Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	W. O. 030102 Tape No. Sta. of
Office Work	Surveyed by G. E. Dreier
Checked	Notes Date 8-9-10-54
Date	Indexed A. O. Johnson 11-5-54

F.B. 1364 Pg. 5

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET
RERUN OF LINE NO. 30, AND PORTIONS OF
LINE NO. 8 AND LINE NO. 5
(CONTINUED IN F.B. 1365)

DREIER, G.E.
LANDA, E.
SONNENSCHEIN, M.
RODRIGUEZ, R.J.
SMITH, A.D.

1364

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

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

Do not extend notes this side of this line.

F.B. 1364 PG. 6

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 A. D. SMITH Time 8:30 TO 9:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-39 To B.M. 30-1
Date 8-20-54
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
	4.350		.149		#5	4.714		.113		B.M 8-39 (U.S. 3953 H-780)
	4.201		.148			4.601		.114		LAKEWOOD BLVD & SPRING ST.
	4.053		.297			4.487		.227		SEE F.B. 1209-33
1	12.604	4.201		.297	75°	13.802	4.601		.227	FOR DESCRIPTION
										B.M 8-38 (CLEARWATER G-11) LAKEWOOD BLVD. & SPRING ST. SEE F.B. 1209-33 FOR DESCRIPTION
	4.752		.171			5.668		.218		
	4.581		.170			5.450		.218		
	4.411		.341			5.232		.436		
2	13.744	4.581		.638		16.350	5.450		.663	⊼ G. E. DREIER
	4.794		.212			5.160		.203		
	4.582		.210			4.957		.205		
	4.372		.422			4.752		.408		
3	13.748	4.583		1.060		14.869	4.956		1.071	
	4.751		.184			4.995		.174		
	4.567		.185			4.821		.172		
	4.382		.369			4.651		.346		
4	13.700	4.567		1.429		14.467	4.822		1.415	
		17.932					19.829			

F.B. 1364 P.G. 7

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather TURN OVER AT Inst. No. 50010
Notes by A. D. SMITH Time 8:30 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-39 To B.M. 30-1
Date 8-20-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.808	17.932	.210	1.429		5.070	17.829	.175	1.415	
	4.598		.210			4.895		.173		
	4.388		420			4.722		.348		
5	13.794	4.598		1.849		14.687	4.896		1.763	
	4.786		.168			5.065		.218		
	4.618		.168			4.847		.217		
	4.450		.336			4.630		.435		
6	13.854	4.618		2.185		14.542	4.847		2.198	
	5.119		.199			4.893		.187		
	4.920		98			4.706		189		
	4.722		.397			4.517		.376		
7	14.761	4.920		2.582		14.116	4.705		2.574	
	4.751	32.068	.194			4.591	34.277	.189		
	4.557		197			4.402		.190		
	4.360		.371			4.212		.379		
8	13.668	4.556		2.953		13.205	4.402		2.953	
	5.150		.194			4.331		.194		
	4.956		192			4.137		.194		
	4.764		386			3.943		.388		
9	14.870	4.957		3.339		12.411	4.137		3.341	
		41.581					42.916			

F.B. 1364 P.G. 8

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 500.10
Notes by A. D. SMITH Time 8:30 TO 9:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-39 To B.M. 30-1
Date 8-20-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.253	41.581	.121	3.337		6.433	42.816	.121	3.341	B.M 30-1 (CLEARWATER G-12)
	5.132		.120			6.312		.122		LAKEWOOD BLVD. & WILLOW ST.
	5.012		.241			6.190		.243		SEE F.B. 1396-6
10	15.397	5.132		3.580	78°	18.935	6.312		3.584	FOR DESCRIPTION

SUMMATION OF RUN

TOTAL BACKSIGHTS +	46.713
TOTAL FORESIGHTS −	49.128
DIFF. 8-39 TO 30-1	−2.415
" 8-39 TO 8-38	−0.400
" 8-38 TO 30-1	−2.015

F.B. 1364 P.G. 9

46.713 49.128

76P526 S & E #379 1-54

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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. 1364 P.G. 10										

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. 50.010
Notes by A. D. SMITH Time 9:30 TO 10:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-1 To B.M. 8-39
Date 8-20-54
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
	6.462		.124		#5	5.278		.120		B.M. 30-1 (CLEARWATER G-12)
	6.338		.120			5.158		.120		LAKEWOOD BLVD. & WILLOW ST.
	6.218		.244			5.038		.240		SEE F.B. 1396-6
1	19.018	6.339		.244	78°	15.474	5.158		.240	FOR DESCRIPTION
	4.353		.194			5.168		.195		
	4.159		.193			4.973		.191		
	3.966		.387			4.782		.386		π G. E. DREIER
2	12.478	4.159		.631		14.923	4.974		.626	
	4.610		.189			4.768		.197		
	4.421		.185			4.571		.196		
	4.236		.374			4.375		.373		
3	13.267	4.422		1.005		13.714	4.571		1.019	
	4.808	14.920	.195			5.013	14.703	.191		
	4.613		.192			4.822		.191		
	4.421		.387			4.631		.382		
4	13.842	4.614		1.392		14.466	4.822		1.401	
	5.029		.198			4.787		.189		
	4.831		.195			4.598		.187		
	4.636		.393			4.411		.376		
5	14.496	4.832		1.785		13.796	4.599		1.777	
		24.366					24.124			

F.B. 1364 P.G. 11

76P526 S & E #379 1-54

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Chief of Party E. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 9:30 TO 10:[illegible] Rod No. 516

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-1 To B.M. 8-39
Date 8-20-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.060	24.360	.187	[illegible]		4.768	24.124	.195	[illegible]	
	4.873		.188			4.573		.193		SUMMATION OF RUN
	4.685		.375			4.380		.388		TOTAL BACKSIGHTS + 48.778
6	14.618	4.873		2.160		13.721	4.574		2.165	TOTAL FORESIGHTS − 46.339
	5.029		.176			4.781		.186		DIFF. 30-1 TO 8-39 +2.439
	4.853		.175			4.601		.181		" 30-1 TO 8-38 +2.035
	4.678		.351			4.420		.361		" 8-38 TO 8-39 +0.404
7	14.560	4.853		2.511		13.802	4.601		2.526	
	5.128		.208			4.764		.212		
	4.920		.204			4.552		.210		
	4.716		.412			4.342		.422		
8	14.764	4.921		2.923		13.658	4.553		2.948	
	5.668	39.013	.201			4.781	37.852	.189		B.M. 8-38 (CLEARWATER G-11)
	5.467		.200			4.592		.185		LAKEWOOD BLVD & SPRING ST.
	5.267		.401			4.407		.374		SEE F.B. 1209-33
9	16.402	5.461		3.324		13.780	[illegible]		3.322	FOR DESCRIPTION
	4.417	44.480	.120			4.042	[illegible]	.149		B.M. 8-39 (U.S. 3753 4-780)
	4.297		.118			3.893		.147		LAKEWOOD BLVD. & SPRING ST.
	4.179		.238			3.746		.296		SEE F.B. 1209-33
10	12.893	4.298		3.562	78°	11.681	3.8[illegible]4		3.618	FOR DESCRIPTION
		48.778					46.339			

F.B. 1364 P.G. 12

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 A. D. SMITH Time 10:50 TO 11:35 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-39 To B.M. 30-1
Date 8-20-54
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.088		.150		#5	4.459		.119		B.M. 8-39 (U.S. 3953 H-780)
	3.938		.146			4.340		.118		LAKEWOOD BLVD. & SPRING ST.
	3.792		.296			4.222		.237		SEE F.B. 1209-33
1	11.818	3.938		.296	78°	13.021	4.340		.237	FOR DESCRIPTION
	4.790		.180			5.693	[illegible]	.208		B.M. 8-38 (CLEARWATER G-11)
	4.610		.180			5.485	[illegible]	.206		LAKEWOOD BLVD. & SPRING ST.
	4.430		.360			5.279		.414		SEE F.B. 1209-33
2	13.830	4.610		.656		16.457	5.486		.651	FOR DESCRIPTION
	4.811		.213			5.180		.203		
	4.598		.211			4.977		.206		
	4.387		.424			4.771		.409		TX G. E. DREIER
3	13.796	4.599		1.080		14.928	4.976		1.060	
	4.750	13.147	.180			5.007	14.802	.175		
	4.570		.182			4.832		.175		
	4.388		.362			4.657		.350		
4	13.708	4.569		1.442		14.496	4.832		1.410	
	4.725		.193			5.020		.191		
	4.532		.190			4.829		.191		
	4.342		.383			4.638		.382		
5	13.599	4.533		1.825		14.487	4.829		1.792	
		22.249					24.463			

F.B. 1364 P.G. 13

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: HAZY SUN Inst. No.: 50010
Notes by: A. D. SMITH Time: 10:50 TO 11:25 Rod No.: S #6

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. B-39 To: B.M. 30-1
Date: 8-20-54
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.772	22.249	189	1.825		5.020	24.463	.197	1.792	
	4.583		189			4.823		.197		
	4.394		.378			4.626		.394		
6	13.749	4.583		2.203		14.469	4.823		2.186	
	5.070		.192			4.860		.193		SUMMATION OF RUN
	4.878		193			4.667		192		TOTAL BACKSIGHTS + 46.369
	4.685		385			4.475		.385		TOTAL FORESIGHTS − 48.830
7	14.633	4.878		2.588		14.002	4.667		2.571	DIFF. B-39 TO 30-1 −2.461
	4.787		.199			4.623		.187		" B-39 TO B-38 −0.402
	4.588		196			4.436		.188		" B-38 TO 30-1 −2.059
	4.392		.395			4.248		.375		
8	13.767	4.589		2.983		13.307	4.436		2.946	
	5.089	36.299	.187			4.293	38.389	.202		
	4.902		185			4.091		.201		
	4.717		.372			3.890		.403		
9	14.708	4.903		3.355		12.274	4.091		3.349	
	5.287		.120			6.472		.122		B.M. 30-1 (CLEARWATER G-12)
	5.167		120			6.350		122		LAKEWOOD BLVD. & WILLOW ST.
	5.047		.240			6.228		.244		SEE F.B. 1396-6
10	15.501	5.167		3.595	78°	19.050	6.350		3.593	FOR DESCRIPTION
		46.369					48.830			

F.B. 1364 P.G. 14

76P526 S & E #379 1-54

PLEASE RETURN TO
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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 11:35 To 12:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-1 To B.M. 8-39
Date 8-20-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.463		.121		#5	5.280		.121		B.M. 30-1 (CLEARWATER G-12)
	6.342		.122			5.159		.120		LAKEWOOD BLVD. & WILLOW ST.
	6.220		.243			5.039		.241		SEE F.B. 1396-6
1	19.025	6.342		.243	78°	15.478	5.159		.241	FOR DESCRIPTION
	4.339		.194			5.151		.192		
	4.145		.193			4.959		.192		
	3.952		.387			4.767		.384		↑ G.E. DREIER
2	12.436	4.145		.630		14.877	4.959		.625	
	4.612		.187			4.777		.197		
	4.425		.186			4.580		.197		
	4.239		.373			4.383		.394		
3	13.276	4.425		1.003		13.740	4.580		1.019	
	4.811	14.912	.193			5.019	14.698	.192		
	4.618		.193			4.827		.193		
	4.425		.386			4.634		.385		
4	13.854	4.618		1.389		14.480	4.827		1.404	
	5.038		.199			4.785		.186		
	4.839		.197			4.599		.187		
	4.642		.396			4.412		.373		
5	14.519	4.840		1.785		13.796	4.599		1.777	
		24.370					24.124			

F.B. 1364 P.G. 15

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 500/0
Notes by A. D. SMITH Time 11:35 TO 12:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-1 To B.M. 8-39
Date 8-20-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.066	24.370	.187	1.785		4.777	24.24	.196	1.777	
	4.879		.188			4.581		.193		SUMMATION OF RUN
	4.691		.375			4.388		.389		TOTAL BACKSIGHTS + 48.932
6	14.636	4.879		2.160		13.746	4.582		2.166	TOTAL FORESIGHTS − 46.478
	5.007		.177			4.751		.179		DIFF. 30-1 TO 8-39 +2.454
	4.830		.178			4.572		.181		" 30-1 TO 8-38 +2.054
	4.652		.355			4.391		.360		" 8-38 TO 8-39 +0.400
7	14.489	4.830		2.515		13.714	4.571		2.526	
	5.209		.206			4.841		.211		44.592
	5.003		.204			4.630		.212		42.538
	4.799		.410			4.418		.423		2.054
8	15.011	5.004		2.925		13.889	4.630		2.949	
	5.717		.208			4.814		.183		B.M. 8-38 (CLEARWATER 9-11)
	5.509		.207			4.631		.183		LAKEWOOD BLVD. & SPRING ST.
	5.302		.415			4.448		.366		SEE F.B. 1209-33
9	16.528	5.509		3.340		13.893	4.631		3.315	FOR DESCRIPTION
	4.458	44.592	.119			4.088	42.538	.149		B.M. 8-39 (U.S. 3953 H-780)
	4.339		.117			3.939		.147		LAKEWOOD BLVD. & SPRING ST.
	4.222		.236			3.792		.296		SEE F.B. 1209-33
10	13.019	4.340		3.576	82°	11.819	3.940		3.611	FOR DESCRIPTION
		48.932					46.478			

F.B. 1364 P.G. 16

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 LIGHT FOG Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 10:55 Rod No. 5 F6

Name L.A. Co PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-38 To B.M. 30-1
Date 9-21-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.851		173		#5	5.763		215		B.M. 5-38 (CLEARWATER G-11)
	4.678		176			5.548		218		SPRING ST. & LAKEWOOD BLVD
	4.502		349			5.330		433		SEE F.B. 1209-33
1	14.031	4.677		349	65°	16.641	5.547		433	FOR DESCRIPTION
	4.688		217			5.049		200		T E. LANDA
	4.471		218			4.849		198		
	4.253		435			4.651		398		
2	13.412	4.471		.784		14.549	4.850		.831	
	4.746		186			4.989		172		
	4.560		183			4.817		172		
	4.377		369			4.645		344		
3	13.683	4.561		1.153		14.451	4.817		1.175	
	4.763		194			5.057		190		
	4.569		197			4.867		187		
	4.372		391			4.680		377		
4	13.704	4.568		1.544		14.604	4.868		1.552	
	4.724		186			4.966		198		
	4.538		189			4.768		199		
	4.349		375			4.569		397		
5	13.611	4.537		1.919		14.303	4.768		1.949	
		22.814					24.850			

F.B. 1364 P.G. 17

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather LIGHT FOG Inst. No. 50010
Notes by G.E. DREIER Time 10:00 TO 10:55 Rod No. 596

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-38 To B.M. 30-1
Date 9-21-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.960	22.814	192	1.919		4.759	24.850	194	1.949	
	4.768		194			4.565		193		
	4.574		386			4.372		387		
6	14.302	4.767		2.305		13.696	4.565		2.336	
	4.701		201			4.525		185		SUMMATION OF RUN
	4.500		201			4.340		183		B.M. 8-38 TO B.M. 30-1
	4.299		402			4.157		368		TOTAL BACKSIGHTS + 42.118
7	13.500	4.500		2.707		13.022	4.341		2.704	TOTAL FORESIGHTS - 44.155
	5.078		196			4.264		193		DIFF IN ELEVATION - 2.037
	4.882		192			4.071		195		
	4.690		388			3.876		388		
8	14.650	4.883		3.095		12.211	4.070		3.092	
	5.275		120			6.449		119		B.M. 30-1 (CLEARWATER G-12)
	5.155		123			6.330		121		LAKEWOOD BLVD, N. OF WILLOW
	5.032		243			6.209		240		SEE F.B. 13
9	15.462	5.154		3.338	72°	18.988	6.329		3.332	FOR DESCRIPTION

F.B. 1364 P.G. 18

42.118 44.155

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:55 TO 11:30 Rod No. 5 #6

Name L. A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-1 To B.M. 8-38
Date 9-21-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.421		122			5.243		121		B.M. 30-1 (CLEARWATER G-12)
	6.299		121			5.122		122		LAKEWOOD BLVD. N. OF WILLOW.
	6.178		243			5.000		243		SEE F.B.
1	18.898	6.299		243	72°	15.365	5.122		243	FOR DESCRIPTION
	4.222		193			5.037		193		
	4.029		194			4.844		196		
	3.835		387			4.648		389		T. E. LANDA
2	12.086	4.029		.630		14.529	4.843		.632	
	4.535		188			4.700		199		
	4.347		188			4.501		198		
	4.159		376			4.303		397		
3	13.041	4.347		1.006		13.504	4.501		1.029	
	4.749		196			4.957		193		
	4.553		192			4.764		192		
	4.361		388			4.572		385		
4	13.663	4.554		1.394		14.293	4.764		1.414	
	4.972		197			4.731		188		
	4.775		196			4.543		189		
	4.579		393			4.354		377		
5	14.326	4.775		1.787		13.628	4.543		1.791	
		24.004					23.773			

F.B. 1364 P.G. 19

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:55 TO 11:30 Rod No. 586

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-1 To B.M. 8-38
Date 9-21-51
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.006	24.004	188	1.787		4.719	23.773	197	1.791	
	4.818		189			4.522		194		
	4.629		377			4.328		391		
6	14.453	4.818		2.164		13.569	4.523		2.182	
	4.994		177			4.744		182		
	4.817		177			4.562		178		
	4.640		354			4.384		360		
7	14.451	4.817		2.518		13.690	4.563		2.542	
	5.089		204			4.724		213		
	4.885		205			4.511		212		
	4.680		409			4.299		425		
8	14.654	4.885		2.927		13.534	4.511		2.967	
	5.573		203			4.687		188		B.M. 8-38 (CLEARWATER G-11)
	5.370		200			4.499		189		SPRING ST. & LAKEWOOD BLVD.
	5.170		403	27		4.310		377		SEE F.B. 1209-33
9	16.113	5.371		3390		13.496	4.499		3.344	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 30-1 TO B.M. 8-38
										TOTAL BACKSIGHTS + 43.895
										TOTAL FORESIGHTS − 41.869
		43.895					41.869			DIFF. IN ELEVATION + 2.026

F.B. 1364 P.G. 20

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 WINDY-SUN Inst. No. 50010
Notes by G.E. DREIER Time 2:45 TO 4:00 Rod No. 5 & 6

Name L.A. Co. PRECISE LEVELNET
Job No. 030102
From B.M. 30-1 To B.M. 30-2A
Date 8-20-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.865		195		#5	4.400		192		B.M. 30-1 CLEARWATER G-12
	5.670		195			4.208		190		LAKEWOOD BLVD. & WILLOW ST.
	5.475		390			4.018		382		SEE F.B. 1396-6
1	17.010	5.670		.390		12.626	4.209		.382	FOR DESCRIPTION
	5.678		181			6.186		187		↑ E. LANDA
	5.497		180			5.999		187		
	5.317		361			5.812		374		
2	16.492	5.497		.751		17.997	5.999		.756	
	3.568		198			5.631		194		
	3.370		198			5.437		195		
	3.172		396			5.242		389		
3	10.110	3.370		1.147		16.310	5.437		1.147	
	4.997		196			5.290		195		
	4.801		192			5.095		195		
	4.609		388			4.900		390		
4	14.407	4.802		1.535		15.285	5.093		1.537	
	4.801		198			5.220		198		
	4.603		196			5.022		195		
	4.407		394			4.827		393		
5	13.811	4.604		1.929		15.069	5.023		1.930	
		23.943					25.765			

F.B. 1364 P.G. 21

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather WINDY-SUN Inst. No. 50010
Notes by G.E. DREIER Time 2:45 TO 4:00 Rod No. 5 & 6

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-1 To B.M. 30-2 A
Date 8-20-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.788	23.943	198	1.929		5.212	22.[illegible]3	197	1.930	
	4.582		194			5.015		197		
	4.388		392			4.815		394		
6	13.750	4.583		2.321		15.045	5.015		2.324	
	4.670		196			5.201		196		
	4.474		194			5.005		194		
	4.280		390			4.811		390		
7	13.424	4.475		2.711		15.017	5.006		2.714	
	4.757		196			5.205		196		
	4.561		196			5.009		197		
	4.365		392			4.812		393		
8	13.683	4.561		3.103		15.026	5.009		3.107	
	4.748		196			5.231		195		
	4.552		194			5.036		197		
	4.358		390			4.839		392		
9	13.658	4.553		3.493		15.106	5.035		3.499	
	4.757		197			5.503		191		
	4.560		198			5.312		191		
	4.362		395			5.121		382		
10	13.679	4.560		3.885		15.936	5.312		3.881	
		46.675					51.110			

F.B. 1364 P.G. 22

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY-SUN Inst. No. 50010
Notes by G. E. DREIER Time Rod No. 5 & 6

Name L. A. Co. PRECISE LEVELNET
Job No. 036103
From B.M. 30-1 To B.M. 30-2A
Date 8-20 & 23-54
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
	5.043	46.673	.133	3.888		5.639	51.140	.137	3.881	SUMMATION OF CUT 18
	4.910		.132			4.902		.133		TOTAL BACKSIGHTS + 62.638
	4.778		.265			4.769		.270		TOTAL FORESIGHTS - 69.541
11	14.731	4.910		4.153		14.710	4.903		4.151	DIFF. 30-1 TO 30-2A - 6.903
	4.903		.178			6.685		.175		" 30-1 TO 30-2 - 6.223
	4.725		.178			6.510		.174		" 30-2 TO 30-2A - 0.680
	4.547		.356			6.336		.349		
12	14.175	4.725		4.509		19.531	6.510		4.500	
		56.330 10					62.553			B.M. 30-2 (CLEARWATER I-12 R.M.E.) WILLOW ST. & CLARK AVE SEE F.B. 1396-7 FOR DESCRIPTION
	6.354		.046			7.026		.038		B.M. 30-2A (CLEARWATER I-12 R.M.E.) WILLOW ST & CLARK AVE SEE F.B. 1396-7 FOR DESCRIPTION
	6.308		.046			6.988		.038		
	6.262		.092			6.950		.076		
13	18.924	6.308		4.604		20.964	6.988		4.576	
		62.638 18					69.541			

F.B. 1364 P.G. 23

76P526 S & E #379 1-54

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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. 1564 P.G. 24

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 10:30 To 11:15 Rod No. 6

Name L.A. Co. PRECISE LEVELING
Job No. 0301.02
From B.M. 30-2A To B.M. 30-1
Date 8-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.006		.040		#6	6.332		.045		B.M. 30-2A (CLEARWATER 4-2 R.M.#2)
	6.966		.040			6.287		.045		WILLOW ST. & CLARK AVE.
	6.926		.080			6.242		.090		SEE F.B. 1396-7
1	20.898	6.966		.080		18.861	6.287		.090	FOR DESCRIPTION
										B.M. 30-2 (CLEARWATER 2-12 R.M.#1)
										WILLOW ST. & CLARK AVE.
										SEE F.B. 1396-7
										FOR DESCRIPTION
	6.929		.172			5.151		.183		
	6.757		.171			4.968		.181		
	6.586		.343			4.787		.364		G. E. DREIER
2	20.272	6.757		.423		14.906	4.969		.454	
	5.672		.141			5.665		.127		
	5.531		.140			5.538		.127		
	5.391		.281			5.411		.254		
3	16.594	5.531		.704		16.614	5.538		.708	
	5.541		.192			4.793		.195		
	5.349		.191			4.598		.195		
	5.158		.383			4.403		.390		
4	16.048	5.349		1.087		13.794	4.598		1.098	
		24.603					21.392			

F.B. 1364 P.G. 25

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. L. DREICK Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 10:30 TO 11:15 Rod No. 6

Name L. A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-2A To B.M. 30-1
Date 8-23-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.332	24.603	.197	1.087		4.847	21.392	.195	1.098	
	5.135		.196			4.652		.193		
	4.939		.393			4.459		.388		
5	15.406	5.135		1.480		13.958	4.653		1.486	
	5.160		.197			[illegible]		.196		
	4.963		.194			4.520		.196		
	4.769		.391			4.324		.392		
6	14.892	4.964		1.871		13.566	[illegible]		1.878	
	5.267		.195			4.734		.194		
	5.072		.193			4.540		.193		
	4.879		.388			4.347		.387		
7	15.218	5.073		2.259		13.621	[illegible]		2.265	
	5.273	39.775	.195			4.847	38.95	.197		
	5.078		.196			4.650		.197		
	4.882		.391			4.453		.390		
8	15.233	5.078		2.650		13.950	4.650		2.659	
	5.267		.197			4.848		.197		
	5.070		.197			4.651		.198		
	4.873		.394			4.453		.395		
9	15.210	5.070		3.044		13.952	[illegible]		3.054	
		49.922					44.406			

F.B. 1364 P.G. 26

76P526 S & E #379 1-54

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Chief of Party G.F. DREIER Weather OVERCAST Inst. No. 50010
Notes by A.D. SMITH Time 10:30 TO 11:15 Rod No. 6

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-2A To B.M. 30-1
Date 8-23-54
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
	5.334	4.923	.194	3.044		5.046	4.406	.195	3.054	
	5.140		.192			4.851		.191		
	4.943		.386			4.660		.386		SUMMATION OF RUN
10	15.422	5.141		3.430		14.557	4.852		3.440	TOTAL BACKSIGHTS + 70.874
	5.718		.195			3.650		.197		TOTAL FORESIGHTS - 63.961
	5.523		.192			3.453		.195		DIFF. 30-2A TO 30-1 +6.913
	5.331		.387			3.258		.392		" 30-2A TO 30-2 + 0.679
11	16.572	5.524		3.817		10.361	3.454		3.832	" 30-2 TO 30-1 +6.234
	6.252		.186			5.745		.182		
	6.066		.187			5.563		.180		
	5.879		.373			5.383		.362		
12	18.197	6.066		4.190		16.691	5.564		4.194	
	4.410		.191			5.878		.193		B.M. 30-1 (CLEARWATER G-12)
	4.219		.189			5.685		.194		LAKEWOOD BLVD. + WILLOW ST.
	4.030		.380			5.491		.387		SEE F.B. 1396-6
13	12.659	4.220		4.570		17.054	5.685		4.581	FOR DESCRIPTION
		70.874					63.961			

F.B. 1364 P.G. 27

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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. 1364 P.G. 28

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 1:50 TO 2:20 Rod No. 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-2A To B.M. 30-3
Date 8-23-54
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
	7.592		.207			5.283		.212		B.M. 30-2A (CLEARWATER R.M. #2 I-12)
	7.385		.206			5.071		.213		WILLOW ST. & CLARK AVE.
	7.179		.413			4.858		.425		SEE F.B. 1396-7
1	22.156	7.385		.413		15.212	5.071		.425	FOR DESCRIPTION
	4.818		.209			5.121		.211		
	4.609		.210			4.910		.211		
	4.399		.419			4.699		.422		TO G.E. DREIER
2	13.826	4.609		.832		14.730	4.910		.847	
	5.148		.217			5.392		.212		
	4.931		.219			5.180		.209		
	4.712		.436			4.971		.421		
3	14.791	4.930		1.268		15.543	5.181		1.268	
	4.962	16.924	.215			5.270	15.162	.212		
	4.747		.216			5.058		.211		
	4.531		.431			4.847		.423		
4	14.240	4.747		1.699		15.175	5.058		1.691	
	5.290		.211			5.769		.211		
	5.079		.208			5.558		.210		
	4.871		.419			5.348		.421		
5	15.240	5.080		2.118		16.675	5.558		2.112	
		26.751					25.778			

F.B. 1344 P.G. 29

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 1:50 To 2:20 Rod No. 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-2A To B.M. 30-3
Date 8-23-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.673	26.751	.213	2.118		4.869	25.978	.211	2.112	
	4.460		.212			4.658		.208		
	4.248		.425			4.450		.419		
6	13.381	4.460		2.543		13.977	4.659		2.531	SUMMATION OF RUN
	4.762		.212			5.357		.217		B.M. 30-2A TO B.M. 30-3
	4.550		.211			5.140		.213		TOTAL BACKSIGHTS + 46.372
	4.339		.423			4.927		.430		TOTAL FORESIGHTS - 45.998
7	13.651	4.550		2.966		15.424	5.141		2.961	DIFF. IN ELEVATIONS +0.374
	5.159		.247			5.345		.249		
	4.912		.247			5.096		.247		
	4.665		.494			4.849		.496		
8	14.736	4.912		3.460		15.290	5.097		3.457	
	5.910		.211			5.535		.212		B.M. 30-3 (CITY L.B.)
	5.699		.211			5.323		.211		CLARK AVE. & STEARNS ST.
	5.488		.422			5.112		.423		SEE F.B. 1396-8
9	17.097	5.699		3.882		15.970	5.323		3.880	FOR DESCRIPTION
		46.372					45.998			

F.B. 1364 P.G. 30

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by A. D. SMITH Time 1:00 TO 1:50 Rod No. 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-3 To B.M. 30-2A
Date 8-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.487		.214			5.859		.211		B.M. 30-3 (CITY L.B.)
	5.273		.211			5.648		.210		CLARK AVE. & STEARNS ST.
	5.062		.425			5.438		.421		SEE F.B. 1396-B
1	15.822	5.274		.425		16.945	5.648		.421	FOR DESCRIPTION
	5.471		.247			5.299		.248		
	5.224		.246			5.051		.248		
	4.978		.493			4.803		.496		⊼ G. E. DREIER
2	15.673	5.224		.918		15.153	5.051		.917	
	5.405		.215			4.811		.213		
	5.190		.213			4.598		.213		
	4.977		.428			4.385		.426		
3	15.572	5.191		1.346		13.794	4.598		1.343	
	4.859	15.689	.210			4.671	15.297	.214		
	4.649		.210			4.457		.213		
	4.439		.420			4.244		.427		
4	13.947	4.649		1.766		13.372	4.457		1.770	
	5.270		.208			4.802		.212		
	5.062		.205			4.590		.212		
	4.857		.413			4.378		.424		
5	15.189	5.063		2.179		13.770	4.590		2.194	
		25.401					24.344			

F.B. 1364 PG. 31

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 A. D. SMITH Time 1:00 To 1:50 Rod No. 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-3 To B.M. 30-2A
Date 8-23-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.139	25.401	.210	2.179		4.830	24.944	.218	2.194	
	4.929		.211			4.612		.217		
	4.718		421			4.395		435		
6	14.786	4.929		2.600		13.837	4.612		2.629	SUMMATION OF RUN
	5.394		.212			5.151		.218		B.M. 30-3 TO B.M. 30-2A
	5.182		.211			4.933		.216		TOTAL BACKSIGHTS + 45.656
	4.971		423			4.717		.434		TOTAL FORESIGHTS - 46.049
7	15.547	5.182		3.023		14.801	4.934		3.063	DIFF. IN ELEVATIONS -0.393
	5.301		.221			4.982		.200		
	5.080		.220			4.782		.199		
	4.860		441			4.583		.399		
8	15.241	5.080		3.464		14.347	4.782		3.462	
	5.278	40.592	.215			7.584		.207		B.M. 30-2A (CLEARWATER I-12 B.M. #2)
	5.063		.212			7.377		.207		CLARK AVE. & WILLOW ST.
	4.851		427			7.170		414		SEE F.B. 1396-7
9	15.192	5.064		3.891		22.131	7.377		3.876	FOR DESCRIPTION
		45.656					46.049			

F.B. 1364 PG. 32

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 A. D. SMITH Time 8:45 To 9:10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From B.M. 30-2A To B.M. 30-3
Date 8-24-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.708 7.500 7.292		.208 .208 .416			5.368 5.171 4.957		.217 .214 .431		B.M. 30-2A (CLEARWATER I 12 R.M. #2) CLARK AVE & WILLOW ST. SEE F.B. 1396-7 FOR DESCRIPTION
1	22.500	7.500		.416		15.516	5.172		.431	
	5.101 4.890 4.681		.211 .209 .420			5.407 5.193 4.982		.214 .211 .425		K. E. LANDA
2	14.672	4.891		.836		15.582	5.194		.856	
	5.131 4.915 4.700		.216 .215 .431			5.369 5.156 4.943		.213 .213 .426		
3	14.746	4.915		1.267		15.468	5.156		1.282	
	5.152 4.844 4.629	17.306	.216 .215 .433			5.370 5.157 4.948	15.522	.213 .209 .422		
4	14.535	4.845		1.700		15.475	5.158		1.704	
	5.247 5.035 4.822		.212 .213 .425			5.711 5.500 5.289		.211 .211 .422		
5	15.104	5.035		2.125		16.500	5.500		2.126	
		27.186					26.186			

F.B. 1364 P.G. 33

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by A. D. SMITH Time 8:45 TO 9:15 Rod No. 246

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 30-2A To B.M. 30-3
Date 8-24-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.709	27.186	.214	2.125		4.899	26.180	.210	2.126	
	4.495		.215			4.689		.211		
	4.280		.429			4.478		.421		
6	13.484	4.495		2.554		14.066	4.689		2.547	SUMMATION OF RUN
	4.771		.211			5.368		.216		B.M. 30-2A TO B.M. 30-3
	4.560		.211			5.152		.215		TOTAL BACKSIGHTS + 46.561
	4.349		.422			4.937		.431		TOTAL FORESIGHTS - 46.133
7	13.680	4.560		2.976		15.457	5.152		2.978	DIFF. IN ELEVATIONS +0.428
	5.005		.252			5.177		.247		
	4.753		.250			4.930		.246		
	4.503		.502			4.664		.493		
8	14.261	4.754		3.478		14.791	4.930		3.471	
	5.780		.215			5.393		.211		B.M. 30-3 (CITY L.B.)
	5.565		.213			5.182		.210		CLARK AVE. & STEARNS ST.
	5.352		.428			4.972		.421		SEE F.B. 1396-B
9	16.697	5.566		3.906		15.547	5.182		3.892	FOR DESCRIPTION
		46.561					46.133			

F.B. 1364 P.G. 34

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 A.D. SMITH Time 9:20 TO 9:50 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-3 To B.M. 30-2A
Date 8-24-54
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
	5.372		.211		#5	5.747		.212		B.M. 30-3 (CITY L.B.)
	5.161		.211			5.535		.213		CLARK AVE. & STEARNS ST.
	4.950		.422			5.322		.425		SEE F.B. 1396-B
1	15.483	5.161		.422		16.604	5.535		.425	FOR DESCRIPTION
	5.232		.247			5.065		.251		
	4.985		.245			4.814		.248		
	4.740		.492			4.566		.499		
2	14.957	4.986		.914		14.445	4.815		.924	T. E. LANDA
	5.313		.215			4.715		.214		
	5.098		.215			4.501		.211		
	4.883		.430			4.290		.425		
3	15.294	5.098		1.344		13.506	4.502		1.349	
	4.905	15.245	.210			4.722	14.852	.213		
	4.695		.211			4.509		.215		
	4.484		.421			4.294		.428		
4	14.084	4.695		1.765		13.525	4.508		1.777	
	5.722		.212			5.244		.209		
	5.510		.212			5.035		.209		
	5.298		.424			4.826		.418		
5	16.530	5.510		2.189		15.105	5.035		2.195	
		25.450					24.395			

F.B. 1364 P.G. 35

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by A. D. SMITH Time 9:20 To 9:40 Rod No. 516

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-3 To B.M. 30-2A
Date 8-24-54
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
	5.379	25.450	.211	2.189		5.002	2.495	.217	2.195	
	5.098		.211			4.785		.214		
	4.887		.422			4.571		.431		
6	15.294	5.098		2.611		14.358	4.786		2.626	SUMMATION OF RUN
	5.412		.213			5.170		.217		B.M. 30-3 TO B.M. 30-2A
	5.199		.209			4.953		.215		TOTAL BACKSIGHTS + 46.286
	4.990		.422			4.738		.432		TOTAL FORESIGHTS - 46.689
7	15.601	5.200		3.033		14.861	4.954		3.058	DIFF. IN ELEVATIONS - 0.403
	5.466		.216			5.159		.207		
	5.250		.216			4.952		.203		
	5.034		.432			4.749		.410		
8	15.750	5.250		3.465		14.860	4.953		3.468	
	5.503		.214			7.810		.210		B.M. 30-2A (CLEARWATER 1-72 R.M. #2)
	5.289		.217			7.600		.207		CLARK AVE. & WILLOW ST.
	5.072		.431			7.393		.417		SEE F.B. 1396-7
9	15.864	5.288		3.896		22.803	7.600		3.885	FOR DESCRIPTION
		46.286					46.689			

F.B. 1364 P.G. 36

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Hazy Sun Inst. No. 50010
Notes by E Landa Time 10:10 To 10:50 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-2A To B.M. 30-3
Date 8-24-54
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
	7791		209		#5	5472		216		B.M. 30-2A (CLEARWATER I-12 R.M. #2)
	7582		209			5261		213		CLARK AVE & WILLOW ST.
	7375		416			5048		429		SEE F.B. 1396-7
1	22748	7.583		416	75°	15786	5.262		429	FOR DESCRIPTION
	5028		209			5327		213		
	4819		208			5114		211		
	4611		417			4903		424		* F. E. Dreier
2	14458	4.819		833		15344	5.115		853	
	5177		215			5413		213		
	4962		214			5200		212		
	4748		429			4988		425		
3	14887	4.962		1262		15601	5.200		1278	
	4948		216			5259		209		
	4732		214			5050		213		
	4518		430			4837		422		
4	14198	4.733		1692		15146	5.049		1700	
	5297		210			5751		211		
	5087		209			5540		209		
	4878		419			5331		420		
5	15262	5.087		2111		16622	5.541		2120	
		27.184					26.167			

F.B. 1364 P.G. 37

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Hazy Sun Inst. No. 50010
Notes by E. Landz Time 10:10 To 10:50 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-2A To B.M. 30-3
Date 8-24-54
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
	4804	27.184	214	2111		5001	26.167	211	2120	
	4590		212			4790		211		
	4378		426			4579		422		
6	13772	4.591		2537		14370	4.790		2542	SUMMATION OF RUN
	4811		211			5408		215		B.M. 30-2A TO B.M. 30-3
	4600		210			5193		214		TOTAL BACKSIGHTS + 46.920
	4390		421			4979		429		TOTAL FORESIGHTS - 46.496
7	13801	4.600		2958		15580	5.193		2971	DIFF. IN ELEVATIONS = + 0.424
	5098	36.275	221			5329		276		
	4877		220			5053		273		
	4657		441			4780		549		
8	14632	4.877		3399		15162	5.054		3520	
	5879		211			5503		211		B.M. 30-3 (CITY L.B.)
	5668		211			5292		212		CLARK AVE & STEARNS ST.
	5457		422			5080		423		SEE F.B. 1396-8
9	17004	5.668		3821	75°	15875	5.292		3943	FOR DESCRIPTION

F.B. 1364 P.G. 38

46.920 46.496

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 11:00 TO 11:45 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-3 To B.M. 30-2A
Date 8-24-54
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
	5.402		212		#5	5.780		214		B.M. 30-3
	5.190		209			5.566		214		CLARK AVE & STEARNS ST.
	2.951		421			5.352		428		SEE F. B.
1	15.573	5.191		421	75°	16.698	5.566		428	FOR DESCRIPTION
	5.250		250			5.073		245		
	5.000		247			4.828		248		
	4.751		499			4.580		493		A E. LANDA
2	15.001	5.000		.920		14.481	4.827		.921	
	5.404		215			4.802		212		
	5.189		214			4.590		213		
	4.975		426			4.377		425		
3	15.568	5.189		1.346		13.769	4.590		1.346	
	4.854		208			4.672		215		
	4.646		209			4.457		214		
	4.437		417			4.243		429		
4	13.937	4.646		1.763		13.372	4.457		1.775	
	5.737		214			5.261		212		
	5.523		211			5.049		209		
	5.312		425			4.840		421		
5	16.572	5.524		2.188		15.150	5.050		2.196	
		25.550					24.490			

F.B. 1364 P.G. 39

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 11:00 TO 11:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-3 To B.M. 30-2A
Date 8-24-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.186	25.550	212	2.188		4.880	24.490	215	2.196	
	4.974		212			4.665		215		
	4.762		424			4.450		430		SUMMATION OF RUN
6	14.922	4.974		2.612		13.995	4.665		2.626	B.M. 30-3 TO B.M. 30-2A
	5.335		213			5.089		217		TOTAL BACKSIGHTS + 45.791
	5.122		211			4.872		217		TOTAL FORESIGHTS - 46.188
	4.911		424			4.655		434		DIFF IN ELEVATION - 0.397
7	15.368	5.123		3.036		14.616	4.872		3.060	
	5.119		211			4.819		210		
	4.908					4.609		209		
	4.697		422			4.400		419		
8	14.724	4.908		3.458		13.828	4.609		3.477	
	5.451		216			7.760		209		B.M. 30-2A (CLEARWATER R.M. 82 I-12)
	5.235		214			7.551		205		WILLOW ST. & CLARK AVE.
	5.021		430			7.346		414		SEE F.B. 1396-7
9	15.707	5.236		3.855		22.657	7.552		3.893	FOR DESCRIPTION
				91						
		45.791					46.188			

F.B. 1364 P.G. 40

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Lande Time 2:45 To 3:20 Rod No. 5E6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-3 To B.M. 30-2A
Date 8-27-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5482		220		#5	5848		206		B.M. 30-3
	5262		217			5642		210		Clark Ave & Stearns Ave
	5045		437			5432		416		See F.B. 1396-8
1	15789	5.263		437	74°	16922	5.641		416	for description
	5301		248			5131		248		
	5053		246			4883		246		⊼ G.E. Dreier
	4807		494			4637		494		
2	15161	5.054		931		14651	4.884		910	
	5428		216			4830		213		
	5212		214			4617		212		
	4998		430			4405		425		
3	15638	5.213		1361		13852	4.617		1335	
	4919		210			4731		214		
	4709		211			4517		211		
	4498		421			4306		425		
4	14126	4.709		1782		13554	4.518		1760	
	5759		211			5291		210		
	5548		210			5081		209		
	5338		421			4872		419		
5	16645	5.548		2203		15244	5.081		2179	
		25.787					24.741			

F.B. 1364 P.G. 41

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:45 To 3:20 Rod No. 566

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-3 To B.M. 30-2A
Date 8-27-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5262	25.787	212	2203		4752	24.781	214	2179	
	5050		211			4538		215		
	4839		423			4523		429		
6	15151	5.050		2626		14213	4.738		2608	
	5381		214			5133		215		Summation of Run
	5167		215			4918		215		B.M. 30-3 To B.M. 30-2A
	4952		429			4703		430		
7	15500	5.167		3055		14754	4.918		3038	
	5232	36004	207			4940	5.727	213		Total Backsights = + 46.345
	5025		206			4727		214		Total Foresights = - 46.757
	4819		413			4513		427		Diff. in Elev. = - 0.412
8	15076	5.025		3468		14180	4.727		3465	
	5530		214			7840		208		B.M. 30-2A
	5316		215			7632		205		Clark Ave & Willow St
	5101		429			7427		413		See F.B. 1896-9
9	15947	5.316		3897	78°	22899	7.633		3878	for description
		46345					46.757			

F.B. 1364 P.G. 42

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather Overcast Inst. No. 50010
Notes by E. Landa Time 8:30 To 9:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From B.M. 30-3 To B.M. 30-4
Date 8-25-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5719		190		#6	5993		193		B.M. 30-3
	5529		190			5800		192		Clark Ave & Stearns Ave
	5339		380			5608		385		See F.B. 1296-B
1	16587	5.529		380		17401	5.800		385	for description
	5133		192			6049		198		
	4941		190			5850		198		TK G.E. Dreier
	4751		382			5652		396		
2	14825	4.942		762		17550	5.850		781	
	4757		194			5388		195		
	4563		191			5193		194		
	4372		385			4999		389		
3	13692	4.564		1147		15580	5.193		1170	
	5245		193			5713		194		
	5052		192			5519		192		
	4860		385			5327		386		
4	15157	5.052		1532		16559	5.520		1556	
	5149		196			5733		192		
	4953		193			5541		191		
	4760		389			5350		383		
5	14862	4.954		1921		16624	5.541		1939	
		25.041					27.904			

F.B. 1364 P.G. 43

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather Overcast Inst. No. 50010
Notes by E. Landa Time 8:30 To 9:[illegible] Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-3 To B.M. 30-4
Date 8-25-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4708	25.04	196	1921		5100	27.904	192	1939	
	4512		192			4908		192		
	4320		388			4716		384		
6	13540	4.513		2309		14724	4.908		2323	
	5381		194			5587		195		
	5187		194			5392		193		
	4993		388			5199		388		
7	15561	5.187		2697		16178	5.393		2711	
	5299		251			6172		251		B.M. 30-4 (City L.B.)
	5048		251			5921		250		Clark Ave & Pinerton St.
	4797		502			5671		1501		See F.B. 1392-9
8	15144	5.048		3199	68°	17764	5.921		3212	for description
										Summation of Run
										B.M. 30-3 To B.M. 30-4
										Total Backsights = + 39.789
										Total Foresights = − 44.126
										Diff. in Elev = − 4.337
		39.789					44.126			

F.B. 1364 P.G. 44

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 500.10
Notes by E. Landa Time 3:30 To 3:50 Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-4 To B.M. 36-3
Date 8-24-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6145		252		#5	5390		250		B.M. 30-4 (City L.B.)
	5893		248			5020		252		Clark Ave & Etherton St.
	5645		500			4768		502		See F.B. 1391-9
1	17683	5.894		500	79°	15058	5.019		502	for description
	5622		193			5402		191		
	5410		191			5211		191		TM G.E. Dreier
	5219		384			5020		382		
2	16232	5.411		884		15633	5.211		884	
	4907		195			4507		195		
	4712		192			4312		192		
	4520		387			4120		387		
3	14139	4.713		1271		12939	4.313		1271	
	5737		194			5155		193		
	5543		190			4962		194		
	5353		384			4768		387		
4	16633	5.544		1655		14885	4.962		1658	
	5753		194			5282		192		
	5559		192			5090		192		
	5367		386			4898		384		
5	16679	5.559		2041		15270	5.090		2042	
		27.121					24.595			

F.B. 1364 P.G. 45

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: C.E. Dreier Weather: Clear Inst. No. 50010
Notes by: E. Landa Time: 3:30 TO 3:[illegible] Rod No. 566

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 30-4 To: B.M. 30-3
Date: 8-24-54
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
	5374	27.121	195	2041		4747	24.595	194	2042	
	5179		195			4553		191		
	4984		390			4362		385		
6	15537	5.179		2431		13662	4.554		2427	
	6059		192			5141		191		
	5862		197			4950		191		
	5665		394			4759		382		
7	17586	5.862		2825		14850	4.950		2809	
	5976		194			5703		190		B.M. 30-3
	5782		195			5513		190		CLARK AVE. & STEARNS ST
	5587		389			5323		380		SEE F.B. 1396-8
8	17345	5.782		3214	80°	16539	5.513		3189	FOR DESCRIPTION
										SUMMATION OF RUN B.M. 30-4 TO B.M. 30-3
										TOTAL BACKSIGHTS = +43.944
										TOTAL FORESIGHTS = -39.612
										DIFF IN ELEVATION = +4.332
		43.944					39.612			

F.B. 1364 P.G. 46

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 9:05 TO 9:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-4 To B.M. 30-6
Date 8-25-54
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
	6.123		048		#5	6.379		051		B.M. 30-4 (CITY L.B.)
	6.075		046			6.328		052		CLARK AVE & ATHERTON ST
	6.029		094			6.276		103		SEE F.B. 1396-9
1	18.227	6.076		.094	68°	18.983	6.328		.103	FOR
										B.M. 30-5
										CLARK AVE & ATHERTON ST &
										SEE F.B. 1396-9
										FOR DESCRIPTION
	6.193		196			4.821		204		π E. LANDA
	5.997		196			4.617		203		- 6.328
	5.801		392			4.414		407		+ 6.576
2	17.991	5.997		.486		13.852	4.617		.510	- 0.252
	5.492		170			3.910		169		+ 11.319
	5.322		169			3.741		170		- 8.358
	5.153		339			3.571		339		+ 2.961
3	15.967	5.322		.825		11.222	3.741		.849	
										T.B.M. #1 (LINE #30)
										CLARK AVE, E. SIDE AT DITCH
										S. OF ATHERTON ST. L.&T.
										IN CURB AT N. EDGE CONCRETE
		17.395					14.686			

F.B. 1364 P.G. 47

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E DREIER Time 9:05 TO 9:[illegible] Rod No. 5 8 6

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 30-4 To B.M. 30-6
Date 8-25-54
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
	4.720	17395	213	.825		4.728	14.686	209	.849	+ 10,581
	4.507		213			4.519		208		- 5.239
	4.294		426			4.311		417		+ 5.342
5	13.521	4.507		1.251		13.558	4.519		1.266	
	6300		227			0.947		230		B.M. 30-6 (U.S. 4612 M-789)
	6073		224			0.719		228		CLARK AVE, W. SIDE, S. OF ATHERTON
	5.849		451			0.491		458		SEE F.B. 1396-10
6	18.222	6074		1.702		2.159	0.720		1.724	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 27.976
										TOTAL FORESIGHTS - 19.925
										DIFF 30-4 TO 30-6 + 8.051
										" 30-4 TO 30-5 - 0.252
										" 30-5 TO T.B.M. #1 + 2.961
										" T.B.M. #1 TO 30-6 + 5.342
		27.976					19.925			

F.B. 1364 P.G. 48

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 5001 0
Notes by G. E. DREIER Time 2:50 TO 3:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-6 To B.M. 30-4
Date 8-24-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.930		227		#5	6.279		227		B.M. 30-6 U.S. 4612
	0.703		226			6.052		224		CLARK AVE., W. SIDE, S. OF ATHERTON
	0.477		453			5.829		451		SEE F.B. 1396-10
1	2.110	0.703		.453		18.159	6.053		.451	FOR DESCRIPTION
	4.748		213			4.737		209		
	4.535		211			4.528		210		⊼ E. LANDA
	4.324		424			4.318		419		- 10.581
2	3.607	4.536		.877		13.583	4.528		.870	+ 5.239
										- 5.342
		5.239					10.581			T.B.M. #1 (LINE 30)
										CLARK AVE, E. SIDE AT DITCH S OF
										ATHERTON.
										L.&T. IN CB AT N. SIDE OF
	3.924		168			5.503		167		CONC. BRIDGE
	3.756		169			5.336		169		
	3.587		337			5.167		336		- 11.385
3	11.267	3.756		1.214		16.006	5.335		1.206	+ 8.342
	4.789		203			6.167		197		- 2.963
	4.586		204			5.970		196		
	4.382		407			5.774		393		
4	13.757	4.586		1.621		17.911	5.970		1.599	
		13.551					21.886			

F.B. 1364 P.G. 49

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-WIND-SUN Inst. No. 50010
Notes by G.E. DREIER Time 2:55 to 3:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-6 To B.M. 30-4
Date 8-24-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		13.581		1.621			[illegible]		1.599	B.M. 30-5 K. INT. CLARK AVE & ATHERTON ST SEE F.B. 1396-9 FOR DESCRIPTION
	6.300 6.249 6.199		051 050 101			6.04[illegible] 5.992 5.944		048 048 096		B.M. 30-4 (CITY L.B.) CLARK AVE & ATHERTON ST. SEE F.B. 1396-9 FOR DESCRIPTION
5.	18.748	6.249		1.722		17.976	5.992		[illegible]	
										+ 6.249 - 5.992 + 0.257
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +19.830 TOTAL FORESIGHTS -27.878 DIFF. 30-6 TO 30-4 -8.048 " 30-6 TO T.B.M. #1 -5.342
										" T.B.M. #1 TO 30-5 -2.963 " 30-5 TO 30-4 +0.257
		19.830					27.878			

F.B. 1364 P.G. 50

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
72 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 10:35 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-4 To B.M. 30-5
Date 8-25-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5971		049			6238		052		B.M. 30-4 (CITY L.B.)
	5.922		049			6.176		051		CLARK AVE & ATHERTON ST
	5.873		.098			6.125		103		SEE F.B. 1396-9 FOR DESC.
1	17.766	5.922				18.529	6.176			
										B.M. 30-5
	6.287		052			6.029		049		
	6.235		052			5.980		047		-6.176 +6.235
	6.183		104			5.933		96		+5.922 -5.981
1	18.705	6.235		202		17.942	5.981			-0.254 +0.254
		12.157					12.157			

F.B. 1364 P.G. 51

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 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. 1364 P.G. 52										

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 9:20 TO Rod No. 5816

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 30-6 To B.M. 30-24
Date 8-25-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.219		199		#5	0.656		195		B.M. 30-6 (U.S. 4612 M-789)
	7.020		195			0.461		193		CLARK AVE, W. SIDE, S. OF ATHERTON
	6.825		394			0.268		388		SEE F.B. 1346-10
1	21.064	7.021		394	76°	1.385	0.462		.388	FOR DESCRIPTION
	8.769		196			1.391		197		
	8.573		195			1.194		193		T E. LANDA
	8.378		391			1.001		390		
2	25.720	8.573		.785		3.586	1.195		.778	
	9.067		189			1.373		185		
	8.878		189			1.188		187		
	8.689		378			1.001		372		
3	26.634	8.878		1.163		3.562	1.187		1.150	
	7.168		195			3.054		195		
	6.973		192			2.859		192		
	6.781		387			2.667		387		
4	20.922	6.974		1.550		8.580	2.860		1.537	
	7.061		192			2.999		195		
	6.869		191			2.804		193		
	6.678		383			2.611		388		
5	20.608	6.869		1.933		8.414	2.805		1.925	
		38.315					8.509			

F.B. 1364 P.G. 58

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 9:20 TO 9:4[illegible] Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-6 To B.M. 30-24
Date 8-25-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.127	38.315	147	1933		3.269	8.509	148	1.925	
	5.980		147			3.121		144		SUMMATION OF RUN
	5.833		294			2977		292		TOTAL BACKSIGHTS +56.740
6	17.940	5.980		2.227		9.367	3.122		2.217	TOTAL FORESIGHTS -20.902
	6.572		180			5.232		173		DIFF 30-6 TO 30-24 +35.838
	6.392		179			5.059		174		" 30-6 TO 30-23 +33.997
	6.213		359			4.885		347		" 30-23 TO 30-24 + 1.841
7	19.177	6.392		2.586		15.176	5.059		2.564	
		50.687					16.690			B.M. 30-23 (U.S. 4611) (△ L.B.I-3)
										PAC. COAST HWY & ANAHEIM ST
										SEE F.B. 1396-26
										FOR DESCRIPTION
	6.116		063			4.254		042		B.M. 30-24 (U.S. 2185 G-51 RESET 1926)
	6.053		062			4.212		041		PAC. COAST HWY. & ANAHEIM ST.
	5.991		125			4.171		083		SEE F.B. 1396-26
8	18.160	6.053		2.711	70°	12.637	4.212		2.647	FOR DESCRIPTION
										+6.053 +50.687
										-4.212 -16.690
										+1.841 +33.997
		56.740					20.902			

F.B. 1364 P.G. 54

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From 30-24 To B.M. 30-6
Date 8-24-54
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
	4.203		042		5	6.060		063		B.M. 30-24 (U.S. 2185 G-51) RESET 1926
	4.161		042			5.997		064		PAC. COAST Hwy & ANAHEIM ST
	4.119		084			5.933		127		SEE F.B. 1396-26
1	12.483	4.161		.084	78°	17.990	5.997		127	FOR DESCRIPTION
										B.M. 30-23 (U.S. 4611 L.B. I-3)
										PAC. COAST Hwy & ANAHEIM ST
										SEE F.B. 1396-26
										FOR DESCRIPTION
	5.318		178			6.654		177		
	5.140		179			6.477		177		
	4.961		357			6.300		354		△ E. LANDA
2	15.419	5.140		.441		19.431	6.477		.481	
	3.071		150			5.915		141		
	2.921		149			5.774		138		-5.997 L
	2.772		299			5.636		279		+4.161 L
3	8.764	2.921		.740		17.325	5.775		.760	-1.836 L
	2.999		196			7.061		191		
	2.803		193			6.870		192		
	2.610		389			6.678		383		
4	8.412	2.804		1.129		20.609	6.870		1.143	
		15.026					25.119			

F.B. 1364 P.G. 55

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 2:50 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-24 To B.M. 30-6
Date 8-24-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.124	15.026	194	1.129		7.233	25.119	191	1.143	
	2.930		192			7.042		194		SUMMATION OF RUN
	2.738		386			6.848		385		TOTAL BACKSIGHTS + 20.783
5	8.792	2.931		1.515		21.123	7.041		1.528	TOTAL FORESIGHTS - 56.622
	1.385		185			9.082		189		DIFF 30-24 TO 30-6 - 35.839
	1.200		183			8.893		189		" 30-24 TO 30-23 - 1.836
	1.017		368			8.704		378		" 30-23 TO 30-6 - 34.003
6	3.602	1.201		1.353		26.679	[illegible]		[illegible]	
	1.440		194			8.817		196		
	1.246		196			8.621		194		
	1.050		390			8.427		393		
7	3.736	1.245		2.273		25.865	8.622		[illegible]	
	0.580		200			7.141		193		B.M. 30-6 (U.S. 4612 M-789)
	0.380		199			6.948		195		CLARK AVE. WEST S. OF ATHERTON
	0.181		399			6.753		385		SEE F.B. 1396-10
8	1.141	0.380		2.672		20.842	6.947		2.684	FOR DESCRIPTION
		20.783					56.622			

F.B. 1364 P.G. 56

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.

1841
-1836

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 1005 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-23 To B.M. 30-24
Date 8-25-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.175		064			4.315		044		B.M. 30-23 W.S.
	6.111		061			4.271		041		PAC. COAST HWY & ANAHEIM ST
	6.050		125			4.230		085		SEE F.B. 1396-
1	18.336	6.112				12.816	4.272			FOR DESCRIPTION
										B.M. 30-24 W.S.
										PAC. COAST HWY & ANAHEIM ST
										SEE F.B. 1396-
										FOR DESCRIPTION
	4.364		044			6.219		063		
	4.320		042			6.156		064		
	4.278		086			6.092		127		
1	12.962	4.321				18.467	6.156			
	6.042		063			4.187		043		B.M. 30-23
	5.979		062			4.144		043		
	5.917		125			4.101		086		
1	17.938	5.979				12.432	4.144			
	4.242		042			6.104		063		+6.112 -6.156 +5.979
	4.200		042			6.041		062		-4.272 +4.321 -4.144
	4.158		084			5.979		125		+1.840 -1.835 +1.835
1.	12.600	4.200				18.124	6.041			-6.041
										+4.200
										-1.841

F.B. 1354 P.G. 57

76P526 S & E #379 1-54

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

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

204
201

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 10:25 Rod No. 5 ONLY

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.m. 30-23 To B.m. 30-24
Date
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
	6.106		064			4.249		043		+6.043
	6.042		062			4.205		041		-4.206
	5.980		126			4.164		086		+1.837
1	18.128	6.043				12.618	4.206			
	4.109		042			5.968		064		-5.904
	4.067		042			5.904		063		+4.067
	4.025		084			5.841		127		-1.837
1	12.201	4.067				17.713	5.904			
		12110					10110			

F.B. 1364 P.G. 58

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 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: C. E. DREIER
Weather: WINDY - CLEAR
Inst. No.: 50010
Notes by: G. E. DREIER
Time: 1:30 TO
Rod No.: 586

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 30-24 To: B.M. 30-26
Date: 8-25-54
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.940		196		#5	5.754		193		B.M. 30-24 (U.S. 2185 G-51 RESET 1920)
	3.744		194			5.561		191		PAC. COAST HWY & ANAHEIM ST.
	3.550		390			5.370		384		SEE F.B. 1396-26
1	11.234	3.745		390	73°	16.685	5.562		384	FOR DESCRIPTION
	3.089		199			6.893		193		
	2.890		198			6.690		191		T E. LANDA
	2.692		397			6.499		384		
2	8.671	2.890		.787		20.072	6.691		.768	
	2.843		213			7.726		214		
	2.630		213			7.512		210		
	2.417		426			7.302		424		
3	7.890	2.630		1.213		22.540	7.513		1.192	
	3.348		211			7.946		263		
	3.137		209			7.683		263		
	2.928		420			7.420		526		
4	9.413	3.138		1.633		23.049	7.683		1.718	
	3.333		215			5.519		209		
	3.118		218			5.310		209		
	2.900		433			5.101		418		
5	9.351	3.117		2.066		15.930	5.310		2.136	
		15.520					32.759			

F.B. 1364 P.G. 59

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 WINDY - CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.m. 30-24 To B.m. 30-26
Date 8-25-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.608	5.520	220	2.066		3.627	3.559	205	2.136	
	5.588		221			3.422		202		
	5.167		221			3.220		407		
6	16.163	5.388		2.507		10.269	3.423		2.543	
	6.965		210			3.515		212		
	6.755		210			3.303		210		
	6.545		420			3.093		422		
7	20.265	6.755		2.727		9.911	3.304		2.965	
	7.045		213			3.821		212		
	6.832		210			3.615		208		
	6.622		423			3.407		420		
8	20.499	6.833		3.350		10.849	3.616		3.385	
	5.956		218			5.150		205		
	5.738		216			4.945		203		
	5.522		434			4.742		408		
9	17.216	5.739		3.784		14.837	4.946		3.793	
	4.455		214			6.227		208		
	4.241		210			6.019		208		
	4.031		424			5.811		416		
10	12.727	4.242		4.208		18.057	6.019		4.209	
		44.477					54.067			

F.B. 1354 P.G. 20

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1130 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-24 To B.M. 30-26
Date 8-25-54
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.545	44.477	208	4.208		2.627	54.067	213	4.209	
	5.337		207			2.414		210		
	5.130		415			2.204		423		
11	16.012	5.337		4.623		7.245	2.415		4.632	
	9.311		178			0.655		167		
	9.133		174			0.488		168		
	8.959		352			0.320		335		
12	27.403	9.134		4.975		1.463	0.488		4.967	
	9.650		165			0.848		173		
	9.488		167			0.675		171		
	9.324		332			0.504		344		
13	28.462	9.487		5.307		2.027	0.676		5.311	
	9.515		217			3.302		203		
	9.298		217			3.099		205		
	9.081		434			2.894		408		
14	27.894	9.298		5.741		9.295	3.098		5.719	
	6.407		247			4.594		254		
	6.160		247			4.340		250		
	5.913		494			4.090		504		
15	18.480	6.160		6.235		13.024	4.341		6.223	
		83.893					65.085			

F.B. 1364 P.G. 61

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY - CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-24 To B.M. 30-26
Date 8-25-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5,670	83.393	221	6.235		5255	63.85	223	6,223	
	5,449		219			5032		220		
	5,230		440			4812		443		
16	16.349	5.450		6.675		15.099	5.33		6.666	
		89.343					70.18			B.M. 30-25 (U.S. 3899 Y-766) PAC. COAST HWY & BELLFLOWER BLVD. SEE F.B. 1396-27 FOR DESCRIPTION
	4257		045			6.625		044		B.M. 30-26 (U.S. 3900) (A.L.C.J-3) PAC. COAST HWY & BELLFLOWER BLVD SEE F.B. 1396-27 FOR DESCRIPTION
	4.212		043			6.581		043		
	4.169		088			6.538		087		
17	12.635	4.213		6.763		19.744	6.5[illegible]		6.753	
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 93556
										TOTAL FORESIGHTS − 76699
										DIFF 30-24 TO 30-26 +16.857
										" 30-24 TO 30-25 +19.225
										" 30-25 TO 30-26 −2.368
		93556					76.699			

F.B. 1364 P.G. 62

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 9:00 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 30-26 To B.M. 30-24
Date 8-26-54
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.388		045			4.218		045		B.M. 30-26 (U.S. 3900) (A.L.B.J-3)
	6.543		043			4.173		043		PAC. COAST HWY & BELLFLOWER BLVD.
	6.500		088			4.130		088		SEE F.B. 1396-27
1	9.631	6.544		088		12.521	4.174		.088	FOR DESCRIPTION
										B.M. 30-25 U.S. 3899 Y-766
										PAC. COAST HWY & BELLFLOWER BLVD.
										SEE F.B. 1396-27
										FOR DESCRIPTION
	5.212		223			5.620		217		
	4.989		223			5.403		215		↑ E. LANDA
	4.766		446			5.188		432		
2	14.967	4.989		.534		16.211	5.404		.520	+6.544
	4.450		253			6.260		250		- 4.174
	4.197		250			6.010		250		+2.370
	3.947		503			5.760		500		
3	12.594	4.198		1.037		18.030	6.010		1.020	
	3.349		201			9.561		215		
	3.148		200			9.346		216		
	2.948		401			9.130		431		
4	9.445	3.148		1.438		28.037	9.346		1.451	
		18.879					24.934			

F.B. 1364 P.G. 63

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-26 To B.M. 30-24
Date 8-26-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.840	18.879	170	1438		9.648	20.934	168	1.451	
	0.670		169			9.480		169		
	0.501		339			9.311		337		
5	2.011	0.670		1.777		28.439	9.480		1.788	
	0.568		171			9.224		174		
	0.397		167			9.050		176		
	0.228		340			8.874		350		
6	1.193	0.395		2.117		27.148	9.[illegible]47		2.138	
	2.512		212			5.431		209		
	2.300		210			5.222		209		
	2.090		422			5.013		418		
7	6.902	2.301		2.539		15.666	5.222		2.556	
	6.151		211			4.373		210		
	5.940		210			4.163		211		
	5.730		421			3.952		421		
8	17.821	5.940		2.960		12.488	4.163		2.977	
	5.144		209			5.939		210		
	4.935		208			5.729		210		
	4.727		417			5.519		420		
9	14.806	4.935		3.377		17.187	5.729		3.397	
		33.123					33.577			

F.B. 1364 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 THIN OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 9:00 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-26 To B.M. 30-24
Date 8-26-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.741	3.123	210	3.377		6.961	6.577	208	3.397	
	3.531		209			6.753		210		
	3.322		419			6.543		418		
10	10.594	3.531		3.796		20.257	6.752		3.815	
	3.491		212			6.941		210		
	3.279		209			6.731		208		
	3.070		421			6.523		418		
11	9.840	3.280		4.217		20.195	6.732		4.233	
	3.541		211			5.514		215		
	3.330		209			5.299		217		
	3.121		420			5.082		432		
12	9.992	3.331		4.637		15.895	5.298		4.665	
	5.553		211			3.368		219		
	5.342		209			3.149		219		
	5.133		420			2.930		438		
13	16.028	5.343		5.057		9.447	3.149		5.103	
	7.911		261			3.315		212		
	7.650		257			3.103		212		
	7.393		508			2.891		424		
14	22.954	7.651	18	5.565		9.309	3.103		5.527	
		56.259					83.611			

F.B. 1364 P.G. 65

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-26 To B.M. 30-24
Date 8-26-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.756	56.259	214	5.565		2.871	83.611	212	5.527	
	7.542		211			2.659		214		
	7.331		425			2.445		426		
15	22.629	7.543		5.990		7.975	2.658		5.253	
	6.859		196			3.058		199		
	6.663		193			2.859		199		
	6.470		389			2.660		398		
16	19.992	6.664		6.379		8.577	2.859		6.351	
	5.801		191			3.989		198		B.M. 30-24 (U.S. 2185 G-51 RESET 1926)
	5.610		191			3.791		194		PAC COAST HWY & ANAHEIM ST
	5.419		382			3.597		392		SEE F.B. 1356-26
17	16.830	5.610		6.761		11.377	3.792		6.743	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 76.076
										TOTAL FORESIGHTS - 92.920
										DIFF 30-26 TO 30-24 - 16.844
										" 30-26 TO 30-25 + 2.370
										" 30-25 TO 30-24 - 19.214
		76.076					92.920			

F.B. 1364 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 Clear Inst. No. 50010
Notes by E. Landa Time 1:40 To 2:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-26 To B.M. 30-28
Date 8-26-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2821		209		#5	9653		210		B.M. 30-26 (U.S. 3900) (A.L.B. J3)
	2612		210			9443		209		Pacific Cst Hwy & Bellflower Blvd
	2402		419			9234		419		See F.B. 1396-27
1	7835	2.612		419	76°	28330	9.443		419	for description
	1405		147			9427		145		
	1258		147			9282		143		⊼ G.E. Dreier
	1111		294			9139		288		
2	3774	1.258		713		27848	9.283		707	
	1832		147			8627		146		
	1685		145			8481		144		
	1540		292			8337		290		
3	5057	1.686		1005		25445	8.482		997	
	0892		175			10197		179		
	0717		175			10018		176		
	0542		350			9842		355		
4	2151	0.717		1355		30057	10.019		1352	
	2294		112			8267		106		
	2182		111			8161		104		
	2071		223			8057		210		
5	6547	2.182		1578		24485	8.162		1562	
		8.455					45.389			

F.B. 1364 P.G. 67

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 1:40 To 2:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-26 To B.M. 30-28
Date 8-26-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2333	8.455	105	578		8807	45.389	112	1562	
	2228		106			8695		110		
	2122		211			8585		222		
6	6683	2.228		1789		26067	8.696		1884	
		10.683					54.085			B.M. 30-27 (L.B. J-4) Pacific St. Hwy. 2 mi. S of S.F. See F.B. 1396-28 for description
	2055		211			9372		211		
	1844		208			9161		210		Summation of Run
	1636		419			8951		421		B.M. 30-26 To B.M. 30-28
7	5535	1.845		2208		27484	9.161		2205	Total Backsights = + 18.648
	2879		93			6853		186		Total Foresights = - 75.065
	2686		193			6667		188		Diff in Elev = - 56.417
	2499		390			6479		374		B.M. 30-26 To B.M. 30-27 = - 43.402
8	8064	2.688	80	2598		19999	6.666		2599	" 30-27 To " 30-28 = - 13.015
	3613		182			5339		185		B.M. 30-28 (U.S. 2926) (F-168)
	3431		180			5152		181		Pacific St. Hwy. & Colorado St.
	3251		362			4971		366		See F.B. 1396-29
9	10295	3.432		2940	77°	15460	5.153		2945	for description
		18.648					75.065			

F.B. 1364 P.G. 68

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 Clear Inst. No. 50010
Notes by E. Lande Time 2:30 To 3:05 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 6301.02
From B.M. 30-28 To B.M. 30-26
Date 8-26-54
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
	5371		183		#5	3644		181		B.M. 30-28 (US 2926) (F-168)
	5188		181			3463		181		Pacific Cst. Hwy. & Colorado St
	5007		364			3282		362		See F.B. 1396-29
1	15566	5.189		364	77°	10389	3.463		362	for description
	6918		188			2937		187		
	6730		188			2750		187		⊼ G.E. Dreier
	6542		376			2563		374		
2	20190	6.730		740		8250	2.750		736	
	9297		214			1978		211		B.M. 30-27 (L.B.J.-4)
	9083		212			1767		208		Pacific Cst. Hwy. & 3 mi E B.F.
	8871		426			1559		419		See F.B. 1396-28
3	27251	9.084		1166		5304	1.768		1155	for description
	8608	21.003	111			2337	7.981	108		
	8497		110			2229		106		
	8587		221			2123		214		
4	26092	8.697		1387		6689	2.230		1369	
	8238		105			2266		112		
	8133		103			2154		111		
	8030		208			2043		223		
5	24401	8.134		1595		6463	2.154		1592	
		37.834					12.365			

F.B. 1364 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 Clear Inst. No. 50010
Notes by E. Landa Time 2:30 To 3:05 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-28 To B.M. 30-26
Date 8-26-54
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
	10108	37.934	176	1595		0808	12.365	175	1592	
	9932		175			0633		174		
	9757		351			0459		349		
6	29797	9.932		1946		1900	0.633		1941	
	8503		145			1709		147		
	8358		147			1562		146		Summation of Run
	8211		292			1416		293		B.M. 30-28 To B.M. 30-26
7	25072	8.357		2238		4687	1.562		2234	Total Backsights = + 74.774
	9419		146			1398		146		Total Foresights = - 18.355
	9273		143			1252		145		Diff. in Elev. = + 56.419
	9130		289			1107		291		B.M. 30-28 To B.M. 30-27 = +13.022
8	27822	9.274		2527		3757	1.252		2525	30-27 To 30-26 = +43.397
	9585		208			2751		209		B.M. 30-26 (U.S. 3900) (A.L.B.J.S.)
	9377		208			2542		207		Pacific Cst. Hwy. & Bellflower Blvd
	9169		416			2335		416		See F.B. 1396-27
9	28131	9.377		2943	76°	7628	2.543		2941	for description
		74.774					18.355			

F.B. 1364 P.G. 70

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 9:00 TO 9:20 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-28 To B.M. 30-29
Date 8-27-54
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
	2.859		207		#5	7.242		212		B.M. 30-28 (U.S. 2926 F-168)
	2.652		205			7.030		212		PACIFIC COAST Hwy & COLORADO ST
	2.447		412			6.818		424		SEE F.B. 1396-29
1	7.958	2.653		412	68°	21.090	7.030		424	FOR DESCRIPTION
	2.871		212			6.570		212		
	2.659		211			6.358		209		TT E. LANDA
	2.448		423			6.149		421		
2	7.978	2.659		.835		19.077	6.359		.845	
	3.282		212			5.251		214		
	3.070		210			5.037		217		
	2.860		422			4.820		431		
3	10.212	3.071		1.257		15.108	5.036		1.276	
	4.970		210			5.467		214		
	4.760		209			5.253		210		
	4.551		419			5.043		424		
4	14.281	4.760		1.676		15.763	5.254		1.700	
	5.270		211			5.086		218		
	5.059		211			4.868		217		
	4.848		422			4.651		435		
5	15.177	5.059		2.098		14.605	4.868		2.135	
		18.202					28.547			

F.B. 1364 P.G. 71

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 9:00 TO 9:22 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 30-28 To B.M. 30-29
Date 8-27-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.733	18.202	212	2.098		5.307	22.547	212	2.135	
	5.521		210			5.095		211		
	5.311		422			4.884		423		
6	16.565	5.522		2.520		15.286	5.095		2.558	
	5.765		212			7.786		190		
	5.553		209			7.596		191		
	5.344		421			7.405		381		
7	16.662	5.554		2.941		22.787	7.596		2.939	
	3.357		147			3.180		154		B.M. 30-29 (F.C. 120-1)
	3.210		146			3.026		153		PAC. COAST HWY & LOS CERRITOS CHAN.
	3.064		293			2.873		307		SEE F.B. 1396-30
8	9.631	3.210		3.234		9.079	3.026		3.246	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 30-28 TO B.M. 30-29
										TOTAL BACKSIGHTS +32.488
										TOTAL FORESIGHTS -44.264
										DIFF IN ELEVATION -11.776
		32.488					44.264			

F.B. 1364 P.G. 72

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 9:20 TO 9:40 Rod No. 5 #6

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 30-29 To B.M. 30-28
Date 8-27-54
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
	3.179		155		#5	3.355		146		B.M. 30-29 (F.C. '20-1)
	3.024		153			3.209		146		PAC COAST HWY & LOS CERRITOS CHAN
	2.871		308			3.063		292		SEE F.B. 1396-30
1	9.074	3.025		308		9.627	3.209		.292	FOR DESC
	7.771		191			5.750		211		
	7.580		189			5.539		209		
	7.391		380			5.330		420		
2	22.742	7.581		.685		16.619	5.540		.712	
	5.262		211			5.690		210		
	5.051		210			5.480		210		
	4.841		421			5.270		420		
3	15.154	5.051		1.109		16.440	5.480		1.132	
	5.160		219			5.343		211		
	4.941		218			5.132		210		
	4.723		437			4.922		421		
4	14.824	4.941		1.546		15.397	5.132		1.553	
	5.559		213			5.061		209		
	5.346		211			4.852		210		
	5.135		424			4.642		419		
5	16.040	5.347		1.970		14.555	4.852		1.972	
		25.945					24.213			

F.B. 1364 P.G. 73

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 9:20 TO 9:40 Rod No. 58.6

Name L. A. CO. PRECISE LEVEL NET
Job No 0.301.02
From B.M. 30-29 To B.M. 30-28
Date 8-27-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.410	25.945	216	1.970		3.444	[illegible]	212	1.972	
	5.194		214			3.232		212		
	4.980		430			3.020		424		
6	15.584	5.195		2.400		9.696	[illegible]		2.396	
	6.540		210			2.841		213		
	6.330		212			2.628		210		
	6.118		422			2.418		423		
7	18.988	6.329		2.822		7.887	2.629		2.819	
	7.161		212			2.782		209		B.M. 30-28 (W.S. 2926 F-168)
	6.949		211			2.573		205		PAC COAST HWY & COLORADO ST
	6.738		423			2.368		414		SEE F.B. 1396-29
8	20.848	6.949		3.245		7.723	2.574		3.233	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 30-29 TO B.M. 30-28
										TOTAL BACKSIGHTS +44.418
										TOTAL FORESIGHTS -32.648
										DIFF IN ELEVATION +11.770
		44.418					32.648			

F.B. 1364 P.G. 74

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZY - SUN Inst. No. 50010
Notes by G. E. DREIER Time 9.50 TO 10:45 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-29 To B.M. 30-31
Date 8-27-54
Indexed L. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.575		078			5.339		080		B.M. 30-29 (F.C. 120-1)
	4.497		077			5.259		080		PAC. COAST HWY. & LOS CERRITOS
	4.420		155			5.179		160		CHANNEL, N. SIDE
1	13.492	4.497		155		15.777	5.259		160	SEE F.B. 1396-30 FOR DESC.
	10.707		250			3.897		257		
	10.457		250			3.640		254		TT E. LANDA
	10.207		500			3.386		511		
2	31.371	10.457		655		10.923	3.641		.671	
	4.109		256			7.367		271		
	3.853		253			7.096		267		+18.808
	3.600		509			6.829		538		-15.997
3	11.562	3.854		1.164		21.292	7.097		1.209	+2.811
		18.808					15.997			B.M. 30-30 (Δ LONG BEACH K-5)
										PAC. COAST HWY. & LOS CERRITOS
										CHANNEL, S. SIDE
										SEE F.B. 1396-31 FOR DESC.
	5.410		194			5.369		194		
	5.216		192			5.175		191		
	5.024		386			4.984		385		
4	15.650	5.217		1.550		15.528	5.176		1.594	
		24.025					21.173			

F.B. 1364 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 9:50 TO 10:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 50010
From B.M. 30-29 To B.M. 30-
Date 8-27-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.607	24.025	196	1.550		5.565	21.173	194	1.594	
	4.411		192			5.371		191		
	4.219		388			5.180		385		
5	13.237	4.412		1.938		16.116	5.372		1.979	
	4.701		190			5.390		200		
	4.511		187			5.190		199		
	4.324		378			4.991		399		
6	13.536	4.512	377	2.316		15.571	5.190		2.378	
	5.210		193			4.824		195		
	5.017		193			4.629		197		
	4.824		386			4.432		392		
7	15.051	5.017		2.702		13.885	4.628		2.770	
	5.406		204			5.117		187		
	5.202		202			4.930		187		
	5.000		406			4.743		374		
8	15.608	5.203		3.108		14.790	4.930		3.144	
	5.424		198			5.196		190		
	5.222		200			5.006		189		
	5.022		398			4.817		379		
9	15.664	5.221		3.506		15.019	5.006		3.523	
		48.390					46.399			

F.B. 1364 P.G. 76

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 10:45 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 30-29 To B.M. 30-31
Date 8-27-54
Indexed [redacted]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.949	48.390	197	3.506		5.263	46.299	188	3.523	
	5.752		193			5.075		186		
	5.559		390			4.889		374		
10	16.260	5.753		3.896		15.227	5.076		3.897	
	5.382		194			5.500		172		
	5.188		195			5.308		192		
	4.993		389			5.116		384		
11	15.563	5.188		4.285		15.924	5.308		4.281	
	5.054		194			5.740		191		
	4.860		193			5.549		191		
	4.667		387			5.358		382		
12	14.581	4.860		4.672		16.647	5.549		4.663	
	5.180		199			5.742		191		
	4.981		195			5.551		191		
	4.786		394			5.360		382		
13	14.947	4.982		5.066		16.653	5.551		5.045	
	4.509		196			4.673		193		
	4.313		193			4.480		192		
	4.120		389			4.288		385		
14	12.942	4.314		5.455		13.441	4.480		5.430	
		73.487					72.263			

F.B. 1364 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 10:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-29 To B.M. 30-31
Date 8-27-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.763 4.554 4.345	78.487	209 209 418	5455		4.872 4.666 4.460	73.263	206 206 412	5433	B.M. 30-31 (Δ LONG BEACH K-6) PAC. COAST HWY & 3500 FT N. OF REFINERY BLDG.
15	13.662	4.554		5.873 72		13.998	4.666		5.842	SEE F.B. 1396-32 FOR DESC.
										SUMMATION OF RUN TOTAL BACKSIGHTS + 78.041
										TOTAL FORESIGHTS − 76.929
								DIFF IN ELEV		B.M. 30-29 TO 30-31 + 1.112
								" " "		30-29 TO 30-30 + 2.811
										30-30 TO 30-31 − 1.699
		78.041					76.929			

F.B. 1364 P.G. 78

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO 11:30 Rod No. 5 #6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-31 To B.M. 30-29
Date 8-27-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.018		206		#5	4.908		209		B.M. 30-31 (Δ LONG BEACH K-6)
	4.812		202			4.699		209		TAC COAST HWY 354.5' N. OF
	4.610		408			4.490		418		REFINERY BLDG.
1	14.440	4.813		408	74°	14.097	4.699		.418	SEE F.B. 1396-32 FOR DESC.
	4.752		192			4.589		194		
	4.560		195			4.395		195		TT E. LANDA
	4.365		387			4.200		389		
2	13.677	4.559		.795		13.184	4.395		.807	
	5.239		192			4.677		197		
	5.047		191			4.474		195		
	4.856		383			4.279		392		
3	15.142	5.047		1.178		13.424	4.475		1.199	
	5.168		191			4.485		194		
	4.977		192			4.291		193		
	4.785		383			4.098		387		
4	14.930	4.977		1.561		12.874	4.291		1.586	
	4.754		194			4.651		193		
	4.560		192			4.458		195		
	4.368		386			4.265		388		
5	13.682	4.561		1.947		13.312	4.437		1.974	
		23.957					22.297			

F.B. 1364 P.G. 79

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: HAZE-SUN Inst. No.: 50010
Notes by: G. E DREIER Time: 10:45 TO 11:30 Rod No.: 5 & 6

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.m. 30-31 To: B.m. 30-29
Date: 8-27-54
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.913	23.957	191	1.947		5.593	22.297	193	1.974	
	4.722		190			5.400		190		
	4.532		381			5.210		383		
6	14.167	4.722		2.328		16.203	5.401		2.357	
	4.832		193			5.045		193		
	4.639		195			4.852		192		
	4.444		388			4.660		385		
7	13.915	4.638		2.716		14.557	4.852		2.742	
	4.690		193			4.964		195		
	4.497		194			4.769		194		
	4.303		387			4.575		389		
8	13.490	4.497		3.103		14.308	4.769		3.131	
	4.552		195			4.938		195		
	4.357		197			4.743		192		
	4.160		392			4.551		387		
9	13.069	4.356		3.495		14.232	4.744		3.518	
	4.911		199			4.227		189		
	4.712		197			4.038		189		
	4.515		396			3.849		378		
10	14.138	4.713		3.891		12.114	4.038		3.896	
		46.883					46.101			

F.B. 1364 P.G. 80

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO 11:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 6301.02
From B.M. 30-31 To B.M. 30-29
Date 8-27-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.342	46.883	192	3.891		4.384	46.101	198	3.896	
	5.150		191			4.186		196		
	4.959		383			3.990		394		
11	15.451	5.150		4.274		12.560	4.187		4.295	
	5.280		193			5.321		191		+57.119
	5.087		196			5.130		191		-55.488
	4.891		389			4.939		382		+1.701
12	15.258	5.086		4.663		15.390	5.130		4.672	
		57.119					55.418			B.M. 30-30 (△ LONG BEACH K-5) PAC. COAST HWY & LOS CERRITOS CHANNEL, S. SIDE. SEE F.B. 1396-31 FOR DESC.
	7.200		263			3.950		265		
	6.937		262			3.685		265		
	6.675		525			3.420		530		
13	20.812	6.937		5.188		11.055	3.685		5.202	
	3.993		254			10.809		250		
	3.739		255			10.559		241		
	3.484		509			10.310		499		
14	11.216	3.739		5.697		31.678	10.559		5.701	
		67.795					69.662			

F.B. 1364 P.G. 81

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO 11:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-31 To B.M. 30-29
Date 8-27-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.244	67.795	083	5.697		4.476	69.862	076	5.701	B.M. 30-29 (F.C. 120-1)
	5.161		082			4.400		075		PACIFIC COAST HWY. & LOS
	5.079					4.325				CERRITOS CHANNEL, N. SIDE
15	15.484	5.161	165	5862		13.201	4.400	151	5.852	SEE F.B. 1396-30 FOR DESC.
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 72.956
										TOTAL FORESIGHTS 74.062
										DIFF IN ELEV. B.M. 30-31 TO B.M. 30-29 - 1.106
										" " " " 30-31 TO " 30-30 + 1.701
										" " " " 30-30 " " 30-29 - 2.807
		72.956					74.062			

F.B. 1364 P.G. 82

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 10:00 TO 10:25 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-31 To B.M. 30-32
Date 8-30-54
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
	6.130		192		#5	5.163		201		B.M. 30-31 (Δ LONG BEACH K-6)
	5.938		190			4.962		198		PAC. COAST HWY 354 FT. N.
	5.748		382			4.764		399		OF GAL. REFINERY BLDG.
1	17.816	5.939		382	78°	14.889	4.963		399	SEE F.B. 1396-32 FOR DESC.
	5.519		191			[illegible]		[illegible]		⊼ E. LANDA
	5.328		189			[illegible]		[illegible]		
	5.139		380			[illegible]		382		
2	15.986	5.3[illegible]		[illegible]		13.331	4.6[illegible]		[illegible]	
	[illegible]		[illegible]			3.676		146		SUMMATION OF RUN
	[illegible]		[illegible]			3.530		147		B.M. 30-31 TO B.M. 31-32
	[illegible]		290			3.333		293		TOTAL BACKSIGHTS + 28.386
3	13.239	4.4[illegible]		[illegible]		[illegible]	[illegible]		1.074	TOTAL FORESIGHTS − 20.197
	[illegible]		216			[illegible]		[illegible]		DIFF IN ELEVATION + 8.189
	7.2[illegible]		216			3.053		[illegible]		
	7.[illegible]		[illegible]			2.832		[illegible]		
4	[illegible]	7.227		[illegible]		9.160	3.053		1.517	
	[illegible]		169			4.195		172		B.M. 30-32 (Δ LONG BEACH L-6)
	5.477		[illegible]			4.023		168		PAC. COAST HWY & SAN GAB. RIVER
	5.[illegible]		336			3.855		340		SEE F.B. 1396-33
5	6.433	5.475		1.820		12.073	4.024		1.857	FOR DESCRIPTION
		28.386					20.197			

F.B. 1364 P.G. 83

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 - SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:25 TO Rod No. 5[illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-32 To B.M. 30-31
Date 8-30-54
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
	4.290		170		75	5.7[illegible]		169		B.M. 30-32 (△ LONG BEACH
	4.120		170			5.5[illegible]		169		PACIFIC COAST HWY & SAN GAB. RIVER
	3.950		340			5.402		338		SEE F.B. 1396-33
1	12.360	4.120		340	80°	16.713	5.5[illegible]		338	FOR DESCRIPTION
	2.753		218			6.934		215		
	2.535		14			6.709		216		△ E. LANDA
	2.315		435			6.493		4[illegible]		
2	7.606	2.535		775		20.126	6.7[illegible]		769	
	4.210		145			5.095		145		SUMMATION OF RUN
	4.065		145			4.950		145		B.M. 30-32 TO B.M. 30-31
	3.920		290			4.805		290		TOTAL BACKSIGHTS + 19.379
3	12.195	4.065		1065		14.850	4.950		1050	TOTAL FORESIGHTS - 27.455
	4.054		189			5.127		194		DIFF IN ELEVATION - 8.1[illegible]
	4.265		188			4.963		190		
	4.077		377			4.773		384		
4	12.796	4.265		1.442		14.893	4.[illegible]		1.442	
	4.493		200			5.460		1[illegible]		B.M. 30-31 △ LONG BEACH
	4.293		98			5.284		175		PACIFIC COAST HWY & 3545' N. REFINERY BLDG.
	4.045		298			5.069		391		SEE F.B. 1396-32
5	12.831	4.294		1.840		15.793	5.[illegible]		1.834	FOR DESCRIPTION
		19.379					27.455			

F.B. 1364 P.G. 84

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 11:10 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030162
From B.M. 30-31 To B.M. 30-32
Date 8-30-54
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
	5.567		196		[illegible]	4.593		200		B.M. 30-31 (@ LONG BEACH K-6)
	5.367		195			4.393		200		PAC. COAST HWY 35 [illegible]
	5.172		391			4.[illegible]		400		OF GAL. [illegible]
1	16.102	5.367		.391	80°	13.179	4.393		400	SEE F.B. 1396-32 FOR DESC.
	5.110		192			4.409		189		
	4.918		191			[illegible]		[illegible]		E. LANDA
	4.727		383			4.[illegible]		380		
2	14.755	4.918		.774		12.655	4.219		.780	
	4.726		146			3.841		143		SUMMATION OF RUN
	4.580		145			3.698		146		B.M. 30-31 TO B.M. 30-32
	4.435		291			3.552		289		TOTAL BACKSIGHTS + 27.107
3	13.741	4.580		1.065		11.091	3.697		1.069	TOTAL FORESIGHTS - 18.918
	6.989		218			2.815		223		DIFF IN ELEVATION + 8.189
	6.771		215			2.592		219		
	6.556		433			2.373		442		
4	20.316	6.772		1.498		7.780	2.593		1.511	
	5.640		171			4.185		170		B.M. 30-32 (@ LONG BEACH K-6)
	5.469		167			4.015		168		PAC. COAST HWY & SAN GAB. RIVER
	5.302		338			3.847		338		SEE F.B. 1396-33
5	16.411	5.470		1.836		12.047	4.016		1.849	FOR DESCRIPTION
		27.107					18.918			

F.B. 1364 P.G. 85

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 11:30 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From B.M. 30-32 To B.M. 30-31
Date 8-30-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.236		169		85	5.690		170		B.M. 30-32 (Δ LONG BEACH L-6)
	4.067		170			5.520		168		PAC. COAST HWY & SAN GABRIEL RIVER
	3.8[illegible]		339			5.352		338		SEE F.B. [illegible]
1	12.200	4.067		339	80°	16.562	[illegible]		338	FOR [illegible]
	2.749		220			[illegible]		218		
	2.529		222			6.703		[illegible]		↑ ELANDA
	2.307		242			6.489		432		
2	7.585	2.528		.781		20.113	6.[illegible]		.770	
	4.322		144			5.207		146		SUMMATION OF RUN
	4.178		147			5.061		146		B.M. 30-32 TO B.M. 30-31
	4.031		291			4.915		292		TOTAL BACKSIGHTS + 19.729
3	12.531	4.177		1072		15.183	5.[illegible]		1,062	TOTAL FORESIGHTS + 27.910
	4.859		191			5.559		193		DIFF. IN ELEVATION − 8.181
	4.668		188			5.366		189		
	4.480		379			5.177		372		
4	14.007	4.669		1.451		16.102	5.[illegible]	382	1,434	
	4.487		199			5.452		194		B.M. 30-31 (Δ LONG BEACH K-6) RESET 1953
	4.288		200			5.258		196		PAC. COAST HWY 354± FT. N. OF
	4.088		399			5.062		390		GAL. REFINERY BLDG.
5	12.863	4.288		1.850		15.772	5.[illegible]		1.8~~24~~ 34	[illegible] 30-32 FOR DESC.
		19.729					27.910			

F.B. 1364 P.G. 86

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 9:00 TO 10.10 Rod No. 586

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 30-32 To B.M. 30 35
Date 9-1-54
Indexed L. G. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.446		086		#5	6.141		101		B.M 30-32 (A LONG BEACH L-6)
	4.360		085			6.040		100		PAC. COAST HWY & SAN GAB. RIVER
	4.275		171			5.940		201		SEE F.B. 1396-33
1	13.081	4.360		171		18.121	6.040		201	FOR DESCRIPTION
										B.M. 30-33 (R.M. #1 LONG BEACH L-6
										PAC. COAST HWY & SAN Gabriel
										SEE F.B. 1396-33
										FOR DESCRIPTION
	7.152		199			5.475		204		-6.040
	6.953		198			5.271		204		4.360
	6.755		397			5.067		408		-1.680
2	20.860	6.953		.568		15.813	5.271		.609	T E LANDA
	5.376		164			5.373		165		
	5.212		163			5.208		163		
	5.049		327			5.045		328		
3	15.637	5.212		.895		15.626	5.209		.937	
	5.395		173			11.255		169		
	5.222		170			11.086		168		
	5.052		343			10.918		337		
4	15.669	5.223		1.238		33.259	11.086		1.274	
		21.748					27.606			

F.B. 1364 P.G. 87

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: 9:00 TO 10:10 Rod No. 516

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 30-32 To: B.M. 30-35
Date: 9-1-54
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.040	2.748	214	1.238		8.869	2.606	201	1.274	-36.274
	2.826		214			8.668		201		+24.574
	2.612		428			8.467		402		-11.700
										-1.680
5	8.478	2.826		1.666		26.004	8.668		1.676	-10.020
		24.574					8.574			B.M. 30-34 (F.C. B.M. 72-9A) SAN GAB. RIVER E. OF PAC. COAST HWY SEE F.B. 1396-34 FOR DESCRIPTION
	6.609		192			4.149		199		
	6.417		190			3.950		199		
	6.227		382			3.751		398		
6	19.253	6.418		2.048		11.850	3.950		2.074	
	4.932		194			5.571		191		
	4.738		198			5.380		189		
	4.540		392			5.191		380		
7	14.210	4.737		2.440		16.142	5.381		2.454	
	6.163		202			1.448		199		
	5.961		201			1.249		199		
	5.760		403			1.050		398		
8	17.884	5.961		2.843		3.747	1.249		2.852	
		41.690					46.854			

F.B. 1364 P.G. 88

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 9:00 TO 10:10 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-32 To B.M. 30-35
Date 9-1-54
Indexed R. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.668	41.690	199	2.843		5.340	46.854	199	2.852	
	2.469		198			5.141		198		
	2.271		397			4.943		397		
9	7.408	2.469		3.240		15.574	5.191		3.249	
	4.219		060			7.979		058		B.M. 30-35 (F.C.B.M. 72-31)
	4.159		058			7.921		055		SAN GAB. RIVER, N. SIDE, ±310' E. OF O.L.
	4.101		118			7.866		113		FIELD BRIDGE.
10	12.479	4.160		3.358		23.766	7.922		3.362	SEE F.B. 1396-33A FOR DESC.
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 48.319
										TOTAL FORESIGHTS − 59.967
							DIFF IN ELEV.			B.M. 30-32 TO B.M. 30-35 − 11.648
							" "			30-32 " " 30-33 − 1.680
							" "			30-33 " " 30-34 − 10.020
							" "			30-34 " " 30-35 + 0.052
		48.319					59.967			

F.B. 1364 P.G. 89

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather ..... Inst. No. .....
Notes by ..... 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. 1364 P.G. 70

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 10:10 TO 10:45 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-35 To B.M. 30-32
Date 9-1-54
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.196		.057			4.437		.058		B.M. 30-35 (F.C.B.M. 72-31)
	8.139		.057			4.379		.059		SAN GAB. RIVER 1310 FT E. OF OIL
	8.082		.114			4.320		.117		FIELD BRIDGE
1	24.417	8.139		.114		13.136	4.379		.117	SEE F.B. 1396-33A FOR DESC.
	5.349		.198			2.627		.201		
	5.151		.198			2.426		.198		T. E. LANDA
	4.953		.396			2.228		.399		
2	15.453	5.151		.510		7.281	2.427		.516	
	1.311		.200			6.030		.204		
	1.111		.198			5.826		.200		
	0.913		.398			5.626		.404		
3	3.335	1.112		.908		17.482	5.827		.920	
	5.501		.191			4.866		.197		
	5.310		.191			4.669		.196		
	5.119		.382			4.473		.393		
4	15.930	5.310		1.290		14.008	4.669		1.313	
	4.084		.201			6.542		.189		
	3.883		.199			6.353		.189		
	3.684		.400			6.164		.378		
5	11.651	3.884		1.690		19.059	6.353		1.695	
		23.596					23.655			

F.B. 1364 P.G. 91

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 10:10 TO 10:45 Rod No. 5[illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-35 To B.M. 30-32
Date 9-1-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		23.596		1.690			23.[illegible]		1.695	B.M. 30-34 (F.C. B.M. 72-94) SAN GAB. RIVER E. OF PAC. COAST HWY SEE F.B. 1896-34 FOR DESCRIPTION
	9.552		210			3.710		207		
	9.342		209			3.503		206		
	9.133		419			3.297		413		
6	28.027	9.342		2.109		10.510	3.503		2.108	- 23.655 + 23.596 - 0.059
	11.332		170			5.479		172		
	11.162		168			5.307		170		
	10.994		339			5.137		342		
7	33.488	11.163		2.448		15.923	5.308		2.450	+ 54.473 - 44.535 + 9.938 - 0.059 + 9.999
	5.330		163			5.333		162		
	5.167		167			[illegible]		160		
	5.000		330			[illegible]		322		
8	15.497	5.166		2.778		15.515	5.172		2.772	
	5.410		204			7.095		199		
	5.206		204			6.896		197		
	5.002		408			6.699		396		
9	15.618	5.206		3.186		20.690	6.897		3.168	
		54.473					44.535			

F.B. 1364 P.G. 92

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 10:10 TO 10:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-35 To B.M. 30-32
Date 9-1-54
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
		54.473		3.186			44.535		3.168	B.M. 30-33 R.M. #1 LONG BEACH L-6 PAC. COAST HWY & SAN GAB. RIVER SEE F.B. 1396-33 FOR DESCRIPTION
	6.183		101			4.490		087		B.M. 30-32 (Δ LONG BEACH L-6) PAC. COAST HWY & SAN GAB RIVER SEE F.B. 1396-33 FOR DESCRIPTION
	6.082		097			4.403		083		
	5.985		198			4.320		170		
10	18.250	6.083		3.384 3		13.213	4.404		3.338 4	
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 60.556
										TOTAL FORESIGHTS − 48.939
						DIFF. IN ELEVATION B.M. 30-35 TO B.M. 30-32				+ 11.617
						" " " " 30-35 TO " 30-34				− 0.059
						" " " " 30-34 " " 30-33				+ 9.997
						" " " " 30-33 " " 30-32				+ 1.679
										+ 60.83
										− 4.404
										+ 1.679
		60.556					48.939			

F.B. 1364 P.G. 93

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 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. 1364 P.G. 94

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 1:00 TO 2:15 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-35 To B.M. 30-32
Date 9-1-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
24.619	8264		056		#5	4 505		059		B.M. 30-35 (F.C. 72-31)
	8208		057			4.446		059		SAN GAB. RIVER ≐ 310 FT E. OF
	8.151		113			4.387		118		OIL FIELD BRIDGE
1	~~16623~~	8.208		.113	85°	13338	4.446		.118	SEE F.B. 1396-35 FOR DESC.
	5.359		199			2 630		197		
	5.160		193			2.433		196		⊼ E. LANDA
	4.967		392			2.237		393		
2	15.486	5.162		.505		7.300	2.433		511	
	1.31		198			6 027		204		
	1.113		196			5.823		204		
	0.917		392			5.619		408		
3	3.341	1.114	4	.897		17.469	5.823		.919	
	5.518		193			4.875		196		
	5.325		193			4.679		195		
	5.132		386			4.484		391		
4	15.975	5.325		1.283		14.038	4.679		1.310	
	4 047		199			6502		189		-23.695
	3.848		199			6.313		185		+23.657
	3.649		398			6.128		374		- 0.038
5	11.544	3.848		1.681		18.943	6.314		1.684	
		23.657					23.695			

P.G.
F.B.

F.B. 1396-35

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 WINDY-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 1.00 TO 2:15 Rod No. 5 & 6

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 30-35 To B.M. 30-32
Date 9-1-54
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
		23.657		1.681			23.695		1.684	B.M. 30-34 (F.C.B.M. 72-9A) SAN GAB. RIVER E. OF PAC. COAST HWY. SEE F.B. 1396-34 FOR DESCRIPTION
6	9.559 9.350 9.140 28.049	9.350	209 210 419	2.100		3.718 3.509 3.300 10.527	3.509	209 209 418	2.102	
7	11.360 11.194 11.027 33.581	11.193	166 167 333	2.433		5.509 5.333 5.161 16.003	5.334	176 172 348	2.450	
8	5.307 6.140 4.973 15.420	5.140	167 167 334	2.767		5.308 5.146 4.986 15.440	5.147	162 160 322	2.772	+54.538 -44.560 +9.978 -0.038 10.016
9	5.402 5.198 4.995 15.595	5.198	204 203 407	3.174		7.074 6.875 6.676 20.625	6.875	199 199 398	3.170	
		54.538					44.560			

F.B. 1364 Pg. 96

F.B. ____ P.G. ____

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY HAZE SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-35 To B.M. 30-32
Date 9-1-54
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		54.538		3.174			44.368		3.170	B.M. 30-32 (B.M. #1 LONG BEACH L-6) PAC. COAST HWY. & SAN GAB. RIVER SEE F.B. 1396-33 FOR DESCRIPTION
	6.161 6.059 5.955		102 104 206			4.461 4.377 4.293		084 084 168		B.M. 30-32 (& LONG BEACH L-6) PAC. COAST HWY & SAN GAB. RIVER SEE F.B. 1396-33 FOR DESCRIPTION
10	18.175	6.058		3.338		13.131	4.377		3.338	
										SUMMATION OF RUN TOTAL BACKSIGHTS + 60.596 TOTAL FORESIGHTS - 48.937
							DIFF IN ELEV. BM			30-35 TO B.M. 30-32 + 11.659 30-35 " " 30-34 -0.038 30-34 " " 30-33 + 10.016 30-33 " " 30-32 + 1.681
										+ 6.058 - 4.377 + 1.681
		60.596					48.937			

F.B. 1396 pg. 97

P.G.

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. 1364 Pg. 98

F.B. P.G.

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY Inst. No. 5-0010
Notes by G. E. DREIER Time 2:45 PM Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 30-32 To B.M. 30-35
Date 9-1-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.421 4.338 4.252		083 086 169		75	6.121 6.019 5.917		102 102 204		B.M. 30-32 (△ LONG BEACH L-6) PAC. COAST Hwy & SAN GAB. RIVER SEE F.B. 1396-33 FOR DESC.
1	13.011	4.337		169	85°	18.057	6.019		204	
										B.M. 30-33 (R.M. #1 LONG BEACH L-6) PAC. COAST Hwy & SAN GAB. RIVER SEE F.B. 1396-33 FOR DESCRIPTION
	7.101 6.902 6.702		199 200 399			5.430 5.227 5.022		203 205 408		⊼ E. LANDA -6.019 +4.337 -1.682
2	20.705	6.902		.568		15.679	5.226		.612	
	5.313 5.151 4.989		162 162 324			5.308 5.145 4.980		163 165 328		
3	15.453	5.151		.892		15.433	5.144		.940	
	5.495 5.322 5.152		173 170 343			11.357 11.187 11.018		170 169 339		
4	15.969	5.323		1.235		33.562	11.187		1.279	
		21.713					27.576			

F.B. 1364 P.G. 99

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY HAZE ON Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-32 To B.M. 30-35
Date 9-1-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.671	21.713	206	1.235		9.519	27.976	210	1.279	-36.885
	3.465		206			9.309		209		+25.178
	3.259		412			9.100		419		-11.707
5	10.395	3.465		1.647		27.928	9.309		1.698	-1.682
										-10.025
		25.178					36.885			B.M. 30-34 (F.C. B.M. 72-9A)
										SAN GAB. RIVER E. OF PAC. COAST HWY
										SEE F.B. 1396-34
										FOR DESCRIPTION
	6.557		192			4.092		197		
	6.365		190			3.895		197		
	6.175		382			3.698		394		
6	19.097	6.366		2.029		11.685	3.895		2.092	
	4.863		197			5.503		191		
	4.666		196			5.312		191		
	4.470		393			5.121		382		
7	13.999	4.666		2.422		15.936	5.312		2.474	
	5.860		212			1.132		193		
	5.648		211			0.939		190		
	5.437		423			0.749		383		
8	16.945	5.648		2.845		2.820	0.940		2.857	
		41.858					47.032			

F.B. 1364 P.G. 100

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 WINDY HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO 3:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0801.02
From B.M. 30-32 To B.M. 30-35
Date 9-1-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.675	41.858		2.845		5.400	47.032		2.857	
			199					199		
	2.476		197			5.201		195		
	2.279					5006				
			396					394		
9	7.430	2.477		3.241		15.607	5.202		3.251	
	4.395		059			8154		056		B.M. 30-35 (F.C. B.M. 72-31)
	4.336		058			8.098		057		SAN GAB. RIVER-210' E. OF
	4.278					8.041				SIL FIELD BRIDGE
			117					113		
10	13.009	4.336		3.358	81	24.293	8.098		3.364	SEE F.B. 1396-33A FOR DESC.
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +48.671
										TOTAL FORESIGHTS -60.332
						DIFF IN ELEVATION				B.M. 30-32 TO B.M. 30-35 -11.661
						"	"	"	"	30-32 " " 30-33 -1.682
						"	"	"	"	30-33 " " 30-34 -10.025
						"	"	"	"	30-34 " " 30-35 +0.046
										F.B. 1364 P.G. 101
										1707
										11661
										.046
		48.671					60.332			

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 A. C. Johnson

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

F.B. 1364 P.G. 102

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 500 10
Notes by G. E. DREIER Time 10:30 TO 11:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From B.M. 30-32 To B.M. 30-35
Date 9-2-54
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
	4511 4.426 4.340		085 086 171		#5	6.209 6.109 6.008		100 101 201		B.M. 30-32 (A LONG BEACH L-6) PAC. COAST HWY & SAN GAB. RIVER SEE F.B. 1396-33 FOR DESCRIPTION
1	13.377 277	4.426		.171	79°	18.326	6.109		.201	
										B.M. 30-33 (R.M. #1 LONG BEACH L-6) PAC. COAST HWY & SAN GAB. RIVER SEE F.B. 1396-33 FOR DESCRIPTION
	7.211 7.010 6.809		201 201 402			5.529 5.329 5.130		200 199 399		-6.109 +4.426 -1.683
2	21.030	7.010		.573		15.988	5.329		.600	
	5.372 5.206 5.040		166 166 332			5.360 5.200 5.039		160 160 321		
3	15.618	5.206		.905		15.599	5.200		.921	
	5.480 5.310 5.141		170 169 339			11.472 11.301 11.132		171 169 340		
4	15.931	5.310		1.244		33.905	11.302		1.261	
		21.952					27.940			

F.B. 1364 P.G. 103

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-32 To B.M. 30-35
Date 9-2-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.808	21.952	209	1.244		9.518	[illegible]	208	1.261	- 37.250
	3.599		207			9.310		209		+ 25.552
	3.392		416			9.101		417		- 11.698
5	10.799	3.600		1.660		27.929	9.310		1.678	- 1.683
										- 10.015
		25.552					37.250			B.M. 30-34 (F.C.B.M. 72-9A) SEE F.B. 1396-34 FOR DESCRIPTION SAN GABRIEL RIVER E. OF PAC. COAST HWY.
	6.785		196			4.317		194		
	6.589		196			4.123		191		
	6.393		392			3.932		385		
6	19.767	6.589		2.052		12.372	4.124		2.063	
	4.919		198			5.660		190		
	4.721		194			5.470		189		
	4.527		392			5.281		379		
7	14.167	4.722		2.444		16.411	5.470		2.442	
	6.200		208			1.374		198		
	5.992		207			1.176		198		
	5.785		415			0.978		396		
8	17.977	5.992		2.859		3.528	1.176		2.838	
		42.855					48.020			

F.B. 1364 P.G. 104

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-32 To B.M. 30-35
Date 9-2-54
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
	5212	42.855	144	2.859		8585	48.020	147	2.838	
	5.068		144			8.438		147		
	4.924		288			8.291		294		
9	15.204	5.068		3.147		25.314	8.438		3.132	
	5.222		103			8.359		117		B.M. 30-35 (F.C.B.M. 72-31)
	5119		107			8.242		11~~4~~3		SAN GAB. RIVER ±310' E. OF OIL
	5012		210			8.129		23~~4~~		FIELD BRIDGE
10	15353	5.118		3.357		24.730	8.243	0	3.363	SEE F.B. 1396-33A FOR DESC.
									2	
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +53.041
										TOTAL FORESIGHTS -64.701
							DIFF IN ELEV.			B.M. 30-32 TO B.M. 30-35 -11.660
							" "			30-32 " " 30-33 -1.683
							" "			30-33 " " 30-34 -10.015
							" "			30-34 " " 30-35 +0.038
										11.698
										11.660
										0.038
		53.041					64.701			

F.B. 1364 P.G. 105

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 A. C. Johnson

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

F.B. 1364 P.G. 106

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-35 To B.M. 30-32
Date 9-2-54
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.380		113		#5	5.248		107		B.M. 30-35 (F.C. B.M. 72-31)
	8.267		115			5.141		107		SAN GABRIEL RIVER ±310 FT. E. OF
	8.152		228			5.034		214		OIL FIELD BRIDGE
1	24.799	8.266		228	76°	15.423	5.141		214	SEE F.B. 1396-33A FOR DESC.
	8.760		157			5.371		136		
	8.603		153			5.235		136		⊼ E. LANDA
	8.450		310			5.099		272		
2	25.813	8.604		538		15.705	5.235		486	
	1.099		190			5.942		217		
	0.909		189			5.725		213		
	0.720		379			5.512		430		
3	2.728	0.909		.917		17.179	5.726		.916	
	5.736		186			4.999		202		
	5.550		185			4.797		199		
	5.365		371			4.598		401		
4	16.651	5.550		1.288		14.394	4.798		1.317	
	4.286		196			6.752		192		
	4.090		193			6.560		192		
	3.897		389			6.368		384		
5	12.273	4.091		1.677		19.680	6.560		1.701	
		27.420					27.460			

- 27.460
+ 27.420
- 00.040

F.B. 1364 P.G. 167

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-35 To B.M. 30-32
Date 9-2-54
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
		27.420		1.677			27.460		1.701	B.M. 30-34 (F.C. B.M. 72-9A) SAN GAB. RIVER, E. OF PAC. COAST HWY. SEE F.B. 1396-34 FOR DESCRIPTION
6	9.510 9.300 9.090 27.900	9.300	210 210 420	2.097		3.799 3.590 3.382 10.771	3.590	209 208 417	2.118	
7	11.359 11.191 11.024 33.574	11.191	168 167 335	2.432		5.370 5.197 5.025 15.592	5.197	173 172 345	2.463	
8	5.383 5.221 5.059 15.663	5.221	162 162 324	2.756		5.394 5.228 5.062 15.684	5.228	166 166 332	2.795	+ 58.428
9	5.500 5.296 5.091 15.887	5.296	204 205 409	3.165		7.178 6.977 6.778 20.933	6.978	201 199 400	3.195	- 48.453 + 9.975 - 0.040 + 10.915
		58.428					48.453			

F.B. 1364 P.G. 108

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 9:30 TO 10:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-35 To B.M. 30-32
Date 9-2-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		58.428		3.165			48.453		3.195	B.M. 30-33 (R.M. #1 LONG BEACH L-6) PAC. COAST Hwy & SAN GAB. RIVER SEE F.B. 1396-33 FOR DESCRIPTION
	6160		101			4.462		086		B.M. 30-32 (A LONG BEACH L-6) PAC. COAST Hwy & SAN GAB. RIVER SEE F.B. 1396-33 FOR DESCRIPTION
	6.059		103			4.376		085		
	5956		204			4.291		171		
10	18.175	6.058		3.369	79°	13.129	4.376		3.366	
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 64.486
										TOTAL FORESIGHTS - 52.829
							DIFF IN ELEV.,	B.M.	30-35 TO B.M. 30-32	11.657
							" " "	"	30-35 " " 30-34	-0.040
							" " "	"	30-34 " " 30-33	+10.015
							" " "	"	30-33 " " 30-32	+1.682
		64.486					52.829			

F.B. 1364 P.G. 109

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. 1364 P.G. 110

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 5.001.0
Notes by G. E. DREIER Time 10:00 TO 10:40 Rod No. 9910

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-35 To B.M. 30-36
Date 9-3-54
Indexed K. Q. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.231		191		#5	4.587		197		B.M. 30-35 (F.C.B.M. 72-31)
	8.040		190			4.390		194		SAN GAB. RIVER N. SIDE, ±310 FT E.
	7.850		381			4.196		391		OF OIL FIELD BRIDGE
1	24.121	8.040		.381	80°	13.173	4.391		.391	SEE F.B. 1396-33A FOR DESC.
	4.950		195			4.785		196		
	4.755		194			4.589		193		T E. LANDA
	4.561		389			4.396		389		
2	14.266	4.755		.770		13.770	4.590		.780	
	6.072		202			3.816		196		
	5.870		200			3.620		196		
	5.670		402			3.424		392		
3	17.612	5.871		1.172		10.860	3.620		1.172	
	4.452		195			6.800		194		
	4.257		196			6.606		193		
	4.061		391			6.413		387		
4	12.770	4.257		1.583		19.819	6.606		1.559	
	4.912		199			6.303		197		
	4.713		196			6.106		195		
	4.517		395			5.911		392		
5	14.142	4.714		1.978		18.320	6.107		1.951	
		27.637					25.314			

F.B. 1364 P.G. 111

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BCEERE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 10:20 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-35 To B.M. 30-36
Date 9-3-54
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
	5.548	27.637	201	1.975		4.623	[illegible]	195	1.951	
	5.347		198			4.428		197		
	5.149		399			4.231		392		
6	16.044	5.348		2.377		13.282	4.427		2.343	
	5.154		194			4.990		193		
	4.960		94			4.797		193		
	4.766		388			4.604		386		
7	14.880	4.960		2.765		14.391	4.797		2.729	
	5.344		203			7.030		199		B.M. 30-36 (F.C. B.M. 72-47)
	5.141		201			6.831		198		SAN GAB. RIVER AT B.C.S. OF 7th ST.
	4.940		404	49		6.633		397		FOR DESCRIPTION SEE
8	15.425	5.142		3.169		20.494	6.831		3.126	F.B. 1396-34A
									3.169	
									6.295	SUMMATION OF RUN
										B.M. 30-35 TO B.M. 30-36
										TOTAL BACKSIGHTS + 43.087
										TOTAL FORESIGHTS - 41.369
										DIFF IN ELEVATION + 1.718
		43.087					41.369			

F.B. 1364 P.G. 112

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 10:40 TO 11:10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-36 To B.M. 30-35
Date 9-3-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.056 6.850 6.645		206 205 411		#5	5.357 5.159 4.962		198 197 395		B.M. 30-36 (F.C.S.M. 72-47) SAN GAB. RIVER AT B.C.S. OF 7th ST SEE F.B. 1396-34 A FOR DESCRIPTION
1	20.551	6.850		.411	80°	15.478	5.159		.395	
	5.001 4.808 4.618		193 190 383			5.168 4.972 4.779		196 193 389		T E. LANDA
2	14.427	4.809		.794		14.919	4.973		.784	
	4.624 4.427 4.233		197 194 391			5.549 5.349 5.152		200 197 397		
3	13.284	4.428		1.185		16.050	5.350		1.181	
	6.290 6.092 5.898		198 194 392			4.899 4.701 4.503		198 198 396		
4	18.280	6.093		1.577		14.103	4.701		1.577	
	6.633 6.439 6.247		194 192 386			4.286 4.090 3.893		196 197 393		
5	19.319	6.440		1.963		12.269	4.090		1.970	
		28.620					24.273			

F.B. 1364 P.G. 113

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. F. DREIER Time 10:40 TO 11:10 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No 0.301.02
From B.M. 30-36 To B.M. 30-35
Date 9-3-54
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
	3.787	28.622	197	1.963		6.042	24.273	202	1.970	
	3.590		197			5.840		200		
	3.393		394			5.640		402		
6	10.770	3.590		2.357		17.522	5.841		2.372	
	4.697		200			4.847		192		
	4.497		199			4.655		159		
	4.298		399			4.466		381		
7	13.492	4.497		2.755		13.968	4.656		2.353	
	4.678		198			8.317		192		B.M. 30-35 (F.C.B.M. 72-31)
	4.480		198			8.125		192		SAN GAB. RIVER ± 310 FT. E. OF
	4.282		396			7.933		384		OIL FIELD BRIDGE
8	13.440	4.480		3.152		24.375	8.125		3.137	SEE F.B. 39-33A FOR DESC.
										SUMMATION OF RUN
										B.M. 30-36 TO B.M. 30-35
										TOTAL BACKSIGHTS +41.187
										TOTAL FORESIGHTS -42.895
										DIFF IN ELEVATION - 1.708
		41.187					42.895			

F.B. 1364 P.G. 114

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:20 To 2:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-36 To B.M. 30-13A
Date 9-3-54
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
	6822		190		#5	3927		195		B.M. 30-36 (F.C. B.M. 72-47)
	6632		190			3732		195		San Gabriel River
	6442		380			3537		390		See F.B. 1396-54A
1	19896	6.632		380	80°	11190	3.732		390	for description
	3245		213			6030		205		
	3032		210			5825		208		* G.E. Dreier
	2822		423			5617		413		
2	9099	3.033		803		17472	5.824		803	
	5321		204			5244		203		
	5117		205			5038		201		
	4912		409			4837		404		
3	15350	5.117		1212		15116	5.039		1207	
	5090		198			5348		195		
	4892		194			5153		195		
	4698		392			4958		390		
4	14680	4.893		1604		15459	5.153		1597	
	5327		202			4659		200		
	5125		203			4459		200		
	4922		405			4259		400		
5	15374	5.125		2009		13377	4.459		1997	
		24.800					24.207			

F.B. 1364 P.G. 115

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear-windy Inst. No. 50010
Notes by E. Landa Time 11:20 To 2:00 Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-36 To B.M. 30-13A
Date 9-3-54
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
	5624	24.800	201	2009		4823	24.207	193	1997	
	5423		200			4630		192		
	5223		401			4438		385		
6	16270	5.423		2410		13891	4.630		2382	
	5018		200			5264		194		
	4818		199			5070		193		
	4619		399			4877		387		
7	14455	4.818		2809		15211	5.070		2769	
	5042		198			5009		196		
	4844		194			4813		195		
	4650		392			4618		391		
8	14536	4.845		3201		14440	4.813		3160	
	8917		194			5079		191		
	8723		194			4888		191		
	8529		388			4707		382		
9	26169	8.723		3589		14694	4.898		3542	
	5639		202			5359		201		
	5437		201			5158		197		
	5236		403			4961		398		
10	16312	5.437		3992		15478	5.159		3940	
		54.046					48.777			

F.B. 1364 P.G. 116

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear WIND Inst. No. 500.10
Notes by E. Landa Time 11:20 To 2:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 30-36 To B.M. 30-13A
Date 9-3-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4637	54.046	199	3992		4681	48.777	204	3940	
	4438		196			4477		204		
	4242		395			4273		408		
11	5317	4.439		4387		13431	4.477		4348	
	5417		193			4964		201		
	5224		189			4763		202		
	5035		1382			4561		403		
12	15676	5.225		4767		14288	4.763		4551	
	5078		190			4697		191		
	4770		190			4488		201		
	4683		592			4297		400		
13	14641	4.880		5124		13492	4.497		5151	
	5473		195			5638		204		
	5278		195			5434		203		
	5083		390			5231		407		
14	15834	5.278		5554		16303	5.434		5558	
	4802		150			0520		149		
	4652		149			0371		149		
	4503		299			0222		298		
15	13957	4.652		5853		1.113	0.371		5856	
		78.520					68.319			

F.B. 1364 P.G. 117

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 11:20 TO 2:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-36 To B.M. 30-13A
Date 9-3-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.519	78.520	196	5853		4596	68.519	197	5856	
	10.323		193			4399		195		
	10.130		389			4204		392		
16	30.973	10.324		6.242		13.199	4.400		6.248	
	4.976		156			2.885		143		B.M. 30-13A (NO NUMBER F.C. BRASS DISK)
	4.820		157			2.742		145		7th ST. & SAN GABRIEL RIVER
	4.663		313			2.597		288		AT N.W. COR. OF CONC. BRIDGE
17	14.459	4.820		6.555		8.224	2.741		6.536	BETWEEN SAWED RAIL AND CURB
										NOTE:— B.M. 30-13 DESTROYED
										IN OCT. 1953 BY LENGTHENING OF
										BRIDGE. B.M. 30-13A IS IN A
										SIMILAR LOCATION EXCEPT
										IS ABOUT 30 FT WEST OF
										FORMER LOCATION OF B.M. 30-13
										SUMMATION OF RUN
										B.M. 30-36 TO B.M. 30.
										TOTAL BACKSIGHTS + 93.664
										TOTAL FORESIGHTS − 75.460
										DIFF IN ELEVATION + 18.204
		93.664					75.460			

F.B. 1364 P.G. 118

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by E. LANDA Time 2:15 TO 3:45 Rod No. 586

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-13A To B.M. 30-36
Date 9-3-54
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
	2.933		144			5018		155		B.M. 30-13A (NO NUMBER F.C. BRASS DISK)
	2.789		147			4863		152		7th ST. & SAN GABRIEL RIVER
	2.642		291			4711		307		IN N.W. COR. CONC. BRIDGE BETWEEN
1	8.364	2.788		291		14.592	4.864		307	GAURD RAIL & CURB 2' E. OF W. END
	4.538		196			10465		197		
	4.342		194			10268		194		
	4.148		390			10072		393		
2	13.028	4.343		681		30805	10.268		700	
	0.551		149			4829		150		
	0.402		147			4679		150		T G.E. DREIER
	0.255		296			4529		300		
3	1.208	0.403		977		14037	4.679		1000	
	5.697		199			5545		198		
	5.498		197			5347		196		
	5.301		376			5151		394		
4	16.496	5.499		1373		16043	5.348		1394	
	4.809		194			5198		201		
	4.615		195			4997		203		
	4.420		389			4794		404		
5	13.844	4.615		1762		14989	4.996		1998	
		17.648					30.155			

F.B. 1364 P.G. 119

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by E. LANDA Time 2:15 To 3:45 Rod No. 5 & 6

Name L.A.Co. PRECISE LEVEL NET
Job No. 0 301.02
From B.M. 30-13A To B.M. 30-36
Date 9-3-54
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
	4866	17.648	196	1762		5332	30.155	196	1798	
	4670		192			5136		195		
	4478		188			4941		391		
6	14014	4.671		2150		15409	5.136		2189	
	5063		202			5012		195		
	4861		202			4817		195		
	4659		404			4622		390		
7	14583	4.861		2554		14451	4.817		2579	
	5459		198			5745		203		
	5261		195			5542		201		
	5066		393			5341		404		
8	15786	5.262		2947		16628	5.543		2983	
	5090		189			8922		197		
	4901		190			8725		196		
	4711		379			8529		393		
9	14702	4.901		3326		26176	8.725		3376	
	5073		200			5106		195		
	4873		198			4911		193		
	4675		398			4718		388		
10	14621	4.874		3724		14735	4.912		3764	
		42.217					59.288			

F.B. 1364 P.C. 20

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 CLEAR-WINDY Inst. No. 50010
Notes by E. LANDA Time 2:15 TO 3:45 Rod No. 5 & 6

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-63A To B.M. 30-36
Date 9-3-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5356	42.217	197	3924		5103	59.288	200	3964	
	5159		194			4903		196		
	4965		397			4707		396		
11	15480	5.160		4115		14713	4.904		4160	
	4730		200			5530		192		
	4530		201			5338		195		
	4329		401			5143		387		
12	13589	4.530		4516		16011	5.337		4547	
	4669		201			5331		200		
	4468		201			5131		202		
	4267		402			4929		402		
13	13404	4.468		4918		15391	5.130		4949	
	5339		202			5090		190		
	5137		199			4880		188		
	4938		401			4692		378		
14	15414	5.138		5319		14642	4.881		5327	
	5229		204			5300		201		
	5025		203			5099		201		
	4822		407			4898		402		
15	15076	5.025		5726		15297	5.099		5729	
		66.538					84.639			

F.B. 1364 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.F. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by E. LANDA Time 2:15 TO 3:45 Rod No. 5 & 6

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-13A To B.M. 30-36
Date 9-3-54
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
	6.112	66.538	206	5.726		3334	84.639	211	5.729	
	5.908		229			3123		210		
	5.699		5			2913		421		
16	17.721	5.907		6.341		9370	3.123		6.150	
	3.984		195			6875		190		B.M. 30-36 (F.C. B.M. 12-47)
	3.789		2			6685		190		SAN GABRIEL RIVER AT B.C.S. OF 7th ST.
	3.593		391	532		6495		380		SEE F.B. 1396-34A
17	11.366	3.789		6.732		20.064	6.688		6.530	FOR DESCRIPTION

F.B. 1364 P.G. 122

SUMMATION OF RUN
B.M. 30-13A TO 30-36
TOTAL BACKSIGHTS + 76.234
TOTAL FORESIGHTS - 94.450
DIFF IN ELEVATION - 18.216

76.234 94.450

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 10:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-13A To B.M. 30-15
Date 9-7-54
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
	2.714		.085		#5	10.230		.089		B.M. 30-13A F.C. BRASS DISK
	2.629		.086			10.141		.089		7th ST. & SAN GABRIEL RIVER
	2.543		.171			10.052		.178		AT N.W. COR OF CONC. BRIDGE
1	7.886	2.629		.171		30.423	10.141		.178	BETWEEN GAURD RAIL & CURB
	3.295		.118			9.860		.121		2' FT E. OF W. END
	3.180		.116			9.739		.123		
	3.064		.234			9.616		.244		↑ E LANDA
2	9.542	3.181		.405		29.215	9.738		.422	
		5.810					19.879			B.M. 30-14 F.C.B.M. 73-19
										7th ST. & SAN GABRIEL RIVER
										SEE 1396-17
										For description
	4.483		.198			5.503		.196		
	4.285		.198			5.307		.197		
	4.087		.396			5.110		.393		
3	12.855	4.285		.801		15.920	5.307		.815	
	5.537		.197			5.002		.193		
	5.340		.198			4.809		.193		
	5.142		.395			4.616		~~.396~~ .386		
4	16.019	5.340		1.196		14.427	4.809		1.211	
		15.435					29.995			

- 19.879
+ 5.810
- 14.069

F.B. 1364 P.G. 123

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 10:00 TO 10:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-13A To B.M. 30-15
Date 9-7-54
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
	4.891	5.435	198	1.196		4.734	[illegible]	203	1.211	
	4.693		194			4.531		201		
	4.499		392			4.330		404		SUMMATION OF RUN
5	14.083	4.694		1.588		13.595	4.532		1.615	TOTAL BACKSIGHTS + 35.272
	5.155		207			4.915		195		TOTAL FORESIGHTS - 48.512
	4.928		206			4.720		198		DIFF 30-13A TO 30-15 - 13.240
	4.722		413			4.522		393		" 30-13A " 30-14 - 14.069
6	14.785	4.928		2.001		14.157	4.719		2.008	30-14 " 30-15 + 0.829
	5.717		162			5.328		170		
	5.555		163			5.158		168		
	5.392		325			4.990		338		
7	16.664	5.555		2.326		15.476	5.159		2.346	
	4.842		182			4.292		184		B.M. 30-15 F.C.B.M.
	4.660		181			4.108		187		SAN GAB. RIVER & TOWER #19
	4.479		363			3.921		371	707	SEE F.B. 1396-18
8	13.981	4.660		2.689		12.321	4.107		2.707	FOR DESCRIPTION
									2.689	
									5.406	
		35.272					48.512			

F.B. 1364 P.G. 124

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather BREEZE-HAZY Inst. No. 50010
Notes by G. E. DREIER Time 6.40 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-15 To B.M. 30-13A
Date 9-7-54
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
	4.201		186		#5	4752		182		B.M. 30-15 F.C.B.M.
	4.015		185			4.570		181		SAN GAB. RIVER & TOWER #19
	3.830		371			4.389		363		SEE F.B. 1896-18
1	12.046	4.015		.371	74°	13.711	4.570		.363	FOR DESCRIPTION
	5381		170			5.774		163		
	5.211		167			5611		161		⊼ E. LANDA
	5.044		337			5.450		324		
2	15636	5.212		.708		16.835	5.612		.687	
	4.993		194			5213		206		
	4.799		198			5.007		206		
	4.601		392			4.801		412		
3	14.393	4.798		1.100		15.021	5007		1.099	
	4.787		204			4.940		198		
	4.583		201			4.742		198		
	4.382		405			4.544		396		
4	13.752	4.58~~3~~ 4		1.505		14.226	4.742		1.495	
	4.995		196			5.528		199		
	4.799		193			5.329		197		
	4.606		389			5132		396		
5	14.400	4.800		1.894		15.989	5.330		1.891	
	~~23.408~~					25.261				
	23.409									

F.B. 1364 P.G. 125

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 10:40 TO 11:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-15 To B.M. 30-13A
Date 9-7-54
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
	5.304	23.408	198	1.894		4.279	25.261	198	1.891	- 29.343
	5.106		196			4.081		196		+ 28.515
	4.910		394			3.885		394		- 0.828
6	5.320	5.107		2.288		12.245	4.082		2.285	
		28.515					29.343			B.M. 30-14 F.C.S.M. 73-19 SAN GAB. RIVER & 7th ST. SEE F.B. 1396-19 FOR DESCRIPTION
	10.022		122			3.459		118		
	9.900		122			3.341		115		
	9.778		244			3.226		233		
7	29.700	9.900		2.532		~~11.026~~ 10.026	3.342		2.518	B.M. 30-13A F.C. BRASS DISK 7th ST. & SAN GABRIEL RIVER, IN N.W. COR CONC. BRIDGE BETWEEN GUARD RAIL & CURB, 2' E. OF W. END.
	10.310		090			2.792		084		
	10.220		089			2.708		086		
	10.131		179			2.622		170		
8	30.661	10.220		2.711		8.122	2.707		2.688	
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 48.635
										TOTAL FORESIGHTS - 35.392
										DIFF 30-15 TO 30-13A + 13.243
		48.635					35.392			" 30-15 " 30-14 - 0.828
										" 30-14 " 30-13A + 14.071

F.B. 1364 P.G. 126

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Windy Inst. No. 50010
Notes by E. Landa Time 1:15 To 3:10 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-15 To B.M. 30-17
Date 9-7-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4487		203		#5	5100		202		B.M. 30-15
	4284		202			4898		201		San Gabriel River ℄
	4082		405			4697		403		Tower # 19
1	12853	4.284		405	78°	14695	4.898		403	SEE F.B. 1396-18 FOR DESC
	5981		202			5719		195		
	5779		201			5524		197		⊼ G.E. Dreier
	5578		403			5327		392		
2	17338	5.779		808		16570	5.523		795	
	5603		265			5058		247		+15.401
	5338		264			4811		251		-15.231
	5074		529			4560		498		+0.170
3	16015	5.338		1337		14429	4.810		1293	
		15.401					15.231			F.C. 73-18
										San Gabriel River
										Tower # 20
	6062		203			5490		227		
	5859		201			5263		226		
	5658		404			5037		453		
4	17579	5.860		1741		15790	5.263		1744	
		21.261					20.494			

F.B. 1364 P.G. 127

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: Windy Inst. No.: 50010
Notes by: E. Landa Time: 1:15 To 3:10 Rod No.: 5 & 6

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 30-15 To: B.M. 30-17
Date: 9-7-54
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
	5746	21.261	213	1741		5145	20.494	209	1746	
	5533		212			4936		209		
	5321		423			4727		418		
5	16600	5.533		2166		14808	4.936		2164	
										+ 32.181
										- 29.203
										+ 2.978
	5564		177			3939		166		
	5387		176			3773		166		
	5211		353			3607		332		
6	16162	5.387		2519		11319	3.773		2496	
										+ 0.170
										+ 2.808
		32.181					29.203			
										B.M. 30-16
										San Gabriel River &
										Tw. # 21
										SEE F.B. 1396-18 FOR DESC.
	3778		201			5571		195		
	3577		200			5376		197		
	3377		401			5179		392		
7	10732	3.577		2920		16126	5.375		2888	
	5973		210			5668		210		
	5763		213			5458		210		
	5550		423			5248		420		
8	17286	5.762		3343		16374	5.458		3308	
		41.520					40.036			

F.B. 1364 P.G. 128

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: Windy Inst. No. 50010
Notes by: E. Landa Time: 1:15 To 3:10 Rod No. 5 & 6

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 30-15 To: B.M. 30-17
Date: 9-7-54
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
	5802	41.520	185	3343		6073	40.036	204	3308	+47.137 +3.818
	5617		186			5869		201		-45.906 +1.231
	5431		371			5668		405		+1.231 +2.587
9	16850	5.619		3714		17610	5.870		3913	+1.808 -0.577
		47.137					45.906			F.C. 73-5 San Gabriel River Tower # 22
	6318		194			5608		196		Summation of Run B.M. 30-15 To B.M. 30-17
	6124		192			5412		194		Total Backsights = + 64.210
	5932		386			5218		390		Total Foresights = - 60.392
10	18374	6.125		4100		16238	5.413		4103	Diff in Elev = + 3.8189
	5788		195			5153		195		B.M. 30-15 To F.C. 73-18 = +0.170
	5593		194			4958		195		F.C. 73-18 To B.M. 30-16 = +2.808
	5399		389			4763		390		B.M. 30-16 To 73-5 = -1.744
11	16780	5.593		4489		14874	4.958		4493	F.C. 73-5 To B.M. 30-17 = +2.587
	5532		177			4303		188		B.M. 30-17 San Gabriel River Tower # 23
	5355		176			4115		188		
	5179		353			3925		378		
12	16066	5.355		4842		12343	4.115	378	4864	SEE F.B. 1396-20 FOR DESC
		64.210				12343	60.392			

F.B. 1364 P.G. 129

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. 136 PG. 130										

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: Clear Inst. No.: 50010
Notes by: E. Landa Time: 9:00 To 9:45 Rod No.: 5 & 6

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 30-17 To: B.M. 30-15
Date: 9-8-54
Indexed: R. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4428		187		#5	5663		181		B.M. 30-17
	4241		184			5482		180		San Gabriel River
	4057		371			5302		361		Tower #23
1	12726	4.242		371		16447	5.482		361	See F.B. 1396-20 for des.
	5152		194			5791		194		
	4958		197			5597		194		⊼ G.E. Dreier
	4761		391			5403		388		
2	14871	4.957		762		16791	5.597		749	
	5604		196			6318		195		-17.203
	5408		196			6123		192		+14.607
	5212		392			5931		387		-2.596
3	16224	5.408		1154		18372	6.124		1136	
		14.607					17.203			F.C. 73-5
										San Gabriel River
										Tower #22
	6048		197			5789		191		
	5851		199			5598		189		
	5652		396			5409		380		
4	17551	5.850		1550		16796	5.599		1516	
		20.457					22.802			

F.B. 1364 P.G. 131

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 E. Landz Time 9:00 To 9:45 Rod No. 5E6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-17 To B.M. 30-15
Date 9-8-54
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
	5685	20.457	208	1550		5996	22.202	213	1516	
	5477		205			5783		213		
	5272		413			5570		426		
5	16434	5.478		1963		17349	5.783		1942	
	5498		196			3708		201		- 32.091
	5302		194			3507		203		+ 31.238
	5108		390			3304		404		- 0.853
6	15908	5.303		2353		10519	3.506		2346	- 2.596
										+ 1.743
		31.238					32.091			B.M. 30-16
										San Gabriel River
										Tower # 21
										See F.B. 1396-18 for des.
	3913		170			5528		175		
	3743		170			5353		174		
	3573		340			5179		349		
7	11229	3.743		2693		16060	5.353		2695	
	5109		210			5712		214		
	4899		207			5498		212		
	4692		417			5286		426		
8	14700	4.900		3110		16496	5.499		3121	
	39.877					42.943				
	21									

F.B. 1364 P.G. 132

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 Clear Inst. No. 50010
Notes by E. Lande Time 9:00 To 9:45 Rod No. 5E6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-17 To B.M. 30-15
Date 9-8-54
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
	5515	39.894	218	3110		6108	42.943	214	3121	
	5297		217			5892		212		
	5080		435			5680		428		
9	15892	5.297		3545		17680	5.893		3549	
		45.168					48.836			F.C. 73-18 San Gabriel River Tower #20
	5057		244			5611		269		Summation of Run
	4813		240			5342		268		Total Backsights = + 60.5~~23~~33
	4573		484			5074		537		Total Foresights = - 64.350
10	14443	4.814		4029		16027	5.342		4086	Diff. in Elev = - 3.8~~27~~17
	5758		199			6013		202		B.M. 30-17 To F.C. 73-5 = -2.596
	5559		198			5811		202		F.C. 73-5 To B.M. 30-16 = +1.743
	5361		397			5609		404		B.M. 30-16 To F.C. 73-18 = -2.815
11	16678	5.559		4426		17433	5.811		4490	F.C. 73-18 To B.M. 30-15 = -0.159
	5193		211			4558		198		B.M. 30-15
	4982		211			4360		195		San Gabriel River
	4771		422			4165		393		Tower #19
12	14946	4.982		4848	76°	13083	4.361		4883	See F.B. 1396-18 for des.
		60.5~~23~~33					64.350			

F.B. 1364 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 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. 1364 P.G. 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 HEAT WAVES Inst. No. 50010
Notes by G. E. DREIER Time 10:10 TO 11:10 Rod No. 596

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-15 To B.M. 30-17
Date 9-8-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.113		210		#5	4.728		203		B.M. 30-15 F.C.B.M. 7
	3.903		209			4.525		205		SAN GAB. RIVER & TOWER #19
	3.694		419			4.320		408		SEE F.B. 1396-18
1	11.710	3.903		419	76	13.573	4.524		408	FOR DESC.
	5.898		200			5.689		199		
	5.698		201			5.440		197		π E. LANDA
	5.497		401			5.243		396		
2	17.093	5.698		.820		16.322	5.441		.804	
	5.542		269			4.990		241		+14.875
	5.273		266			4.749		242		-14.714
	5.007		535			4.507		483		+0.161
3	15.822	5.274		1.355		14.246	4.749		1.287	
		14.875					14.714			F.C.B.M. 73-18
										SAN GABRIEL RIVER & TOWER #20
	6.026		216			5.427		219		
	5.810		213			5.208		217		
	5.597		429			4.991		436		
4	17.433	5.811		1.784		15.626	5.209		1.723	
		20.686					19.923			

F.B. 1364 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 SUN-HEATWAVE Inst. No. 50010
Notes by G. E. DREIER Time 10.10 TO 11.10 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-15 To B.M. 30-17
Date 9-8-54
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
	5.456	20.686	215	1.784		4.856	19.923	207	1.723	
	5.241		212			4.649		209		
	5.029		427			4.440		416		
5	15.726	5.242		2.211		13.945	4.648		2.139	
	5.430		180			3.805		166		+31.178
	5.250		179			3.639		167		-28.210
	5.071		359			3.472		333		+2.968
6	15.751	5.250		2.570		10.916	3.639		2.472	+0.161
										+2.807
		31.178					28.210			B.M. 30-16
										SAN GAB. RIVER & TOWER #21
										SEE F.B. 1396-18
										FOR DESCRIPTION
	3.669		204			5.459		197		
	3.465		202			5.262		193		
	3.263		406			5.069		390		
7	10.397	3.466		2.976		15.790	5.263		2.862	
	5.939		219			5.625		206		
	5.720		218			5.419		207		
	5.502		437			5.212		413		
8	17.161	5.720		3.413		16.256	5.419		3.275	
		40.364					38.892			

F.B. 1364 P.G. 136

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:10 TO 11:10 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-15 To B.M. 30-17
Date 9-8-54
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	
	5.673	40.364	176	3.413		5.961	38.892	212	3.275	+45.860	+3.814
	5.497		178			5.749		210		-44.642	+1.218
	5.319		357			5.539		422		+1.218	+2.596
9	16.489	5.496		3.767		17.249	5.750		3.697	+2.968	
										-1.750	
		45.860					44.642			F.C. B.M. 73-5	
										SAN GAB. RIVER & TOWER #22	
										SUMMATION OF RUN	
	6.202		193			5.492		198		TOTAL BACKSIGHTS	+62.672
	6.009		191			5.294		194		TOTAL FORESIGHTS	-58.858
	5.818		384			5.100		392		DIFF. 30-15 TO 30-17	+3.814
10	18.029	6.018		4.151		15.886	5.295		4.089	" 30-15 TO F.C. 73-18	+0.161
	5.693		189			5.071		204		" F.C. 73-18 TO 30-16	+2.807
	5.504		185			4.867		205		" 30-16 TO F.C. 73-5	-1.750
	5.319		374			4.662		409		" F.C. 73-5 TO 30-17	+2.596
11	16.516	5.505		4.525		14.600	4.867		4.498		
	5.470		173			4.249		196		B.M. 30-17 (F.C.	
	5.297		173			4.053		193		SAN GAB. RIVER & TOWER #	
	5.124		346			3.860		389		SEE F.B. 1376-20	
12	15.891	5.297		4.881	78°	12.162	4.054		4.887	FOR DESCRIPTION	
		62.672					58.858				

F.B. 1364 P.G. 137

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
F.B. 1364 P.G. 138										

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: SUN-BREEZE Inst. No. 50010
Notes by: G. E. DREIER Time: 11:10 TO 12:00 Rod No. 5 & 6

Name: L. A. CO. PRECISE LEVEL NET
Job No. 030102
From: B.M. 30-17 To: B.M. 30-15
Date: 9-8-54
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4256		186		#5	5495		184		B.M. 30-17
	4070		185			5311		180		SAN GAB. RIVER & TOWER
	3885		371			5131		364		SEE F.B. 1396-20
1	12.211	4.070		.371	78°	15.937	5.312		364	FOR DESCRIPTION
	5098		198			5731		193		
	4900		199			5538		196		E. LANDA
	4701		397			5342		389		
2	14.699	4.900		.768		16.611	5.537		.753	
	5487		197			6197		194		-16.852
	5290		195			6003		193		+14.261
	5095		392			5810		387		-2.591
3	15.872	5.291		1.160		18.010	6.003		1.140	
		14.261					16.852			F.C.B.M. 73-5
										SAN GAB. RIVER & TOWER #22
	5896		196			5639		192		
	5700		199			5447		195		
	5501		395			5252		387		
4	17.097	5.699		1.555		16.338	5.446		1.527	
		19.960					22.298			

F.B. 1364 P.G. 139

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN-BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 11:10 TO 12:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-17 To B.M. 30-15
Date 9-8-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.568	4.960	207	1.555		5.878	3.948	218	1.527	
	5.361		204			5.660		215		
	5.157		411			5.445		433		
5	16.086	5.362		1.966		16.983	5.661		1.960	
	5.368		196			3.580		206		1 - 31.334
	5.172		192			3.374		202		+ 30.493
	4.980		388			3.172		408		- 0.841
6	15.520	5.173		2.354		10.126	3.375		2.368	- 2.591
		30.495					31.334			+ 1.750
	3.5									B.M. 30-16 AND SAN GAB. RIVER & TOWER #21 SEE F.B. 1396-18 FOR DESCRIPTION
7	3.743		165			5.367		180		
	3.578		167			5.187		178		
	3.411		332			5.009		358		
	10.732	3.577		2.686		15.563	5.188		2.726	
8	4.940		205			5.548		218		
	4.735		206			5.330		214		
	4.529		411			5.116		432		
	14.204	4.735		3.097		15.994	5.331		3.158	
		38.807					41.853			

F.B. 1364 P.G. 140

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather BREEZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:10 TO 12:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-17 To B.M. 30-15
Date 9-8-54
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
	5.359	38.807	216	3.097		5.967	41.853	220	3.158	-47.601 3.810
	5.143		214			5.747		218		+43.951 3.650
	4.929		430			5.529		438		-3.650 -0.160
9	15.431	5.144		3.527		17.243	5.748		3.596	-0.841 +2.809
		43.951					47.601			F.C. B.M. 73-18 SAN GAB. RIVER & TOWER # 20
										SUMMATION OF RUN
	4.887		250			5.423		258		TOTAL BACKSIGHTS +58.708
	4.637		249			5.165		262		TOTAL FORESIGHTS -62.518
	4.388		499			4.903		520		DIFF. 30-17 TO 30-15 -3.810
10	13.912	4.637		4.026		15.491	5.164		4.116	" 30-17 TO F.C. 73-5 -2.591
	5.609		199			5.862		201		" F.C. 73-5 TO 30-16 +1.750
	5.410		200			5.661		200		" 30-16 TO F.C. 73-18 -2.809
	5.210		399			5.461		401		" F.C. 73-18 TO 30-15 -0.160
11	16.229	5.410		4.425		16.984	5.661		4.517	
	4.936		226			4.276		185		B.M. 30-15
	4.710		225			4.091		182		SAN
	4.485		451			3.909		367		
12	14.131	4.710		4.876	76°	12.276	4.092		4.884	
		58.708					62.518			

F.B. 1364 P.G. 141

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather 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. 1364 P.G. 142										

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 1115 To 2140 Rod No. 55

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-17 To B.M. 30-18
Date 9-8-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4747		184		#5	5502		190		B.M. 30-17
	4563		180			5312		190		San Gabriel River
	4383		364			5122		380		Tower # 23
1	13693	4.564		364	78°	15936	5.312		380	See F.B. 1396-20 FOR DESC.
	6005		199			5140		198		
	5806		196			4942		195		⊼ G.E. Dreier
	5610		395			4747		393		
2	17421	5.807		759		14829	4.943		773	
	5577		197			6330		208		-16,378
	5380		196			6122		206		+15.751
	5184		393			5916		414		- 0.627
3	16141	5.380		1152		18368	6.123		1187	
		15.751					16.378			F.C.B.M. 73-7
										SAN GABRIEL RIVER ℄
										Tower # 24
										See F.B. 1396-20
	6969		198			5037		202		
	6771		198			4835		203		
	6573		396			4632		405		
4	20313	6.771		1548		14504	4.835		1592	
		22.522					21.213			

F.B. 1364 P.G. 143

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 E. Landa Time 1:15 To 2:40 Rod No. 556

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-17 To B.M. 30-
Date 9-8-54
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
	[illegible]	22.522	195	1548		4963	21.213	195	1592	
	6477		197	[illegible]		4770		199		
	6280		392	[illegible]		4571		397		
5	19429	[illegible]		[illegible]		14309	[illegible]		1989	+34.883
	6061		177			5424		177		- 31.230
	5884		173			5247		173		+ 3.653
	5711		350			5069		355		- 0.627
6	17656	5.885		2290		15740	5.247		2344	+ 4.280
		34.883					31.230			F.C.B.M. 73-5C
										SAN GABRIEL RIVER &
										Tower # 25
	6120		197			5039		197		
	5923		195			4842		194		
	5723		392			4647		391		
7	17771	5.924		2682		14529	4.843		2735	
	5378		204			4944		205		
	5174		201			4739		205		
	4973		405			4534		410		
8	15525	5.175		3087		14217	4.739		3145	
		45.982					40.812			

F.B. 1364 P.G. 144

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 1:15 To 2:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-17 To B.M. 30-18
Date 9-8-54
Indexed [illegible] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	57[illegible]	45.982	200	3077		6581	40.812	179	3145	+51.570 +6.166
	5588		201			6402		180		-47.214 +4.356
	5387		401			6222		359		+4.356 +1.810
9	16763	5.588		3488		19205	6402		3504	+3.653
		51.570					47.214			+0.703
										F.C.B.M. 73-17
										SAN GABRIEL RIVER ℄
										Tower # 2[illegible]
										~~Summation of Run~~
	5942		200			5343		193		TOTAL BACKSIGHTS +67.300
	5742		200			5150		192		TOTAL FORESIGHTS -61.134
	5542		400			4958		385		DIFF. 30-17 TO 30-18 +6.166
10	17226	5.742		3888		15451	5.150		3889	" 30-17 TO F.C. 73-7 -0.627
	5[illegible]		19[illegible]			5166		194		F.C. 73-7 TO F.C. 73-5C +4.280
	5620		19[illegible]			4972		193		F.C. 73-5C TO F.C. 73-17 +0.703
	5423		39[illegible]			4779		387		F.C. 73-17 TO 30-18 +1.810
11	16860	5.620		4282		14917	4.972		4276	
	4584		216			4018		220		B.M. 30-18
	4368		217			3798		220		SAN GABRIEL RIVER ℄
	4151		433			3578		440		Tower # 27
12	13103	4.368		4715	78°	11394	3.798		4716	SEE F.B. 1396-22 FOR DESC
		67.300					61.134			

F.B. 1364 P.G. 145

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. 1364 P.G. 146

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 E. Landa Time 2:40 To 3:30 Rod No. 566

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-18 To B.M. 30-17
Date 9-8-54
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
	4129		220		#5	4695		217		B.M. 30-18
	3909		220			4478		218		San Gabriel River
	3689		440			4260		435		Tower # 27
1	11727	3.909		440	78°	13433	4478		435	See F.B. 1396-22
	5101		191			5752		196		
	4910		194			5556		196		G. E. Dreier
	4716		385			5360		392		
2	14727	4.909		825		16668	5.556		827	
	5477		198			6392		198		- 15.909
	5279		196			5194		194		+ 14.098
	5083		394			5680		392		- 1.811
3	15839	5.280		1219		17626	5.875		1219	
		14.098					15.909			F.B. 73-17
										San Gabriel River
										Tower # 26
	6642		193			5924		11		
	6449		191			5636		191		
	6258		384			5449		375		
4	19349	6.450		1603		16909	5.636		1594	
		20.548					21.545			

F.B. 1364 P.G. 147

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 E. Landa Time 2:40 To 3:30 Rod No. 58

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-18 To B.M. 30-17
Date 9-8-54
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
	4937	20.548	205	1208		5370	21.545	202	1594	
	4732		204			5168		201		
	4528		409			4967		403		
5	14197	4.732		2012		15505	5.168		1999	
	5093		195			6169		194		-32.687
	4898		194			5975		194		+30.178
	4704		389			5779		390		-2.509
6	14695	4.898		2431		17921	5.974		2379	-1.811
		30.178					32.687			-0.698
										F.C. 73-5C
										San Gabriel River
										Tower #25
	5426		173			6262		173		
	5249		175			5889		175		
	5071		354			5714		348		
7	15746	5.248		2755		17865	5.952		2735	
	5011		199			6911		194		
	4812		200			6517		196		
	4612		399			6321		390		
8	14435	4.812		3154		19749	6.583		3125	
		40.238					45.091			

F.B. 1364 P.G. 148

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: E. Landa Time: 2:40 To 3:30 Rod No. 5 & 6

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 30-18 To B.M. 30-17
Date: 9-8-54
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
	5150	40.238	202	3154		7079	45.077	197	3125	
	4948		201			6882		197		
	4747		203			6685		394		
9	14845	4.948		3557		20646	6.882		3519	
		45.186					51.973			F.C. 73-7
										San Gabriel River
										Tower #24
	6419		197			5680		206		Summation of Run
	6222		194			5474		206		Total Backsights = + 61.667
	6028		391			5268		412		Total Foresights = - 67.816
										Diff. in Elev = - 6.149
10	18669	6.223		3948		16422	5.474		3931	B.M. 30-18 To F.C. 73-17 = -1.811
	5108		199			5968		195		F.C. 73-17 To F.C. 73-5C = - 0.678
	4909		199			5773		195		73-5C To F.C. 73-7 = - 4.278
	4711		397			5575		393		F.C. 73-7 To B.M. 30-17 = + 0.638
11	14728	4.909		4345		17316	5.772		4324	
	5529		180			4788		191		B.M. 30-17
	5349		90			4597		189		San Gabriel River
	5169		360			4408		380		Tower #23
12	16047	5.349		4705	78°	13793	4.598		4704	See F.B. 1396-20
		61.667					67.816			

F.B. 1364 P.G. 149

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. 1364 P.G. 150										

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: E. Landa Time: 9:00 AM Rod No.: 586

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 30-17 To: F.C. 93-7
Date: 9-10-54
Indexed: L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4803 4621 4439		182 182 364		#5	5559 5371 5182		188 189 377		B.M. 30-17 San Gabriel River Tw. #23 See F.B. 1392-20 for description
1	13863	4.621		364	66°	16112	5.371		377	
	5989 5790 5590		199 200 399			5126 4929 4734		197 195 392		⊼ G.E. Dreier Summation of Run B.M. 30-17 to F.C. 93-7
2	17369	5.798		763		14789	4.930		769	
	5488 5293 5100		195 193 388			6250 6041 5833		209 208 417		Total Backsights = +15.705 Total Foresights = -16.342 Diff. in Elev. = -0.637
3	15881	5.294		1151	68°	18124	6.041		1186	
										F.C. 93-7 San Gabriel River Tower # 24
		15.705					16.342			

F.B. 1364 P.G. 151

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. 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. 1364 P.G. 152

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: LIGHT FOG Inst. No. 50010
Notes by: G. E. DREIER Time: 9:30 TO Rod No. 586

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 30-18 To: B.M. 8-30
Date: 9-10-54
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.013		205		#9	5.910		205		B.M. 30-18 F.C.B.M.
	2.808		204			5.705		203		SAN GABRIEL RIVER & TOWER # 27
	2.604		409			5.502		408		SEE F.B. 1396-22
1	8.425	2.808		409	68°	17.117	5.706		408	FOR DESCRIPTION
	5.780		195			5.201		195		
	5.585		195			5.006		194		⊼ E. LANDA
	5.390		390			4.812		389		
2	16.755	5.585		.799		15.019	5.006		.797	
	5.210		150			5.111		148		
	5.060		149			4.963		145		
	4.911		299			4.818		293		
3	15.181	5.060		1.098		14.892	4.964		1.090	
	5.082		161			5.849		157		-21.369
	4.921		160			5.692		153		+18.374
	4.761		321			5.539		310		-2.995
4	14.764	4.921		1.419		17.080	5.693		1.400	
	5.391	18.374	194			5.000	21.369	197		T.B.M. TOWER # 28
	5.197		197			4.803		194		
	5.000		391			4.609		391		
5	15.588	5.196		1.810		14.412	4.804		1.791	
		23.570					26.173			

F.B. 1364 P.G. 153

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather LIGHT FOG Inst. No. 50010
Notes by G.E. DREIER Time 9:30 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-18 To B.M. 8-30
Date 9-10-54
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	23.570	197	1.810		5.081	26.173	195	1.791	
	5.163		194			4.886		194		
	4.969		391			4.692		389		
6	15.492	5.164		2.201		14.659	4.886		2.180	
	5.565		203			5.199		201		-36.058 -2.995
	5.362		199			4.998		199		34.097 -1.961
	5.163		402			4.799		400		-1.961 +1.034
7	16.090	5.363		2.603		14.996	4.999		2.580	
		34.097					36.058			B.M. 30-19 F.C. 73-7C SAN GAB. RIVER & TOWER # 29 SEE F.B. 1396-22 FOR DESCRIPTION
	5.745		195			5.039		197		
	5.550		194			4.842		195		
	5.356		389			4.647		392		
8	16.651	5.550		2.992		14.528	4.843		2.972	
	5.671		194			4.871		195		
	5.477		198			4.676		197		
	5.279		392			4.479		392		
9	16.427	5.476		3.384		14.026	4.675		3.364	
		45.123					45.576			

F.B. 1364 P.G. 154

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: LIGHT FOG Inst. No: 50010
Notes by: G. E. DREIER Time: 9:30 TO Rod No: 586

Name: L. A. CO. PRECISE LEVEL NET
Job No: 0301.02
From: B.M. 30-18 To: B.M. 8-30
Date: 9-10-54
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
	5.562	45.123		3.384		5.297	45.576		3.364	-50.680
	5.370		192			5.103		194		+50.494
	5.180		190			4.911		192		- 0.186
			382					386		- 1.961
10	16.112	5.371		3.766		15.311	5.104		3.750	+ 1.775
		50.494					50.680			B.M. 30-20 F.C.B.M. 73-8C SAN GAB. RIVER & TOWER #30 SEE F.C. 1396-22
	5.496		195			5.628		198		
	5.301		191			5.430		197		
	5.110		386			5.233		395		
11	15.907	5.302		4.152		16.291	5.430		4.145	
	5.259		208			5.396		209		
	5.051		210			5.187		207		
	4.841		418			4.980		416		
12	15.151	5.050		4.570		15.563	5.188		4.561	
	5.564		254			6.288		251		-67.336
	5.310		253			6.037		248		+ 66.156
	5.057		507			5.789		499		- 1.180
13	15.931	5.310		5.077		18.114	6.038		5.060	- 0.186
		66.156					67.336			- 0.994

F.B. 1364 P.G. 155

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather LIGHT FOG Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-18 To B.M. 8-30
Date 9-10-54
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
		6.656		5.077			7.336		5.060	T.B.M. TOWER #31 E.C. DISK NO NUMBER
	6.584		200			5.730		220		
	6.384		196			5.510		219		
	6.188		396			5.291		439		
14	19.156	6.385		5.473		16.531	5.510		5.499	
	5.739		200			5.340		199		
	5.539		199			5.141		195		
	5.340		399			4.946		394		
15	16.618	5.539		5.872		15.427	5.142		5.893	
	5.610		244			5.200		241		+ 83.447
	5.366		242			4.959		238		82.948
	5.124		486			4.721		479		+ 0.499
16	16.100	5.367		6.358		14.880	4.960		6.372	− 1.180
										+ 1.679
										B.M. 30-21 SAN GAB. RIVER & TOWER # 32 SEE FB 1396-24 FOR DESCRIPTION
	83.447					82.948				

F.B. 1354 P.G. 156

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: LIGHT FOG Inst. No. 50010
Notes by: G. E. DREIER Time: 9.30 TO Rod No. 5&6

Name: L. A. CO. PRECISE LEVEL NET
Job No. 50010
From: B.M. 30-18 To: B.M. 8-30
Date: 9-10-54
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.771	5.447	185	6.358		5.429	5.248	190	6.372	
	5.586		186			5.239		187		
	5.400		371			5.052		377		
17	16.757	5.586		6.729		15.720	5.240		6.749	
	6.176		204			4.671		204		
	5.972		202			4.467		204		
	5.770		406			4.263		408		
18	17.918	5.973		7.135		13.401	4.467		7.157	+104.667
	5.538		198			5.442		202		101.117
	5.340		195			5.240		201		+ 3.550
	5.145		393			5.039		403		+ 0.499
19	16.023	5.341		7.528		15.721	5.240		7.560	+ 3.051
	4.460		140			3.359		137		B.M. 8-30 (F.C. B.M. 73-33T)
	4.320		139			3.222		137		SAN GAB. RIVER & SPRING
	4.181		279			3.085		274		ST. AT TOWER #33
20	12.961	4.320		7.807		9.666	3.222		7.834	SEE F.B. 1209-27
										SEE NEXT PAGE FOR SUMMATION OF RUN
		104.667					101.117			

F.B. 1364 P.G. 157

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
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	
										SUMMATION OF RUN	
										TOTAL BACKSIGHTS + 104.667	
										TOTAL FORESIGHTS - 101.117	
										DIFF. IN ELEVATION B.M. 30-18 TO B.M. 8-30 + 3.550	28
										" 30-18 " TOWER #28 - 2.995	12
										TOWER #28 " " 30-19 + 1.034	0
										30-19 " " 30-20 + 1.775	0
										30-20 " " TOWER #31 T.B.M. - 0.994	5
										TOWER #31 " " 30-21 + 1.679	47
										30-21 " " 8-30 + 3.051	44
						-2.995		+1.034			
						0.994		1.775			
						3.989		1.679			
								3.051			
								7.539			
								3.989			
								3.550			

F.B. 1364 P.G. 158

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 HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-30 To B.M. 30-18
Date 9-10-54
Indexed A. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.350		136		#5	4.457		143		B.M. 8-30 (F.C. B.M. 73-33T)
	3.214		134			4.314		142		SAN GAB. RIVER & SPRING ST.
	3.080		270			4.172		285		SEE F.B. 1209-27
1	9.644	3.215		270	80°	12.943	4.314		.285	FOR DESCRIPTION
	5.210		200			5.314		196		
	5.010		198			5.118		196		↑ E. LANDA
	4.812		398			4.922		392		
2	15.032	5.011		.668		15.354	5.118		.677	
	4.711		202			6.218		206		
	4.509		201			6.012		203		
	4.308		403			5.809		409		
3	13.528	4.509		1.071		18.039	6.013		1.086	
	5.172		187			5.514		183		- 20.776
	4.985		185			5.331		182		+ 17.721
	4.800		372			5.149		365		- 3.055
4	14.957	4.986		1.443		15.994	5.331		1.451	
										B.M. 30-21
										SAN GAB. RIVER & TOWER # 32
										SEE F.B. 1396-24
										FOR DESCRIPTION
		17.721					20.776			

F.B. 1364 P.G. 159

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
126 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 BREEZY - SUN Inst. No. 50010
Notes by G.E DREIER Time 1:00 TO 3:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. B-30 To B.M. 30-18
Date 9-10 & 13-54
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
	5.120	17.721	236	1443		5.532	20.776	242	1451	
	4.884		236			5.290		240		
	4.648		472			5.050		482		
5	14.652	4.884		1.915		15.872	5.291		1.933	
	5.289		199			5.691		200		
	5.090		195			5.491		199		
	4.895		394			5.292		399		
6	15.274	5.091		2.309		16.474	5.491		2.332	
	5.540		219			6.398		198		-37.758
	5.321		218			6.200		199		33.017
	5.103		437			6.001		397		-4.741
7	15.964	5.321		2.746		18.599	6.200		2.729	-3.055
										-1.686
		33.017					37.758			T.B.M. TOWER # 31
										F.C. DISK No NUMBER
F.B. 1384 P.G. 160										
	6.264		251			5.546		254		
	6.013		248			5.292		253		
	5.765		499			5.039		507		
8	18.042	6.014		3.245		15.877	5.292		3.236	
	39.031					43.050				

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No 50010
Notes by G. E. DREIER Time 9:00 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. B-30 To B.M. 30-18
Date 9-23-54
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
	5.470	39.031	212	3.245		5.327	43.050	207	3.236	
	5.258		208			5.120		208		
	5.050		420			4.912		415		
9	15.778	5.259		3.665		15.359	5.120		3.651	
	5.646		197			5.514		194		-53.491 -4.741
	5.449		197			5.320		192		+49.739 -3.752
	5.252		394			5.128		386		-3.752 +0.989
10	16.347	5.449		4.059		15.962	5.321		4.037	
		49.739					53.491			B.M. 30-20 (F.C. 73-8C) SAN GABRIEL RIVER & TOWER #30 SEE F.B. 1396-22 FOR DESCRIPTION
	5.297		194			5.563		193		
	5.103		191			5.370		190		
	4.912		385			5.180		383		
11	15.312	5.104		4.444		16.113	5.371		4.420	
	4.810		197			5.615		197		
	4.613		194			5.418		196		
	4.419		391			5.222		393		
12	13.842	4.614		4.835		16.255	5.418		4.813	
		59.457					64.280			

F.B. 1364 P.G. 161

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-30 To B.M. 30-18
Date 9-13-54
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
	5.080	59.457	199	4.835		5.781	64.280	196	4.813	-69.866
	4.881		195			5.585		194		+64.339
	4.686		394			5.391		390		-5.527
13	14.647	4.882		5.229		16.757	5.586		5.203	-3.752
										-1.775
	64.339					69.866				B.M. 30-19 (F.C. B.M. 73-7C)
										SAN GAB. RIVER & TOWER 29
	5.229		201			5.593		201		
	5.028		202			5.392		201		
	4.826		403			5.191		402		
14	15.083	5.028		5.632		16.176	5.392		5.605	
	5.083		193			5.361		191		
	4.890		191			5.170		194		
	4.699		384			4.976		385		
15	14.672	4.891		6.016		15.507	5.169		5.990	
	5.192		194			5.592		202		
	4.998		194			5.390		201		
	4.804		388			5.189		403		
16	14.994	4.998		6.404		16.171	5.390		6.393	
	79.256					85.817				

F.B. 1364 P.G. 162

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-30 To B.M. 30-18
Date 9-13-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		79.256		6.404			85.817		6.393	T.B.M. TOWER #28 F.C. BRASS DISK, NO NUMBER
										-85.817
	5.410		157			4.647		159		+79.256
	5.253		155			4.488		158		-6.561
	5.098		312			4.330		317		-5.527
17	15.761	5.254		6.716		13.465	4.488		6.710	-1.034
	5.159		150			5.251		149		
	5.009		148			5.102		145		
	4.861		298			4.957		294		
18	15.029	5.010		7.014		15.316	5.103		7.004	
	5.155		194			5.740		196		-103.809
	4.961		193			5.544		193		+100.231
	4.768		387			5.351		389		-3.578
19	14.884	4.961		7.401		16.635	5.545		7.393	-6.561
										+2.983
	5.957		202			3.062		206		B.M. 30-18 (F.C.
	5.749		200			2.856		206		SAN GAB. RIVER & TOWER #27
	5.549		402			2.650		412		SEE F.B. 1396-22
20	17.249	5.750		7.803	78°	8.568	2.856		7.805	FOR DESCRIPTION
		100.231					103.809			SEE NEXT PAGE FOR SUMMATION OF RUN

F.B. 1364 P.G. 163

76P526 S & E #379 1-54

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name: L. A. CO. PRECISE LEVEL NET
Job No: 0301.02
From: B.M. 8-30 To: B.M. 30-18
Date: 9-13-54
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
						SUMMATION OF RUN				
										TOTAL BACKSIGHTS + 100.231
										TOTAL FORESIGHTS - 103.809
						DIFF. IN ELEVATION			B.M. 8-30 TO B.M. 30-18	- 3.578
						" "	"	"	8-30 TO " 30-21	- 3.055
						" "	"	"	30-21 " " T.B.M. #31	- 1.686
						" "	"	"	T.B.M. TOWER #31 " " 30-20	+ 0989
						" "	"	"	B.M. 30-20 " " 30-19	- 1.775
		- 3.055			0.989	" "	"	"	30-19 " TOWER # T.B.M. 28	-1.034
		1 686			2 983		"		TOWER # 28 " " 30-18	+2.983
		1 775			3.972					
		1 034								
		7.550								
		3 972								
		3.578								

F.B. 1364 P.G. 164

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather WINDY - HAZE SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. TOWER #28 To B.M. 30-18
Date 9-13-54
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
	5752		154		#5	4995		163		T.B.M. TOWER # 28
	5598		158			4832		160		F.C. BRASS DISK NO NUMBER
	5440		312			4672		323		
1	16790	5.597		.312	78°	14499	4.833		.323	
	5.214		146			5.313		147		
	5.068		148			5.166		146		T E. LANDA
	5.920		294			5.020		293		
2	15.202	5.067		.606		15.499	5.166		.616	
	5.293		192			5880		197		
	5.101		194			5.683		194		
	4.907		386			5.489		391		
3	15.301	5.100		.992		17.052	5.684		1.007	
	5.884		202			3.000		205		B.M. 30-18 (F.C.B.M.
	5.682		202			2.795		204		SAN GAB. RIVER & TOWER # 27
	5.479		405			2.591		409		SEE F.B. 1396-22
4	17.045	5.682		1.397		8.386	2.795		1.416	FOR DESCRIPTION
										SUMMATION OF RUN
										T.B.M.
										TOTAL BACKSIGHTS + 21.446
										TOTAL FORESIGHTS - 18.478
										DIFF IN ELEV. + 2.968
	21.446					18.478				

F.B. 1364 P.G. 165

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 WINDY-HAZE SUN Inst. No. 50010
Notes by G.E. DREIER Time 2:00 TO 2:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-18 To TOWER #28
Date 9-13-54
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
	3.068		218		#5	5.954		204		B.M. 30-18 F.C.B.M.
	2.860		207			5.750		201		SAN GAB. RIVER & TOWER #27
	2.653		415			5.549		405		SEE F.B. 1396-22
1	8.581	2.860		415	78°	17.253	5.751		405	
	5.671		195			5.084		193		↑ E. LANDA
	5.476		196			4.891		193		
	5.280		391			4.698		386		
2	16.427	5.476		.806		14.673	4.891		.791	
	5.210		149			5.110		148		
	5.061		149			4.962		144		
	4.912		298			4.818		292		
3	15.183	5.061		1.104		14.890	4.963		1.083	
	5.026		157			5.795		160		T.B.M. TOWER #28
	4.869		157			5.635		158		
	4.712		~~304~~ 314	18 ~~05~~ 14		5.477		318		
4	14.607	4.869				16.907	5.636		1.401	SUMMATION OF RUN
						7				B.M. 30-18 TO T.B.M. TOWER #28
										TOTAL BACKSIGHTS +18.266
										TOTAL FORESIGHTS − 21.241
										DIFF IN ELEVATION − 2.975
		18.266					21.241			

F.B. 1364 P.G. 166

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 WINDY-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 2:55 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From T.B.M. TOWER #28 To B.M. 30-18
Date 9-13-54
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
	5.780		158		#5	5.015		158		T.B.M. TOWER # 28
	5.622		159			4.857		157		F.C. BRASS DISK NO NUMBER
	5.463		317			4.700		315		
1	16.865	5.622		317		14.572	4.857		315	
	5.111		147			5.211		149		
	4.964		145			5.062		146		
	4.819		292			4.916		295		
2	14.894	4.965		609		15.189	5.063		610	
	5.178		196			5.761		195		
	4.982		192			5.566		194		
	4.790		388			5.372		389		
3	14.950	4.983		997		16.699	5.566		999	
	5.860		200			2.972		203		B.M. 30-18 (F.C.B.M.
	5.660		202			2.769		203		SAN GAB. RIVER # TOWER # 27
	5.458		402			2.566		406		SEE F.B. 1396-22 FOR DESC.
4	16.978	5.659		1.399		8.307	2.769		1.405	SUMMATION OF RUN
										T.B.M. TOWER # 28 TO B.M.
										TOTAL BACKSIGHTS +21.229
										TOTAL FORESIGHTS -18.255
										DIFF IN ELEVATION +2.974
		~~21.229~~					18.255			

F.B. 1364 P.G. 167

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY-HAZE SUN Inst. No. 50010
Notes by G. E. DREIER Time 3:00 TO 3:25 Rod No. 59

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-18 To T.B.M. TOWER #28
Date 9-13-54
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
	2.980		204		#5	5.867		204		B.M. 30-18
	2.776		205			5.663		203		SAN GABRIEL RIVER & TOWER #27
	2.571		409			5.460		407		SEE F.B. 1396-22
1	8.327	2.776		409	78°	16.990	5.663		407	FOR DESCRIPTION
	5.709		198			5.122		193		
	5.511		195			4.929		191		⊼ E. LAUDA
	5.316		393			4.738		384		
2	16.536	5.512		802		14.789	4.930		791	
	5.200		149			5.100		146		
	5.051		149			4.954		145		
	4.902		298			4.809		291		
3	15.153	5.051		1.100		14.863	4.954		1.082	
	5.064		161			5.824		155		T.B.M. TOWER #28 A.C. BRASS
	4.903		160			5.669		155		DISK NO NUMBER
	4.743		321			5.514		310		
4	14.710	4.903		1.421		17.007	5.669		1.392	
										CONTINUATION OF RUN
										B.M. 30-18 TO T.B.M. TOWER #28
										TOTAL BACKSIGHTS + 18.242
										TOTAL FORESIGHTS − 21.216
										DIFF IN ELEVATION − 2.974
		18.242					21.216			

F.B. 1364 P.G. 168

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Overcast Inst. No. 50010
Notes by E. Landa Time 8:30 to 10:00 Rod No. 5[illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-30 To B.M. 30-20
Date 9-14-54
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
	3594		135		#5	4753		128		B.M. 8-30
	3459		137			4625		127		San Gabriel River & Spring St
	3322		272			4497		255		See F.B. 1209-24
1	10375	3.458		272	690	13876	4.625		255	for description
	5093		182			5160		214		
	4911		183			4946		214		⊼ G.E. Dreier
	4728		365			4732		428		
2	14732	4.911		637		14838	4.946		683	
	4855		203			6349		202		
	4652		204			6147		202		
	4448		407			5945		404		
3	13955	4.652		1044		18441	6.147		1087	
	5478		193			5809		178		
	5285		194			5631		178		
	5091		387			5453		356		
4	15854	5.285		1431		16893	5.631		1443	
										B.M. 30-21
										San Gabriel River Tower #32
										See F.B. 1392-24
										for description
		18306					21349			

F.B. 1364 P.G. 169

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Overcast Inst. No. 50010
Notes by E. Lamb Time 8:30 To 10:00 Rod No. 5E6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-30 To B.M. 30-20
Date 9-14-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5230	18.30	237	1431		5637	21.349	246	1443	
	4993		234			5393		242		
	4759		471			5151		488		
5	14982	4.994		1902		16183	5.394		1931	
	5368		199			5764		195		
	5169		198			5569		196		
	4971		397			5373		391		
6	15508	5.169		2299		16706	5.569		2322	
	5785		221			6632		193		
	5564		219			6439		195		
	5345		440			6244		388		
7	16694	5.565		2739		19315	6.438		2710	
		34.034					38.750			T.B.M. Tower #31
										Fla. Disk No Number
	6232		247			5515		253		
	5985		246			5262		254		
	5739		493			5008		507		
8	17956	5.985		3232		15785	5.262		3217	
		40.019					43.012			

F.B. 1364 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 Hazy Sun Inst. No. 50010
Notes by E. Lands Time 8:30 To 10:00 Rod No. 56

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-30 To B.M. 30-20
Date 9-14-54
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
	5550	40.019	208	3232		5409	44.012	208	3217	
	5342		208			5201		209		
	5134		416			4992		417		
9	16026	5.342		3648		15602	5.201		3634	
	5445		92			5652		198		B.M. 30-20 F.C. 72-BC
	5353					5454		196		San Gabriel River Tower #30
	5322		392			5258		394		See F.B. 1396-22
10	16350	5.538		4031	69°	16364	5.455		4028	for description
									4031	
									8059	
										Summation of Run
										Total Backsights = + 50.944
										Total Foresights = − 54.668
										Diff. in Elev = − 3.724
										B.M. 8-30 To B.M. 30-21 = − 3.043
										B.M. 30-21 To Tower #31 = − 1.673
										Tower #31 To B.M. 30-20 = + 0.992
		50.944					54.668			

F.B. 1364 P.G. 171

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. 1364 P.G. 172										

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: E. Landa Time: 10:10 To 10:45 Rod No. 5 & 6

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: T.B.M. TW 31 To: B.M. 8-30
Date: 9-14-54
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
	6525 6347 6150		198 197 395		#5	5688 5468 5248		220 220 440		T.B.M. Tower #31 Fig. Disk No Number
1	19042	6.342		395	68°	16404	5.468		440	
	5753 5549 5346		204 203 407			5334 5146 4788		188 358 359		T G.E. Dreier
2	16648	5.549		802		15441	5.147		819	
	5742 5500 5259		242 241 483			5333 5096 4859		237 237 474		
3	16501	5.500		1285		15288	5.096		1293	
		17396					15.711			B.M. 30-21 F.C. San Gabriel River TW #32 See F.B. 1396-24 for description
	5811 5632 5451		185 181 366			5478 5294 5104		182 184 374		
4	16900	5.633		1651		15876	5.292		1664	
		23.029					21.003			

F.B. 1364 P.G. 123

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: E. Lanck Time: 10:10 To 10:45 Rod No.: 5 & 6

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: T.B.M. Tower #31 To: B.M. 8-30
Date: 9-14-54
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
	6350	23.029	204	1651		4839	21.003	201	1664	
	6146		203			4638		202		
	5943		207			4436		203		
5	18439	6.146		2058		13915	4.638		2067	
	5258		213			5200		189		
	5045		211			5020		185		
	4834		424			4835		372		
6	15137	5.046		2482		15062	5.021		2439	
	4207		102			3060		122		B.M. 8-30
	4105		102			2938		124		San Gabriel River & Spring St
	4003		204			2814		246		See F.B. 1209-27
7	12315	4.105		2682	70°	8812	2.937		2685	for description
										Summation of Run
										Total Backsights = + 38.326
										Total Foresights = − 33.599
										Diff. in Elev = + 4.727
						T.B.M. Tower #31 To				B.M. 30-21 = + 1.685
						B.M. 30-21 To				B.M. 8-30 = + 3.042
	38.326					33.599				

F.B. 1364 P.G. 174

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 3:00 TO 3:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-30 To B.M. 8-31 RESET 1952
Date 9-10-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.513		061		#5	0.840		070		B.M. 8-30 (F.C.B.M. 73-33T)
	4.452		059			0.770		070		SPRING ST. & SAN GAB RIVER
	4.393		120			0.700		140		AT TOWER # 33
1	13.358	4.453		120	75°	2.310	0.770		.140	SEE F.B. 1209-27 FOR DESC.
	11.247		194			2.470		197		T E. LANDA
	11.053		195			2.273		194		
	10.858		389			2.079		391		SUMMATION OF RUN
2	33.158	11.053		509		6.822	2.274		.531	TOTAL BACKSIGHTS + 24.486
	6.435		098			5.118		096		TOTAL FORESIGHTS - 19.509
	6.337		097			5.022		093		DIFF. 8-30 TO 8-31 RESET + 4.977
	6.240		195			4.929		189		" 8-30 TO ARTESIA B-11 +13.776
3	19.012	6.337		.704		15.069	5.023		.720	" ARTESIA B-11 TO 8-31 RESET - 8.799
		21.843					8.067			ARTESIA B-11 1954
										SPRING ST & SAN GAB RIVER SW. COR.
										STD. Δ MON & COVER FT. W OF W. END BRIDGE & FT. S. OF S. C. LINE
	2.760		118			11.552		110		B.M. 8-31 RESET (J-51 RESET 1952)
	2.642		115			11.442		110		SPRING ST & SAN GAB. RIVER N.W. COR.
	2.527		233			11.332		220		SEE F.B. 1396-24 & 25 AND
4	7.929	2.643		.937		34.326	11.442		.940	1209-27 FOR DESCRIPTION
		24.486					19.509			

F.B. 1364 P.G. 175

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 3:30 TO 3:45 Rod No. 5 #6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-31 RESET To B.M. 8-30
Date 9-10-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.830		110		#5	3.038		118		B.M. 8-31 RESET (J-51 RESET 1952)
	11.720		109			2.920		116		SPRING ST & SAN GAB. RIVER
	11.611		219			2.804		234		SEE F.B. 1396-24 & 25
1	35.161	11.720		.219	75°	8.762	2.921		.234	FOR DESCRIPTION
										ARTESIA B-11 1954
										SPRING ST. & SAN GAB. RIVER S.W. COR.
										STD. △ MON. & COVER FT. W. OF W.
										END OF BRIDGE & FT. S. OF S. CURB LINE
	4.942		095			6.260		098		
	4.847		096			6.162		094		SUMMATION OF RUN
	4.751		191			6.068		192		TOTAL BACKSIGHTS +19.809
2	14.540	4.847		.410		18.490	6.163		.426	TOTAL FORESIGHTS -24.790
	2.671		196			11.449		196		DIFF 8-31 RESET TO 8-30 -4.981
	2.475		195			11.253		193		" 8-31 " TO ARTESIA B-11 +8.799
	2.280		391			11.060		389		" ARTESIA B-11 TO 8-30 -13.780
3	7.426	2.475		.801		33.762	11.254		.815	
	0.833		066			4.515		064		B.M. 8-30 (F.C. B.M. 73-33T)
	0.767		067			4.451		062		SPRING ST. & SAN GAB. RIVER
	0.700		133			4.389		126		TOWER #33
4	2.300	0.767		.934		13.355	4.452		.941	SEE F.B. 1209-27 FOR DESC.
		19.809					24.790			

F.B. 1364 P.G. 176

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: WINDY-HAZE Inst. No. 50010
Notes by: G. E. DREIER Time: 2:10 TO 3:40 Rod No. 5 & 6

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 8-31 RESET 1952 To: B.M. 8-32
Date: 9-14-54
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.481		194		#5	9.097		204		B.M. 8-31 RESET (U.S. 2189 J-51) RESET 1952
	11.287		192			8.893		202		SPRING ST. & SAN GABRIEL RIVER
	11.095		386			8.691		406		SEE F.B. 1396 - & 1209 -
1	33.863	11.288		386	78°	26.681	8.894		.406	FOR DESCRIPTION
	2.002		193			8.543		189		
	1.809		189			8.354		186		⊼ E. LANDA
	1.620		382			8.168		375		
2	5.431	1.810		.768		25.065	8.355		.781	
	3.949		202			5.901		201		
	3.747		201			5.700		201		
	3.546		403			5.499		402		
3	11.242	3.747		1.171		17.100	5.700		1.183	
	4.781		190			5.339		191		
	4.591		188			5.148		191		
	4.403		378			4.957		382		
4	13.775	4.592		1.549		15.444	5.148		1.565	
	4.748		197			5.394		195		
	4.551		195			5.199		197		
	4.356		392			5.002		392		
5	13.655	4.552		1.941		15.595	5.198		1.957	
			2.598					3.329		

F.B. 1364 P.G. 177

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 2:10 TO 3:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-31 RESET To B.M. 8-32
Date 9-14-54
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
	4733	25.959	144	1.941		4980	23.295	145	1.957	
	4589		147			4835		144		SUMMATION OF RUN
	4442		291			4691		289		TOTAL BACKSIGHTS + 40.305
6	13764	4.588		2.232		14506	4.835		2.246	TOTAL FORESIGHTS - 47.015
	4994		123			4000		121		DIFF 8-31 TO 8-30 - 6.710
	4871		120			3879		121		DIFF. 8-31 TO F.C. 73-510A - 6.560
	4751		243			3758		242		F.C. 73-510A TO 8-32 - 0.150
7	14616	4.872		2.475		11637	3.879		2.488	
		35.449					42.009			F.C. B.M. 73-510A
										SPRING ST. E. OF STUDEBAKER RD
										AT CITY OF L.B. WELL WISE NO. 1
										N.W. END OF GATE FOOTING
	4904		049			5061		054		B.M. 8-32 (W.S. 3968 A-779)
	4855		047			5007		056		SPRING ST., E. OF STUDEBAKER RD.
	4808		096			4951		110		AT CITY OF L.B. WELL WISE NO 1
8	14567	4.856		2.571		15019	5.006		2.598	SEE F.B. 1209-28 FOR DESC.
										- 42.009 5.006
										+ 35.449 4.856
										- 6.560 .150
		40.305					47.015			

F.B. 1364 P.G. 178

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-32 To B.M. 8-31 RESET 1952
Date 9-14-54
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	5.097 5.038 4.978 15.113	5.038	059 060 119	119	#5	4.931 4.886 4.839 14.656	4.885	045 047 092	.092	B.M. 8-32 (U.S. 3908 A-779) SPRING ST, E. OF STUDEBAKER RD AT CITY LONG BEACH WELL WISE No 1 SEE F.B. 1209-28 FOR DESC.
										B.M. F.C. B.M. 73-510 A SPRING ST, E. OF STUDEBAKER RD. AT CITY OF L.B. WELL WISE No 1 IN W. END OF GATE FOOTING
2	4.103 3.987 3.870 11.960	3.987	116 117 233	.352		5.110 4.979 4.851 14.940	4.980	131 128 259	.351	⊼ E. LANDA.
3	5.131 4.989 4.847 14.967	4.989	142 142 284	.636		4.884 4.741 4.596 14.221	4.740	143 145 288	.639	5.028 4.885 4.743
4	5.406 5.210 5.016 15.632	5.211	196 194 390	1.026		4.759 4.563 4.368 13.690	4.563	196 195 391	1.030	
		19.225					19.168			

F.B. 1364 P.G. 179

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 WINDY-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:10 Rod No. 5 86

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-32 To BM 8-31 RESET 1952
Date 9-14-54
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
	5.386	5.225	194	1.026		4.831	4.643	188	1.030	
	5.192		191			4.643		190		SUMMATION OF RUN
	5.001		1385			4.453		378		TOTAL BACKSIGHTS +47226
5	15.579	5.193		1.411		13.927	4.642		1.408	TOTAL FORESIGHTS -40.515
	6.143		204			4.188		201		DIFF. 8-32 TO 8-31 +6.711
	5.939		200			3.987		201		" 8-32 TO F.C. 73-510A 0.153
	5.739		404			3.786		402		F.C. 73-510A TO 8-31 6.558
6	17.821	5.940		1.815		11.961	3.987		1.810	
	8.613		189			2.073		193		
	8.424		185			1.880		191		
	8.239		374			1.689		382		
7	25.276	8.425		2.189		5.642	1.881		2.194	
	8.647		204			11.031		194		B.M. 8-31 (U.S. 2189 J-51 RESET 1952)
	8.443		203			10.837		193		SPRING ST. & SAN GAB. RIVER
	8.240		407			10.644		~~2.87~~ 387	2581 ~~2.481~~	SEE F.B. 1364-24,25 & 1209-27
8	25.330	8.442		2.596	78°	32.512	10.837			FOR DESCRIPTION

F.B. 1364 P.G. 180

47226 40515

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 A. D. SMITH Time 2:30 TO 2:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-32 To B.M. 8-33
Date 9-15-54
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
	3.970		.201		A5	5.071		.195		B.M. 8-32 (U.S. 3908 A-779)
	3.769		.199			4.876		.196		SPRING ST. E. OF STUDEBAKER RD.
	3.570		.400			4.680		.391		AT WELL
1	11.309	3.770		.400	79°	14.627	4.876		.391	SEE F.B. 1209-28 FOR DESC
	4.989		.197			4.983		.192		
	4.794		.193			4.791		.191		
	4.601		.384			4.600		.383		↑ E. LANDA
2	14.384	4.795		.784		14.374	4.791		.774	
	5.471		.221			6.767		.211		B.M. 8-33
	5.250		.220			6.556		.209		SPRING ST. & STUDEBAKER RD.
	5.030		.441			6.347		.420		SEE F.B. 1209-28
3	15.751	5.250		1.225	79°	19.670	6.557		1.194	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 8-32 TO B.M. 8-33
										TOTAL BACKSIGHTS + 13.815
										TOTAL FORESIGHTS - 16.224
										DIFF. IN ELEVATIONS - 2.409
		13.815					16.224			

F.B. 1364 P. 181

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 A. D. SMITH Time 2:45 TO 3:00 Rod No. 516

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-33 To B.M. 8-32
Date 9-15-54
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
	6.796		.216			5.490		.218		B.M. 8-33
	6.580		.214			5.272		.215		SPRING ST. & STUDEBAKER RD
	6.366		.430			5.057		.433		SEE F.B. 1209-28
1	19.742	6.581		.430	79°	15.819	5.273		.433	FOR DESCRIPTION
	4.993		.193			5.002		.194		
	4.800		.192			4.808		.193		
	4.608		.385			4.615		.387		A. E. LANDA
2	14.401	4.800		.815		14.425	4.808		.820	
	5.248		.197			4.142		.199		B.M. 8-32 (U.S. 3908 A779)
	5.051		.193			3.943		.200		SPRING ST. S. OF STUDEBAKER RD
	4.858		.390			3.743		.399		AT WELL
3	15.157	5.052		1.205	79	11.828	3.943		1.219	SEE F.B. 1209-28 FOR DESC.
										SUMMATION OF RUN
										B.M. 8-33 TO B.M. 8-32
										TOTAL BACKSIGHTS + 16.433
										TOTAL FORESIGHTS - 14.024
										DIFF IN ELEVATIONS + 2.409
	16.433					14.024				

F.B. 1364 P.G. 182

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER
Notes by: G. E. DREIER
Weather: THIN CLOUDS
Time: 8:30 TO 9:10
Inst. No.: 50010
Rod No.: 586

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 8-33 To: B.M. 8-34
Date: 9-16-54
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	7.157 6.965 6.777 20.899	6.966	192 188 380	.380	75 66°	5.182 4.986 4.791 14.959	4.986	196 195 391	.391	B.M. 8-33 SPRING ST & STUDEBAKER RD SEE F.B. 1364-28 FOR DESCRIPTION
2	5.300 5.107 4.914 15.321	5.107	193 193 386	.766		5.567 5.673 5.480 11.020	5.673	194 193 387	.778	E. LANDA
3	5.250 5.059 4.866 16.175	5.058	191 193 384	1.150		5.732 5.537 5.345 16.614	5.537	193 194 387	1.165	
4	5.230 5.038 4.842 15.110	5.037	192 196 388	1.538		5.817 5.621 5.429 16.867	5.622	196 192 388	1.553	
5	5.100 4.906 4.712 14.718	4.906	194 194 388	1.926		5.213 5.020 4.830 15.063	5.021	193 190 383	1.936	
		27.074					26.841			

F.B. 1364 P.G. 183

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 8:50 TO 9:10 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-33 To B.M. 8-34
Date 9-16-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.770	5.574	193	1.926		4.921	4.841	193	1.936	
	5.577		196			4.731		191		
	5.381		389			4.540		38		
6	16.728	5.576		2.315		14.193	4.732		2.220	
	5.194		198			4.757		198		
	4.996		197			4.559		195		
	4.799		390			4.364		373		
7	14.989	4.996		2.710		13.680	4.553		2.713	
	5.091		194			4.543		196		SUMMATION OF RUN
	4.897		195			4.346		192		B.M. 8-33 TO B.M. 8-34
	4.702		389			4.152		388		TOTAL BACKSIGHTS + 53.418
8	14.690	4.897		3.099		13.036	4.345		3.101	TOTAL FORESIGHTS - 51.554
	5.599		157			5.226		158		DIFF IN ELEVATION +1.864
	5.442		152			5.068		158		
	5.290		309			4.908		312		
9	16.231	5.414		3.408		15.190	5.063		3.473	
	5.593		163			6.184		164		B.M. 8-34
	5.430		160			6.020		163		SPRING ST & PALOVERDE AVE
	5.270		323			5.857		327		SEE F.B. 1209-29
10	16.293	5.431		3.731		18.061	6.020		3.740	FOR DESCRIPTION
	53.418					51.554				

F.B. 1364 P.G. 84

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 SCATTERED CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 9:10 TO 10:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-34 To B.M. 8-53
Date 9-16-54
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
	5.131		163		#5	5.539		162		B.M. 8-34
	5.768		165			5.377		162		SPRING ST. & PALO VERDE AVE
	5.803		328			5.215		324		SEE F.B. 1209-29
1	17.702	5.967		.328	69°	16.131	5.377		.324	FOR DESCRIPTION
	5.212		154			5.595		156		
	5.058		157			5.439		154		⊼ E. LANDA
	4.901		311			5.285		310		
2	15.171	5.057		.639		16.319	5.440		.634	
	4.538		196			5.088		196		
	4.342		192			4.892		193		
	4.150		388			4.699		389		
3	13.030	4.343		1.027		14.679	4.893		1.023	
	4.751		196			5.200		200		
	4.555		196			5.000		199		
	4.359		392			4.801		399		
4	13.665	4.555		1.419		15.001	5.000		1.422	
	4.882		191			5.732		195		
	4.691		192			5.537		195		
	4.499		383			5.342		390		
5	14.072	4.691		1.802		16.611	5.537		1.812	
		24.613					26.247			

F.B. 1364 P.G. 185

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 SCATTERED CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 9:10 TO 11:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-33 To B.M. 8-34
Date 9-16-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.190	24.613	191	1.802		5.078	26.247	196	1.812	
	4.999		190			4.882		192		
	4.809		381			4.690		388		
6	14.998	4.999		2.183		14.650	4.883		2.200	
	5.819		191			5.232		193		
	5.628		195			5.039		97		
	5.433		386			4.842		390		
7	16.880	5.627		2.569		15.113	5.038		2.590	
	5.832		194			5.342		192		SUMMATION OF RUN
	5.638		196			5.150		191		B.M. 8-34 TO B.M. 8-33
	5.442		390			4.959		~~388~~		TOTAL BACKSIGHTS + 51.482
8	16.912	5.637		2.959		15.451	5.150	383	2.975	TOTAL FORESIGHTS - 53.336
	5.853		193			5.289		196		DIFF IN ELEVATION - 1.854
	5.661		191			5.093		193		
	5.469		384			4.900		389		
9	16.982	5.661		3.343		15.282	5.094		3.364	
	5.145		200			7.111		188		B.M. 8-33
	4.945		201			6.923		184		SPRING ST. & STUDEBAKER RD.
	4.744		401			6.739		372		SEE F.B. 1209-28
10	14.834	4.945		3.744		20.773	6.924		3.734	FOR DESCRIPTION
		51.482					53.336			

F.B. 1364 P.G. 186

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 Part Cloudy Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-34 To B.M. 8-35
Date 9-16-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.335		200			4.969		201		BM 8-34
	5.135		198			4.768		198		SPRING ST. & PALO VERDE AVE
	4.937		398			4.570		399		SEE F.B. 1209-29
1	15.407	5.136		398		14.307	4.769		.399	FOR DESCRIPTION
	5.208		199			4.679		190		
	5.009		198			4.489		187		π E. LANDA
	4.811		397			4.300		379		
2	15.028	5.009		.795		13.468	4.489		.778	
	5.264		196			4.826		203		
	5.068		198			4.623		200		
	4.870		394			4.423		403		
3	15.202	5.067		1.189		13.872	4.624		1.181	
	5.200		199			4.823		197		
	5.001		197			4.636		196		
	4.804		396			4.440		393		
4	15.005	5.002		1.585		13.907	4.636		1.574	
	5.224		200			5.732		194		
	5.024		200			5.539		197		
	4.824		400			5.342		391		
5	15.072	5.024		1.985		16.614	5.538		1.965	
		25.238					24.056			

F.B. 1364 P.G. 187

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 10:00 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-34 To B.M. 8-35
Date 9-16-54
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
	5146	25.238	201	1985		5720	4.056	196	1965	
	4.945		200			5.524		193		
	4.745		401			5.331		389		
6	14.836	4.945		2386		16.575	5.525		2354	
	5269		191			4.[illegible]		211		
	5078		190			4.538		210		
	4.888		381			4.328		421		
7	15235	5.078		2767		13.615	4.538		2775	
	5427		179			5.475		179		
	5.248		179			5.29[illegible]		179		
	5.069		358			5.120		358		
8	15744	5.248		3125		15.897	5.299		3133	
	5.012		195			5.130		190		
	4.817		195			4.940		189		
	4.622		390			4.751		379		
9	14.451	4.817		3515		14.821	4.940		3512	
	4866		202			4.453		195		
	4.664		198			4.258		197		
	4.466		400			4.061		392		
10	13.996	4.665		3915		12.772	4.257		3904	
	49.991					48.615				

F.B. 1364 P.G. 188

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 10:00 TO 11:35 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-34 To B.M. 8-35
Date 9-16-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.900	49.991	194	3.915		4.319	48.615	197	3.904	
	4.706		193			4.122		194		SUMMATION OF RUN
	4.513		387			3.928		391		B.M. 8-34 TO B.M. 8-35
11	14.119	4.706		4.302		12.369	4.123		4.295	TOTAL BACKSIGHS + 67.888
	5.322		197			4.791		193		TOTAL FORESIGHTS - 68.273
	5.125		195			4.598		194		DIFF IN ELEVATION - 0.385
	4.930		1392			4.404		387		
12	15.377	5.126		4.694		13.793	4.598		4.682	
	4.820		169			5.045		167		
	4.651		169			4.878		169		
	4.482		338			4.709		336		
13	13.953	4.651		5.032		14.632	4.877		5.018	
	3.583	64.494	168			6.233	62.213	173		B.M. 8-35
	3.415		171			6.060		174		SPRING ST & LOMINA AVE
	3.244		332	71		5.886		347		SEE F.B. 1209-30
14	10.242	3.414		95.364	73°	18.179	6.060		5.365	FOR DESCRIPTION

67.888 68.273

F.B. 1364 P.G. 189

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
F.B. 1364 P.G. 190										

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
Notes by: G. E. DREIER
Weather: HAZE-SUN
Time: 1:00 TO 3:15
Inst. No.: 50010
Rod No.: 580

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 8-35 To: B.M. 8-34
Date: 9-16-54
Indexed: A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.276		176		#5	3.630		171		B.M. 8-35
	6.100		172			3.459		168		SPRING ST & LOMINA AVE.
	5.928		348			3.291		339		SEE F.B. 1209-30
1	18.304	6.101		348	73°	10.380	3.460		339	FOR DESCRIPTION
	4.962		166			4.741		168		
	4.796		169			4.573		170		
	4.627		335			4.403		338		
2	14.375	4.795		683		13.717	4.572		677	T. E. LANDA
	4.899		191			5.341		197		
	4.620		192			5.144		194		
	4.428		383			4.950		391		
3	13.859	4.620		1066		15.435	5.145		1,068	
	4.311		195			4.897		195		
	4.116		196			4.702		192		
	3.920		391			4.510		387		
4	12.347	4.116		1.457		14.109	4.703		1,455	
	4.459		196			4.872		200		
	4.263		194			4.672		200		
	4.069		390			4.472		400		
5	12.791	4.264		1.847		14.016	4.672		1.855	
		23.896					22.552			

F.B. 1364 P.G. 191

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 WINDY - HAZE Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 3:15 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-35 To B.M. 8-34
Date 9-16-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.137	23.896	189	1.847		5.018	22.552	196	1.855	
	4.948		189			4.822		192		
	4.759		378			4.630		388		
6	14.844	4.948		2.225		14.470	4.823		2.243	
	5.336		178			5.282		178		
	5.158		178			5.104		176		
	4.980		356			4.928		354		
7	15.474	5.158		2.581		15.314	5.105		2.597	
	4.771		210			5.293		193		
	4.561		209			5.100		193		
	4.352		419			4.907		386		
8	13.684	4.561		3.000		15.300	5.100		2.983	
	4.960		197			4.386		201		
	4.763		193			4.185		200		
	4.570		390			3.985		401		
9	14.293	4.764		3.390		12.556	4.185		3.384	
	4.921	45.327	197			4.418	44.763	199		
	4.724		194			4.219		198		
	4.530		391			4.021		397		
10	14.175	4.725		3.781		12.658	4.219		3.781	
	48.052					45.984				

F.B. 1364 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 WINDY-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 3:15 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-35 To B.M. 8-34
Date 9-16-54
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
	4.799	48.052	199	3.781		5.163	45.984	198	3.781	
	4.600		198			4.965		196		
	4.402		397			4.769		394		SUMMATION OF RUN
11	13.801	4.600		4.178		14.897	4.966		4.175	B.M. 8-35 TO B.M. 8-34
	4.783		201			5.228		197		TOTAL BACKSIGHTS +66.497
	4.582		200			5.031		194		TOTAL FORESIGHTS -66.125
	4.382		401			4.837		391		DIFF IN ELEVATION 0.372
12	13.747	4.582		4.579		15.096	5.032		4.566	
	4.634		187			5.154		196		
	4.447		188			4.958		196		
	4.259		375			4.762		392		
13	13.340	4.447		4.954		14.874	4.958		4.958	
	5.012		196			5.389		205		BM. 8-34
	4.816		196			5.184		201		SPRING ST. & PALO VERDE AVE
	4.620		392			4.983		406		SEE F.B. 1209-29
14	14.448	4.816		5.346	78°	15.556	5.185		5.364	FOR DESCRIPTION

F.B. 1364 P.G. 193

66.497 66.125

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. 1364 P.G. 194

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER
Notes by: A. D. SMITH
Weather: HAZY SUN
Time: 8:45 TO 9:15
Inst. No.: 50010
Rod No.: 516

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 6301.02
From: B.M. 8-35 To: B.M. 8-36
Date: 9-17-54
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.492		.186		#5	6.250		.194		B.M. 8-35
	6.306		.187			6.056		.195		SPRING ST. & LOMITA AVE.
	6.119		.373			5.861		.389		SEE F.B. 1209-30
1	18.917	6.306		.373	65°	18.167	6.056		.389	FOR DESCRIPTION
	6.010		.201			5.426		.211		
	5.809		.201			5.215		.209		
	5.608		.402			5.006		.420		⊼ G. E. DREIER
2	17.427	5.809		.775		15.647	5.216		.809	
	5.363		.185			5.925		.198		SPRING ST. & SAN GABRIEL AVE.
	5.178		.185			5.787		.196		L.S. TO S. END OF CENTER
	4.993		.370			5.591		.394		PARKWAY PRINTED B.M.
3	15.534	5.178		1.145		17.363	5.788		1.203	
	6.440	17.293	.202			5.203	17.060	.178		
	6.238		.201			5.025		.177		
	6.037		.403			4.848		.355		
4	18.715	6.238		1.548		15.076	5.025		1.558	
	4.994		.129			4.383		.130		
	4.865		.130			4.253		.128		
	4.735		.259			4.125		.258		
5	14.594	4.865		1.807		12.761	4.254		1.816	
		28.396					26.339			

F.B. 1364 P.G. 195

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 A. D. SMITH Time 8:45 TO 9:15 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-35 To B.M. 8-36
Date 9-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.262	28.39[illegible]	.132	1.807		5.555	26.339	.132	1.816	
	5.130		.132			5.423		.131		
	4.998		.264			5.292		.263		
6	15.390	5.130		2.071		16.270	5.423		2.079	
	5.187		.195			6.566		.194		B.M. 8-36 (CLEARWATER J-11)
	4.992		.193			6.372		.191		SPRING ST. & BELLFLOWER AVE
	4.799		.388			6.181		.385		SEE F.B. 1209-31
7	14.978	4.993		2.459	67°	19.119	6.373		2.464	FOR DESCRIPTION
										SUMMATION OF BOX
										B.M. 8-35 TO B.M. 8-36
										TOTAL BACKSIGHTS + 38.519
										TOTAL FORESIGHTS − 38.135
										DIFF. IN ELEVATIONS + 0.384

F.B. 1364 P.G. 196

38.519 38.135

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 9:20 To 9:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From B.M. 8-36 To B.M. 8-35
Date 9-17-54
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
	6.545		.193		±5	5.163		.193		B.M. 8-36 (CLEARWATER J-11)
	6.352		.192			4.970		.192		SPRING ST. & BELLFLOWER AVE
	6.160		.385			4.778		.385		SEE F.B. 1209-31
1	19.057	6.352		.385	67°	14.911	4.970		.385	FOR DESCRIPTION
	5.673		.132			5.381		.131		
	5.541		.131			5.250		.131		
	5.410		.263			5.119		.262		⊼ G. E. DREIER
2	16.624	5.541		.648		15.750	5.250		.647	
	4.363		.129			4.971		.130		
	4.234		.128			4.841		.130		
	4.106		.257			4.711		.260		
3	12.703	4.234		.905		14.523	4.841		.907	
	5.142	16.127	.187			6.359	15.061	.193		
	4.955		.186			6.166		.194		
	4.769		.373			5.972		.387		
4	14.866	4.955		1.278		18.497	6.166		1.294	
	5.941		.194			5.317		.189		SPRING ST. & SAN ANSELINE AVE.
	5.747		.195			5.128		.190		L & T IN S. END OF CENTER
	5.552		.389			4.938		.379		PARKWAY PAINTED B.M.
5	17.240	5.747		1.667		15.383	5.128		1.673	
		26.829					26.355			

F.B. 1364 P.G. 197

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 9:20 - 9:40 Rod No. 226

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-36 To B.M. 8-35
Date 9-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.399	26.821	.212	1.667		5.979	26.355	.197	1.673	
	5.187		.209			5.782		.199		
	4.978		.421			5.583		.396		
6	15.564	5.188		2.088		17.344	5.781		2.069	
	6.281		.193			6.519		.188		B.M. 8-35
	6.088		.194			6.331		.188		SPRING ST. & LOMITA AVE
	5.894		.387			6.143		.376		SEE F.B. 1209-30
7	18.263	6.084		2.475	69°	18.993	6.331		2.445	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 8-36 TO B.M. 8-35
										TOTAL BACKSIGHTS + 38.105
										TOTAL FORESIGHTS - 38.467
										DIFF. IN ELEVATIONS - 0.362
	38.105					38.467				

F.B. 1364 P.G. 198

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:20 TO 11:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. B-35 To B.M. B-36
Date 9-17-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.498		.188		#5	6.264		.194		B.M. B-35
	6.310		.187			6.070		.194		SPRING ST. & LOMINA AVE.
	6.123		.375			5.876		.388		SEE F.B. 1209-30
1	18.931	6.310		.375	69°	18.210	6.070		.388	FOR DESCRIPTION
	5.858		.202			5.277		.210		SPRING ST. & SAN ANSELINE AVE.
	5.656		.199			5.067		.209		L & T IN S. END OF CENTER
	5.457		.401			4.858		.419		PARKWAY PAINTED B.M.
2	16.971	5.657		.776		15.202	5.067		.807	
	5.233	4.957	.191			5.858	4.137	.194		
	5.042		.189			5.664		.193		
	4.853		.380			5.471		.387		N G. E. DREIER
3	15.128	5.043		1.156		16.993	5.664		1.194	
	6.289		.197			5.069		.187		
	6.092		.199			4.882		.184		
	5.899		.390			4.698		.371		
4	18.280	6.093		1.546		14.649	4.883		1.565	
	4.951		.133			4.337		.129		
	4.818		.133			4.208		.128		
	4.685		.266			4.080		.257		
5	14.454	4.818		1.812		12.625	4.208		1.822	
		27.921					25.892			

F.B. 1364 P.G. 198

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by A. D. SMITH Time 10:20 TO 11:00 Rod No. 596

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-35 To B.M. 8-36
Date 9-17-54
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
	5.281	27.951	131	1.812		5.580	25.892	133	1.822	
	5.150		131			5.447		133		
	5.019		262			5.314		266		
6	15.450	5.150		2.074		16.341	5.447		2.088	
	4.945		193			6.322		191		B.M. 8-36 (CLEARWATER J-11)
	4.750		193			6.131		191		SPRING ST. & BELLFLOWER AVE.
	4.557		386			5.940		382		SEE F.B. 1209-31
7	14.252	4.751	8	2.466		18.393	6.131		2.470	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 8-35 TO B.M. 8-36
										TOTAL BACKSIGHTS + 37.822
										TOTAL FORESIGHTS - 37.470
										DIFF. IN ELEVATIONS + 0.352
		37.822					37.470			

F.B. 1364 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. F. DREIER Time 11:00 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-36 To B.M. 8-35
Date 9-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.376		192		#5	4.998		196		B.M. 8-36 (CLEARWATER J-11)
	6.184		189			4.802		192		SPRING ST. & BELLFLOWER BLVD.
	5.995		381			4.610		388		SEE F.B. 1209-31
1	18.555	6.185		381		14.410	4.803		388	FOR DESCRIPTION
	5.423		132			5.130		131		
	5.291		131			4.999		130		
	5.160		263			4.869		261		↑ E. LANDA
2	15.874	5.291		.644		14.998	4.999		.649	
	4.381		128			4.993		133		
	4.253		125			4.860		131		
	4.128		253			4.729		264		
3	12.762	4.254		.897		14.582	4.861		.913	
	5.070		189			6.288		194		
	4.881		185			6.094		192		
	4.696		374			5.902		386		
4	14.647	4.882		1.271		18.284	6.095		1.299	
	5.854		194			5.232		189		SPRING ST. & SAN ANSELINE AVE
	5.660		190			5.043		190		L.&T. IN S. END OF CENTER
	5.470		384			4.853		379		PARKWAY PAINTED B.M.
5	16.984	5.661		1.655		15.128	5.043		1.678	
		26.273					25.501			

F.B. 1364 P.G. 201

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 11:00 TO 11:40 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-36 To B.M. 8-35
Date 9-17-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.300	26.273	211	1655		5.862	25.801	201	1.678	
	5.089		209			5.682		202		
	4.880		420			5.480		403		
6	15.269	5.090		2.075		17.045	5.682		2081	
	6.183		193			6.420		188		B.M. 8-35
	5.990		191			6.232		189		SPRING ST. & LOMINA AVE.
	5.799		384			6.043		377		SEE F.B. 1209-30
7	17.972	5.99		2.459	78°	18.695	6.232		2.458	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 8-36 TO B.M. 8-35
										TOTAL BACKSIGHTS + 37.354
										TOTAL FORESIGHTS − 37.715
										DIFF IN ELEVATION − 0.361
			37.354					37.715		

F.B. 1364 P.G. 202

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 3:30 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-36 To B.M. 8-37
Date 9-17-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5317		209			4.817		220		B.M. 8-36 (CLEARWATER J-11)
	5.108		208			4.597		218		SPRING ST. & BELLFLOWER BLVD
	4.960		417			4.379		438		SEE F.B. 1209-31
1	15325	5.108		.417		13.793	4.598		.438	FOR DESCRIPTION
	5836		217			5246		211		
	5.619		215			5.035		211		
	5404		432			4.824		422		
2	16.859	5.620		849		15105	5.035		.860	
	5.612		212			5.141		217		
	5.400		211			4.924		214		
	5189		423			4.710		431		
3	16.201	5.400		1.272		14.775	4.925		1.291	
	5540		212			5.644		218		
	5.328		212			5.431		213		
	5.116		424			5.218		428		
4	15.984	5.328		1.696		16.293	5.431		1.716	
	6562		223			3852		212		
	6.339		219			3.640		209		
	6.120		442			3.431		421		
5	19.021	6.340		2.138		10.923	3.641		2.137	
		27.796					23.630			

F.B. 1364 P.G. 203

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: WINDY HAZE — Inst. No. 50010
Notes by: G. E. DREIER — Time: 2:00 TO 3:30 — Rod No. 5&6

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 8-36 To: B.M. 8-37
Date: 9-17-54
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.237	27.796	135	2.138		5.359	23.630	152	2.137	T.B.M. CHARLEMAGNE AVE & SPRING ST., L.& T. IN
	3.102		131			5.207		152		E. END OF CENTER PARKWY
	2.971		266			5.055		304		SEE LINE # 32
6	9.310	3.103		2.404		15.621	5.207		2.441	
	5.419	30.899	140			5.130	28.837	135		30.899
	5.279		138			4.995		134		28.837
	5.141		278			4.861		269		+ 2.062
7	15.839	5.280		2.682		14.986	4.995		2.710	
	5.680		215			5.910		211		SUMMATION OF RUN
	5.465		213			5.699		211		TOTAL BACKSIGHTS + 51.992
	5.252		428			5.488		422		TOTAL FORESIGHTS − 50.267
8	16.397	5.466		3.110		17.097	5.699		3.132	DIFF 8-36 TO 8-37 + 1.725
	6.324		214			5.407		212		" 8-36 TO T.B.M. + 2.062
	6.110		213			5.195		213		" T.B.M. TO 8-37 − 0.337
	5.897		427			4.982		425		
9	18.331	6.110		3.537		15.584	5.195		3.557	
	4.457		220			5.761		221		B.M. 8-37
	4.237		219			5.540		218		SPRING ST. & CLARK AVE.
	4.018		439			5.322		439		SEE F.B. 1209-32
10	12.712	4.237		3.976		16.623	5.541		3.996	FOR DESCRIPTION
		51.992					50.267			

F.B. 1364 P.G. 204

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather LIGHT FOG Inst. No. 50010
Notes by G. E. DREIER Time 8:20 TO Rod No. 5.86

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-37 To B.M. 8-36
Date 7-20-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.325		229		#5	5.017		219		B.M. 8-37
	6.096		226			4.798		218		SPRING ST. & CLARK AVE
	5.870		455			4.580		437		SEE F.B. 1209-32
1	18.291	6.097		455	62°	14.395	4.798		437	FOR DESCRIPTION
	5.420		215			6.330		211		
	5.205		215			6.119		208		π E. LANDA
	4.990		430			5.911		419		
2	15.615	5.205		.885		18.360	6.123		.856	
	5.939		210			5.709		215		+ 22.044
	5.729		209			5.494		214		- 21.708
	5.520		419			5.280		429		+ 0.336
3	17.188	5.729		1.304		16.483	5.494		1.285	
	5.149		137			5.432		135		T.B.M. SPRING ST. &
	5.012		133			5.297		137		CHARLEMAGNE AVE.
4	4.879		270			5.160		272		L.C.T. IN E. END OF MIDDLE
4	15.040	5.013		1.574		15.889	5.296		1.557	PARKWAY SEE LINE #32
	5.213	22.044	144			3.105	21.708	137		
	5.069		148			2.968		138		
	4.921		292			2.830		275		
5	15.203	5.068		1.866		8.903	2.968		1.832	
			27.112					24.676		

F.B. 1364 P.G. 205

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather LIGHT FOG Inst. No. 50010
Notes by G. E. DREIER Time 8:20 TO 9:20 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-37 To B.M. 8-36
Date 9-20-54
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
	4.189	27.112	209	1.866		6.902	24.676	225	1.832	
	3.980		209			6.677		224		
	3.771		418			6.453		449		
6	11.940	3.980		2284		20.032	6.677		2281	
	5.705		214			5.600		213		
	5.491		212			5.387		211		SUMMATION OF RUN
	5.279		426			5.176		424		TOTAL BACKSIGHTS + 51.944
7	16.475	5.492		2.710		16.173	5.398		2.705	TOTAL FORESIGHTS - 53.676
	5.239		217			5.709		212		DIFF. 8-37 TO 8-36 - 1.732
	5.022		214			5.497		211		" 8-37 TO T.B.M. + 0.336
	4.808		431			5.286		423		" T.B.M. TO 8-36 - 2.068
8	15.069	5.023		3.141		16.492	5.497		3.128	
	5.283		211			5.772		214		
	5.072		211			5.558		213		
	4.861		422			5.345		427		
9	15.216	5.072		3.563		16.675	5.558		3.555	
	5.484		220			6.082		212		B.M. 8-36 (CLEARWATER J-11)
	5.264		216			5.870		213		SPRING ST. & BELLFLOWER BLVD
	5.048		436			5.657		425		SEE F.B. 1209-31
10	15.796	5.265		3.999	66°	17.609	5.870		3.980	FOR DESCRIPTION
	51.944					53.676				
						66				

F.B. 1364 P.G. 206

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party: G. E. DREIER Weather: HAZE-SUN Inst. No. 50010
Notes by: G.E.DREIER Time: 10.20 TO 11:15 Rod No. 5&6

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 8-37 To: B.M. 8-38
Date: 9-20-54
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.574		193		#5	5.447		205		B.M. 8-37
	5.381		192			5.242		202		SPRING ST. & CLARK AVE.
	5.189		385			5.040		407		SEE F.B. 1209-32
1	16.144	5.381		385	73°	15.729	5.243		407	FOR DESCRIPTION
	4.592		197			4.859		202		
	4.395		195			4.657		200		↑ E. LANDA
	4.200		392			4.457		402		
2	13.187	4.396		777		13.973	4.658		809	
	5.060		200			5.183		202		
	4.860		198			4.981		199		
	4.662		398			4.782		401		
3	14.582	4.861		1.175		14.946	4.982		1.210	
	5.103		195			4.480		198		
	4.908		196			4.282		196		
	4.712		391			4.088		392		
4	14.723	4.908		1.566		12.850	4.283		1.602	
	5.254		201			5.106		199		
	5.053		201			4.907		195		
	4.852		402			4.712		394		
5	15.159	5.053		1.968		14.725	4.908		1.996	
		24.599					24.074			

F.B. 1364 P.G. 207

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:20 to 11:15 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-37 To B.M. 8-38
Date 9-20-54
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
	4.828	24.599	200	1.968		5.049	24.074	195	1.996	
	4.628		201			4.854		193		
	4.427		401			4.661		388		
6	13.883	4.628		2.369		14.564	4.855		2.384	
	5.630		206			5.012		200		
	5.424		205			4.812		200		SUMMATION OF RUN
	5.219		411			4.612		400		B.M. 8-37 TO B.M. 8-38
7	16.273	5.424		2.780		14.436	4.812		2.784	TOTAL BACKSIGHTS + 50.721
	5.617		203			4.990		200		TOTAL FORESIGHTS - 47.663
	5.413		202			4.790		202		DIFF IN ELEVATION + 3.058
	5.211		405			4.589		406		
8	16.241	5.414		3.185		14.379	4.792		3.190	
	5.351		200			4.510		200		
	5.151		201			4.310		199		
	4.950		401			4.111		399		
9	15.452	5.151		3.586		12.931	4.310		3.589	
	5.658		154			4.991		171		B.M. 8-38
	5.504		150			4.820		170		SPRING ST. & LAKEWOOD BLVD.
	5.354		304			4.650		341		SEE F.B. 1209-33
10	16.516	5.505		3.890		14.461	4.820		3.930	FOR DESCRIPTION
	50.721					47.663				

F.B. 1364 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 HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:10 TO 12:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-38 To B.M. 8-37
Date 9-20-54
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.023		171			5.691		151		B.M. 8-38
	4.852		170			5.540		149		SPRING ST. & LAKEWOOD BLVD
	4.682		341			5.391		300		SEE F.B. 1209-33
1	14.557	4.852		341		16.622	5.541		.300	FOR DESCRIPTION
	4.651		201			5.491		201		
	4.450		198			5.290		200		
	4.252		399			5.090		401		
2	13.353	4.451		.740		15.871	5.290		.701	
	5.009		202			5.624		203		
	4.807		204			5.421		201		
	4.603		406			5.220		404		
3	14.419	4.806		1.146		16.265	5.422		1.105	
	5.128		195			5.753		209		
	4.933		193			5.544		211		
	4.740		388			5.333		420		
4	14.801	4.934		1.534		16.630	5.543		1.525	
	5.103		199			4.871		192		
	4.904		196			4.679		194		
	4.708		395			4.485		386		
5	14.715	4.905		1.929		14.035	4.678		1.911	
		23.948					26.474			

F.B. 1364 P.G. 209

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 11:15 TO 12:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-38 To B.M. 8-39
Date 9-20-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.240	23.948	198	1.929		5.393	26.474	202	1.911	
	5.042		195			5.191		200		
	4.847		393			4.991		402		
6	15.129	5.043		2.322		15.575	5.192		2.313	
	4.613		195			5.237		197		
	4.418		196			5.040		195		
	4.222		391			4.845		392		
7	13.253	4.418		2.713		15.122	5.041		2.705	SUMMATION OF RUN B.M. 8-38 TO B.M. 8-37
	5.330		202			5.200		197		TOTAL BACKSIGHTS + 48.345
	5.128		201			5.003		195		TOTAL FORESIGHTS − 51.395
	4.927		403			4.808		392		DIFF IN ELEVATION − 3.050
8	15.385	5.128		3.116		15.011	5.004		3.097	
	4.810		200			4.540		192		
	4.610		200			4.348		195		
	4.410		400			4.153		387		
9	13.830	4.610		3.516		13.041	4.347		3.484	
	5.400		203			5.531		194		B.M. 8-37
	5.197		199			5.337		194		SPRING ST. & CLARK AVE. ℄.
	4.998		402			5.143		388		SEE F.B. 1209-32
10	15.595	5.198		3.918		16.011	5.337		3.872	FOR DESCRIPTION
		48.345					51.395			

F.B. 1364 P.G. 210

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 2:00 TO Rod No. 5&6

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-4 To B.M. 30-7
Date 9-21-54
Index ~~H.~~ C. Johnson 11-5-54

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.970		190		#5	5.611		196		B.M. 30-4 (CITY OF L.B.)
	4.780		192			5.415		195		CLARK ST. & ATHERTON ST
	4.588		382			5.220		391		SEE F.B. 1396-9
1	14.338	4.779		.382	82°	16.246	5.415		.391	FOR DESCRIPTION
	5.601		193			6.086		196		
	5.408		196			5.890		196		
	5.212		389			5.694		392		T E. LANDA
2	16.221	5.407		.771		17.670	5.890		.783	
	5.534		196			5.998		195		
	5.338		195			5.802		192		
	5.143		391			5.610		387		
3	16.015	5.338		1.162		17.409	5.803		1.170	
	5.182		192			5.426		196		
	4.990		191			5.230		194		
	4.799		383			5.036		390		
4	14.971	4.990		1.545		15.692	5.231		1.560	
	5.097		140			5.074		137		
	4.957		137			4.937		138		
	4.820		277			4.799		275		
5	14.874	4.958		1.822		14.810	4.937		1.835	
		25.472					27.276			

F.B. 1364 P.G. 211

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 2:00 TO Rod No. 5 & 6

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-4 To B.M. 30-7
Date 9-21-54
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	4831	25.472	142	1.822		5.312	27.276	141	1.835	
	4.689		140			5.171		142		
	4.549		282			5.029		283		
6	14.069	4.690		2.104		15.512	5.171		2.118	
	4.962	30.162	193			5.750	32.447	193		B.M. 30-22 (CITY L.B.)
	4.769		196			5.557		195		ATHERTON ST. & ELMFIELD AVE.
	4.573		389			5.362		388		SEE F.B. 1396-11
7	14.304	4.768		2.493		16.669	5.556		2.506	FOR DESCRIPTION
	6.069		196			5.435		196		
	5.873		193			5.239		195		- 32.447
	5.680		389			5.044		391		+ 30.162
8	17.622	5.874		2.882		15.718	5.239		2.897	- 2.285
	5.233		193			4.865		194		
	5.040		191			4.671		193		
	4.849		384			4.478		387		
9	15.122	5.041		3.266		14.014	4.671		3.284	
	5.430	45.840	193			4.783	47.913	197		
	5.237		194			4.586		195		
	5.043		387			4.391		392		
10	15.710	5.237		3.653		13.760	4.587		3.676	
		51.082					52.500			

F.B. 1364 P.G. 212

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G.E.DR Time 2:00 TO 3:30 Rod No. 586

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-4 To B.M. 30-7
Date 9-21-54
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
	5.032	51.082	144	3.653		4.673	52.500	145	3.676	
	4.888		146			4.528		146		
	4.742		290			4.382		291		
11	14.662	4.887		3.943		13.583	4.528		3.967	
	5.081		142			5.698		147		B.M. 30-7
	4.939		141			5.551		143		ATHERTON ST & BELLFLOWER BLVD.
	4.798		283			5.408		290		SEE F.B. 1396-12
12	14.818	4.939		4.226	86	16.657	5.552		4.257	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 60.908
										TOTAL FORESIGHTS -62.580
						DIFF IN ELEV.	B.M. 30-4	TO B.M. 30-7		- 1.672
						"	"	" "		30-4 TO " 30-22 - 2.285
						"	"	" "		30-22 TO " 30-7 + 0.613
		60.908					62.580			

F.B. 1364 P.G. 213

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. ____ Name ____

76P526 S & E #379 1-54

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FOR

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

To

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 10:00 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-7 To B.M. 30-4
Date 9-22-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.778	24.842	196	1.750		4.986	24.239	194	1.738	
	5.582		192			4.792		192		
	5.390		388			4.600		386		
6	16.750	5.583		2.138		14.378	4.793		2.124	+ 30.425
		30.425					31.032			- 31.032
										- 0.607
										B.M. 30-22 (CITY OF LONG BEACH) ATHERTON ST. & ELMFIELD AVE. SEE F.B. 1396-12 FOR DESCRIPTION
	5.359		143			4.875		144		
	5.216		44			4.731		140		
	5.072		287			4.591		284		
7	15.647	5.216		2.425		14.197	4.732		2.408	
	5.559		139			5.578		139		
	5.420		139			5.439		139		
	5.281		278			5.300		278		
P.G. 216 8	16.260	5.420		2.703		16.317	5.439		2.686	

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-7 To B.M. 30-4
Date 9-22-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.248	46.316	196	3.095		5.789	46.221	196	3.071	
	6.052		192			5.591		194		
	5.860		388			5.397		390		
10	18.160	6.053		3.483		16.775	5.592		3.461	
	6.068		197			5.581		196		
	5.871		193			5.385		194		
	5.678		390			5.191		390		
11	17.617	5.872		3.873		16.157	5.386		3.851	
	5.604		192			4.972		193		B.M. 30-4 (CITY OF L.B.)
	5.412		192			4.779		196		CLARK AVE & ATHERTON ST
	5.220		384			4.583		389		SEE F.B. 1396-9
12	16.236	5.412		4.257		14.334	4.778		4.270	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +63.653
										TOTAL FORESIGHTS -61.977
						DIFF. IN ELEV. B.M. 30-7 TO B.M. 30-4				+1.676
						" " "				" 30-7 TO " 30-22 -0.607
						" " "				" 30-22 TO " 30-4 +2.283
		63.653					61.977			

F.B. 1364 P.G. 217

76P526 S & E #379 1-54

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Chief of Party G. E. DREIFP 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. 1364 P.G. 218										

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 3:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-7 To B.M. 30-8
Date 9-22-54
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.559		192		#5	5.505		196		B.M. 30-7
	5.367		190			5.309		197		ATHERTON ST. & BELLFLOWER BLVD
	5.177		382			6.112		393		See F.B. 1895-12
1	16.103	5.368		382		15.926	5.309		393	for description
	4.980		140			4.559		140		
	4.840		41			4.419		141		T E. Lande
	4.699		281			4.278		281		
2	14.519	4.840		.663		13.256	4.419		.674	
	5.512		142			3.605		145		
	5.370		141			3.460		142		+ 15.578
	5.229		283			3.318		287		- 13.189
3	16.111	5.370		.946		10.383	3.461		.961	+ 2.389
		15.578					13.189			T.B.M. # 2 BELLFLOWER BLVD.
										AT DITCH S. OF ATHERTON ST.
										C.SPK, W&T. IN TOP OF N.
										W. PILING OF BRIDGE WING
										F.B. 1364 P.G. 219
	6.092		186			10.011		192		
	5.906		186			9.819		191		
	5.720		372			9.628		383		
4	17.718	5.906		1.318		29.458	9.819		1.344	
		21.484					23.008			

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 1:00 TO 3:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-7 To B.M. 30-8
Date 9-22-54
Indexed M. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.171	21.484	192	1.318		5.857	5.008	194	1.344	
	4.979		192			5.663		193		
	4.787		384			5.470		387		
5	14.937	4.979		1.702		16.990	5.663		1.731	
	3.832		193			4.419		195		
	3.639		193			4.224		193		
	3.446		386			4.031		388		
6	10.917	3.639		2.088		12.674	4.225		2.119	
	4.893		042			2.192		046		-35.041
	4.851		041			2.146		048		+34.953
	4.810		083			2.098		094		-00.088
7	14.554	4.851		2.171		6.436	2.145		2.213	+2.389
		34.953					35.041			-2.477
F.B. 1364 P.G. 220										T.B.M. #3 E. OF BELLFLOWER BLVD. & S. OF ATHERTON ST AT JCT. OF DITCHES LARGE B.SPK IN SLY SIDE OF POWER POLE # 827983E
	2.641		192			5.030		199		
	2.449		196			4.831		199		
	2.253		388			4.632		398		
8	7.343	2.448		2.559		14.493	4.831		2.611	
		37.401					39.872			

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 1:00 TO 3:30 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-7 To B.M. 30-8
Date 9-22-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.995	37.401	207	2.559		5.396	39.872	188	2.611	
	4.788		208			5.208		188		
	4.580		415			5.020		376		
9	14.363	4.788		2.974		15.624	5.208		2.987	
	4.735		199			4.634		204		
	4.536		198			4.430		200		
	4.338		397			4.230		404		
10	13.609	4.536		3.371		13.294	4.431		3.391	
	5.000		202			4.240		199		
	4.798		198			4.041		199		
	4.600		400			3.842		398		
11	14.398	4.799		3.771		12.123	4.041		3.789	
	4.452		197			4.498		198		
	4.255		196			4.300		198		
	4.059		393			4.102		396		
12	12.766	4.255		4.164		12.900	4.300		4.185	
	5.203		196			4.722		195		
	5.012		195			4.527		195		
	4.817		391			4.332		390		
13	15.037	5.012		4.555		13.581	4.527		4.575	
		60.791					62.379			

F.B. 1364 P.G. 221

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY-HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 3:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-7 To B.M. 30-8
Date 9-22-54
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.522	60.791	194	4.555		5.260	62.379	196	4.575	
	4.328		197			5.064		194		
	4.131		391			4.870		390		
14	12.981	4.327		4.946		15.194	5.065		4.965	
	9.380		193			5.514		196		
	9.187		193			5.318		197		
	8.994		386			5.121		~~383~~ 393		
15	27.561	9.187		5.332		15.953	5.315		5.348	
	5.061		194			5.728		195		
	4.867		195			5.533		193		
	4.672		389			5.340		388		
16	14.600	4.867		5.721		16.601	5.534		5.736	
	5.170		195			5.737		195		
	4.975		195			5.542		191		
	4.780		390			5.351		386		
17	14.925	4.975		6.111		16.630	5.543		6.122	
	2.878		194			3.293		208		
	2.684		193			3.092		200		
	2.491		387			2.892		~~408~~		
18	8.053	2.684		6.498		9.277	3.092	401	6.522	
		86.831					86.931			

F.B. 1364 P.G. 222

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY-HAZE SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 3:30 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-7 To B.M. 30-8
Date 9-22-54
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
	5.474	86.831	153	6.498		5.070	86.931	149	6.522	- 1.595
	5.321		150			4.921		148		- 0.088
	5.171		303			4.773		297		- 1.507
19	15.966	5.322		6.801		14.764	4.921	297	6.919	
	4.660		215			6.555		215		B.M. 30-8
	4.445		214			6.340		211		AVE. ANAHEIM ST, W. OF PALO VERDE
	4.231		429			6.129		426	7.256	SEE F.B. 1396-13
20	13.336	4.445		7.230		19.024	6.341		7.345	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACK SIGHTS +96.598
										TOTAL FORESIGHTS -98.193
							DIFF IN ELEV.			B.M. 30-7 TO B.M. 30-8 -1.595
							"		"	30-7 TO T.B.M. #2 +2.389
										T.B.M. #2 TO T.B.M. #3 -2.477
										T.B.M. #3 TO B.M. 30-8 -1.507
	96.598					98.193				

F.B. 1364 P.G. 223

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. 1364 P.G. 224										

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather FOG Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 11:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 30-8 To B.M. 30-7
Date 9-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.572		213			4.674		215		B.M. 30-8
	6.359		212			4.459		216		ANAHEIM ST. W. OF PALO VERDE AVE
	6.147		425			4.243		431		SEE F.B. 1346-13
1	19.078	6.359		.425		13.376	4.459		.431	FOR DESCRIPTION
	4.970		48			5.378		155		
	4.822		45			5.223		152		T E. LANDA
	4.677		293			5.071		307		
2	14.469	4.823		.718		15.672	5.224		.738	
	3.400		202			2.981		193		
	3.198		200			2.788		192		
	2.998		402			2.595		386		
3	9.596	3.199		1.120		8.364	2.788		1.124	
	5.670		193			5.101		195		
	5.477		193			4.906		194		
	5.284		386			4.712		389		
4	16.431	5.477		1.506		14.719	4.906		1.513	
	5.742		192			5.077		197		
	5.550		196			4.880		193		
	5.354		388			4.687		390		
5	16.646	5.549		1.894		14.644	4.881		1.903	
		5.407					22.258			

F.B. 1364 P.G. 225

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather LIGHT [illegible] Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 11:00 Rod No. 5[illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 2301.02
From B.M. 30-8 To B.M. 30-7
Date 9-23-54
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.784	5.407	195	1.894		4.650	4.258	195	1.903	
	5.589		192			4.455		196		
	5.397		387			4.259		391		
6	16.770	5.590		2.281		13.364	4.455		2.294	
	5.210		198			4.471		193		
	5.012		194			4.278		196		
	4.818		392			4.082		389		
7	15.040	5.013		2.673		12.831	4.277		2.683	
	4.877		196			5.268		198		
	4.681		192			5.070		199		
	4.489		388			4.871		397		
8	14.047	4.682		3.061		15.209	5.170		3.080	
	4.611		197			4.570		201		
	4.414		195			4.369		197		
	4.219		392			4.172		398		
9	13.244	4.415		3.453		13.111	4.370		3.478	
	4.489		201			5.245		200		
	4.288		200			5.045		200		
	4.088		401			4.845		400		
10	12.865	4.288		3.854		15.135	5.045		3.878	
		49.395					52.475			

F.B. 1364 P.G. 226

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER
Notes by G. E. DREIER
Weather PART CLOUDY Inst. No. 50010
Time 8:30 TO 11:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 30-8 To B.M. 30-7
Date 9-23-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.539	49.395	204	3.854		4.640	50.575	199	3.878	
	4.335		202			4.441		199		
	4.133		406			4.242		398		
11	13.007	4.336		4.260		13.323	4.441		4.276	
	5.394		197			4.976		198		
	5.197		197			4.778		198		
	5.000		394			4.580		396		
12	15.591	5.197		4.654		14.334	4.778		4.672	
	5.218		200			2.833		193		+63.946
	5.018		199			2.640		192		-62.434
	4.819		399			2.448		385		+ 1.512
13	15.055	5.018		5.053		7.921	2.640		5.057	
		63.946					62.434			T.B.M. #3 E. OF BELLFLOWER BLVD & S. OF ATHERTON ST. AT JCT. OF DITCHES, LARGE B.SOK. IN POWER POLE # 829783 E
	2.241		049			4.939		041		
	2.192		048			4.898		041		
	2.144		097			4.857		082		
14	6.577	2.192		5.150		14.694	4.898		5.139	
		66.138					67.332			

F.B. 1364 P.G. 227

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 8:30 TO 11:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-8 To B.M. 30-7
Date 9-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4603	66.138	194	5.150		4019	67.332	194	5.139	
	4409		194			3.825		192		
	4215		388			3.633		386		
15	13.227	4.409		5.538		11.477	3.826		5.525	
	5668		197			4977		192		
	5.471		194			4.785		189		
	5.277		391			4596		381		
16	16.416	5.472		5.929		14.358	4.786		5.906	
	9.989		194			6076		187		+85.815
	9.795		192			5.889		188		−81.833
	9.603		386			5.701		375		+3.982
17	29.387	9.796		6.315		17.666	5.889		6.281	+1.512
										+2.470
		85.815					81.833			T.B.M. #2 BELL FLOWER BLVD. AT DITCH S. OF ATHERTON ST, C.S.DR, W. 87. IN TOP OF N.W. LY PILING OF BRIDGE WING.
	3.657		146			5.565		144		
	3.511		143			5.421		141		
	3.368		289			5.280		285		
18	10.536	3.512		6.604		16.266	5.422		6.566	
		89.327					87.255			

F.B. 1364 P.G. 228

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 11:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-8 To B.M. 30-7
Date 9-23-54
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.509	89.327	143	6.604		4.931	87.255	141	6.566	
	4.366		143			4.790		140		
	4.223		286			4.650		281		
19	13.098	4.366		6.890		14.371	4.790		6.847	
	5.475		196			5.531		192		B.M. 30-7
	5.279		198			5.339		191		ATHERTON ST. & BELLFLOWER BLVD.
	5.081		394			5.148		383		SEE F.B. 1396-12
20	15.835	5.278		7.284		16.018	5.339		7.230	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +98.971
										TOTAL FORESIGHTS - 97.384
						DIFF IN ELEV. B.M.				30-8 TO B.M. 30-7 + 1.587
						"	"	"	"	30-8 TO T.B.M. #3 + 1.512
						"	"	"	"	T.B.M. #3 TO T.B.M. #2 + 2.470
						"	"	"	"	T.B.M. #2 TO B.M. 30-7 - 2.395
										+ 1.587
										+ 3.982
										- 2.395
		98.971					97.384			

F.B. 1364 P.G. 229

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. 1364 P.G. 230

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 E. Landa Time 11:30 To 3:00 Rod No. 566

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-8 To B.M. 30-9
Date 9-23-54
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5570		190		#5	5386		206		B.M. 30-8
	5380		188			5180		202		Anaheim St. W of Palo Verde St
	5192		378			4978		408		See F.B. 1396-13
1	16142	5.381		378	72°	15544	5.181		408	for Description
	4872		200			5253		199		
	4672		199			5054		201		G.E. Dreier
	4473		399			4853		400		
2	14017	4.672		777		15160	5.053		808	
	5205		204			4327		201		
	5001		202			4126		203		
	4799		406			3923		404		
3	15005	5002		1183		12376	4.125		1212	
	4533		162			5157		158		
	4371		162			4999		161		
	4209		324			4838		319		
4	13113	4.371		1507		14994	4.998		1531	
	4805		184			3816		172		
	4621		183			3644		172		
	4438		367			3472		344		
5	13864	4.621		1874		10932	3.644		1875	
		24.047					23.001			

F.B. 1364 P.G. 231

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:30 To 5:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 30-8 To BM 30-9
Date 9-23-54
Indexed C. John

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		24.047		1874			23.001		1875	T.B.M. LARGE B.SPK NEC. PALO VERDE & DITCH S. OF ANAHEIM ST., S.E. COR, LARGE B.SPK IN TOP OF PILING
	5127		148			2269		150		
	4979		147			2119		149		24.674
	4832		295			1970		299		22.374
6	14938	4.979		2169		6358	2.119		2174	+ 2.300
	8772		065			0617		066		
	8707		065			0551		065		
	8642		130			0486		131		
7	26121	8.707		2299		1654	0.551		2305	
	10103		065			0671		066		
	10038		065			0605		065		
	9973		130			0540		131		
8	30114	10.038		2429		1816	0.605		2436	
	10173		064			0575		067		
	10109		063			0508		066		
	10046		127			0442		133		
9	30328	10.109		2556		1525	0.508		2569	
		57.880					26.784			

F.B. 1364 P.G. 232

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by E. LANDA Time 11:30 To 3:00 Rod No. 596

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-8 To B.M. 30-9
Date 9-23-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11 895	57.880	124	2556		1393	26.784	124	2569	B.M. 30-9
	11751		124			1269		124		VAC. PALO VERDE AVE. & VAC.
	11627		248			1145		248		ANAHEIM ST. BIXBY RANCH)
10	35253	11.751		2804	71°	3807	1.269		2817	SEE F.B. 1396-14 FOR DESC.
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 69.631
										TOTAL FORESIGHTS - 28.053
										DIFF IN ELEV, B.M. 30-8 TO B.M. 30-9 + 41.578
										" " " 30-8 TO T.B.M. B.SPK + 1.046
										" " " T.B.M. B.SPK TO 30-9 + 40.531
		69.631					28.053			

F.B. 1364 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 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. 1364 P.G. 234										

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:00 To 10:00 Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-9 To B.M. 30-8
Date 9-24-54
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
	1369		124		#5	11854		124		B.M. 30-9
	1245		122			11730		124		Vac. Palo Verde Ave & Vac.
	1123		246			11606		248		Anaheim St. (Bixby Ranch)
1	3737	1.246		246	60°	35190	11.730		248	See F.B. 1396-14 for Des.
	0527		066			10127		064		
	0461		066			10063		065		⊼ G.E. Dreier
	0395		132			9998		129		
2	1383	0.461		378		30188	10.063		377	
	0711		064			10145		066		
	0647		064			10079		066		
	0583		128			10013		132		
3	1941	0.647		506		30237	10.079		509	
	0624		065			8779		065		
	0559		065			8714		064		
	0494		130			8650		129		
4	1677	0.559		636		26143	8.714		638	
	2331		148			5192		147		T.B.M. Lg B. Spk
	2183		147			5045		147		Vac. Palos Verde Ave. & Ditch
	2036		295			4898		294		S. of Anaheim St., S.E. Cor
5	6550	2.183		931		15135	5.045		932	Lge. B. Spk. in top of piling
		5.096					45.431			

F.B. 364 P.G. 235

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 9:00 To 10:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-9 To B.M. 30-8
Date 9-24-54
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
	3827	5.096	175	931		4806	45.631	183	932	
	3652		173			4623		181		
	3479		348			4442		364		
6	10958	3.653		1279		13871	4.624		1296	
	4688		160			4061		163		
	4528		160			3898		164		
	4368		320			3734		327		Summation of Run
7	13584	4.528		1599		11693	3.898		1623	
	3708		201			4582		204		Total Backsights = +27.554
	3507		200			4378		207		Total Foresights = −69.123
	3307		401			4171		411		Diff in Elev = −41.569
8	10522	3.507		2000		13131	4.377		2034	B.M. 30-9 To T.B.M. B.SPK = −40.534
	5172		202			4791		200		T.B.M. B.SPK To B.M. 30-8 = −1.034
	4970		201			4591		199		
	4769		403			4392		399		
9	14911	4.970		2403		13774	4.591		1433	
	6023		223			6232		230		B.M. 30-8
	5800		222			6002		231		Anaheim St. W. of Palo Verde
	5578		445			5771		461		See F.B. 1396-13
10	17401	5.800		2847	70°	18205	6.002		2894	for description
		27.554					69.123			

F.B. 1364 P.G. 236

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 3:00 TO 3:40 Rod No. 506

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-8 To T.B.M. Lg. B. SPK
Date 9-27-54
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
	4672		192		45	4476		199		B.M. 30-8
	4480		190			4277		198		ANAHEIM ST., W. OF PALO VERDE AVE
	4290		382			4079		397		SEE F.B. 1376-13
1	13442	4.481		.382		12832	4.277		397	FOR DESCRIPTION
	4704		200			5090		203		
	4504		196			4887		204		
	4308		396			4683		407		TT E. LANDA
2	13516	4.505		.778		14660	4.887		.804	
	4820		203			3943		203		
	4617		201			3740		201		
	4416		404			3539		404		
3	13853	4.618		1.182		11222	3.741		1.208	SUMMATION OF RUN
	4058		163			4685		161		B.M. 30-8 TO T.B.M.
	3895		161			4524		160		TOTAL BACKSIGHTS + 22.205
	3734		324			4364		321		TOTAL FORESIGHTS - 21.159
4	11687	3.896		1.506		13573	4.524		1.529	DIFF. IN ELEVATION + 1.046
	4890		185			3902		172		T.B.M. VAC. PALO VERDE AVE.
	4705		185			3730		171		AT DITCH S. OF ANAHEIM ST., SE COR.
	4520		370			3559		343		Lg. B. SPK IN TOP OF CULVERT WING
5	14115	4.705		1.876		11191	3.730		1.872	PILING.
		22.205					21.159			

FB 1364 P.G. 237

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 35 Rod No. 586

Name L.A. Co. PRECISE LEVEL NET
Job No 0301.02
From T.B.M. L.B.SPK To B.M. 30-8
Date 9-28-54
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
	3822		170			4867		185		T.B.M. VAC. PALO VERDE AVE.
	3652		171			4622		183		AT DITCH S. OF ANAHEIM ST. S.E.COR.
	3481		341			4439		368		Lg. B. SPK IN TOP OF CULVERT WING
1	10.955	3.652		.341		13.868	4.623		.368	PILING
	4766		161			4136		162		
	4605		160			3974		162		
	4445		321			3812		324		
2	13.816	4.605		.662		11.922	3.974		.692	T. E. LANDA
	4112		203			4982		202		
	3909		201			4780		202		
	3708		404			4578		404		
3	11.727	3.910		1.066		14.340	4.780		1.096	SUMMATION OF RUN
										T.B.M. Lg. B. SPK TO B.M. 30-8
	5.085		205			4.701		201		TOTAL BACKSIGHTS + 22.685
	4.883		202			4.500		198		TOTAL FORESIGHTS - 23.712
	4.681		407			4.302		399		DIFF. IN ELEVATION - 1.027
4	14.652	4.884		1.473		13.503	4.501		1.495	
	5.858		225			6.060		227		B.M. 30-8
	5.633		223			5.833		225		ANAHEIM ST E. OF PALO VERDE AVE
	5.410		448			5.608		452		SEE F.B. 1396-13
5	16.901	5.634		1.921		17.501	5.834		1.947	FOR DESCRIPTION
		22.685					23.712			

F.B. 1364 PG 238

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:40 TO 10:15 Rod No. 5 & 6

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-8 To T.B.M. Lg. B. SPK
Date 9-28-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.090		227		#5	5.890		225		B.M. 30-8
	5.863		226			5.665		224		ANAHEIM ST. W. OF PALO VERDE AVE
	5.637		~~454~~			5.441		449		SEE F.B. 1396-13
1	17.590	5.863	453	454	64°	16.996	5.665		449	FOR DESCRIPTION
	4.753		200			5.117		205		
	4.533		198			4.912		202		π E. LANDA
	4.335		398			4.710		407		
2	13.601	4.534		852		14.739	4.913		856	
	4.997		202			4.127		205		
	4.795		202			3.922		202		
	4.593		404			3.720		407		SUMMATION OF RUN
3	14.385	4.795		1256		11.769	3.923		1.263	B.M. 30-8 TO T.B.M.
	4.425		163			5.050		160		TOTAL BACKSIGHTS + 24.113
	4.262		161			4.896		159		TOTAL FORESIGHTS − 23.078
	4.101		324			4.731		319		DIFF IN ELEVATION + 1.035
4	12.788	4.263		1.580		14.677	4.890		1.582	
	4.843		185			3.858		171		T.B.M. B.SPK VAC. PALO VERDE
	4.658		184			3.687		171		AVE. AT DITCH S. OF ANAHEIM
	4.474		369			3.516		342		ST, S.E. COR. LARGE B.SPK IN
5	13.975	4.655		1.949		11.061	3.687		1.924	TOP OF PILING
		24.113		8			23.078			

F.B. 1364 P.G. 239

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. 1364 P.G. 240

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 8:30 TO 9:00 Rod No. 5 & 6

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. 4 B.S.P. To B.M. KN-144
Date 9-28-54 L. O. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.121		027		#5	4.162		025		T.B.M. VAC. PALO VERDE AVE
	4.094		027			4.137		026		AT DITCH S. OF ANAHEIM ST, S.E. COR
	4.067		054			4.111		051		LARGE B.SPK IN TOP OF WING WALL
1	12.282	4.094		054		12.410	4.137		051	PILING
	4.894		029			4.842		024		T.B.M. #4 LINE #30
	4.865		029			4.818		026		VAC. PALOS VERDES AVE AT DITCH
	4.836		058			4.792		050		S. OF ANAHEIM ST, CHISELED "□"
2	14.595	4.865		112		18.452	4.817		101	(SQUARE) IN S. END OF E. HEADWALL
		8.959				4	8.954			B.M. KN-147
										VAC PALO VERDE AVE AT DITCH
										S. OF ANAHEIM ST 4.5' S. OF N. END
										B.SPK IN W. HEADWALL OF CULVERTS
	4.853		029		#5	4.898		026		B.M. KN-147
	4.824		028			4.872		025		
	4.796		057			4.847		051		
1	14.473	4.824		1057		14.617	4.872		051	
	4.320		024			4.279		026		T.B.M. #4 CHISELED "□"
	4.296		024			4.253		024		
	4.272		048			4.229		050		
2	12.888	4.296		105		12.761	4.254		101	T.B.M. 4 B.SPK.
		9.120					9.126			

F.B. 13364 P.G. 241

SEE NEXT PAGE

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 0301.02
From ..... To .....
Date 9-28-57
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
+ 8957		-9126								
- 8954		+9120								DIFF. IN ELEVATION T.B.M. LARGE B. SPK TO KN-147 (1) +0.005
+ 0.005		-0.006								(2) -0.006
- 4.37		+4.296								DIFF IN ELEV. T.B.M. L.B. SPK TO T.B.M. #4 "□") (1) -0.043
+ 4.094		-4.254								(2) +0.042
- 0.043		-0.042								DIFF. IN ELEV T.B.M. #4 ("□") TO KN-147 (1) +0.048
+ 4.865		-4.872								(2) -0.048
- 4.817		+4.824								
+ 0.048		-0.048								

F.B. 1364 P.G. 242

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-9 To B.M. 30-11
Date 9-24-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.760		179			10.802		196		B.M. 30-9 (U.S. 3739) (CITY 56) L.B.
	3.581		178			10.606		196		VAC. PALO VERDE AVE & VAC. ANAHEIM ST.
	3.403		357			10.410		392		(BIXBY RANCH)
1	10.744	3.581		.357		31.818	10.606		.392	SEE F.B. 1396-14 FOR DESC.
	0.520		125			10.457		127		
	0.395		124			10.330		126		E. LANDA
	0.271		249			10.204		253		
2	1.186	0.395		.606		30.991	10.330		.645	
	0.979		110			9.513		109		
	0.869		110			9.404		107		
	0.759		220			9.297		216		
3	2.607	0.869		.826		28.214	9.405		.861	
	0.988		109			9.595		109		- 44.507
	0.879		108			9.486		109		+ 7.477
	0.771		217			9.377		218		- 37.030
4	2.638	0.879		1.043		28.458	9.486		1.079	
	.850		098			4.771		091		F.C. B.M.
	1.752		095			4.680		091		S. SIDE, VAC. ANAHEIM ST. E. OF VAC.
	1.657		193			4.589		182		PALO VERDE AVE. B. SPK IN
5	5.259	1.753		1.236		14.040	4.680		1.261	TOP OF RETAINING WALL
		7.477					44.507			← NEAR E. END

F.B. 1364 P.G. 243

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 12:00 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-9 To B.M. 30-11
Date 9-24 & 27-54
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.570	7.477	120	1.236		6.580	44.507	127	1.261	
	0.450		120			6.453		123		
	0.330		240			6.330		250		
6	1.350	0.450		1.476		19.363	6.454		1.511	
	5.712		203			6.513		196		-57.278
	5.509		202			6.317		194		+13.436
	5.307		405			6.123		390		-43.842
7	16.528	5.509		1.881		18.953	6.317		1.901	-37.030
										-6.812
		13.436					57.278			B.M. 30-10 (F.C. B.M. 120-4) LOS CERRITOS CHANNEL & VAC. ANAHEIM ST. SEE F.B. 1396-15 FOR DESC.
	4.828		198			4.979		195		
	4.630		199			4.784		192		
	4.431		397			4.592		387		
8	13.889	4.630		2.278		14.355	4.785		2.288	
	5.760		199			4.932		193		
	5.561		200			4.739		196		
	5.361		399			4.543		389		
9	16.682	5.561		2.667		14.214	4.738		2.677	
		23.627					66.808			
							2			

F.B. 1364 PG. 244

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-9 To B.M. 30-11
Date 9-27-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.052	23.627	125	2.667		4.187	66.80	124	2.677	
	4.927		127			4.063		120		
	4.800		252			3.943		244		
10	14.779	4.926		2.919		12.193	4.064		2.921	
	4.481		120			4.346		124		B.M. 30-11 F.C. B.M. 120-4A
	4.361		120			4.222		122		LOS CERRITOS CHANNEL W. SIDE
	4.241		240			4.100		246		N. OF 7th ST.
11	13.083	4.361		3.159		12.668	4.223		3.167	SEE F.B. 1396-16 FOR
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +32.914
										TOTAL FORESIGHTS -75.088
										DIFF IN ELEV B.M. 30-9 TO B.M. 30-11 -42.174
										" " " " 30-9 TO T.B.M. F.C. -37.030
										" " " T.B.M. F.C. TO B.M. 30-10 - 6.812
										" " " B.M. 30-10 TO B.M. 30-11 + 1.668
										- 42.174
										- 43.842
										+ 1.668
		32.914					75.088			

F.B. 1364 P.G. 245

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 R. C. Johnson

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1364 P.G. 246										

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G.E. DREIER Time 10:30 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-11 To B.M. 30-9
Date 9-27-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.408		122		#5	4.547		125		B.M. 30-11 (F.C.B.M. 120-4A)
	4.286		119			4.422		121		LOS CERRITOS CHANNEL, W. SIDE,
	4.167		241			4.301		246		N. OF 7th ST.
1	12.861	4.287		.241		13.270	4.423		.246	SEE F.B. 1396-16 FOR DESC
	4.101		121			4.970		128		
	3.980		121			4.842		124		↑ E. LANDA
	3.859		242			4.718		252		
2	11.940	3.980		.483		14.530	4.843		.498	
	4.878		196			5.697		199		
	4.682		193			5.500		198		
	4.489		389			5.302		397		
3	14.049	4.683		.872		16.501	5.500		.895	- 19.393
	4.972		197			4.823		196		+ 17.726
	4.775		195			4.627		195		- 1.667
	4.580		392			4.432		391		
4	14.327	4.776		1.264		13.882	4.627		1.286	
										B.M. 30-10 (F.C.B.M. 120-4)
										LOS CERRITOS CHANNEL, W. SIDE,
										3 VAC. ANAHEIM ST.
										SEE F.B. 1396-15 FOR DESC.
		17.726					19.393			

F.B. 1364 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 HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-11 To B.M. 30-9
Date 9-27-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.503	17.726	201	1.274		5.68	19.393	200	1.276	
	6.302		197			5.487		199		
	6.105		398			5.288		399		
5	18.910	6.303		1.672		16.462	5.487		1.675	
	6553		126			0.545		122		+30.456
	6.427		126			0.423		119		-25.304
	6.301		252			0.304		241		+5.152
6	19.281	6.427		1.924		1.272	0.424		1.916	-1.667
										+6.819
	4924	30.456	094			1.996	25.304	098		T.B.M. F.C.B.M.
	4.830		094			1.898		098		VAC. ANAHEIM ST. S. SIDE, E. OF
	4.736		~~193~~			1.800		196		VAC. PALO VERDE AVE., B. SPK IN
7	14.490	4.830	188	2.114		5.694	1.898		2.112	CONC. RET. WALL NEAR E. END
	9.522		110			0.915		108		
	9.412		109			0.807		108		
	9303		219			0.699		216		
8	28237	9.412		2.333		2.421	0.807		2.328	
	9538		109			1.001		111		
	9.429		108			0.890		110		
	9.321		217			0.780		221		
9	28.288	9.429		2.550		2.671	0.890		2.549	
		54.127					28899			

F.B. 1364 P.G. 248

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-11 To B.M. 30-9
Date 9-27-54
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.478	54.127	127	2.550		0.546	28.899	126	2.549	+ 43.913
	10.351		125			0.420		125		+ 6.878
	10.226		252			0.295		251		+ 37.035
10	31.055	10.352		2.802		1.261	0.420		2.800	
	10.841		196			3.798		180		B.M. 30-9 (U.S. 3739) (CITY L.B. 561)
	10.645		196			3.618		179		VAC. PALO VERDE AVE & VAC. ANAHEIM ST
	10.449		392	82		3.439		359	69	(BIX BY RANCH)
11	31.935	10.645		3.194		10.855	3.618		3.159	SEE F.B. 1396-14 FOR DESC.
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 75.124
										TOTAL FORESIGHTS − 32.937
										DIFF. IN ELEV. B.M. 30-11 TO B.M. 30-9 + 42.187
										" " " " 30-11 TO " 30-10 − 1.667
										" " " " 30-10 TO F.C.B.M. + 6.819
										" " " F.C.B.M. TO 30-9 + 37.035
		75.124					32.937			

F.B. 1364 P.G. 249

76P526 S & E #379 1-54

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

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

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 1364 P.G. 250										

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 2:00 TO 2:45 Rod No. 5 & 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-11 To B.M. 30-14
Date 9-24-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.217		216			5.155		227		B.M. 30-11 (F.C.B.M. 120-4A)
	3.001		213			4.928		223		LOS CERRITOS CHANNEL W. SIDE 272' N.
	2.788		429			4.705		450		OF 7th ST.
1	9.006	3.002		.429		14.788	4.929		.450	SEE F.B. 1396-16 FOR DESC.
										B.M. 30-12 (F.C.B.M. 120-4B)
										LOS CERRITOS CHANNEL & 7th ST
										& STUDEBAKER RD.
										SEE F.B. 1396-16 FOR DESC.
	9.617		217			4.161		203		
	9.400		217			3.958		206		π E. LANDA -4.929
	9.183		434			3.752		409		+3.002
2	28.200	9.400		.863		11.871	3.957		.859	-1.927
	4.241		206			5.179		205		
	4.035		205			4.974		202		
	3.830		411			4.772		407		
3	12.106	4.035		1.274		14.925	4.975		1.266	
	3.991		201			4.920		198		
	3.790		198			4.722		199		
	3.592		399			4.523		397		
4	11.373	3.791		1.673		14.165	4.722		1.673	
		20.228					18.583			

F.B. 1364 P.G. 251

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 2:00 TO 2:45 Rod No. 526

Name L. A. CO. PRECISE LEVEL NET
Job No. 2301.02
From B.M. 30-11 To B.M. 30-14
Date 9-24-54
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.630	20.228	210	1.673		3.775	18.583	203	1.673	
	4.420		210			3.572		200		
	4.210		420			3.372		403		
5	13.260	4.420		2.093		10.719	3.573		2.076	
	3.261		200			7.242		199		
	3.061		199			7.043		195		
	2.862		399			6.848		394		
6	9.184	3.061		2.492		21.133	7.044		2.470	
	5.385		175			4.047		186		B.M. 30-14 (F.C.B.M. 73-19
	5.210		178			3.861		182		7th ST. & SAN GAB. RIVER W. SIDE.
	5.037		348			3.679		368		SEE F.B. 1396-17
7	15.632	5.211		2.845		11.587	3.862		2.838	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 32.920
										TOTAL FORESIGHTS − 33.062
										DIF. IN ELEV. B.M. 30-11 TO B.M. 30-14 − 0.142
										" " " " 30-11 TO " 30-12 −1.927
										" " " " 30-12 TO " 30-14 +1.785
										NOTE B.M. 30-13 DESTROYED -10-53
		32.920					33.062			

F.B. 364 P.G. 252

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 3:30 Rod No. 5&6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 30-14 To B.M. 30-11
Date 9-24-54
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
	3.993		185			5323		172		B.M. 30-14 (F.C.B.M. 73-)
	3.808		186			5.151		172		7th ST. & SAN GAB. RIVER, W. SIDE
	3.622		371			4.979		344		SEE F.B. 1396-17
1	11.423	3.808		.371		15.453	5.151		.344	FOR DESCRIPTION
	7.277		200			3 295		198		
	7.077		199			3.097		197		E. LANDA
	6.878		399			2.900		395		
2	21.232	7.077		.770		9.292	3.097		.739	
	3591		201			4.440		208		
	3.390		201			4.232		210		
	3.189		402			4.022		418		
3	10.170	3.390		1.172		12.694	4.231		1.157	
	4.900		199			3972		199		
	4.701		198			3.773		198		
	4.503		397			3.575		397		
4	14.104	4.701		1.569		11.320	3.773		1.554	
	5130		203			4190		205		
	4.927		205			3.985		205		
	4.722		408			3.780		410		
5	14.779	4.926		1.977		11.955	3.985		1.964	
	23.902					20.237				

F.B. 1364 P.G. 253

76P526 S & E #379 1-54

LOS AN[redacted]

[redacted] CHANGES ON THIS [redacted] OR CIRCLED IN [redacted] AND NAME OF

[redacted]

1364

Ch[redacted] Dist. No. [redacted]

Notes by G. E. DREIER Time [redacted] Rod No. [redacted]

Name L. A. CO. PRECISE LEVEL NET

Job No. 0301.02

From B.M. 30-14 To B.M. 30-11

Date 9-24-54

Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.806	23.902	213	1.777		9.24[illegible]	[illegible]0237	210	1.964	- 29.276
	3.593		213			9.039		209		+ 27.495
	3.380		426			8.830		419		- 1.781
6	10.779	3.593		2.403		27.118	9.039		2.383	
		27.495					29.276			B.M. 30-12 (F.C.B.M. 120-4A) CERRITOS CHANNEL & 7th ST. & STUDEBAKER RD. SEE F.B. 1396-16 FOR DESC
	4.877		209			2.960		223		B.M. 30-11 (F.C.B.M. 120-4B) CERRITOS CHANNEL W. SIDE, 272' N. OF 7th ST. SEE F.B. 1396-16 FOR DESC.
	4.668		208			2.737		224		
	4.460		417			2.513		447		
7	14.005	4.668		2.820		8.210	2.737		2.830	
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 32.163
										TOTAL FORESIGHTS - 32.013
								DIFF IN ELEV.		B.M. 30-14 TO B.M. 30-11 + 0.150
								" " "		" 30-14 " " 30-12 - 1.781
								" " "		" 30-12 " " 30-11 + 1.931
		32.163					32.013			

F.B. 1364 P.G. 254