214		BM 5-48
	11.100		234			0580		215		LOMITA BLVD. & VERMONT AVE.
	10.866		469			0365		429		SEE F.B. 1206-44 FOR DESC.
10	33.301	11.100		3.621		1.739	0.580		3.603	
		51.045					50.629			

F.B. 2466 P.G. 242

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Chief of Party G. E. DREIER Weather SMOGGY Inst. No. 50010
Notes by G. E. DREIER Time 11.30 TO 2.30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. AT FIG. To B.M. 5-48
Date 8-10-56
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
	4.163		169			6.068		165		B.M.
	3.994		172			5.903		164		LOMITA BLVD. (T.O.W.) & FIGUEROA
	3.822		341			5.739		329		ST. ℄ INTER, ASTD. CO. SUR.
1	11.979	3.993		.341		17.710	5.903		.329	MON. R.E. 329 UNDER CAST
	3.929		184			6.504		182		IRON COVER
	3.745		186			6.322		180		
	3.559		370			6.142		362		
2	11.233	3.744		.711		18.968	6.323		.691	⊼ J. MOODY
	4.051		193			6.518		166		
	3.858		195			6.352		164		
	3.663		388			6.188		330		
3	11.572	3.857		1.099		19.058	6.353		1.021	
	3.808		177			6.415		172		
	3.631		178			6.243		171		
	3.453		355			6.072		343		
4	10.892	3.631		1.454		18.730	6.243		1.364	
	4.211		150			6.423		186		
	4.061		148			6.237		189		
	3.913		298			6.048		375		
5	12.185	4.062		1.752		18.708	6.236		1.739	
		19.287					31.058			

F.B. 2406 P.G. 243

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 Inst. No. 50010
Notes by G.E.DREIER Time 1:30 TO [illegible] Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 030102
From B.M. E16 To B.M. 5-48
Date 8-10-56
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
	3.933	19.287	174	1.752		6.612	31.658	180	1.739	
	3.759		174			6.432		177		
	3.585		348			6.255		357		
6	11.277	3.759		2.100		19.299	6.433		2.096	
	3.978		179			6.188		181		
	3.799		180			6.007		179		
	3.619		359			5.828		360		
7	11.396	3.799		2.459		18.023	6.008		2.456	
	5.338		179			4.481		179		+50.358
	5.159		176			4.302		180		-49.941
	4.983		355			4.122		359		+0.417
8	15.480	5.160		2.814		12.905	4.302		2.815	
	7.542		176			1.857		180		
	7.366		175			1.677		179		
	7.191		351			1.498		359		
9	22.099	7.366		3.165		5.032	1.677		3.174	
	11.222		235			0.679		217		
	10.987		234			0.462		214		B.M. 5-48
	10.753		469			0.248		431		LOMITA BLVD. & VERMONT AVE
10	32.962	10.987		3.634		1.389	0.463		3.605	SEE F.B. 1206 -44 FOR DESC.
		50.358					49.941			

F.B. 2406 P.G. 244

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-48 To B.M. AT F.G.
Date 8-27-56
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
	0.631		218		#11	11.175		237		B.M. 5-48
	0.413		215			10.938		233		LOMITA BLVD. & VERMONT AVE
	0.198		433			10.705		470		SEE F.B. 1206-44 FOR DESC.
1	1.242	0.414		.433	78°	32.818	10.939		470	
	2.108		177			7.798		176		
	1.931		180			7.622		174		⊼ J. MOODY
	1.751		357			7.448		350		
2	5.790	1.930		.790		22.868	7.623		.820	
	4.508		186			5.357		175		
	4.322		184			5.182		171		
	4.138		370			5.011		346		
3	12.968	4.323		1.160		15.550	5.183		1.166	
	6.175		181			3.987		179		
	5.994		179			3.808		177		
	5.815		360			3.631		356		
4	17.984	5.995		1.520		11.426	3.809		1.522	
	6.647		179			3.958		175		
	6.468		176			3.783		174		
	6.292		355			3.609		349		
5	19.407	6.469		1.875		11.350	3.783		1.871	
		19.131					31.337			

F.B. 2406 P.G. 245

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 1:15 TO 2:30 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-48 To BM. AT F.G.
Date 8-27-56
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
	6.243	19.131	170	1.875		4.068	31.337	169	1.871	
	6.073		169			3.899		167		
	5.904		339			3.732		336		
6	18.220	6.073		2.214		11.699	3.900		2.207	
	6.377		174			3.772		179		
	6.203		171			3.593		175		
	6.032		345			3.418		354		
7	18.612	6.204		2.559		10.783	3.594		2.561	
	6.395		183			3.894		179		+49.867
	6.212		179			3.715		177		-50.312
	6.033		362			3.538		356		- 0.445
8	18.640	6.213		2.921		11.147	3.716		2.917	
	6.348		180			3.787		189		
	6.168		181			3.598		186		
	5.987		361			3.412		375		
9	18.503	6.168		3.282		10.797	3.599		3.292	
	6.248		171			4.329		163		BM. LOMITA BLVD. & FIGUEROA ST., & INTER. (TO W.) A STD. PRECAST MON. "R.E. 329" 12" DEEP UNDER CAST IRON COVER
	6.077		169			4.166		164		
	5.908		340			4.002		327		
10	18.233	6.078		3.622		12.497	4.166		3.619	
		49.867					50.312			

F.B. 2406 P.G. 246

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 7:20 TO 8:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL
Job No. 0301.02
From B.M. 5-48 To B.M. 21-68
Date 8-7-56
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
	4.188		065		#11	7.179		071		B.M. 5-48
	4.123		064			7.108		070		LOMITA BLVD. & VERMONT AVE
	4.059		129			7.038		141		SEE F.B. 1206-44 FOR DESC.
1	12.370	4.123		129	67°	21.325	7.108		141	+4.123
										-7.108
										-2.985
										B.M. WILMINGTON B-1, 1955
										LOMITA BLVD & VERMONT AVE.,
										ABOUT 15 FT. S. OF CENTER OF
	8.471		196			2.315		187		INTERSECTION, A STD. CITY OF
	8.275		196			2.128		189		L.A. BRASS DISC IN HANDHOLE, 14" DEEP
	8.079		392			1.939		376		
2	24.825	8.275		.521		6.382	2.127		.517	
	8.705		187			2.035		187		π J. MOODY
	8.518		187			1.848		187		
	8.331		374			1.661		374		
3	25.554	8.518		.895		5.545	1.848		.891	
	8.493		195			4.282		193		
	8.299		192			4.089		195		
	8.107		387			3.894		388		
4	24.899	8.300		1.282		12.265	4.088		1.279	
	25.093						8.063			

F.B. 2406 P.G. 247

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 7:20 TO 8:35 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-48 To B.M. 21-68
Date 8-7-56
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
	5.571	25.093	192	1.282		6.846	8.[illegible]3	188	1.279	
	5.379		190			6.658		186		
	5.189		382			6.472		374		
5	16.139	5.380		1.664		19.976	6.659		1.653	
	3.081		184			8.238		184		
	2.897		186			8.054		183		
	2.711		370			7.871		367		
6	8.689	2.896		2.034		24.163	8.054		2.020	
	1.618		187			9.382		190		
	1.431		188			9.192		190		
	1.243		375			9.002		380		
7	4.292	1.431		2.409		27.576	9.192		2.400	
	1.787		190			9.242		190		
	1.597		190			9.052		190		
	1.407		380			8.862		380		
8	4.791	1.597		2.789		27.156	9.052		2.780	
	2.777		184			7.302		191		
	2.593		182			7.111		192		
	2.411		366			6.919		383		
9	7.781	2.594		3.155		21.332	7.111		3.163	
		38.991					48.131			

F.B. 2406 P.G. 248

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 7:20 TO 8:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 5-48 To B.M. 21-68
Date 8-7-56
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
	2.819	38.991	181	3.155		6.350	48.131	187	3.163	
	2.638		183			6.163		184		
	2.455		364			5.979		371		
10	7.912	2.637		3.519		18.492	6.164		3.534	
	5.001		226			5.111		233		+ 46.404
	4.775		224			4.878		230		− 59.174
	4.551		450			4.648		463		− 12.770
11	14.327	4.776		3.969		14.637	4.879		3.997	
		46.404					59.174		3.969 3.996 =0.51 mi	T.B.M. VERMONT AVE & PAC. COAST HWY S.W. COR. CUT SPK IN N.E. COR CATCH BASIN
	6.326		190			5.161		190		
	6.136		188			4.971		190		
	5.948		378			4.781		380		
12	18.410	6.137		4.347		14.913	4.971		4.377	
	5.002		190			4.791		195		
	4.812		186			4.596		194		
	4.626		376			4.402		389		
13	14.440	4.813		4.723		13.789	4.596		4.766	
		10.950					9.567			

F.B. 2406 P.G. 249

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 7:20 TO 8:25 Rod No. 11812

Name C. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM. 5-48 To B.M. 21-68
Date 8-7-56
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
	8.183	10.950	175	4.723		2.091	2.567	164	4.766	
	8.008		175			1.927		164		
	7.833		350			1.763		328		
14	24.024	8.008		5.073		5.781	1.927		5.094	
	9.330		183			1.622		171		
	9.147		182			1.451		171		
	8.965		365			1.280		342		
15	27.442	9.147		5.438		4.353	1.451		5.436	
	8.813		178			1.451		175		
	8.635		176			1.276		175		
	8.459		354			1.101		350		
16	25.907	8.636		5.792		3.828	1.276		5.786	
	9.279		168			4.303		174		+52.470
	9.111		169			4.129		173		-24.246
	8.942		337			3.956		347		+28.224
17	27.332	9.111		6.129		12.388	4.129		6.133	
	6.759		141			6.032		136		
	6.618		140			5.896		137		BM. 21-68 (U.S. 4186, Y-780 1940)
	6.478		281			5.759		273		PAC. COAST HWY & NORMANDIE AVE
18	19.855	6.618		6.410		17.687	5.896		6.406	SEE F.B. 1391-63 FOR DESC.
		52.470					24.246			

F.B. 2406 P.G. 250

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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:35 TO 9:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 21-68 To B.M. 5-48
Date 8-7-56
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
	6.016		138		#11	6.742		140		B.M. 21-68 (U.S. 4186, Y-780 1945)
	5.878		136			6.602		140		PAC. COAST HWY & NORMANDIE AVE
	5.742		274			6.462		280		SEE F.B. 1391-63 FOR DESC.
1	17.636	5.879		274	67°	19.806	6.602		280	
	4.312		174			9.289		170		
	4.138		172			9.119		168		
	3.966		346			8.951		338	1	↑ Jim Moody
2	12.416	4.139		.620		27.359	9.120		.658	
	1.462		174			8.825		177		
	1.288		174			8.648		176		
	1.114		348			8.472		353	.971	
3	3.864	1.288		.968		25.945	8.648		1.011	
	1.558		176			9.259		180		
	1.382		173			9.079		178		
	1.209		349			8.901		358	2	
4	4.149	1.383		1.317		27.239	9.080		1.359	
	1.913		174			7.988		167		
	1.739		172			7.821		163		
	1.567		346			7.658		330	5	
5	4.219	1.740		1.663		23.467	7.822		1.679	
		14.429					41.272			

F.B. 2406 P.G. 251

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:35 TO 9:40 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 21-68 To B.M. 5-48
Date 8-7-56
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
	4.757	4.429	196	1.663		4.969	4.772	190	1.689	
	4.561		192			4.779		187		
	4.369		388			4.592		377		
6	13.687	4.562		2.051		14.340	4.780		2.076	
	5.175		190			6.337		190		5.175 +23.977
	4.985		188			6.147		188		4.985 - 52.200
	4.797		378			5.959		378		4.797 - 28.223
7	14.957	4.986		2.429		18.443	6.148		2.454	
		23.977					52.200		2.429 4.883	T.B.M. VERMONT AVE & PAC. COAST HWY. S.W. COR., CUT SPK. IN N.E. COR. OF CATCH BASIN
	5.204		232			5.097		226		
	4.972		230			4.871		224		
	4.742		462			4.647		450	.864	
8	14.918	4.973		2.891		14.615	4.872		2.904	
	6.537		187			3.008		187		
	6.350		185			2.821		183		
	6.165		372			2.638		370		
9	19.052	6.351		3.263		8.467	2.822		3.294	
		11.324					7.694			

F.B. 2406 P.G. 252

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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:35 TO 9:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 21-68 To B.M. 5-48
Date 8-7-56
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
	7.351	11.324	194	3.263		2.821	7.694	182	3.274	
	7.157		192			2.639		181		
	6.965		386			2.458		363	.597	
10	21.473	7.158		3.649		7.918	2.639		3.637	
	9.221		190			1.767		192		
	9.031		190			1.575		188		
	8.841		380			1.387		380	3.977	
11	27.093	9.031		4.029		4.729	1.576		4.017	
	9.593		190			1.827		189		
	9.403		188			1.638		185		
	9.215		378			1.453		374		
12	28.211	9.404		4.407		4.918	1.639		4.391	
	8.235		184			3.079		186		
	8.051		182			2.893		185		
	7.869		366			2.708		371		
13	24.155	8.052		4.773		8.680	2.893		4.742	
	6.819		187			5.545		192		
	6.632		185			5.353		192		
	6.447		372			5.161		384		
14	19.898	6.633		5.145		16.059	5.353		5.146	
		51.602					21.794			

F.B. 2406 P.G. 253

Chief of Party G. E. DREIER Weather [illegible] Inst. No. [illegible]
Notes by G. E. DREIER Time 8:35 TO 9:40 Rod No. 11 & 12

Name [illegible]
Job No. 0301.02
From B.M. 21-68 To B.M. 5-48
Date 8-7-56
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
	4.307	51.602	196	5.145		8.518	[illegible]	195	5.146	
	4.111		193			8.323		192		
	3.918		389			8.131		387	4.993	
15	12.336	4.112		5.534		24.972	[illegible]		5.533	
	2.117		189			8.787		188		
	1.928		186			8.599		186		
	1.742		375			8.413		374	8.671	
16	5.787	1.929		5.909		25.799	8.600		5.947	
	2.328		189			8.487		199		+ 59.783
	2.139		187			8.288		195		− 47.667
	1.952		376			8.093		394	261	+ 12.776
17	6.419	2.140		6.285		24.868	8.[illegible]		6.306	B.M. WILMINGTON B-1, 1955
		59.783					47.067			LOMITA BLVD. & VERMONT AVE., 15 FT. S. OF CENTER OF INTERSECTION, A STD CITY BRASS DISC, 14" DEEP IN HANDHOLE
	7.202		065			4.219		067		+ 7.138
	7.137		063			4.152		069		− 4.151
	7.074		128			4.083		136	397	− 2.987
18	21.413	7.138		6.413		12.454	4.151		6.437	B.M. 5-48 LOMITA BLVD. & VERMONT AVE. SEE F.B. 1206-44 FOR DESC.

F.B. 2406 P.G. 2-54