F.B. 2407 P.G. 5

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

RERUN OF, OR PARTS OF, LINES NO. 8, 1, 3, AND 38

DREIER
MOODY
OHASHI
MELENDEZ
DOVER
LATTERI

Date 8-26 TO 2-57
Indexed C. Johnson 4-2-57

DESCRIPTION AND REMARKS

Number of Station	Thread Readings	Mean	Thread Intervals	Sum of Intervals	Rod and Temp.	Thread Readings	Mean	Thread Intervals	Sum of Intervals

Microfilmed March '86

Notes by

Chief of Engineers E. DREIER

Number 5 & E #379 1-54

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

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

F.B. 2407 P.G. 6

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No 50010
Notes by J. A. MOODY Time 2:50 to 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 8-3 To BM 8-2
Date 8-28-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6589		161		#11	5753		150		BM 8-3 (ARTESIA G-4)
	6428		161			5603		150		ARTESIA AVE & CARMENITA RD
	6267		322			5453		300		SEE F.B. 1209-8 FOR DESC.
1	19284	6.428		322	70°	16809	5.603		300	
	5098		147			5279		149		↑ G.E.DREIER
	4951		147			5130		152		
	4804		294			4978		301		
2	14853	4.951		616		15387	5.129		601	
	5239		196			5418		195		
	5043		195			5223		193		
	4848		391			5030		388		
3	15130	5.043		1007		15671	5.224		989	
	5019		196			5290		195		
	4823		193			5095		195		
	4630		389			4900		390		
4	14472	4.824		1396		15285	5.095		1379	
	4837		198			5338		197		
	4639		196			5141		198		
	4443		394			4943		395		
5	13919	4.640		1790		15422	5.141		1774	
		25.886					26.192			

F.B. 2407 P.G. 7

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No 50010
Notes by J.A. MOODY Time 2:50 to 3:30 Rod No 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM 8-3 To BM 8-2
Date 8-28-56
Indexed K. C. Johnson

F.B. 2407 P.G. 8 / 10

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5540	25886	197	1790		5786	26192	199	1774	
	5343		195			5587		198		
	5148		392			5389		397		
6	16031	5344		2182		16762	5587		2171	
	5292		196			5542		194		
	5096		199			5348		195		
	4897		395			5153		3891		
7	15285	5095		2577		16043	5348		2560	
	5397		198			5744		194		BM 8-3 to BM 8-2
	5199		197			5550		197		TOTAL BACKSIGHTS + 51.224
	5002		395			5353		391		TOTAL FORESIGHTS - 54.006
8	15598	5199		2972		16647	5549		2951	DIFF IN ELEV - 2.782
	5331		191			5485		196		
	5140		189			5289		195		
	4951		380			5094		391		
9	15422	5141		3352		15868	5289		3342	
	4767		188			6230		190		BM 8-2
	4579		188			6040		188		ARTESIA AVE & MARGUARDT AVE
	4391		376			5852		378		SEE F.B. 1209-7 for DESC.
	13737	4579		3728		18122	6041		3720	
		51.224					54.006			

76P526 S & E #379 1-54

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L.A. CO. PRECISE LEVEL NET

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J.A. Moody Time 10:55 to 11:30 Rod No. 11 & 12

Name
Job No. 0301.02
From BM 8-2 To BM 8-3
Date 8-29-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6273		190		#11	4808		189		BM 8-2
	6083		189			4619		187		ARTESIA BLVD. & MARQUARDT AVE.
	5894		379			4432		376		SEE F.B. 1209-7 FOR DESC.
1	18250	6.083		379	70°	13859	4.620		376	
	5510		197			5355		194		
	5313		193			5161		190		⊼ G.E. DREIER
	5120		390			4971		384		
2	15943	5.314		.769		15487	5.162		.760	
	5859		194			5510		197		
	5665		194			5313		196		
	5471		388			5117		393		
3	16995	5.665		1.157		15940	5.313		1.153	
	5551		196			5305		198		
	5355		194			5107		199		
	5161		390			4908		397		
4	16067	5.356		1.547		15320	5.107		1.550	
	5751		199			5502		195		
	5552		199			5307		196		
	5353		398			5111		391		
5	16656	5.552		1.945		15920	5.307		1.941	
	27970					25509				

F.B. 2407 P.G. 9

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather OVERCA... Inst. No. 50010
Notes by J.A. MOODY Time 10:55 to 11... Rod No. 11812

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-2 To BM 8-3
Date 8-29-56
Indexed A. C. Johnson

F.B. 2407 P.G. 10

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5441	27.970	198	1945		4939	[illegible]	197	1941	
	5243		195			4742		194		
	5048		393			4548		391		
6	15732	5.244		2338		14229	[illegible]		2332	
	5248		198			4972		195		
	5050		196			4778		198		
	4854		394			4580		393		
7	15152	5.051		2732		14330	[illegible]		2725	
	5463		193			5288		196		BM 8-2 to BM 8-3
	5270		193			5092		194		TOTAL BACKSIGHTS + 54.251
	5077		386			4898		390		TOTAL FORESIGHTS - 51.484
8	15810	5.270		3118		15278	[illegible]		3115	DIFF IN ELEV + 2.767
	5353		151			5170		146		
	5202		151			5024		147		
	5051		302			4877		293		
9	15806	5.202		3420		15071	[illegible]		3408	
	5666		153			6499		162		BM 8-3 (ARTESIA 6-4)
	5513		150			6337		160		ARTESIA AVE & CARMENITA RD
	5363		303			6177		322		SEE F.B. 1209-8 FOR DE
10	16542	5.514		3723		19013	[illegible]		3730	
		54.251					51.484			

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather OVERCAST Inst. No 50010
Notes by G.E.DREIER Time 8:30 to 9:50 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 8-2 To B.M. 8-1
Date 8-29-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6,518		179		#11	5802		183		B.M. 8-2
	6,339		177			5,619		180		ARTESIA BLVD. & MARQUARDT
	6,162		356			5439		363		SEE F.B. 1209-7 FOR DESC.
1	19.019	6.340		356	66°	16.860	5.620		363	
	5,270		181			5832		181		↑ J. MOODY
	5.089		180			5,651		180		
	4909		361			5,471		361		
2	15,268	5.089		717		16.954	5.651		724	
	5,339		187			5.950		178		
	5,152		187			5,772		176		
	4.965		374			5,596		354		
3	15,456	5,152		1,091		17.318	5.773		1,078	
	5,255		187			5.963		185		
	5,068		183			5,778		186		
	4.885		370			5,592		371		
4	15,208	5069		1,461		17,333	5.778		1,449	
	5421		092			5,652		087		
	5,329		091			5,565		086		
	5,238		183			5,479		173		
5	15,988	5.329		1,644		16,696	5.565		1622	
	26.979					28,387				

F.B. 2407 P.G. 11

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8:30 To 9:50 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 030102
From B.M. 8-2 To B.M. 8-1
Date 8-29-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.067	26.979	185	1.644		5.857	28.387	181	1.622	
	4.882		183			5.676		180		
	4.699		368			5.496		361		
6	14.648	4.883		2.012		17.029	5.676		1.783	
	5.883		184			5.987		190		
	5.699		181			5.797		186		
	5.518		365			5.611		376		
7	17.100	5.700		2.377		17.395	5.798		2.359	
	4.867		186			5.443		181		
	4.681		183			5.262		179		
	4.498		369			5.083		360		
8	14.046	4.682		2.746		15.788	5.263		2.719	
	5.709		178			5.302		183		
	5.531		179			5.119		181		
	5.352		357			4.938		364		
9	16.592	5.531		3.103		15.359	5.120		3.083	
	5.559		177			5.173		176		
	5.382		173			4.997		178		
	5.209		350			4.819		354		
10	16.150	5.383		3.453		14.989	4.996		3.437	
		53.158					55.240			

F.B. 2407 P.G. 12

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8:30 TO 9:50 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 8-2 To B.M. 8-1
Date 8-29-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.849	53.158	177	3.453		4.807	55.240	176	3.437	
	5.672		175			4.631		174		
	5.497		352			4.457		350		
11	17.018	5.673		3.805	13	15.895	4.632		3.787	
	5.735		177			6.229		176		+64.389
	5.558		176			6.053		174		-65.926
	5.382		353			5.879		350		- 1.537
12	16.675	5.558		4.158		18.161	6.054		4.137	
	64.389					65.926				B.M. ARTESIA I-4A, 1952 VALLEY VIEW AVE. & ARTESIA BLVD, 11 FT. S. & 7.7 FT. E. OF ℄ INTER, A STD. L.A.Co. TRAV. STAT. 14" DEEP UNDER
	5.493		050			4.847		050		CAST IRON COVER
	5.443		049			4.797		049		+5.443
	5.394		099			4.748		099		-4.797
13	16.330	5.443		4.257		14.392	4.797		4.236	+0.646 B.M. 8-1
										VALLEY VIEW AVE. & ARTESIA BLVD. SEE F.B. 1209-6 FOR DESC.

F.B. 2407 P.G. 13

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. 2407 P.G. 14

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 9:50 TO 10:40 Rod No. 11 & 12

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-1 To B.M. 8-2
Date 8-29-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.861		049		#11	5.504		050		B.M. 8-1
	4.812		050			5.454		049		VALLEY VIEW AVE & ARTESIA BLVD.
	4.762		099			5.405		099		SEE F.B. 1209-6 +4.812 −5.454 −0.642
1	14.435	4.812		099		16.363	5.454		.099	
										B.M. ARTESIA I-4A 1952
										VALLEY VIEW AVE. & ARTESIA BLVD.
										11 FT. S. OF AND 7.7 FT. E. OF
										℄ INTER. A STD. L.A.CO. TRAV.
	6.234		175			5.743		180		STAT. 14 "DEEP UNDER CAST IRON
	6.059		172			5.563		176		COVER.
	5.887		347			5.387		356		
2	18.180	6.060		.446		16.693	5.564		.455	J. MOODY
	4.738		176			5.778		177		
	4.562		175			5.601		174		
	4.387		351			5.427		351		
3	13.687	4.562		.797		16.806	5.602		.806	
	5.149		178			5.535		177		
	4.971		177			5.358		173		
	4.794		355			5.185		350		
4	14.814	4.971		1.152		16.078	5.359		1.156	
	9	15.593					16.525			

F.B. 2407 P.G. 15

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:50 TO 10:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0201.02
From B.M. 8-1 To B.M. 8-2
Date 8-29-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5212	15.593	180	1.152		5.622	16.525	181	1.156	
	5.032		177			5.441		182		
	4.855		357			5.259		363		
5	15.099	5.033		1.509		16.322	5.441		1.519	
	5238		181			4662		185		
	5.057		179			4.477		185		
	4.878		360			4.292		370		
6	15.173	5.058		1.869		13.431	4.477		1.889	
	5.755		187			5.655		187		
	5.568		186			5.468		185		
	5.382		373			5.283		372		
7	16.705	5.568		2.242		16.406	5.469		2.261	
	5.861		182			5.072		183		
	5.679		180			4.889		181		
	5.499		362			4.708		364		
8	17.039	5.680		2.604		14.669	4.890		2.625	
	5.625		088			5.392		094		
	5.537		085			5.298		090		
	5.452		373			5.208		184		
9	16.614	5.538	1	2.977		15.898	5.299	1	3.009	
		42.470					42.107			

F.B. 2407 P.G. 16

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E.D. Time 9:50 TO 10:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 8-1 To B.M. 8-2
Date 8-29-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5951	42.470'	188	2.977		5,243	42.102'	185	3.009	
	5,763		185			5,058		185		
	5,578 ✓		373'			4,873 ✓		370 ✓		
10	17,292	5,764		3350		15,174	5,058		3,379	
	6,023		184			5,399		181		
	5,839		182			5,218		180		
	5,657 ✓		✓ 366'			5,038 ✓		361'		
11	17,519	5,840		3,716		15655	5,218		3,740	
	5,851		183			5,289		181		+ 65.586 ✓
	5,668		181			5,108		180		- 64.048 7
	5,487 ✓		✓ 364'			4,928 ✓		✓ 361'		+ 1.538 9
12	17,006	5,669		4,080		15,325	5,108		4,101	
	6,025		183			6,739		177		
	5,842		179			6,562		177		B.M. 8-2
	5,663 ✓		✓ 362 ✓			6,385 ✓		✓ 354'		ARTESIA BLVD. & MARQUARDT AVE.
13	17,530	5,843		4,442		19,686	6,562		4,455	SEE F.B. 1209-7 FOR DESC.
	65.586 ✓					64.048 7				F.B. 2407 PG. 17

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. 2407 P.G. 18

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J. A. MOODY Time 9.00 to 11.00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-1 To BM 1-1
Date 8-30-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6412		175		#11	4932		172		BM 8-1
	6237		177			4760		170		VALLEY VIEW BL. & ARTESIA BL.
	6060		352			4590		342		SEE P.B. 1209-6 FOR DESC.
1	18.709	6236		352	66°	14282	4.761		342	
	5682		182			5151		181		
	5500		181			4970		181		
	5319		363			4789		362		⊼ G. E. DREIER
2	16.501	5.500		715		14910	4.970		704	
	5533		174			5277		177		
	5359		177			5100		176		
	5182		351			4924		353		
3	16074	5358		1066		15301	5100		1057	
	5638		177			5208		173		
	5461		176			5035		172		
	5285		353			4863		345		
4	16384	5461		1419		15106	5035		1402	
	5491		176			5119		188		
	5315		177			4931		188		
	5138		353			4743		376		
5	15944	5315		1772		14793	4931		1778	
		27.870					24.797			

F.B. 2407 P.G. 19

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCA Inst. No. 50010
Notes by J. A. Moody Time 9:00 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-1 To BM 1-1
Date 8-30-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5328	27.870	093	1.772		5182	2[illegible]97	096	1.778	
	5235		091			5086		095		
	5144		184			4991		191		
6	15707	5.236		1.956		15259	5.086		1.969	
	5310		184			5018		181		
	5126		184			4837		180		
	4942		368			4657		361		
7	15378	5.126		2324		14512	4.837		2330	
	5465		179			5096		188		
	5286		178			4908		188		
	5108		357			4720		376		378
8	15859	5.286		2681		14724	4.908		2.706	
	5619		186			5267		180		
	5433		184			5087		179		
	5249		370			4908		359		
9	16301	5.434		3051		15262	5.087		3065	
	5470		188			5099		188		
	5282		184			4911		188		
	5098		372			4723		376		
10	15850	5.283		3423		14733	4.911		3441	
		54.235					49.626			

F.B. 2407 P.G. 20

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50910
Notes by L. A. Moody Time 9:00 to 11:00 Rod No. 1 & 2

Name 1 & CO PRECISE LEVEL NET
Job No. 0301.02
From BM 8-1 To BM 1-1
Date 8-30-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5408	54.235	188	3423		5007	49.626	186	3441	
	5220		184			4821		183		
	5036		372			4638		369		
11	15664	5221		3795		14466	4822		3810	
	4995		184			4978		179		BM 1-1 (U.S. 42, T. 33, 1914)
	4811		182			4799		179		VALLEY VIEW BL. & S.P.R.R., APPR
	4629		366			4620		358		456' SO. OF ℄
12	14435	4812		4161		14397	4799		4168	SEE F.B. 1202-6 FOR DESC.
	5077		178			5327		186		
	4899		178			5141		183		
	4721		356			4958		369		
13	14697	4899		4517		15426	5142		4537	
	7192		188		5438	5438		175		BM 8-1 to BM 1-1
	7004		186		5263	5263		173		TOTAL BACKSIGHTS +76.172
	6818		374		5090	5090		348		TOTAL FORESIGHTS -69.653
14	21014	7005		4891		15791	5264		4885	DIFF IN ELEV. +6.519

F.B. 2407 P.G. 21

76.172 69.653

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. 2407 P.G. 22

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by J.A. MOODY Time 1:20 to 2:20 Rod No. 11 & 12

Name L.A. [illegible]
Job No. 0301.02
From BM 1-1 To BM 8-1
Date 9-4-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5431		179		#11	7177		184		B.M 1-1
	5252		179			6993		181		VALLEY VIEW AVE & S.P.R.R.
	5073		3581			6812		365		SEE F.B. 1202-6 FOR DESC.
1	15756	5252		358	86°	20982	6994		365	
	5266		185			5016		178		↑ G.E. DREIER
	5081		183			4838		178		
	4898		368			4660		356		
2	15245	5082		726		14514	4838		721	
	5099		179			5115		183		
	4920		180			4932		180		
	4740		3591			4752		363		
3	14759	4920		1085		14799	4933		1084	
	5053		185			5454		186		
	4868		185			5268		188		
	4683		3701			5080		374		
4	14604	4868		1455		15802	5267		1458	
	5130		186			5502		186		
	4944		185			5316		185		
	4759		3711			5131		3711		
5	14833	4944		1826		15949	5316		1829	
		25066					27348			

P.G. _____ F.B. _____

FB 2407 Pg 23

76P526 S & E #379 1-54

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Chief of Party ..... Weather *HAZE SUN* Inst. No. *50020*
Notes by *J. A. MOODY* Time *1:20 to 2* Rod No. *11 & 12*

Name **L. A. CO. PRECISE LEVEL NET**
Job No. *930102*
From *BM 1-1* To *BM 8-1*
Date *9-4-56*
Indexed *K. C. Johnson*

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5172	25066	181	1826		5523	27548	185	1829	
	4991		181			5338		187		
	4810		362			5151		372		
6	14973	4991		2188		16012	5337		2201	
	5053		185			5428		180		
	4868		188			5248		180		
	4680		373			5068		360		
7	14601	4867		2561		15744	5248		2561	
	5166		179			5457		184		
	4987		179			5273		181		
	4808		358			5092		365		
8	14961	4987		2919		15822	5274		2926	
	5153		095			5298		091		
	5058		096			5207		091		
	4962		191			5116		182		
9	15173	5058		3110		15621	5207		3108	
	5022		189			5400		181		
	4833		185			5219		180		
	4648		374			5039		361		
10	14503	4834		3484		15658	5219		3469	
	49803					52173				

F.B. 2407 Pg. 24

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

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather HAZE SUN Inst. No. 50919
Notes by J. A. Moody Time 1:20 to 2:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.03
From BM 1-1 To BM 8-1
Date 9-4-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5270	49.803	171	3484		5711	53.633	177	3469	
	5108		171			5534		177		
	4937		342			5357		354		
11	15324	5108		3826		16602	5534		3823	
	5331		178			5589		176		BM 1-1 to BM 1-8
	5153		175			5413		174		
	4978		353			5239		350		TOTAL BACK SIGHTS + 69.855
12	15462	5154		4179		16241	5414		4173	TOTAL FORE SIGHTS - 76.375
	5046		183			5578		183		DIFF IN ELEV. - 6.520
	4863		180			5395		182		
	4683		363			5213		365		
13	14592	4864		4542		16186	5395		4538	
	5098		172			6577		176		BM 8-1
	4926		173			6401		174		VALLEY VIEW AVE & ARTESIA BLVD
	4753		345			6227		350		SEE F.B. 1209-6 FOR DESC.
14	14777	4926		4887		19205	6402		4888	
	69.855					76.378				

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

1209-6 25

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

F.B. P.G.

FB. 2407 Pg. 26

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 11:30 TO 3:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-1 To B.M. 1-3
Date 8-30-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.881		108		#11	1.744		105		B.M. 1-1 (U.S. 42, T-33 1914)
	7.773		108			1.639		104		VALLEY VIEW BLVD. & S.P.R.R.,
	7.665		216			1.535		209		SEE F.B. 1202-6 FOR DESC.
1	23.319	7.773		.216		4.918	1.639		.209	
	10.432		117			1.639		102		
	10.315		118			1.537		102		
	10.197		235			1.435		204		T J. MOODY
2	30.944	10.315		.451		4.611	1.537		.413	
	9.423		125			1.898		136		
	9.298		123			1.762		133		
	9.175		248			1.629		269		
3	27.896	9.299		.699		5.289	1.763		.682	
	5.957		158			5.586		161		
	5.799		156			5.425		160		
	5.643		314			5.265		321		
4	17.399	5.800		1.013		16.276	5.425		1.003	
	2.888		110			8662		114		
	2.778		109			8548		113		
	2.669		219			8435		227		
5	8.335	2.778		1.232		25.645	8.548		1.230	
	85.965					18.912				

F.B. 2407 P.G. 27

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN HAZE Inst. No. 50010
Notes by G. E. DREIER Time 11:30 TO 3:00 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 1-1 To B.M. 1-3
Date 8-30-56
Indexed A. C. Johnson

F.B. 2407 P.G. 28

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.178	35.965	100	1.232		8.991	18.912	096	1.230	
	2.078		099			8.895		096		
	1.979		1991			8.799		1192		
6	6.235	2.078		1.431		26685	8.895		1.422	
	2.481		094			8.021		093		
	2.387		092			7.928		0944		
	2295		186			7.832		185		
7	7.163	2.388		1.617		23.781	7.927		1.629	
	3.156		149			6.091		162		
	3.007		148			5.929		158		
	2.859		297			5.771		1320		
8	9.022	3.007		2.014		17.791	5.930		1.929	
	5.820		183			4.898		187		
	5.637		182			4.711		183		
	5.455		365			4.528		3701		
9	16.912	5.637		2.379		14.137	4.712		2.299	
	6.019		190			4.482		189		
	5.829		190			4.293		188		
	5.639		380			4.105		3771		
10	17.487	5.829		2.459		12.880	4.293		2.676	
		54.904					50.669			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No 50010
Notes by G. E. DREIER Time 11:30 TO 3:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.2
From B.M. 1-1 To B.M. 1-3
Date 8-30-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.348	54.904	161	2.759		4.817	50.669	165	2.678	+61.090
	6.187		163			4.652		161		-55.322
	6.024		324			4.491		326		+5.768
11	18.559	6.186		3.083		13.960	4.653		3.008	
		61.090					55.322			B.M. 1-2
										VALLEY VIEW AVE. & ALONDRA BLVD
										SEE F.B. 1202-7 FOR DESC.
	5.811		112			5.355		118		
	5.699		110			5.237		118		
	5.589		222			5.119		236		
12	17.099	5.700		3.305		15.711	5.237		3.238	
	5.619		188			4.898		182		
	5.431		186			4.716		181		
	5.245		374			4.535		363		
13	16.295	5.432		3.279		14.149	4.716		3.603	
	5.813		169			4.688		199		
	5.644		166			4.489		198		
	5.478		335			4.291		397		
14	16.935	5.645		4.014		13.468	4.489		3.998	
		16.777					14.442			

F.B. 2407 P.G. 29

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Chief of Party G.E.DREIER Weather HAZY SUN Inst. No 50010
Notes by G.E.DREIER Time 11:30 TO 3:10 Rod No. 11 E12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M.1-1 To B.M.1-3
Date 8-30-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.543	16.777 ✓	164	4014 39		5.642	14.442 ✓	173	3998 4000	+22.157 ✓
	5.379		161			5.469		170		-19.912 ✓
	5.218		1325 ✓			5.299		343 ✓		+2.245 ✓
15	16.140	5.380		4.339		16.410	5.470		4.341	B.M.1-3 (U.S.3996 J-778 1945)
		22.157 ✓					19.912 ✓			VALLEY VIEW BLVD. N. OF ALONDRA BLVD.
										SEE F.B. 1202-8 FOR DESC.

F.B. 2407 P.G. 30

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G.E.DREIER Time 3:20 T.O Rod No. 11812

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From B.M. 1-3 To B.M. 1-1
Date 8-30-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5651		173			5.551		163		B.M. 1-3
	5.478		171			5,388		163		VALLEY VIEW AVE. N. OF ALONDRA BLVD,
	5.307		1344			5.225		326		SEE F.B. 1202-8 FOR DESC.
1	16.436	5.479		344		16.164	5.388		326	
	4.725		183			5.884		185		
	4.542		183			5.699		181		
	4.359		366			5.518		366		
2	13.626	4.542		.710		17.101	5.700		.692	
	4.633		182			5351		188		
	4.451		180			5.162		187		
	4.271		362			4.975		376		
3	13.355	4.452		1.072		15.488	5.163		1.068	
	5.317		119			5,774		111		+19.671
	5,198		119			5.663		111		-21.914
	5.079		1238			5.552		222		- 2.243
4	15.594	5.198		1.310		16.989	5.663		1.290	F.B. 2407 P.G. 31
		19.671					21.914			B.M 1-2
										VALLEY VIEW AVE & ALONDRA BLVD
										SEE F.B. 1202-7 FOR DESC.

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-3 To B.M. 1-1
Date 9-4-56
Indexed A. C. Johnson

F.B. 2407 P.G. 32

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.685		162	1310	#11	6.218		165	1.290	
	4.523		160			6.053		162		
	4.363		322			5.891		327		
5	13.571	4.524		1.632		18.162	6.054		1.617	
	4.272		189			5.811		192		
	4.083		188			5.619		188		
	3.895		377			5.431		380		
6	12.250	4.083		2.009		16.861	5.620		1.997	
	4.678		186			5.601		183		
	4.492		185			5.418		182		
	4.307		371			5.236		365		
7	13.477	4.492		2.380		16.255	5.418		2.362	
	6.103		160			3.168		149		
	5.943		160			3.019		147		
	5.783		320			2.872		296		
8	17.829	5.943		2.700		9.059	3.020		2.658	
	8.072		096			2.526		093		
	7.976		094			2.433		094		
	7.882		190			2.339		187		
9	23.930	7.977		2.890		7.298	2.433		2.845	
	27.019					22.545				

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. Weather Foggy Inst. No 50010
Notes by G. E. DREIER Time 10:15 T O Rod No. 11 ER2

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 1-3 To B.M. 1-1
Date 9-4-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.012	27.019	096	2.890		2.201	22.545	099	2.845	
	8.916		097			2.102		099		
	8.819		193			2.003		198		
10	26.747	8.916		3.083		6.306	2.102		3.043	
	8652		114			2873		110		
	8.538		111			2.763		109		
	8.427		225			2.654		219		
11	25.617	8.539		3.308		8.290	2.763		3.262	
	5.649		160			6.003		156		
	5.489		159			5.847		155		
	5.330		319			5.692		311		
12	16.468	5.489		3.627		17.542	5.847		3.573	
	2218		123			9782		134		
	2.095		124			9.648		136		
	1.971		247			9512		270		
13	6.284	2.095		3.874		28942	9.647		3.843	
	1.558		102			10.355		118		
	1.456		103			10.237		118		
	1.353		205			10.119		236		
14	4.367	1.456		4.079		30.711	10.237		4.079	
	53.514					53.141				

F.B. 2407 P.G. 33

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

Name L. A. [illegible]
Job No 0301, 02
From B.M. 1-3 To B.M. 1-1
Date 9-4-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.817	53.514'	1064.079'			7.951	5.2[illegible]41'	109	4.079'	+55.226'
	1.711		103			7.842		109		− 60.983'
	1.608		209'			7.733		218'		− 5.757'
15	5.136	1.712'		4.288'		23.526	7.842'		4.297'	B.M. 1-1 (U.S.42, T-33 1914)
		55.226'					60.983'			VALLEY VIEW AVE & S.P. RR,
										SEE F.B. 1202-6 FOR DESC.

F.B. 2407 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 HAZE SUN Inst. No. 50010
Notes by J. A. Moody Time 2:35 to 3:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-3 To BM 1-6
Date 9-4-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6193		095		#11	4562		113		BM 1-3 (U.S. 3996) (J 778)
	6098		096			4449		114		VALLEY VIEW AVE. &
	6002		191'			4335		227'		SEE F.B. 1202-8 FOR DESC.
1	18293'	6.098'		.191'	90°	13346'	4.449'		.227'	
	5917		189			4647		187		↑ G. E. DREIER
	5728		187			4460		185		
	5541		376'			4275		372'		
2	17186'	5.729'		.567'		13382'	4.461'		.599'	
	6103		182			4769		184		
	5921		182			4585		182		
	5739		364'			4403		366'		
3	17763'	5.921'		.931'		13757'	4.586'		.965'	
	6459		179			4476		185		
	6280		180			4291		187		
	6100		359'			4104		372'		
4	18839'	6.280'		1.290'		12871'	4.290'		1.337'	
	6076		179			4258		185		
	5897		180			4073		183		
	5717		359'			3890		368'		
5	17690'	5.897'		1.649'		12221'	4.074'		1.705'	
		29.925'					21.860'			

F.B. 2407 P.G. 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. [illegible] Weather HAZE Inst. No. 50010
Notes by J. A. Moody Time 2:35 to 3:[illegible] Rod No. 11 & 12

Name [illegible] A. CO. [illegible]
Job No. 0301.02
From BM 1-3 To BM 1-6
Date 9-4-56
Indexed A. C. Johnson

F.B. 2407 P.G. 36

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6743	29.925'	180	1649'	4128	4128	23.960'	185	1705'	
	6563		180		3943	3943		182		
	6383		360'		3761	3761		367'		
6	19689'	6.563'		2009'		11832'	3.944'		2072'	
	6513		181			4117		185		
	6132		180			3932		184		
	5952		361'			3748		369'		
7	18397'	6.132'		2370'		11797'	3.932'		2441'	
	6319		194			5272		174		
	6125		194			5098		173		
	5931		388'			4925		347'		
8	18375'	6.125'		2758'		15295'	5.098'		2788'	
	6361		183			4212		183		
	6178		186			4029		183		
	5992		369'			3846		366'		
9	18531'	6.177'		3127'		12087'	4.029'		3154'	
	8194		185			3364		186		
	8009		181			3178		187		
	7828		366'			2991		373'		
10	24031'	8.010'		3493'		9533'	3.178'		3527'	
	62,932'					42.041'				

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 J. A. Moody Time 2:35 to 3:25 Rod No. 118-2

Name L.A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 1-3 To BM 1-6
Date 9-4-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8697	62.932'	144	3493'		1731	42.041'	146	3527'	
	8553		143			1585		146		
	8410		287'			1439		292'		
11	25660'	8.553'		3780'		4755'	1.585'		3819'	BM 1-3 to BM 1-4A
	4353		150			5758		156		+75.688'
	4203		150			5602		152		-49.229'
	4053		300'			5450		308'		+26.459'
12	12609'	4.203'		4080'		16810'	5.603'		4127'	
		75.688'					49.229'			BM 1-4A (U.S. K778, 1945)
										VALLEY VIEW AVE & STAGE RD.
	5476		187			3905		188		
	5289		186			3717		187		
	5103		373'			3530		375'		
13	15868'	5.289'		4453'		11152'	3.717'		4502'	
	7491		201			4326		189		
	7290		201			4137		186		
	7089		402'			3951		375'		
14	21870'	7.290'		4855'		12414	4.138'		4877'	
		12.579'					7.855'			

F.B. 2407, P.G. 37

76P526 S & E #379 1-54

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Chief of Party G. E. [illegible] Weather OVERCAST Inst. No. 500.10
Notes by J. A. Moody Time 8:30 to 8:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 1-3 To B.M. 1-6
Date 9-5-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7118	12.579	192	4855		4630	7.885	193	4877	
	6926		193			4437		193		
	6733		385			4244		386		
15	20777	6.926		5240		13.311	4.437		5263	
	6584		196			4071		191		BM 1-4A to BM 1-6
	6388		198			3880		188		+39.379
	6190		394			3692		379		-23.850
16	19162	6.387		5634		11.643	3.881		5642	+15.529
	6437		195			3648		195		
	6242		192			3453		192		
	6050		387			3261		387		
17	18729	6.243		6021		10362	3.454		6029	
	7505		261			4458		236		
	7244		260			4222		233		
	6984		521			3989		469		
18	21733	7.244		6542		12669	4.223		6498	
										B.M. 1-6
										VALLEY VIEW AVE & ROSECRANS AVE
										SEE F.B. 1202-11 FOR DESC.

F.B. 2407 P.G. 38

39.379 [illegible]

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J. A. MOODY Time 9:30 to 10:10 Rod No. 11 & 12

Name L. A. CO. [illegible] LEVEL NET
Job No. 0301.02
From BM 1-4A To BM 1-3
Date 9-5-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5713		152			4318		165		BM 1-4A
	5561		152			4163		152		VALLEY VIEW AVE & STAGE RD.
	5409		304			4011		317		
1	16683	5561		.304		12492	4164		.317	
	1439		157			8386		136		↑ G.E. DREIER
	1282		154			8250		137		
	1128		311			8113		273		
2	3849	1283		.615		24749	8250		.590	
	2498		179			7344		187		
	2319		178			7157		189		
	2141		357			6968		376		
3	6958	2319		.972		21469	7156		.966	
	4210		183			6362		184		
	4027		183			6178		185		
	3844		366			5993		369		
4	12081	4027		1.338		18533	6178		1.325	
	5058		186			6077		184		
	4872		184			5893		183		
	4688		370			5710		367		
5	14618	4873		1.708		17680	5893		1.702	
	18.063					31.641				

F.B. 2407 P.G. 39

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVER CA Inst. No 52010
Notes by J.A. Moody Time 9:30 to 10 Rod No 11 ft.

Name L. A. CO. PRECISE LEVEL NET
Job No 0321.02
From BM 1-4A To BM 1-3
Date 9-5-56
Indexed A. C. Johnson

F.B. 2407 P.G. 40

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4977	18063	190	1708		7159	31641	181	1902	
	4787		191			6984		181		
	4596		381			6826		362		
6	14360	4787		2089		20967	6989		2064	
	3762		185			6375		184		
	3577		187			6191		182		
	3390		372			6009		366		
7	10729	3576		2461		18575	6192		2430	
	3628		177			5462		189		
	3451		178			5273		185		
	3273		355			5088		374		
8	10352	3451		2816		15823	5274		2804	
	3892		186			5875		177		
	3706		186			5698		176		
	3520		372			5522		353		
9	11118	3706		3188		17095	5698		3157	
	4298		177			5648		189		
	4121		178			5459		188		
	3943		355			5271		377		
10	12362	4121		3543		16378	5459		3534	
	37704					61253				

76P526 S & E #379 1-54

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Chief of Party G. E. [illegible] Weather OVERCAST Inst. No. 50010
Notes by J. A. Moody Time 9:30 to 10:10 Rod No. 11 E/2

Name L. A. CO. PRECISE LEVEL NET
Job No. 0391.02
From BM 1-4A To BM 1-3
Date 9-5-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4299	37.704'	187	3543'		5570	61.253'	188	3534'	
	4112		186			5382		185		
	3926		373'			5197		373'		
11	12.337'	4112'		3916'		16.149'	5383'		3907'	BM 1-4A to BM 1-3
	4385		114			6018		096		+ 46.089'
	4272		112			5922		095		− 72.558'
	4160		226'			5827		191'		= 26.469'
12	12.818'	4273'		4142'		17.767'	5922'		4098'	
		46.089'					72.558'			
										BM 1-3 (U.S. 3996 (J-778) 1945
										VALLEY VIEW AVE
										SEE F.B. 1202-8 for DESC.

F.B. 2407 P.G. 41

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

F.B. 2407 P.G. 42

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M.1-6 To B.M.1-7
Date 9-5-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.879		056		#11	5.608		071		B.M.1-6
	6.823		056			5.537		070		VALLEY VIEW BLVD. & ROSECRANS AVE
	6.767		112			5.467		141		SEE F.B. 1202-11 FOR DESC.
1	20.469	6.823		.112		16.612	5.537		141	+ 6.823
										= 5.537 + 1.286
	7.387		138			4.514		140		
	7.249		135			4.374		139		B.M. WHITTIER I-12 1956
	7.114		273			4.235		279		VALLEY VIEW AVE & ROSECRANS AVE
2	21.750	7.250		.385		13.123	4.374		420	12.5 S. & 10.8 W. OF CENTER.
	7.319		194			4.082		191		A STD. L.A.Co. TRAV. STAT. UNDER
	7.125		193			3.891		192		CAST IRON COVER
	6.932		387			3.699		383		
3	21.376	7.125		.772		11.672	3.891		803	
	5.999		151			8.063		136		
	5.848		150			7.927		135		
	5.698		301			7.792		271		
4	17.545	5.848		1.073		23.782	7.927		1.074	
	2.967		152			8.693		144		
	2.815		150			8.549		142		
	2.665		302			8.407		286		
5	8.447	2.816		1.375		25.649	8.550		1.360	
		23.039					24.742			

F.B. 2407 P.G. 43

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:50 TO Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-6 To B.M. 1-7
Date 9-5-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3,247	23.039	135	1.375		6,521	24.742	133	1.360	
	3.112		133			6,388		131		
	2,979		268			6,257		264		
6	9338	3.113		1,643		19,166	8.579		1,624	
	5,429		191			6,033		192		
	5,238		191			5,841		193		
	5,047		382			5,648		385		
7	15,714	5.238		2,025		17,522	8.241		2,009	
	4,565		136			7,579		132		
	4,429		135			7,447		134		
	4,294		271			7,313		266		
8	13,288	4.429		2,296		22,339	7.446		2,275	
	2,808		187			8,508		192		
	2,621		188			8,316		193		
	2,433		375			8,123		385		
9	7,862	2.624		2,671		24,947	8.316		2,660	
	3,414		106			5,968		103		+41.749
	3,308		104			5,865		102		-58.599
	3,204		210			5,763		205		-16,850
10	9,926	3.309		2,851		17,596	5.865		2,865	
	41.749					58.599				

F.B. 2407 P.G. 44

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 J. MOODY Time 10:50 TO 2:05 Rod No 11 #12

Name L.A. CO. PRECISE LEVEL NET
Job No 030102
From B.M.1-6 To B.M.1-7
Date 9-5-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
			2.881'					2.865'		T.B.M. VALLEY VIEW AVE. & MANSA DR., N.W. COR., L.& N. IN S. END OF W. HEADWALL OF CULVERT
	3968		075			5119		078		
	3893		075			5041		079		T G.E. DREIER
	3818		150'			4962		157'		
11	11.679'	3.893'		3.031'		15.122'	5.041'		3.022'	
	5012		183			4337		187		
	4829		184			4150		186		
	4645		367'			3964		373'		
12	14.486'	4.829'		3.398'		12.451'	4.150'		3.395'	
	5377		187			4687		189		
	5190		189			4498		189		
	5001		376'			4309		378'		
13	15.568'	5.189'		3.774'		13.494'	4.498'		3.773'	
	5553		182			4938		184		
	5371		182			4754		182		
	5189		364'			4572		366'		
14	16.113'	5.371'		4.138'		14.264'	4.755'		4.139'	
			19282'					18444'		

F.B. 2407 P.G. 45

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by J. A. MOODY Time 10:50 TO 2:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-6 To BM. 1-7
Date 9-5-56
Indexed A. C. Johnson

F.B. 2407 P.G. 46

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5973	19.282'	184	4138'		5333	18.444'	185	4139'	
	5789		185			5148		184		
	5604		369'			4964		369'		
15	17366	5.789'		4507'		15445	5.148'		4508'	
	6100		187			5382		184		
	5913		185			5198		186		
	5728		372'			5012		370'		
16	17741	5.914'		4879'		15592	5.197'		4878'	
	5917		187			5223		182		
	5730		184			5041		182		
	5546		371'			4859		364'		
17	17193	5.731'		5250'		15123	5.041'		5242'	
	5911		183			5269		185		
	5728		181			5084		183		
	5547		364'			4901		368'		
18	17186	5.729'		5614'		15254	5.085'		5610'	
	6136		188			5392		181		
	5948		186			5211		180		
	5762		374'			5031		361'		
19	17846	5.949'		5988'		15634	5.211'		5971'	
			48394'					44126'		

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 J. A. MOODY Time 10:50 to 2:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-6 To BM 1-7
Date 9-5-56
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
	6071	48.394	184	5988		4883	44.126	190	5971	
	5887		188			4693		189		
	5699		372			4504		379		
20	17657	5.886		6360		14080	4.693		6350	
	8711		166			1101		169		
	8545		166			0932		165		
	8379		332			0767		334		
21	25635	8.545		6692		2800	0.933		6684	T.B.M. to B.M 1-7
	9700		188			4519		190		+ 83.361
	9512		184			4329		189		- 63.576
	9328		372			4140		379		+ 19.785
22	28540	9.513		7064		12988	4.329		7063	
	3150		196			5837		185		
	2954		192			5652		184		
	2762		388			5468		369	74	
23	8866	2.955		7452		16957	5.652		7432	
	8246		178			4032		129		B.M. 1-7
	8068		177			3843		189		HWY
	7891		355			3654		378	78	VALLEY VIEW AVE & IMPERIAL
24	24205	8.068		7807		11529	3.843		7510	SEE F.B. 1202-12 FOR DESC.
	83.361					63.576				

F.B. 2407 P.G. 47

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

F.B. 2407 P.G. 48

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No 50010
Notes by J. A. MOODY Time 2:20 to 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 1-7 To B.M. 1-6
Date 9-5-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3957		189		# 11	8171		178		BM 1-7
	3768		187			7993		176		VALLEY VIEW AVE & IMPERIAL HWY
	3581		376'			7817		354'		SEE FB 1202-12 FOR DESC.
1	11.306'	3.769'		376'	92°	23.981'	7.994'		3.54'	
	5993		188			3307		193		↑ G. E. DREIER
	5805		186			3114		194		
	5619		374'			2920		387'		
2	17.417'	5.806'		.750'		9.341'	3.114'		.741'	
	4375		190			9556		186		
	4185		192			9370		185		
	3993		382'			9185		371'		
3	12.553'	4.184'		1.132'		28.111'	9.370'		1.112'	
	0999		171			8603		165		
	0828		171			8438		164		
	0657		342'			8274		329'		
4	2.484'	0.828'		1.474'		25.315'	8.438'		1.441'	
	4871		189			6057		185		
	4682		190			5872		185		
	4492		379'			5687		370'		
5	14.045'	4.682'		1.853'		17.616'	5.872'		1.811'	
	19.269'					34.788'				
	3 22					22 1				

F.B. 2407 P.G. 49

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 S... Inst. No. 50010
Notes by J. A. MOODY Time 2:20 to 4:00 Rod No. 1182

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-7 To BM 1-6
Date 9-5-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5371	19.269'	177	1853'		6120	3...88'	190	1811'	
	5194		177			5930		188		
	5017		354'			5742		378'		
6	15582'	5.194'		2207'		17792'	5.931'		2189'	
	5320		180			5969		186		
	5140		181			5782		184		
	4959		361'			5598		370'		
7	15419'	5.140'		2568'		17348'	5.783'		2559'	
	5310		183			6005		187		
	5127		184			5818		186		
	4943		367'			5632		373'		
8	15380'	5.127'		2935'		17455'	5.8...'		2932'	
	5328		185			6046		188		
	5143		183			5858		186		
	4960		368'			5672		374'		
9	15431'	5.144'		3303'		17576'	5.859'		3306'	
	5324		184			5966		186		
	5140		184			5780		183		
	4956		368'			5597		369'		
10	15420'	5.140'		3671'		17343'	5.780'		3675'	
		45014'					6...959'			

F.B. 2407 P.G. 50

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by J.A. Moody Time 2:20 to 4:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 1-7 To BM 1-6
Date 9-5-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5023	45.014'	184	367'		5639	63.959'	182	365'	
	4839		185			5457		183		
	4654		369'			5274		365'		
11	14516'	4839'		4040'		16370'	5457'		4040'	
	4666		189			5362		190		
	4477		189			5172		189		
	4288		378'			4983		379'		
12	13431'	4477'		4418'		15517'	5172'		4419'	
	4599		186			5277		186		
	4413		185			5091		182		
	4228		371'			4909		368'		
13	13240'	4413'		4789'		15277'	5092'		4787'	
	5110		078			3962		076		+63.775'
	5032		078			3886		076		-83.566'
	4954		156'			3810		152'		-19.791'
14	15096'	5032'		4945'		11658'	3886'		4939'	F.B. 2407 P.G. 57
		63.775'					83.566'			
										T.B.M. VALLEY VIEW AVE & MANSA DR. N.W. COR, L.& N. IN S. END OF W. CULVERT HEADWALL

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Hazy Sunny Inst. No. 50010
Notes by G.E. DREIER Time 2:20 to 4:00 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-7 To BM 1-6
Date 9-5-56
Indexed A. C. Johnson

F.B. 2407 P.G. 52

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.779		103	4.945		3.219		104	4.939	A. J. Moody
	5.676		101			3.115		104		
	5.575		204			3.011		208		
15	17.030	5.677		5.149		9.345	3.115		5.147	
	8.457		195			2.752		189		
	8.262		191			2.563		185		
	8.071		386			2.378		374		
16	24.790	8.263		5.535		7.693	2.564		5.521	
	7.571		134			4.554		135		
	7.437		134			4.419		134		
	7.303		268			4.285		269		
17	22.311	7.437		5.803		13.258	4.419		5.790	
	6.068		191			5.463		192		
	5.877		194			5.271		190		
	5.683		385			5.081		382		
18	17.628	5.876		6.188		15.815	5.272		6.172	
	6.459		132			3.185		133		
	6.327		132			3.052		133		
	6.195		264			2.919		266		
19	18.981	6.327		6.452		9.156	3.052		6.438	
		33.580					18.422			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY-SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-7 To B.M. 1-6
Date 9-5-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.757	33.580	144	6.452		3.029	18.422	153	6.438	
	8.613		142			2.876		149		
	8.471		286			2.727		302		
20	25.841	8.614		6.738		8.632	2.877		6.740	
	8.083		140			6.009		148		
	7.943		139			5.861		147		
	7.804		279			5.714		295		+ 58.277
21	23.830	7.943		7.017		17.584	5.861		7.035	- 41.417
	4.038		194			7.276		195		+ 16.860
	3.844		190			7.081		193		
	3.654		384			6.888		388		
22	11.536	3.845		7.401		21.245	7.082		7.423	
	4.435		141			7.309		134		B.M. WHITTIER I-12 1956
	4.294		138			7.175		134		VALLEY VIEW AVE & ROSECRANS AVE
	4.156		279			7.041		268		125 FT. S. & 10 FT. W. OF ℄ INTER.
23	12.885	4.295		7.680		21.525	7.175		7.691	STD. L.A. CO. TRAV. STAT. UNDER CONC.
	5.602	58.277	068			6 8 78	41.417	059		
	5.534		067			6.819		058		B.M. 1-6
	5.467		135			6.761		117		VALLEY VIEW AVE & ROSECRANS AVE
24	16.603	5.534		7.815		20.458	6.819		7.808	SEE F.B. 1202-11 FOR DESC.

5.534
- 1.285

F.B. 2407 P.G. 53

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

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

F.B. 2407 P.G. 54

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 J. A. Moody Time 8:40 to 9:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. C 301.02
From B.M. 1-7 To B.M. 1-8
Date 9-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7812		.086		± 11	5733		.080		B.M. 1-7
	7742		.084			5653		.081		HWY. VALLEY VIEW AVE. & IMPERIAL
	7658		.170'			5572		.161'		SEE F.B. 1202-12 for DESC.
1	23278'	7.743'		.170'	64°	16.958'	5.653'		.161'	
	-5.653'									B.M. WHITTIER I-10 B 1952
	+2.090'									VALLEY VIEW AVE & IMPERIAL HWY
										11'ft W. of ℄ INTER. A STD LA.
										Co. TRAVERSE STATION
	9533		.201			2973		.191		
	9332		.199			2782		.189		⊼ G.E. DREIER.
	9133		400'			2593		380'		
2	27998	9.333'		.570'		8348	2.783'		.541'	
	7798		.179			3052		.174		
	7619		.177			2878		.176		
	7442		356'			2702		350'		
3	22859'	7.620'		.926'		8632'	2.877'		.891'	
	9098		.144			1032		.152		
	8954		.140			0880		.150		
	8814		284'			0730		302'		
4	26866'	8.955'		1.210'		2642'	0.881'		1.193'	
	25908'					6.541'				

F.B. 2407 P.G. 55

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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

Name L. A. CO. PRECISE LEVEL NE[illegible]
Job No. 0301.02
From BM 1-7 To BM 1-8
Date 9-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9790	25908	144	1210		1565	[illegible]	148	1193	
	9646		146			1417		146		
	9500		290			1269		294		
5	28936	9.645		1500		4251	[illegible]		1487	BM 1-7 to WHITTIER I-10A
	5559		045			5415		041		+41.068
	5514		042			5374		041		-13.332
	5472		087			5333		082		+27.736
6	16545	5515		1587		16122	[illegible]		1569	
		41.068					13[illegible]			B.M. WHITTIER I-10A 1952 VALLEY VIEW AVE. ± 1130 FT. S. OF LEFFINGWELL RD., 11 FT. W. OF ℄, STD. L.A. CO. TRAV. STAT. UNDER CAST IRON COVER.
	6931		148			5371		140		
	6783		144			5231		140		
	6639		292			5091		280		
7	20353	6.784		1879		15693	[illegible]		1849	
	5952		180			5232		182		
	5772		180			5050		183		
	5592		360			4867		365		
8	17316	5772		2239		15149	50[illegible]		2214	
		12556					10[illegible]			

F.B. 2407 P.G. 56

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 J. A. MOODY Time 8:40 to 9:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0391.02
From BM 1-7 To BM 1-8
Date 9-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5702	12.556	180	2239		5282	10.218	183	2210	
	5619		180			5102		183		
	5439		360			4919		366		
9	16857	5619		2599		15306	5102		2580	
	6612		167			2390		162		
	6451		169			2228		161		
	6282		336			2067		323		
10	19351	6450		2935		6685	2228		2903	
	10110		150			2095		168		BM 1-8 (WHITTIER I-10) 1942 RD.
	9960		149			1927		168		VALLEY VIEW AVE & LEFFINGWELL
	9811		299			1759		336		SEE F.B. 1202-13 FOR DESC.
11	29881	9.960		3234		5781	1.927		3229	
		34.585					19.538			
										WHITTIER I-10A to BM 1-8
										+ 34585
										- 19.538
										+ 15.047

F.B. 2407 P.G. 57

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. 2407 P.G. 58

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by J.A. MOORY Time 9:40 to 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-8 To BM 1-7
Date 9-6-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2150		169		#11	10.167		151		BM 1-8 (WHITTIER I-10) R.D. VALLEY VIEW AVE & LEFFINGWELL. SEE F.B. 1202-13 FOR DESC.
	1981		170			10.016		151		
	1811		339			9.865		302		
1	5942	1.981		.339	78°	30.048	10.016		.302	
	2314		157			6552		172		* G.E. DREIER
	2157		158			6380		171		
	1999		315			6209		343		
2	6470	2.157		.654		19.141	6.380		.645	
	5160		183			5679		184		
	4977		180			5495		184		
	4797		363			5311		368		
3	14934	4.978		1.017		16.485	5.495		1.013	
	5080		182			5804		183		
	4898		181			5621		182		
	4717		363			5439		365		
4	14695	4.898		1.380		16864	5.621		1.378	BM 1-8 to I-10 A
	5344		144			6902		145		+ 19.214
	5200		143			6757		146		- 34.269
	5057		287			6611		291		- 15.055
5	15601	5.200		1.667		20270	6.757		1.669	
	19.214					34.269				

F.B. 2407 P.G. 59

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by J. A. MOODY Time 9:40 to 10:3[illegible] Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-8 To BM 1-7
Date 9-6-56
Indexed [illegible]

F.B. 2407 P.G. 60

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				1667					1669	BM WHITTIER I-10A 1952 VALLEY VIEW AVE. ± 1130ft. S. of LEFFINGWELL RD, 11ft W. of ℄, STD L.A.CO. TRAV. STATION
	5671		040			5813		040		
	5631		040			5773		041		
	5591		080			5732		081		
6	16893	5.631		1747		17318	5.773		1750	
	1784		143			10018		147		
	1641		143			9871		147		
	1498		286			9724		2946		
7	4923	1.641		2033		29613	9.871		2014	
	1063		145			9144		152		
	0918		145			8992		150		
	0773		290			8842		302		
8	2754	0.918		2323		26978	8.993		2346	
	3048		180			7787		175		
	2868		177			7612		173		
	2691		357			7439		348		
9	8607	2.869		2680		22838	7.613		2694	
		11.059					32.050			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by J. A. Moody Time 9:40 to 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-8 To BM 1-7
Date 9-6-56
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2933	11.059	193	2680		9488	32.250	197	2694	I-10 A to I-10 B
	2740		192			9291		195		+13.799
	2548		385			9096		392		-41.542
10	8.221	2.740		3065		27875	9.292		3086	-27.743
		13.799					41.542		3.065	
									6.151	BM WHITTIER I-10-B 1952
									0.140	VALLEY VIEW AVE & IMPERIAL HWY
										11'ft W. of & INTER., A STD. L.A.
										Co. TRAV. STATION.
	5785		084			7871		083		
	5701		084			7791		082		
	5617		168			7709		165		
11	17.103	5.701		3233		23747.79			3251	BM 1-7
						+5.701				VALLEY VIEW AVE & IMPERIAL HWY
						-2.090				SEE F.B. 1202-12 FOR DESC.
										I-10 B to BM 1-7
										+5.701
										-7.791
										-2.090

F.B. 2407 P.G. 61

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

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

F.B. 2407 P.G. 62

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 1-8 To B.M. 1-10
Date 9-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7030		202		#11	5751		178		B.M. 1-8 (WHITTIER I-10) R.D
	6828		202			5573		176		VALLEY VIEW AVE LEFFINGWELL.
	6626		404			5397		354		SEE F.B. 1202-13 FOR DESC.
1	20484	6828		404	82°	16721	5574		354	
	4678		175			4666		182		↑ G.E. DREIER
	4503		173			4484		180		
	4330		348			4304		362		
2	13511	4504		752		13454	4485		716	
	6969		171			3056		188		
	6798		170			2868		187		
	6628		341			2681		375		
3	20395	6798		1093		8605	2868		1091	
	7311		180			3044		191		
	7131		180			2853		192		
	6951		360			2661		383		
4	21393	7131		1453		8558	2853		1474	
	7443		185			2417		168		
	7258		185			2249		170		
	7073		370			2079		338		
5	21774	7258		1823		6745	2248		1812	
		32519					18028			

F.B. 2467 P.G. 63

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 500 10
Notes by J. A. MEADOW Time 11:10 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-8 To BM 1-10
Date 9-6-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9233	32.519	179	1823		0539	1802.8	168	1812	
	9054		177			0371		167		
	8877		356			0204		335		
6	27164	9055		2179		11140	3717		2147	
	9530		179			3719		189		
	9351		182			3530		188		
	9169		361			3342		377		
7	28050	9350		2540		10591	3530		2524	
	6612		165			4979		159		
	6447		165			4820		158		
	6282		330			4662		317		
8	19341	6447		2870		14461	4820		2841	
	7276		189			2290		190		
	7087		190			2109		190		
	6897		379			1919		380		
9	21260	7087		3249		6327	2109		3221	
	6532		161			2533		165		
	6371		160			2368		164		
	6211		321			2204		329		
10	19114	6371		3575		7105	2368		3550	
		70829					21226			

F.B. 2407 P.G. 64

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-8 To BM 1-10
Date 9-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6873	70.829	171	3570		3212	31.226	172	3550	
	6702		170			3040		169		
	6532		341			2871		341		
11	20.107	6.702		3911		9.123	3.041		3891	
	7386		221			3501		214		
	7165		218			3287		212		
	6947		439			3075		426		
12	21.498	7.166		4350		9.863	3.288		4317	
	6598		171			3647		166		
	6427		170			3481		163		
	6257		341			3318		329		
13	19.282	6.427		4691		10.446	3.482		4646	
	7094		164			3368		175		
	6930		163			3193		173		
	6767		327			3020		348		
14	20.791	6.930		5018		9.581	3.194		4994	
	7337		194			3169		200		
	7143		193			2969		197		
	6950		387			2772		397		
15	21.430	7.143		5405		8.910	2.970		5381	
		35.197					47.201			

F.B. 2407 P.G. 65

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 1-8 To B.M. 1-10
Date 9-6-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.852	38.968	193	8.583		10.498	10.44	190	8.580	CONT. FROM PG. 68
	1.659		191			10.308		190		
	1.468		384			10.118		380		
25	4.979	1.660		8.967		30.924	10.308		8.940	
	1.486		203			9.521		204		
	1.283		201			9.317		204		
	1.082		404			9.113		408		
26	3.851	1.284		9.371		27.951	9.317		9.348	
	1.445		178			8.804		176		+47.227
	1.267		176			8.628		177		-85.497
	1.091		354			8.451		353		-40.270
27	3.803	1.268		9.725		25.883	8.628		9.781	
	4.131		084			7.587		088		
	4.047		084			7.499		085		B.M. 1-10
	3.963		168	9.893		7.414		173	9.868	COLIMA RD. & HAWES ST.
28	12.141	4.047				22.500	7.500			SEE F.B. 1202-15 FOR DESC.
		47.227					87.197		9.893	
									19.777	
									1.27m	

F.B. 2407 P.G. 66

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 1-8 To B.M. 1-10
Date 9-6-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6217	105,197	144	5405		5036	47.201	150	5381	CONT. FROM PG. 65 + 111.271
	6073		141			4886		150		− 52.087
	5932		285			4736		300		+ 59.184
16	18222	6.074		5690		14658	4886		5681	
		111.271					52.087			B.M. 1-9 A COLIMA RD & MILLER RD. (TO E.) & INTER. STD. C.S. MON, "R.E. 329' 18 INCHES DEEP
	8.067		176			5.007		174		
	7.891		172			4.833		170		
	7.719		348			4.663		344		
17	23677	7.892		6038		14503	4.834		6025	
	6.109		174			5.362		173		
	5.935		174			5.189		171		
	5.761		348			5.018		344		
18	17805	5.935		6386		15569	5.190		6389	
	5.473		194			5.543		195		
	5.279		191			5.348		191		
	5.088		385			5.157		386		
19	15840	5.280		6771		16048	5.349		6765	
		19.107					15.373			

F.B. 2407 P.G. 67

76P526 S & E #379 1-54

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Chief of Party **G. E. DREIER** Weather HAZY SUN Inst. No. 50010
Notes by G.E.DREIER Time 11:10 T° Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 1-8 To B.M. 1-10
Date 9-6-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.297	19.107	177	6.771		5.861		178	6.755	
	4.920		173			5.683		176		
	4.747		350			5.507		354		
20	14.764	4.92		7.121		17.051	5.684		7.109	
	5.059		178			6.805		179		
	4.881		176			6.629		178		
	4.705		354			6.451		357		
21	14.645	4.882		7.475		19.888	6.629		7.486	
	3.891		180			6.519		180		
	3.711		182			6.339		180		
	3.529		362			6.159		360		
22	11.131	3.710		7.837		19.017	6.339		7.886	
	3.278		193			7.917		188		
	3.085		194			7.731		186		
	2.891		387			7.545		374		
23	9.254	3.085		8.224		23.193	7.732		82.100	
	3.442		179			10.167		181		
	3.263		180			9.986		179		
	3.083		359			9.807		360		
24	9.788	3.263		8.583		29.960	9.987		8.580	
		38.968					51.744			

F.B. 2407 P.G. 68

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Chief of Party G.E. Grier Weather Clear Inst. No. 50010
Notes by J. Moody Time 9:45 to 12:30 Rod No. 11 & 12

Name La Co Precise Level Net
Job No. 03a102
From BM 1-10 To BM 1-8
Date 2-5-57
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
	6692		105		11	3106		075		BM 1-10
	6587		105			3031		076		Colima Rd. & Hawes St
	6482		210			2955		151		See F.B. 1202-15 for Desc.
1	19.761	6.587		.210	66°	9.092	3.031		.151	
	9278		171			2027		177		
	9107		170			1850		177		
	8937		341			1673		354		
2	27.322	9.107		.551		5.550	1.850		.505	
	9618		202			1239		212		
	9416		201			1027		213		
	9215		403			0814		425		
3	28.249	9.416		.954		3.080	1.027		.930	
	8033		114			2676		130		
	7919		113			2546		129		
	7806		227			2417		259		
4	23.758	7.919		1.181		7.639	2.546		1.189	
	9547		154			2553		175		
	9393		150			2378		176		
	9243		304			2202		353		
5	28.183	9.394		1.485		7.133	2.378		1.542	
		42.423					10.832			

F.B. 2407 P.G. 69

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by J. Moody Time 9:45 to 12:30 Rod No. 11 & 12

Name LA Co. Precise level net
Job No. 0301.02
From BM 1-10 To BM 1-8
Date 2-5-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8903	42423	171	1485		3588	[illegible]	177	1542	
	8732		171			3411		174		
	8561		342			3237		351		
6	26196	8.732		1827		10236	3412		1893	
	7455		192			3853		193		
	7263		191			3660		193		
	7072		383			3467		386		
7	21790	7.263		2210		10980	3666		2279	
	6828		181			4471		183		
	6647		181			4288		183		
	6466		362			4105		366		
8	19941	6.647		2572		12864	4[illegible]8		2645	
	5840		178			4799		174		
	5662		177			4625		174		
	5485		355			4451		348		
9	16987	5.662		2927		13875	4[illegible]5		2993	
	5763		185			5757		186		
	5578		185			5571		184		
	5393		370			5387		370		
10	16734	5.578		3297		16715	5[illegible]2		3363	
		76.305					32.389			

F.B. 2407 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. Weather Clear Inst. No. 50010
Notes by J. Moody Time 9:45 to 12:30 Rod No. 11 & 12

Name L. A. CO. FRA[illegible] LEVEL NET
Job No. 0391.02
From BM 1-10 To BM 1-8
Date 2-5-57 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5750	76.305	192	3297		5888	32389	193	3363	
	5558		190			5695		192		
	5368		382			5503		385		
11	16.676	5.559		3679		17086	5.695		3748	
	4923		236			8419		226		+ 86.550
	4687		238			8193		223		- 46.278
	4449		474			7970		449		+ 40.272
12	14.059	4.686		4153		24582	8.194		4197	
		86.550					46.278			BM 1-9A (to east) (to west) Colima Rd & Miller Rd, & Reis Rd Sta. C.S. Mon. 18" deep under cast iron cover
	4675		192			7137		189		
	4483		192			6948		188		
	4291		384			6760		377		
13	13.449	4.483		4537		20845	6.948		4574	
	3431		192			7459		190		
	3239		191			7269		190		
	3048		383			7079		380		
14	9.718	3.239		4920		21807	7.269		4954	
		7.722					14.217			

F.B. 2407 P.G. 77

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear, Smog Inst. No 50010
Notes by J. Moody Time 9:45 to 12:30 Rod No. 11.5-12

Name
Job No 230102
From BM 1-10 To BM 1-8
Date 2-5-57
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
	3082	7.722	194	4920		7391	14.717	183	49544	
	2888		192			7208		185		
	2696		386			7023		368		
15	8.666	2.889		5306		21622	7207		5322	
	4076		192			7212		190		
	3884		191			7022		190		
	3693		383			6832		380		
16	11653	3.884		5689		21066	7.022		5702	
	3903		191			7291		191		
	3712		190			7100		188		
	3522		381			6912		379		
17	11.137	3.712		6070		21303	7.101		6081	
	3335		197			7633		185		
	3138		196			7448		185		
	2942		393			7263		370		
18	9.415	3.138		6463		22344	7.448		6451	
	3267		195			8400		188		
	3072		192			8212		185		
	2880		387			8027		373		
19	9219	3.073		6850		24639	8213		6824	
	24.418					51.208				

F.B. 2407 P.G. 72

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. [illegible] Weather Clear Sun Inst. No. 50010
Notes by J. Moody Time 9:45 & 12:30 Rod No. 11 & 12

Name L. A. CO. [illegible] NET
Job No. 0301.02
From BM 1-10 To BM 1-8
Date 2-5-57
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
	3252	2.4418	190	6850		6373	5.1208	192	6824	
	3062		189			6181		191		
	2873		379			5990		383		
20	9.187	3.062		7229		18.544	6.181		7207	
	5195		193			8997		195		
	5002		191			8802		193		
	4811		384			8609		388		
21	15.008	5.003		7613		26.408	8.803		7595	
	0783		186			10911		196		
	0597		187			10715		196		
	0410		373			10519		392		
22	1.790	0.597		7986		32.145	10.715		7987	
	2023		192			7497		193		
	1831		190			7304		193		
	1641		382			7111		386		
23	5.495	1.832		8368		21.912	7.304		8373	
	3077		190			7672		192		
	2887		191			7480		190		
	2696		381			7290		382		
24	8.660	2.887		8749		22.442	7.481		8755	
	37.789					91.692				

F.B. 2467 P.G. 73

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather Clear, Sun Inst. No. 50010
Notes by J. Moody Time 9:45 to 12:30 Rod No. 11 & 12

Name [illegible]
Job No. 030102
From BM 1-10 To BM 1-8
Date 2-5-57
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
	3168	37.789	195	87.49		7273	91.692	183	87.55	
	2973		193			7090		183		
	2780		388			6907		366		
25	8921	2.974		9.137		21270	7.090		9.121	.505
	4950		192			5149		191		+ 51.495
	4758		191			4958		190		- 110.688
	4567		383			4768		381		- 59.183
26	14275	4.758		9.520		14875	4.958		9.502	
	6142		169			7127		179		BM 1-8
	5973		166			6948		178		Leffingwell Rd. & Valley View Ave
	5807		335			6770		357		See F.B. 1202-13 for desc.
27	17922	5.974		9.855		20845	6.948		9.859	
									9.855	
									19.71	= 1.2½ mi.
										Summation of Run
									Diff in Elev	B.M. 1-10 to 1-9A +38.272
									" " "	" 1-9A to 1-8 - 59.183
									" " "	" 1-10 to 1-8 - 11.689 ?
										18.911
										Adjust 1952 Diff = (18.913)
		505								
		51.495					110.688			

F.B. 2407 P.G. 74

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No 50010
Notes by G.E. DREIER Time 2:00 TO 3:30 Rod No 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No 0301.02
From B.M. 1-10 To B.M. 1-11
Date 2-4-57
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
	4.771		188		# 11	3.044		182		B.M. 1-10
	4.583		184			2.862		183		COLIMA RD. & HAWES ST
	4.399		372			2.679		365		SEE F.B. 1202-15 FOR DESC.
1	13.753	4.584		.372	60°	8.585	2.862		.365	
	6.092		184			7.438		183		
	5.908		183			7.255		184		
	5.725		367			7.071		367		T J. MOODY
2	17.725	5.908		.739		21.764	7.255		.732	
	5318		185			4.677		185		
	5133		182			4.492		182		
	4951		367			4310		367		
3	15.402	5.134		1.106		13.479	4.493		1.099	
	6.577		186			4.630		185		
	6.391		182			4.445		186		
	6.209		368			4259		371		
4	19.177	6.392		1.474		13.334	4.445		1.470	
	6.818		185			4.892		185		
	6.633		181			4.707		182		
	6.452		366			4.525		367		
5	19.903	6.634		1.840		14.124	4.708		1.837	
		28.652					23.763			

F.B. 2407 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 Inst. No. 50010
Notes by G.E. DREIER Time 2:00 TO 3:30 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-10 To B.M. 1-11
Date 2-4-57
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
	6.479	28.652	182	1.840		4.499	23.763	181	1.837	
	6.297		184			4.318		180		
	6.113		366			4.138		361		
6	18.889	6.296		2.206		12.955	8.318		2.198	
	6.854		191			3.364		193		
	6.663		189			3.171		193		
	6.474		380			2.978		386		
7	19.991	6.664		2.586		9.513	3.171		2.584	
	6.662		194			3.893		189		
	6.468		194			3.204		187		
	6.274		388			3.017		376		
8	19.404	6.468		2.974		9.614	3.205		2.960	
	8.348		201			2.210		202		+ 56.228
	8.147		199			2.008		200		- 36.466
	7.948		400			1.808		402		+ 19.762
9	24.443	8.148		3.374		6.026	2.009		3.362	
		56.228					36.466			B.M. 1-10A
										COLIMA RD. & LAMBERT RD., E INT.
										STA. C.S. MON 12" DEEP UNDER
										CAST IRON COVER

F.B. 2407 P.G. 76

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather HAZE Inst. No. 50010
Notes by G.E.DREIER Time 2:00 TO 3:30 Rod No 11 & 12

Name L.A.Co.PRECISE LEVEL NET
Job No 0301.02
From B.M. 1-10 To B.M. 1-11
Date 2-4-57
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
	8.782		224	3.374		3738		219	3.362	
	8.558		225			3.519		217		
	8.333		449			3.302		436		
10	25.673	8.558		3.823		10.559	3.520		3.798	
	7.819		192			2959		198		
	7.627		194			2.761		197		
	7.433		386			2.564		395		
11	22.879	7.626		4.209		8.284	2.761		4.193	
	7788		160			3.362		164		
	7.628		160			3.198		167		
	7.468		320			3.031		331		
12	22.884	7.628		4.529		9.591	3.197		4.524	
	8345		208			2.888		207		
	8.137		206			2.681		206		
	7931		414			2.475		413		
13	24.413	8.138		4943		8.044	2.681		4.937	
	8.298		200			2994		201		
	8.098		199			2.793		200		
	7.899		399			2593		401		
14	24.295	8.098		5.342		8.380	2.793		5.338	
		40.048					14.952			

F.B. 2407 P.G. 77

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather H/A.Z.E. Inst. No. 50010
Notes by G.E. DREIER Time 2:00 TO 3:30 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-10 To B.M. 1-11
Date 2-4-57
Indexed A. C. Johnson

F.B. 2407 P.G. 78

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7,759	40.048	183	5.342		3,031	14.952	186	5.338	
	7,576		183			2,845		186		
	7.393		366			2659		372		
15	22,728	7.576		5,708		8,535	2.845		5,715	
	7.611		180			2.732		184		
	7,431		180			2.548		183		
	7,251		360			2.367		367		
16	22293	7.431		6,068		7.647	2.549		6,077	
	8.669		187			2116		185		
	8.482		184			1.931		182		
	8.298		371			1.749		367		
17	25,449	8.483		6,439		5,796	1.932		6,444	
	8,017		190			2374		182		
	7,827		189			2,192		181		
	7.638		379			2.011		363		
18	23.482	7.827		6,818		6,577	2.192		6,807	
	8,838		179			1,942		166		
	8.659		177			1.776		165		
	8,482		356			1,611		331		
19	25,979	8,660		7,174		5329	1.776		7,138	
		80,025					26,346			

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 2:00 TO 3:30 Rod No. 11 & 12

Name L.A.CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 1-10 To B.M. 1-11
Date 2-4-57
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
	9.321	80.025	166	7.174		2.096	26.246	161	7.138	+ 89.180
	9.155		167			1.935		157		- 28.182
	8.988		333			1.778		318		+ 60.998
20	27.464	9.155		7.507	68°	5.809	1.936		7.456	B.M. 1-11
		89.180					28.182		7.507	COLIMA RD. & WHITTIER BLVD.
									14.963	SEE F.B. 1202-16 FOR DESC.
										= 0.96 mi.
										SUMMATION OF RUN
						DIFF IN ELEV. B.M. 1-10 TO B.M. 1-10A				+ 19.762
						" " " B.M. 1-10A TO B.M. 1-11				+ 60.998
						" " " B.M. 1-10 TO B.M. 1-11				+ 80.760
										(Adj. 1952 = + 80.709)
										F.B. 2407 P.G. 79

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. 2407 P.G. 80

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G.E. DREIER Time 8:15 TO 9:35 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-11 To B.M. 1-10
Date 2-5-57
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
	2262		158		#11	9492		167		B.M. 1-11
	2.104		156			9,325		167		COLIMA RD. & WHITTIER BLVD.
	1.948		314			9.158		334		SEE F.B. 1202-16 FOR DESC.
1	6.314	2.105		.314	58°	27.975	9.325		.334	
	2.058		176			8934		169		T J. MOODY
	1,882		173			8,765		168		
	1.709		349			8.597		337		
2	5.649	1.883		.663		26,296	8.765		.671	
	2331		187			7.966		188		
	2.144		185			7,778		186		
	1959		372			7.592		374		
3	6.434	2.145		1.035		23,336	7.779		1.045	
	2071		184			8.623		185		
	1,887		181			8,438		185		
	1,706		365			8.253		370		
4	5.664	1.888		1.400		25314	8.438		1415	
	2.928		186			7.806		181		
	2.742		183			7,625		178		
	2559		369			7.447		359		
5	8.229	2.743		1.769		22.878	7.626		1.774	
		10.764					41.933			

F.B. 2407 P.G. 81

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No 50010
Notes by G.E. DREIER Time 8:15 TO 9:[illegible] Rod No. 11 & 12

Name L.A.Co PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-11 To B.M. 1-10
Date 2-5-57
Indexed [illegible]

F.B. 2407 P.G. 82

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.027	10.764	188	1.769		7.757	[illegible]	185	1.774	
	2.839		184			7.572		182		
	2.655		372			7.390		367		
6	8.521	2.840		2.141		22.719	7.573		2.141	
	2.907		202			8.218		200		
	2.705		198			8.018		199		
	2.507		400			7.819		399		
7	8.119	2.706		2.541		24.055	8.018		2.540	
	2.937		207			8.391		209		
	2.730		208			8.182		205		
	2.522		415			7.977		414		
8	8.189	2.730		2.956		24.550	8.183		2.954	
	3.408		166			7.833		160		
	3.242		164			7.673		158		
	3.078		330			7.515		318		
9	9.728	3.243		3.286		23.021	7.674		3.272	
	2.968		197			7.832		195		
	2.771		195			7.637		195		
	2.576		392			7.442		390		
10	8.315	2.772		3.678		22.911	7.637		3.662	
		25.055					81.018			

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 8:15 TO 9:35 Rod No 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No 0301.02
From B.M.1-11 To B.M.1-10
Date 2-5-57
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
	3.775	25.055	217	3.678		8.817	81.018	226	3.662	+ 28.613
	3.558		216			8.591		227		- 89.609
	3.342		433			8.364		453		- 60.996
11	10.675	3.558		4.111		25.772	8.591		4.115	B.M.1-10A
	2.257	28.613	204			8.399	89.609	200		COLIMA RD. & LAMBERT RD. ℄ INT. STD. C.S. MON. IN. DEEP UNDER CAST IRON COVER
	2.053		200			8.199		200		
	1.853		404			7.999		400		
12	6.163	2.054		4.515		24.597	8.199		4.515	
	3.824		191			7.085		191		
	3.633		189			6.894		190		
	3.444		380			6.704		381		
13	10.901	3.634		4.895		20.683	6.894		4.896	
	3809		191			7.299		192		
	3.618		191			7.107		190		
	3.427		382			6.917		382		
14	10.854	3.618		5.277		21.323	7.108		5.278	
	4.590		180			6.571		186		
	4.410		181			6.385		184		
	4.229		361			6.201		370		
15	13.229	4.410		5.638		19.157	6.386		5.648	
		13.716					28.587			

F.B. 2407 P.G. 83

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 8:15 TO 9:35 Rod No 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No 0301.02
From B.M. 1-11 To B.M. 1-10
Date 2-5-57
Indexed A. C. Johnson

F.B. 2407 P.G. 84

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4950	13.716	186	5.638		6.874	6.871	183	5.648	
	4.764		185			6.691		183		
	4.579		371			6.508		366		
16	14.293	4.764		6009		20.073	6.691		6.014	
	4.658		186			6599		182		
	4.472		183			6.417		184		SUMMATION OF RUN
	4.289		369			6.233		366		DIFF. B.M. 1-11 TO 1-10A -60.996
17	13.419	4.473		6.378		19.249	6.416		6.380	" " 1-10A TO 1-10 -19.756
	4 691		183			5.332		185		" " 1-11 TO 1-10 -80.752
	4,508		182			5.148		185		
	4.326		365			4.963		370		
18	13.525	4.508		6.743		15.443	5.148		6.750	
	7.439		183			6091		184		
	7.256		185			5.907		182		
	707		368			5.725		366		+37.544
19	21.766	7.255		7111		17.723	5.908		7116	-57.300
										-19.756
	3.011		183			4.733		183		
	2.828		182			4.550		184		B.M. 1-10
	2.646		365			4.366		367		COLIMA RD. & HAWES ST.
20	8.485	2.828		7.476		13.649	4.550		7483	SEE F.B. 1202-15 FOR DESC.
		37.544					57.300		7476 / 14.959 = 0.96 m.	

76P526 S & E #979 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:25 TO 10:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-11 To B.M. 3-20A
Date 2-6-57
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
	9370		134		11	4.822		132		B.M. 1-11
	9.236		137			4.690		133		COLIMA RD. & WHITTIER BLVD.
	9.099		271			4.557		265		SEE F.B. 1202-16 FOR DESC.
1	27.705	9.235		.271	61°	14.069	4.690		.265	
	6.698		131			5.581		130		↑ J. MOODY
	6.567		134			5.451		132		
	6.433		265			5.319		262		
2	19.698	6.566		.536		16.351	5.450		.527	
	5961		192			6.333		195		
	5.769		190			6.138		192		
	5.579		382			5.946		387		
3	17.309	5.770		.918		18.417	6.139		.914	
	5.717		192			6.991		192		
	5.525		190			6.799		188		
	5.336		382			6.611		380		
4	16.578	5.526		1.300		20.401	6.800		1.294	
	4539		191			7678		194		
	4348		190			7.484		193		
	4.158		381			7.291		387		
5	13.045	4.348		1.681		22.453	7.484		1.681	
		31.445					30.563			

F.B. 24077 P.G. 55

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:25 TO 10:35 Rod No. 11 & 12

Name L. A. CO. PRIMARY LEVEL NET
Job No. 0301.02
From B.M. 1-11 To B.M. 3-20A
Date 2-6-57
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
	3859 31.445		191	1.681		6.838	30.563	188	1.681	
	3.668		190			6.650		191		
	3478		381			6.459		379		
6	10.005	3.668		2.062		19.947	6.649		2.060	
	5.046		189			7.633		192		
	4.857		189			7.441		190		
	4.668		378			7.251		382		
7	14.571	4.857		2.440		22.325	7.442		2.442	
	4.531		192			7.447		190		
	4.339		189			7.257		189		
	4.150		381			7.068		379		
8	13.020	4.340		2.821		21.772	7.257		2.821	
	4.525		187			6.862		188		+ 48.648
	4.338		186			6.674		186		- 58.586
	4.152		373			6.488		374		- 9.938
9	13.015	4.338		3.194		20.024	6.675		3.195	STATE HWY B.M.
		48.648					58.586			WHITTIER BLVD. N. SIDE, W. OF CHANNEL ON W. SIDE OF HD. #, BRASS DISC

F.B. 2407 P.G. 86

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 9:25 TO 10:35 Rod No 11812

Name L. A. CO. [illegible] LEVEL NET
Job No 0301.02
From B.M. 1-11 To B.M. 3-20A
Date 2-6-57
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
	5369		130	3.194		6.175		127	3.195	
	5,239		127			6 048		129		
	5.112		257			5919		256		
10	15,720	5.240		3.451		18142	6.047		3.451	
	6.301		189			5.778		192		
	6.112		189			5.586		190		
	5.923		378			5,396		382		
11	18,336	6.112		3.829		16,760	5.584		3.833	
	6.371		193			5 338		190		
	6.178		190			5.148		189		
	5.988		383			4.959		379		
12	18,537	6.179		4.212		15445	5.148		4.212	
	7.431		189			4.558		183		
	7.242		185			4.365		192		
	7.057		374			4.173		385		
13	21.730	7.243		4.586		13096	4.365		4.597	
	7.554		191			4.646		192		
	7.363		190			4.454		189		
	7.173		381			4.265		381		
14	22,090	7.363		4.967		13365	4.455		4.978	
		32,137					25.602			

F.B. 2407 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 HAZY SUN Inst. No. 50010
Notes by G.E. DREIER Time 9:25 TO 10:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-11 To B.M. 3-20A
Date 2-6-57
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
	7.456	32.137	187	4.967		4.603	4.602	192	4.978	
	7.269		187			4.411		193		
	7.082		374			4.218		385		
15	21.807	7.269		5.341		13.232	4.411		5.363	
	7.431		192			4.551		192		
	7.239		188			4.359		188		
	7.051		380			4.171		380		
16	21.721	7.240		5.721		13.081	4.360		5.743	
	7.492		183			2.915		196		
	7.309		182			2.779		192		
	7.127		365			2.587		388		
17	21.928	7.309		6.086		8.341	2.780		6.131	
	8.126		191			3.097		192		+69.456 −44.202 +25.254
	7.935		188			2.905		189		
	7.747		379			2.716		381		
18	23.808	7.936		6.465		8.718	2.906		6.512	B.M. 1-20A
	7.761		195			4.327		185		WHITTIER BLVD & RUSSELL ST. & SANTA GERTRUDES AVE., N.W. COR. BRASS DISC IN S.E. COR. OF CATCH BASIN AT W. END OF CURB RETURN
	7.566		197			4.142		183		
	7.369		392			3.959		378		
19	22.696	7.565		6.857		12.428	4.143		6.890	
		69.456					44.202		6.857 13.747 = 0.889 mi.	

F.B. 2407 P.G. 88

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZY Inst. No 50010
Notes by G. E. DREIER Time 2:10 TO 3:40 Rod No 11 & 12

Name I
Job No. 0301.02
From B.M. 3-20A To B.M. 1-11
Date 2-5-57
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
	4.302		191		11	7.719		187		B.M. 3-20A
	4.111		192			7.532		188		WHITTIER BLVD. & RUSSEL ST. &
	3.919		383			7.344		375		SANTA GERTRUDES AVE., N.W. COR.,
1	12.332	4.111		.383	70°	22.595	7.532		.375	STATE HWY BRASS DISC IN S.E. COR
	3.142		190			8.171		192		STORM DRAIN CATCH BASIN AT
	2.952		190			7.979		188		W. END OF CURB RETURN,
	2.762		380			7.791		380		
2	8.856	2.952		.763		23.941	7.980		.755	
	2.959		191			7.479		186		T. J. MOODY
	2.768		192			7.293		185		
	2.576		383			7.108		371		
3	8.303	2.768		1.146		21.880	7.293		1.126	
	4.242		190			7.121		190		
	4.052		189			6.931		192		
	3.863		379			6.739		382		
4	12.157	4.052		1.525		20.791	6.930		1.508	
	4.568		194			7.419		187		
	4.374		193			7.232		184		
	4.181		387			7.048		371		
5	13.123	4.374		1.912		21.699	7.233		1.879	
		18.257					36.968			

F.B. 2407 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. [illegible] Weather HAZY Inst. No. 50010
Notes by G.E.DREIER Time 2:10 TO 3:40 Rod No 11 & 12

Name [illegible]
Job No 0301.02
From B.M 3-20A To B.M. 1-11
Date 2-5-57
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
	4658	18.257	190	1.912		7.568	36.968	191	1.879	
	4.468		190			7.377		190		
	4.278		380			7.187		381		
6	13.404	4.468		2.292		22.132	7.377		2.260	
	4.639		183			7.531		198		
	4.456		183			7.333		195		
	4.273		366			7.138		393		
7	13.368	4.456		2.658		22.002	7.334		2653	
	5359		189			6393		192		
	5.170		190			6.201		189		
	4.980		379			6.012		381		
8	15.509	5.170		3.037		18.606	6.202		3.034	+ 43.269 - 68.515 - 25.246
	5822		191			6.342		190		
	5.631		192			6.152		186		
	5.439		383			5.966		386		
9	16.892	5.631		3.420		18.460	6.153		3.420	STATE Hwy B.M.
	5.414		127			4.610		129		WHITTIER BLVD, N. SIDE, ON W.
	5.287		126			4.481		128		SIDE OF CHANNEL TO W. OF Ho.#
	5.161		253			4.353		257		15 331, BRASS DISC IN S.E. COR
10	15.862	5.287		3.673		13.444	4.481		3.677	OF CATCH BASIN
		43.269					68.515			

F.B. 2407 P.G. 90

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 Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO 3:40 Rod No. 11 & 12

Name [illegible]
Job No. 0301.02
From BM 3-20A To BM. 1-11
Date 2-5-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.923		186	3.673		4.583		185	3.677	
	6.737		187			4.398		186		
	6.550		373			4 212		371		
11	20.210	6.737		4.046		13.193	4.398		4.048	
	7.459		189			4.543		191		
	7.270		190			4.352		190		
	7.080		379			4.162		381		
12	21.809	7.270		4.425		13.057	4.352		4.429	
	7.642		192			5.052		190		
	7.450		191			4.862		188		
	7.259		383			4.674		378		
13	22.351	7.450		4.808		14.588	4.863		4.807	
	6.853		191			3 872		190		
	6.662		190			3.682		189		
	6.472		381			3. 493		379		
14	19.987	6.662		5.189		11.047	3.682		5.186	F.B. 2407 P.G. 21
	7.661		193			4 519		188		
	7.468		193			4.331		192		
	7.275		386			4.139		380		
15	22.404	7.468		5.575		12.989	4.330		5.566	
		35.587					21.625			

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 SUNNY Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO 3:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 3-20A To B.M. 1-11
Date 2-5-57
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
	7042	35.587	1905.575			5.768	21.625	190	5.566	
	6.852		190			5.578		190		
	6.662		380			5.388		380		
16	20.556	6.852		5.955		16.734	5.578		5.946	
	6.400		193			6.026		193		
	6.207		194			5.833		190		
	6.013		387			5.643		383		
17	18.620	6.207		6.342		17.502	5.834		6.329	
	5.545		133			6.657		130		
	5.412		133			6.527		130		
	5.279		266			6.397		260		
18	16.236	5.412		6.608		19.581	6.527		6.589	+ 58.856 - 48.907 + 9.949
	4.932		134			9.478		136		
	4.798		133			9.342		132		B.M. 1-11
	4.665		267			9.210		268		COLIMA RD. & WHITTIER BLVD.
19	14.395	4.798		6.875		28.030	9.343		6.857	SEE F.B. 1202-16 FOR DESC.
		58.856					48.907		6.875 13.732 = 0.88 mi.	

F.B. 2407 P.G. 92

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 [illegible] Weather haze: sun Inst. No. 50010
Notes by J. Moody Time 1:20 to 2:00 Rod No. 11 & 12

Name L. A. CO. [illegible] LEVEL NET
Job No. 0301.02
From B.M. 3-20A To 3-17
Date 2-6-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6483		191		11	4827		189		B.M. 3-20A
	6292		192			4638		187		WHITTIER BLVD. & RUSSELL ST. &
	6100		383			4451		376		SANTA GERTRUDES AVE., N.W. COR.
1	18875	6.292		.383	69°	13916	4.639		.376	STATE HWY BRASS DISC IN S.E.
	6497		193			4838		198		COR. OF CATCH BASIN AT W. END
	6304		191			4640		194		OF CURB RETURN
	6113		384			4446		392		
2	18914	6.305		.767		13924	4641		.768	⊼ G.E. Dreier
	6066		189			5087		191		
	5877		189			4896		189		
	5688		378			4707		380		
3	17631	5.877		1.145		14690	4.897		1.148	
	5643		188			4865		195		+23.929
	5455		187			4670		193		-18.848
	5268		375			4477		388		+5.081
4	16366	5.455		1.520		14012	4.671		1.536	
		23.929					18.848			STATE HWY B.M.
										WHITTIER BLVD., N. SIDE, ±25
										FT. E. OF HO # 15947, BRASS
5										DISC IN S.W. COR OF CATCH BASIN

F.B. 2407 P.G. 93

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather haze Inst. No. 500.10
Notes by J. Moody Time 1:20 to 2:00 Rod No. 11 & 12

Name [illegible]
Job No. 230102
From BM 3-20A To BM 3-17
Date 2-6-57
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
	6645		188	1520		4908		189	1536	
	6457		188			4719		188		
	6269		376			4531		377		
5	19371	6457		1896		14158	4719		1913	
	7205		192			3711		190		
	7013		192			3521		189		
	6821		384			3332		379		
6	21039	7013		2280		10564	3521		2292	
	7129		190			4163		191		
	6939		188			3972		190		
	6751		378			3782		381		
7	20819	6940		2658		11917	3972		2673	
	6548		189			3617		190		
	6359		189			3427		189		
	6170		378			3238		379		
8	19077	6359		3036		10282	3427		3052	
	7086		192			5339		189		
	6894		190			5150		189		
	6704		382			4961		378		
9	20684	6895		3418		15450	5150		3430	
			33664					20789		

F.B. 2407 P.G. 94

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Chief of Party G. F. [illegible] Weather haze Sun Inst. No 50010
Notes by J Moody Time 1:20 to 2:00 Rod No. 11 & 12

Name L. A. [illegible]
Job No. 0301.02
From BM 3-20 A To BM 3-17
Date 2-6-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5625	33.664	075	3418		6428	20.789	071	3430	BM 3-17
	5550		077			6357		071		Whittier Bl. & first ave.
	5473		152			6286		142		See F.B. 1204-21 for desc.
10	16648	5549		3570		19071	6.357		3.572	
		39.213					27.144		3.570	
									7.142	
									= 0.46 mi.	+ 39.213
										− 27.146
										+ 12.067

F.B. 2407 P.G. 95

76P526 S & E #379 1-54

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Chief of Party ..... Weather haze sun Inst. No. 50010
Notes by J Moody Time 2:00 to 2:45 Rod No. 11 & 12

Name L. A. CO. LEVEL NET
Job No. 0301.02
From BM 3-17 To BM 1-20A
Date 2-6-57
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
	6522		075		11	5712		072		BM 3-17
	6447		074			5640		072		Whittier Bl. & First Ave
	6373		149'			5568		144'		See FB 1204-21 for desc.
1	19342'	6447'		.149'	71°	16920'	5640'		.144'	
	5317		189			7061		190		
	5128		189			6871		190		TGE Oreier
	4939		378'			6681		380'		
2	15384'	5128'		.527'		20613'	6871'		.524'	
	4073		190			7003		189		
	3883		189			6814		189		
	3694		379'			6625		378'		
3	11650'	3883'		.906'		20442'	6814'		.902'	
	4131		193			7100		191		
	3938		190			6911		189		
	3748		383'			6722		380'		
4	11817'	3939'		1289'		20733'	6911'		1282'	
	3718		189			7212		191		
	3529		190			7021		190		
	3339		379'			6831		381'		
5	10586'	3529'		1668'		21064'	7021'		1663'	
	22926'					33257'				

F.B. 2407 P.G. 96

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. BAKER Weather HAZY SUN Inst. No. 50010
Notes by J. Moody Time 2:00 to 2:45 Rod No. 11 & 12

Name [illegible]
Job No. 0301.02
From BM 3-17 To BM 3-20A
Date 2-6-57
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4917	22926	189	1668		6651	33257	189	1663	+27.654
	4728		188			6462		189		-39.719
	4540		377			6273		368		-12.065
6	14185	4728		2045		19386	6462		2031	
	5751	27654	196			6530	39719	190		State Hwy. B.M.
	5555		193			6340		190		Whittier Bl., N. side ± 25 ft. E.
	5362		389			6150		380		of No. 15947, Brass Disc. in S.W. Cor
7	16668	5556		2434		19020	6340		2411	of Catch Basin
	5129		191			6110		190		
	4938		190			5920		188		
	4748		381			5732		378		
8	14815	4938		2815		17762	5921		2789	
	4774		197			6432		192		
	4577		196			6240		189		+19.667
	4381		393			6051		381		-24.754
9	13732	4577		3208		18723	6241		3170	-5.087
	4785		190			6442		190		
	4595		188			6252		190		BM 3-20A
	4407		378			6062		380		Whittier Bl. & Russell St &
10	13787	4596		3586		18756	6252		3550	Santa Gertrudes Ave, N.W. Cor.
	19.667					24.754				State Hwy Brass Disc. in S.E.

3.586' Cor. of Catch Basin at W. End
7.136' of Curb Return.
= 0.46 mi.

F.B. 2407 P.G. 97

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. [illegible] LEVEL NET
Job No.....
From..... To.....
Date.....
Indexed.....

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

F.B. 2407 P.G. 98

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Cloud Haze Inst. No. 50010
Notes by J. Mardy Time 9:35 to 10:20 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0321-02
From BM 38-1 To BM 3-17
Date 2-7-57
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
	3413		201		11	7713		201		BM 38-1
	3212		200			7512		200		Whittier Bl. & Valley Home Ave
	3012		401			7312		401		See LB 1359-7 for desc.
1	9637	3212		401	58°	22537	7512		401	
	3282		192			8178		189		
	3090		191			7989		190		
	2899		383			7799		379		T.G.E. Dreier
2	9271	3090		784		23966	7989		780	
	3032		188			7827		194		
	2844		186			7633		191		
	2658		374	1158		7442		385	1165	
3	8534	2845				22902	7634			
	4087		191			8124		188		
	3896		190			7936		189		
	3706		381	1539		7747		377	1542	
4	11689	3896				23807	7936			
	3869		192			6871		189		
	3677		194			6682		189		
	3483		386	1925		6493		378	1920	
5	11029	3676				20046	6682			
		16719					37753			

F.B. 2407 P.G. 99

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DR[illegible] Weather Cloud[illegible] Inst. No. 50010
Notes by J. Mrady Time 9:35 to 10:20 Rod No. 11 & 12

Name [illegible]
Job No. 0.3.01.02
From BM 38-1 To BM 3-17
Date 2-7-57
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
	3791	16.719'	190	1924.5		7419	37.753'	191	1920'	
	3601		190			7228		189		
	3417		380'			7039		380'		
6	10.803'	3.601'		230 X.5		21.686'	7.229'		2300'	
	4287		190			8290		191		
	4097		189			8099		188		
	3908		379'			7911		379'		
7	12.292'	4.097'		268 4		24.300'	8.100'		2679'	
	4437		189			7626		193		
	4248		189			7433		191		
	4059		378'	62		7242		384'		
8	12.744'	4.248'		3058		23.301'	7.767'		3063'	
	4223		190			7321		190		+32.699'
	4033		188			7131		192		-67.646'
	3845		378'	40		6939		382'		-34.947'
9	12.101'	4.034'		3436		21.391'	7.130'		3445'	
		32.699'					67.646'			

F.B. 2407 P.G. 100

State Hwy B.M. N.E. cor Whittier Blvd & Bogardus Ave
Brass disc. stm. "State of California", S.E. cor of catch Basin

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. D. Weather Cloud/Haze Inst. No. 50010
Notes by G.E. Dreier Time 9:35 to 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-1 To BM 3-17
Date 2-7-57
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
	4253		149	3436		6429		151	3445	
	4104		149			6278		151		+7831'
	3955		298'	8		6127		302'		-14.547'
10	12312	4.104'		3734		18834	6.278'		3747	- 6.716'
	3913		185			8467		199		
	3728		189			8268		197		B.M. 3-17
	3539		374'	12		8071		396'		WHITTIER BLVD. & FIRST AVE
11	11.180	3.727'		4168		24806	8.269'		4143	SEE F.B. 1204-21 FOR DESC.
		7.831'					14.547		4.168	
									8,25,V5 = 0.53 m.	
										SUMMATION OF RUN
										DIFF IN ELEV B.M. 38-1 TO STATE Hwy. B.M. - 34.947'
										" " " STATE Hwy B.M. TO B.M. 3-17 - 6.716'
										" " " B.M. 38-1 TO B.M. 3-17 - 41.663'

F.B. 2407 P.G. 101

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. D[illegible] Weather Cloud Haze Inst. No. 50010
Notes by J Moody Time 10:20 to Rod No. 11 & 12

Name L. M. [illegible]
Job No. 0301.02
From BM 3-17 To BM 38-1
Date 2-7-57
Indexed A. C. Johnson

F.B. 2407 P.G. 10-2

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8500		198			3938		186		BM 3-17
	8302		197			3752		186		Whittier Bl. & First Ave.
	8105		395'			3566		372'		See F.B. 1204-21 for Desc.
1	24907	8302'		395'		11256	3752'		372	
	6386		151			4218		150		
	6235		150			4068		151		
	6085		301'			3917		301'		+14.537'
2	18706'	6235'		696		12203'	4068'		673	- 7.820'
		14.537'					7.820'			+6.717'
										STATE HWY B.M. WHITTIER BLVD. & BOGARDUS AVE., N.E. COR. BRASS DISC LETTERED "STATE OF CALIFORNIA", S.E. COR. OF CATCH BASIN
	7291		191			4188		191		
	7100		190			3997		190		
	6910		381'			3807		381'		
3	21301'	7100'		1077		11992'	3997'		1054	
	7626		194			4454		190		
	7432		190			4264		188		
	7242		384'			4076		378'		
4	22300'	7433'		1461		12794'	4265'		1432	
		14.533'					8.262'			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. [illegible] Weather cloud Inst. No. 50010
Notes by J Maady Time 10:20 to 11:10 Rod No. 11 #12

Name L. A. CO. [illegible] LEVEL NET
Job No. 0301.02
From BM 3-17 To BM 38-1
Date 2-7-57
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
	8250	14533	190	1461		4233	8262	190	1432	
	8060		189			4043		190		
	7871		379			3853		380		
5	24181	8060		1840		12129	4043		1812	
	7398		189			3794		191		
	7209		191			3603		190		
	7018		380			3413		381		
6	21626	7209		2220		10810	3603		2193	
	6877		190			3867		192		
	6687		189			3675		191		
	6498		379			3484		383		
7	20062	6687		2599		11026	3675		2576	
	8098		188			4074		191		
	7910		189			3883		191		
	7721		377			3692		382		
8	23729	7910		2976		11649	3883		2958	
	7854		193			3048		189		
	7661		191			2859		187		
	7470		384			2672		376		
9	22985	7662		3360		8579	2860		3334	
			52061					26326		

F.B. 2407 P.G. 103

76P526 S & E #379 1-54

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Chief of Party G. [illegible] Weather Sun: Haze Inst. No 50010
Notes by J. Moody Time 10:20 to 11:10 Rod No. 11812

Name L. A. C. [illegible] LEVEL NET
Job No Q301.02
From Bkg 3-17 To Bm 38-1
Date 2-7-57
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
	9274	52.061	192	3360		3832	28.326	191	3334	
	9082		191			3641		190		
	8891		383			3451		381		
10	27247	9.082		3743		10924	3.641		3715	+68.995
										-34.071
										+34.924
	8051		199			4303		199		
	7852		200			4104		198		B.M. 38-1
	7652		399			3906		397		WHITTIER BLVD. E/VALLEY HOME AVE
11	23555	7.852		4142		12313	4.104		4112	SEE F.B. FOR DES.
		68.995					34.071		4142	
									8.254	
									= 0.53m.	

SUMMATION OF RUN

DIF. IN ELEV. B.M. 3-17 TO STATE Hwy B.M. + 6.717
" " " STATE Hwy B.M. TO 38-1 + 34.924
" " " B.M. 3-17 TO BM. 38-1 + 41.641

F.B. 2407 P.G. 104

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. DEERE Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 2:40 TO 3:30 Rod No. 11E12

Name L A C [illegible]
Job No. 030102
From BM 38-1 To BM 3-17
Date 2-7-57
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
	4057		202			7803		201		BM. 38-1
	3855		200			7602		197		WHITTER BLVD. & VALLEYHOME AVE
	3655		402			7405		398		SEE F.B. 1359-7 FOR DESC
1	11567	3856		402		22810	7.603		398	
	2933		191			8379		188		
	2742		191			8191		192		
	2551		382			7999		380		
2	8.226	2.742		784		24569	8.190		778	
	3079		188			7871		193		
	2891		189			7678		191		
	2702		377			7487		384		
3	8.672	2.891		1161		23036	7.679		1162	
	3831		192			7861		188		
	3639		188			7673		186		
	3451		380			7487		374		
4	10.921	3.640		1541		23021	7.674		1536	
	3741		193			6747		190		
	3551		193			6557		190		
	3358		383			6367		380		
5	10.650	3.550		1924		19671	6.557		1916	
			16679					37703		

F.B. 2407 PG. 105

P.G. _____ F.B. _____

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 2:40 To 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03C102
From BM 38-1 To BM 3-17
Date 2-7-57
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
	3733	16.679	192	1924		7354	03	191	1916	
	3541		190			7163		189		
	3351		382			6974		380		
6	10.625	3.542		2306		21.491	1.4		2296	
	4201		190			8201		190		
	4011		192			8011		189		
	3819		382			7822		379		
7	12.031	4.010		2688		24034	8.011		2675	
	4386		191			7571		193		
	4195		188			7378		189		
	4007		379			7189		382		
8	12.588	4.196		3067		22.138	7.379		3057	
	4077		192			7175		193		
	3885		190			6982		190		
	3695		382			6792		383		
9	11.657	3.886		3469		20.949	6.983		3943	
		32.313					67.240			

+32.313
−67.240
−34.927

F.B. ____ P.G. ____

STATE HIGHWAY BM.
WHITTIER BLVD. & BOGARDUS AVE
N. E. COR. BRASS DISK STAMPED
STATE OF CALIF. S.E. COR. CATCH BASIN

F.B. 2407 Pg 106

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather cloudy Inst. No. 50010
Notes by T. OHASHI Time 2:40 to 3:30 Rod No. H & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-1 To BM 3-17
Date 2-7-57
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
	4132		151			6305		151		+7.704
	3581		150			6154		150		-14.418
	3831		301			6004		301		- 6.714
10.	11944	3981		3750		18463	6154		3741	
	3911		189			8462		199		B.M. 3-17
	3722		185			8263		196		WHITTIER BLVD & FIRST AVE.
	3537		374			8067		395		SEE F.B. 1206 FOR DESC.
11.	11170	3723		4124		24792	8264		4136	
		7.704					14418		4124	
									-8.8560	
									-0.5311	
									- 34.927	
									- 6.714	
									- 41,641	

F.B. 2407 P.G. 107

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 8.50 TO Rod No. 11 & 12

Name L.A. [illegible]
Job No. 0301.02
From BM. 3-17 To BM 38-1
Date 2-8-57
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
	8585		197		#11	4030		191		BM. 3-17
	8388		197		60°	3839		187		WHITTER BLVD & FIRST AVE
	8191		394			3652		378		SEE. F.B. 1204-21 for DESC.
1	25164	8388		394		11521	[illegible]		378	
	6293		152			4126		152		+14.530
	6141		149			3974		151		-7.814
	5992		301			3823		303		+6.716
2.	18.426	6.142		695		11.923	3974		681	T.J. Moody
		14.530					7.814			STATE HIGHWAY B.M.
										WHITTER BLVD & BOGARDUS AVE
										N.E. COR., BRASS DISC. LETTER STATE
										of CALIFORIA, S.E. COR. of CATCH
	7245		192			4141		191		BASIN.
	7053		191			3950		191		
	6862		383			3759		382		
3	21.160	7.053		1078		11.850	[illegible]		1063	
	7537		192			4371		192		
	7345		190			4179		188		
	7155		382			3991		380		
4.	22.037	7.346		1460		12.541	4.1[illegible]0		1443	
		14.399					8.130			

F.B. 2407 P.G. 108

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 8:50 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 3-17 To BM. 32-1
Date 2-8-57
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
	7972	14.399	190	1460		3956	8.130	192	1443	
	7782		189			3764		189		
	7593		379			3575		381		
5	23.347	7.782		1839		11.295	3.765		1824	
	7349		191			3747		194		
	7158		189			3553		191		
	6969		380			3362		385		
6	21.476	7.159		2219		10.662	3.554		2209	
	6758		190			3746		194		
	6568		191			3552		191		
	6377		381			3361		385		
7	19.703	6.568		2605		10.659	3.553		2594	
	7899		188			3876		193		
	7711		189			3683		190		
	7522		377			3493		383		
8	23.132	7.711		2977		11.052	3.684		2977	
	8116		194			3312		191		
	7922		190			3121		188		
	7732		384			2933		379		
9	23.770	7.923		3351		9.366	3.122		3356	
	51.542					25.808				

F.B. 2407 P.G. 109

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather CLOUD Inst. No. 50010
Notes by T. OHASHI Time 8:40 TO Rod No. 11 & 12

Name L. A. C[illegible] LEVEL NET
Job No. 030102
From BM. 3-17 To BM. 38-1
Date 2-8-57
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
	8422	51.542	190	3361		2984	25.208	192	3356	
	8232		189			2792		193		
	8043		379			2599		385		
10.	24697	8.232		3740		8375	[illegible]		3741	
	7902		201			4157		201		+ 67.476
	7701		199			3958		199		− 32.559
	7502		400			3759		400		+ 34.917
11.	23105	7.702		4140		11876	[illegible]		4141	
		67.476					32.559		4140	BM 38-1
									8,281	WHITTIER BL. & VALLEY HOMES AVE
									=0.53 mi.	SEE F.B. 1359-7 FOR DESC.
										SUMMATION OF RUN
						DIFF IN ELEV. B.M. 3-17 TO STATE Hwy B.M.				+6.716
						" " " STATE Hwy TO B.M. 38-1				+34.917
						" " " B.M. 3-17 TO B.M. 38-1				+41.633

F.B. 2407 P.G. 110

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY & HAZY Inst. No. S 6010
Notes by T. OHASHI Time 8:30 TO 9:35 Rod No. 11 & 12

Name
Job No. 0306.02
From T.B.M. 1 LINE #38 To BM 38-1
Date 2-7-57
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
	5298		100		#11	5868		100		T.B.M. 1 LINE #38
	5198		100		56°	5768		099		WHITTIER BLVD. & HACIENDA BLVD.
	5098		200✓			5669		199✓		N.W. COR., BT. SPK. IN CURB 8' N. OF
1	15.594✓	5.198✓		200✓		17.305✓	5.768✓		199✓	N. END OF C.R.
	5809		191			4828		195		
	5618		189			4633		191		T. J. MOODY
	5429		380✓			4442		386✓		
2	16.856✓	5.619✓		580✓		13.903✓	4.634✓		585✓	
	6068		193			4597		194		
	5875		193			4403		191		
	5682		386✓			4212		385✓		
3	17.625✓	5.875✓		966✓		13.212✓	4.404✓		970✓	
	5755		193			5732		190		
	5562		189			5542		190		
	5373		382✓			5352		380✓		
4	16.690✓	5.563✓		1348✓		16.626✓	5.542✓		1350✓	
	5495		194			5587		210		
	5301		190			5377		207		
	5111		384✓			5170		417✓		
5	15.907✓	5.302✓		1732✓		16.134✓	5.378✓		1767✓	
			27.557✓					25.726✓		

F.B. 2407 P.G. 111

76P526 S & E #379 1-54

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Chief of Party ..... Weather CLOUDY & [illegible] Inst. No. 50010
Notes by T. OHASHI Time 8:30 TO 9:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From TBM 1 LINE #38 To BM 38-1
Date 2-7-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4885	27557	194	1732		5921	[illegible]	190	1767	
	4691		193			5731		189		X
	4498		387			5542		379		
6	14.074	4691		2119		17194	[illegible]		2146	
	4701		193			6773		190		
	4508		191			6583		188		
	4317		384			6395		378		
7	13.526	4.509		2503		19.751	[illegible]		2524	
	5052		192			7728		191		
	4858		192			7537		190		
	4666		386			7347		381		
8	14.576	4.859		2889		22.612	[illegible]		2905	
	3853		193			7761		190		
	3660		189			7571		192		
	3471		382			7379		382		
9	10.984	3661		3271		22.711	[illegible]		3287	
	3478		190			7679		194		
	3288		190			7485		194		
	3098		380			7291		388		
10	9.864	3.288		3651		22.455	7.4[illegible]5		3675	
		48.565					60.[illegible]3			

F.B. 2407 P.G. 112

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY & HAZY Inst. No. 50010
Notes by T. OHASHI Time 8:30 TO 9:35 Rod No. 11 E 12

Name
Job No. 0301.02
From T.B.M. 1 LINE #38 To B.M. 38-1
Date 2-7-57
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
	3522	98.565	194	3651		7192	60.633	193	3.675	
	3328		190			6999		196		
	3138		384			6809		383		
11	9988	3.329		4035		21000	7.000		4058	
	4337		191			7214		193		
	4146		190			7021		191		
	3956		381			6830		384		
12	12439	4.146		4416		21065	7.022		4442	
	3312		191			7958		191		
	3121		190			7767		189		
	2931		381			7608		380		
13	9364	3.121		4797		23393	7.798		4822	
	3938		197			8098		187		
	3741		195			7911		183		
	3046		392			7728		370		
14	9725	3.242		5189		23737	7.912		5192	
								5189		
								10381		
								= 0.67 mi.		
	62405					90365				

B.M. 38-1
WHITTIER BLVD & VALLEY HOME AVE
SEE F.B. 1359-7 FOR DESC.

F.B. 2407 P.G. 113

SUMMATION OF RUN
T.B.M. 1 LINE #38 TO BM. 38-1
TOTAL BACKSIGHT +62.403
TOTAL FORESIGHT -90.365
DIFF. IN ELEV. -27.962

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time [illegible] Rod No. 11 & 12

Name [illegible]
Job No. 0301.02
From B.M. 38-1 To T.B.M. 1 LINE #38
Date 2-7-57
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
	8128		190		#11	3457		194		B.M. 38-1
	7938		186			3263		192		WHITTIER BLVD & VALLEYHOME AVE.
	7752		376			3071		386		SEE F.B. 1359-7 FOR DESC
1	23.818	7.939		376		9.791	3.264		386	
	8172		193			3497		190		T J. MOODY
	7979		190			3307		189		
	7789		383			3118		379		
2	23940	7.980		759		9922	3.307		765	
	7196		193			4315		190		
	7005		192			4125		191		
	6813		385			3937		381		
3	21016	7.005		1144		12.353	4.128		1146	
	7171		192			3499		191		
	6979		192			3308		191		
	6788		386			3117		382		
4	20933	6.978		1530		9.924	3.308		1528	
	7591		196			3365		189		
	7395		193			3174		191		
	7202		389			2983		380		
5	22188	7.396		1919		9.520	3.173		1908	
			37298					17180		

F.B. 2407 P.G. 114

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather CLOUDY & HAZY Inst. No. 5001.0
Notes by T. OHASHI Time 11:10 TO 12:00 Rod No. 11 & 12

Name L. A. CO. [illegible] LEVEL NET
Job No. 0301.02
From B.M. 38-1 To TBM. 1 LINE 38
Date 2-7-57
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
	7790	37.298	192	1.919		3882	17.180	191	1.908	
	7598		189			3691		192		
	7409		381			3499		383		
6	22.797	7.599		2.300		11.072	3.691		2.291	
	7.339		194			4658		193		
	7.145		190			4465		193		
	6955		384			4272		386		
7	21.439	7.146		2.684		13.395	4.465		2.677	
	6.739		190			4668		193		
	6.549		190			4475		192		
	6.359		380			4283		385		
8	19.647	6.549		3.064		13.426	4.475		3.062	
	5831		192			4792		193		
	5639		188			4599		191		
	5451		380			4408		384		
9	16.921	5.640		3.444		13.799	4.600		3.446	
	5.617		210			5522		191		
	5.407		208			5331		193		
	5.199		418			5138		384		
10	16.223	5.408		3.862		15.991	5.330		3.830	
		69.640					39.741			

F.B. 2407 P.G. 115

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY & WARM Inst. No. 50010
Notes by T. OHASHI Time 11:00 TO 12:00 Rod No. 11E12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03201
From BM. 38-1 To T.B.M. 1 LINE 38
Date 2-7-57
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
	5693	69.640	191	3862		5717	69.441	190	3830	
	5502		190			5527		191		
	5312		381			5336		381		
11	16507	5.502		4243		16580	5.527		4211	
	9573		185			6062		261		
	9388		185			5861		199		
	9203		370			5662		400		
12	13164	7.388		4613		18523	6.172		4611	
	4859		194			5837		196		
	4665		193			5641		196		
	4472		387			5457		380		
13	13996	4.665		5000		16941	5.647		4991	
	5881		095			5320		104		T.B.M. 1 LINE #38
	5786		096			5216		104		WHITTIER BLVD & HACIENDA BLVD
	5690		191			5112		208		N.W. COR., RT. SPK. IN CURB. 8' N. OF
14	17357	5.786		5191		15648	5.216		5199	N. END OF C.R.
								5,191		SUMMATION OF RUN
								10,390		B.M. 38-1 TO T.B.M. 1 LINE #38
								= 0.67 m		TOTAL BACKSIGHT + 89.981
										TOTAL FORESIGHT - 61.993
	89.981					61.993				DIFF IN ELEV. + 27.988

F.B. 2407 P.G. 116

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 CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 9.30 To 10.25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 38-1 To TBM 1 LINE 38
Date 2-8-57 A. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8164		196			3493		193		B.M. 38-1
	7974		189			3300		189		WHITTER BLVD & VALLEY HOME AVE.
	7785		379			3111		382		SEE F.B. 1359-7 FOR DESC.
1.	23923	7974		.379		9904	3.301		.382	
	8158		189			3488		191		T G.E. DREIER
	7969		190			3297		189		
	7779		379			3108		380		
2.	23906	7.969		.758		9893	3.298		.762	
	7254		192			4378		191		
	7062		191			4187		191		
	6871		383			3996		382		
3.	21187	7.062		1.141		12561	4.187		1.144	
	7158		192			3487		195		
	6966		196			3292		193		
	6770		388			3099		388		
4.	20882	6.961		1.523		9878	3.293		1.532	
	7732		193			3513		191		
	7539		192			3322		191		
	7347		385			3131		382		
5.	22618	7.539		1.908		9966	3.322		1.914	
		37.505					17.401			

F.B. 2407 P.G. 11-7

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUD Inst. No. 50010
Notes by T. OHASHI Time 9:30 TO 10:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 38-1 To TBM 1 (LINE #38)
Date 2-8-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7974	37.505	191	1908	#	4070	[illegible]01	192	1914	
	7783		190			3878		191		
	7593		381			3687		383		
6	23350	7.783		2289		11635	3878		2297	
	7247		194			4568		194		
	7053		191			4374		192		
	6862		385			4182		386		
7	21162	7.054		2674		13124	[illegible]375		2683	
	7023		191			4951		194		
	6832		190			4757		190		
	6642		381			4567		384		
8	20497	6.832		3055		14275	[illegible]8		3067	
	5913		189			4875		193		
	5724		189			4682		192		
	5535		378			4490		385		
9	17172	5.724		3433		14047	[illegible]2		3452	
	5750		210			5663		193		
	5540		208			5470		191		
	5332		418			5279		384		
10	16622	5.541		3851		16412	[illegible]71		3836	
		70439					40565			

F.B. 2407 P.G. 118

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 CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 9:30 TO 10:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 38-1 To TBM 1 LINE #38
Date 2-8-57
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
	5809	70.439	190	3857		5832	40.565	191	3836	
	5619		189			5641		190		
	5433		379			5451		381		
11	16858	5619		5236		16924	5641		4217	
	4702		191			6178		193		
	4511		193			5985		192		
	4318		384			5793		385		
12	13531	4510		4614		17956	5985		4602	
	4938		189			5922		191		
	4749		190			5731		192		
	4559		379			5539		383		
13	14246	4749		4993		17192	5731		4985	
	5673		099			5113		105		T.B.M. 1 LINE #38
	5576		097			5008		106		WHITTIER BLVD. & HACIENDA BLVD.
	5479		196			4902		311		BT. SPK. IN CURB N.W. COR. & N. OF
14	16728	5576		5189		15023	5008		5196	N. END C.R.
									5189	SUMMATION OF RUN
									10.385	B.M. 38-1 TO T.B.M. #1
									=0.67 mi.	TOTAL BACKSIGHTS +90.893
										TOTAL FORESIGHTS -62.930
	90.893					62.930				DIFF IN ELEV. +27.963

F.B. 2407 P.G. 112

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 Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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. 2407 P.G. 120

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 10:30 TO 11:20 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From TBM 1 (LINE #38) To BM 38-2
Date 2-8-57
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
	7441		188			1432		190		TBM #1 (LINE #38) N.W. COR. WHITTER BLVD & HACIENDA BLVD. BT. SPK. IN CURB, N.E. COR. C.B., 8' N. OF N. END OF C.R.
	7253		189			1242		189		
	7064		377			1053		379		
1.	21.758	7253		377		3.727	1.242		379	
	8832		90			1242		189		J. Moody
	8642		190			1053		188		
	8452		380			0865		377		
2.	25.926	8642		757		3.160	1.053		756	
	9655		193			2076		192		
	9462		189			1.884		188		
	9273		382			1696		380		
3.	28.390	9463		1139		5.656	1.885		1136	
	9327		191			1678		190		
	9136		189			1488		190		
	8947		380			1298		380		
4.	27.410	9137		1519		4.464	1.488		1516	
	9352		193			1711		192		
	9159		189			1519		188		
	8970		382			1331		380		
5.	27.481	9160		1901		4.561	1.520		1896	
		43.655					7.188			

F.B. 2407 P.G. 121

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 CLOUDY Inst. No. 50010
Notes by T. OKAMI Time 1030 TO Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From TBM 1 LINE #38 To BM 38-2
Date 2-8-57
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
	9676	23.655	191	1901		11925	88	194	1896	
	9485		189			09926		191		
	9296		380			08527		385		
6.	28457	9486		2281		29977	89		2281	
	9878		190			16105		186		
	9688		190			14244		185		
	9498		386			12394		371		
7.	29064	9688		2661		42733	84		2652	
	8699		189			24925		193		
	8510		191			22995		190		
	8319		380			21095		383		
8.	25528	8509		3041		69002	8836		3035	
	8178		163			36755		158		BM 38-2 LINE
	8015		165			35177		160		HACIENDA BLVD. AT L.A.-ORANGE CO.
	7850		328			33557		318		SEE FB 1359-8 FOR DESC.
9.	24043	8014		3369		10547	85		3353	
									33692	SUMMATION OF RUN
									6722	T.B.M. #1 (LINE 38) TO B.M. 38-1
									=0.43 miles	
										TOTAL BACKSIGHTS +79,352
										TOTAL FORESIGHTS -15,427
	79,352					15,427				DIFF IN ELEV. +63.925

F.B. 2467 P.G. 122

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM. 38-2 To TBM. 1 LINE 38
Date 2-8-57
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
	3697		160			8198		166		BM 38-2
	3537		159			8032		164		LA ORANGE CO. LINE.
	3378		319			7868		330		SEE F.B. 1359-8 for DESC.
1	10.612	3.537		319		24098	8.033		330	
	2578		193			8788		191		
	2385		191			8597		187		T J. Moody
	2194		384			8410		378		
2	7.157	2.386		703		25795	8.598		708	
	1616		185			9881		190		
	1431		184			9691		188		
	1247		369			9503		378		
3	4.294	1.431		1072		29075	9.692		1086	
	1170		194			9657		190		
	0976		193			9467		189		
	0783		387			9278		379		
4	2.929	0.976		1459		28402	9.467		1465	
	1708		191			9351		192		
	1517		189			9159		191		
	1328		380			8968		383		
5	4553	1.518		1839		27478	9.159		1848	
	9.848					44949				

F.B. 2407 P.G. 123

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 11:15 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 38-2 To TBM 1 LINE #38
Date 2-8-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1688	9.848	191	1839		9338	4[illegible].949	190	1848	
	1497		189			9148		190		
	1308		380			8958		380		
6.	4493	1.498		2219		27444	9.148		2228	
	2101		189			9682		191		
	1912		190			9491		192		
	1722		379			9299		383		
7.	5.735	1.912		2598		28472	[illegible]		2611	
	1427		191			9011		192		
	1236		189			8819		188		
	1047		380			8631		380		
8.	3710	1.237		2978		26461	[illegible]		2991	SUMMATION OF RUN B.M. 38-2 TO T.B.M. #1
	1688		190			7696		189		total BACKSIGHTS +15.993
	1498		189			7507		188		" fore " -79.915
	1309		379			7319		377		Diff. in ELEV. -63.922
9.	4495	1.498		3357		22522	[illegible]		3368	
									3357	T.B.M. #1 LINE #38
									6.725	WHITTIER BL. & HACIENDA BL.
									=0.43 mi.	N.W. COR., BT. SPK. IN CURB, 8 ft N.
										of N. END of CURB RETURN
		15.993					79.915			

F.B. 2407 P.G. 124

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 1:20 TO 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 38-3 To BM. 38-2
Date 2-8-57
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
	6417		164			5628		166		B.M. 38-3
	6253		162			5462		163		HACIENDA BLVD. & WEST RD.
	6091		326			5299		329		SEE F.B. 1359-9 FOR DESC.
1	18761	6254		326		16389	5463		329	
	7098		183			4115		188		
	6915		182			3927		188		
	6733		365			3739		376		
2	20746	6915		691		11781	3927		705	
	3565		192			6179		187		
	3373		191			5992		190		TK J. MOODY
	3182		383			5802		377		
3	10120	3373		1074		17973	5991		1082	
	3830		191			5951		190		
	3639		189			5761		189		
	3450		380			5572		379		
4	10919	3640		1454		17284	5761		1461	
	4488		192			7268		190		
	4296		191			7078		189		
	4105		383			6889		379		
5	12889	4296		1837		21235	7078		1840	
		24478					28220			

F.B. 2407 P.G. 125

3 3 2

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 1:20 TO 2:55 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM 38-3 To BM B.M. 38-2
Date 2-8-57
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
	4079	2478	190	1837		5818	1254	187	1848	
	3289		190			5631		186		
	3695		380			5445		373		
6	11067	3689		2217		16894	6314		2213	
	3399		098			9111		103		
	3259		098			9008		164		
	3241		178			8904		207		
7	9899	3300		2415		27023	9008		2420	
	2391		089			8926		104		
	2302		087			8822		101		
	2215		176			8721		205		
8	6908	2303		2591		26469	8823		2625	
	2377		103			8499		087		
	2274		102			8411		090		
	2172		205			8321		177		
9	6823	2274		2796		25231	8410		2802	
	1924		093			8617		096		
	1831		093			8521		093		
	1738		186			8428		189		
10	5493	1831		2982		25566	8522		2991	
		38075					68814			

F.B. 2407 P.G. 126

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by TOHASHI Time 1:20 TO 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 38-3 To BM 31-2
Date 2-8-57
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
	2345	38.075	102	2982		7795	68.614	089	2991	
	2243		101			7706		689		
	2142		203			7617		178		
11.	6730	2.243		3185		23118	7.706		3169	
	1150		191			9935		191		
	0959		188			9744		187		
	0771		379			9557		378		
12	2.850	0.968		3564		29236	7.745		3547	
	0891		192			8955		190		SUMMATION OF RUN
	0699		190			8765		191		B.M. 38-3 TO B.M. 38-2
	0509		382			8574		381		TOTAL BACKSIGHTS +44.828
13	2099	0.700		3946		26294	8.765		3528	TOTAL FORESIGHTS -113.985
	1479		186			9613		194		DIFF. IN ELEVATION -69.157
	1293		186			9419		196		
	1107		372			9223		390		
14	3879	1.293		4318		28255	9.418		4318	
	1748		192			9923		186		BM 38-2
	1556		189			9737		186		LINE HACIENDA BLVD. & L.A.-ORANGE CO.
	1367		381			9551		372		SEE F.B. 1359-8 FOR DESC.
15.	4671	1.557		4699		29211	9.737		4690	
		44.828					113.985		4699	
									9.389	
									= 0.60 mi.	

F.B. 24607 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 CLOUDY Inst. No. 50010
Notes by T. OKASHI Time 9:45 TO 11:30 Rod No. 11E12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM. 38-2 To BM 38-3
Date 2-11-57
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
	9939		186			1766		193		BM. 38-2
	9753		185			1573		191		HACIENDA BLVD. & LA.-ORANGE CO.
	9568		371			1382		384		LINE. SEE F.B. 1359-8
1	29260	9.753		371		4.721	1.574		384	
	9645		192			1523		193		↑ G.E. DREIER
	9453		188			1330		191		
	9265		380			1139		384		
2	28363	9.454		751		3992	1.331		768	
	9106		191			1041		190		
	8915		190			0851		192		
	8725		381			0659		382		
3	26746	8.915		1132		2.551	0.850		1150	
	9870		190			1058		191		
	9650		191			0867		190		
	9459		381			0677		381		
4	28949	9.650		1513		2.602	0.867		1331	
	7871		094			2412		097		
	7777		095			2315		096		
	7682		189			2219		193		
5	23330	7.777		1702		6.946	2.315		1724	
		45.549					4.997			

F.B. 2407 P.G. 128

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 CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 9.45 TO 10.50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-2 To BM 38-3
Date 2-11-57
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
	8862	4.549	095	1702		2176	6.937	093	1724	
	8767		095			2077		094		
	8672		190			1983		187		
6	26.301	8.767		1892		6.230	2.077		1911	
	9015		102			2865		089		
	8913		102			2776		090		
	8811		204			2686		179		
7	26.739	8.913		2096		8.327	2.776		2090	
	8983		110			2437		082		
	8873		107			2355		081		
	8766		217			2274		163		
8	26.622	8.874		2313		7.066	2.355		2253	
	9087		107			3372		101		
	8980		106			3271		101		
	8874		213			3170		202		
9	26.941	8.980		2526		9.813	3.271		2455	
	6017		186			4283		190		
	5831		184			4093		187		
	5647		370			3906		377		
10	17.495	5.832		2896		12.282	4.094		2832	
	86.915					21.510				

F.B. 2407 P.G. 129

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 9:45 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.02
From BM 38-2 To BM 38-3
Date 2-11-57
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
	7547	86.915	190	2896		4766	24.510	191	2832	
	7357		190			4575		192		
	7167		380			4383		383		
11	22.071	7.357		3276		13724	4.575		3215	
	6193		188			4077		189		
	6005		189			3888		191		
	5816		377			3697		380		
12	18.014	6.005		3653		11662	3.887		3595	
	6332		189			3732		190		
	6143		188			3532		190		
	5955		377			3342		380		
13	18.430	6.143		4030		10.596	3.532		3975	SUMMATION OF RUN
	3960		187			6947		184		BM 38-2 TO BM 38-3
	3773		186			6763		182		BACK SIGHT + 115.692
	3587		373			6581		366		FORE SIGHT − 46.557
14	11.320	3.773		4403		20.291	6.764		4341	DIFF. ELEV. + 69.135
	5662		163			6451		163		
	5499		163			6288		161		BM 38-3
	5336		326			6127		324		HACIENDA BLVD & WEST ROAD
15	16.497	5.499		4729		18.866	6.289		4665	SEE F.B. 1357-9 FOR DESC

115.692

46.557

F.B. 2407 P.G. 130

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 T. OHASHI Time 11:10 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-3 To B.M. 38-2
Date 2-11-57
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
	6753		163			5968		165		B.M. 38-3
	6590		162			5803		163		HACIENDA BLVD. & WEST RD.
	6428		325			5640		328		SEE F.B. 1359-9 FOR DESC.
1	19.771	6.590		325		17.411	5.804		328	
	6918		184			3935		187		⊼ G.E.DREIER
	6734		182			3748		187		
	6552		366			3561		374		
2	20.204	6.735		691		11.244	3.748		702	
	3703		190			6326		190		
	3513		190			6136		189		
	3323		380			5947		379		
3	10.539	3.513		1071		18409	6.136		1081	
	4009		192			6130		189		
	3817		190			5941		190		
	3627		382			5751		379		
4	11.453	3.818		1453		17822	5.941		1460	
	4762		190			7548		191		
	4572		190			7357		190		
	4382		380			7167		381		
5	13.716	4.572		1833		22072	7.357		1841	
	25228					28986				

F.B. 2407 P.G. 131

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 PARTLY [illegible] Inst. No. 50010
Notes by T. OHASHI Time 1[illegible] TO 1[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 38-3 To BM. 38-2
Date 2-11-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4706	25228	189	1833		5947	[illegible]	188	1841	
	4017		189			5759		186		
	3828		378			5573		374		
6	12051	4.017		2211		17279	[illegible]		2215	
	3448		101			9159		106		
	3347		102			9053		103		
	3245		203			8950		209		
7	10.040	3.347		2414		27.162	9.054		2424	
	2231		088			8767		104		
	2143		086			8663		101		
	2057		174			8562		205		
8	6.431	2.144		2588		25.992	[illegible]		2629	
	2663		091			8811		101		
	2572		090			8710		100		
	2482		181			8610		201		
9	7.717	2.572		2769		26.131	[illegible]		2820	
	2027		095			8718		095		
	1932		092			8623		094		
	1840		187			8529		189		
10	5.799	1.933		2956		25.870	[illegible]		3049	
		39.241					[illegible]			

F.B. 2407 P.G. 132

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PARTLY CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 11:10 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 38-3 To BM 38-2
Date 2-11-57
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
	2389	2.241	097	2956		7846	6.747	093	3099	
	2292		095			7753		093		
	2197		192			7660		186		
11	6.878	2.293		3148		23259	1.753		3195	
	1027		198			9799		184		
	0829		196			7615		183		
	0633		394			9432		367		
12	2.489	0.835		3542		28846	9.615		3562	
	1092		191			9107		190		
	0851		191			8917		189		
	0660		382			8728		379		
13	2.553	0.851		3924		26752	8.917		3941	SUMMATION OF RUN
	1484		192			9611		191		BM 38-3 TO BM 38-2
	1292		190			9420		190		BACK SIGHT + 46.118
	1102		382			9230		381		FORE SIGHT - 115.294
14	3.878	1.293		4306		28261	9.420		4322	DIFF. ELEV. - 69.176
	1801		191			9779		188		
	1610		191			9791		185		BM 38-2
	1419		382			9606		373		HACIENDA BLVD & L.A.-ORANGE
15	4.830	1.610		4688		29376	9.792		4695	CO. LINE. SEE F.B. 1359-9
	45118					115294				

705

F.B. 2407 P.G. 123

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 CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 2:20 TO 5:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-2 To BM 38-3
Date 2-11-57
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
	10036		188		#11	1854		191		BM. 38-2
	9848		185			1663		190		HACIENDA BLVD & LA.-ORANGE
	9663		373			1473		381		CO. LINE SEE F.B. 1359-9
1	29547	9.849		373		4.990	1.663		381	
	9539		191			1418		192		T G. E. DREIER
	9348		190			1222		192		
	9158		381			1030		384		
2	28045	9.348		754		3.666	1.222		765	
	9145		192			1079		191		
	8953		191			0888		190		
	8762		383			0698		381		
3	26860	8.953		1137		2.665	0.888		1146	
	9842		190			1057		192		
	9652		190			0865		191		
	9462		380			0674		383		
4	28956	9.652		1517		2.596	0.865		1529	
	7914		194			2454		195		
	7820		193			2359		196		
	7727		387			2263		391		
5	23461	7.820		1904		7.076	2.359		1920	
		45522					5.777			

F.B. 2407 P.G. 134

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 CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 2:20 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 38-2 To BM 38-3
Date 2-11-57
Indexed M. 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
	8777	5.622	095	1904		2080	6.997	092	1920	
	8679		056			1988		092		
	8583		194			1896		184		
6	26.039	8.680		2098		5.964	1.988		2104	
	8898		102			2749		090		
	8796		101			2659		089		
	8695		203			2570		179		
7	26.389	8.796		2301		7.978	2.659		2293	
	8739		102			2202		087		
	8637		104			2115		087		
	8533		206			2028		174		
8	25.909	8.636		2507		6.345	2.115		2457	
	8890		102			3187		107		
	8788		101			3080		107		
	8687		203			2973		214		
9	26.365	8.788		2710		9.240	3.080		2671	
	5999		193			4248		184		
	5806		193			4064		182		
	5613		386			3882		366		
10	17.418	5.806		3096		12.194	4.065		3037	
	86.328					20.904				

F.B. 2407 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 CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 2:20 TO 3:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 38-2 To BM 38-3
Date 2-11-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7528	86.328	190	3096		4743	[illegible]	191	3037	
	7338		189			4552		190		
	7149		379			4362		381		
11	22015	7.338		3475		13.657	[illegible]		3.418	
	6132		181			4032		201		
	5951		177			3831		199		
	5774		358			3632		400		
12	17857	5.952		3.833		11.495	[illegible]		3.818	
	6358		189			3742		194		
	6169		187			3548		194		
	5982		376			3354		388		
13	18.509	6.170		4.209		10.644	3.548		4.206	
	3997		188			6980		182		
	3809		187			6798		181		+115.424
	3622		375			6617		363		−46.249
14	11.428	3.809		4.584		20.395	6.798		4.569	+69.175
	5990		163			6780		165		
	5827		163			6615		165		B.M. 38-3
	5664		326			6450		330		HACIENDA BLVD. & WEST RD.
15	17481	5.827		4910		19.845	6.615		4.899	SEE F.B. 1359-9 FOR DESC.
		115.424					46.249			

F.B. 2407 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 Clear Inst. No 50010
Notes by J. Maody Time 8:50 to 12:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0201.02
From BM 38-3 To BM 38-4
Date 2-13-57
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
	5835		063		#11	4489		061		BM 38-3
	5772		064			4428		061		Hacienda Bl. & West Rd.
	5708		127			4367		122		See F.B. 1359-9 for desc.
1	17315	5.772		.127	74°	13284	4.428		.122	
	7999		190			3610		189		T Tohashi
	7809		187			3421		192		
	7622		377			3229		381		
2	23430	7.818		.504		10260	3.420		.503	
	8290		128			0886		127		
	8162		128			0759		128		
	8034		256			0631		255		
3	24486	8.162		.760		22760	0.759		.758	
	10228		193			1019		188		
	10035		192			1231		185		
	9843		385			1046		373		
4	30106	10.035		1.145		3696	1.232		1.131	
	10443		120			0421		109		
	10323		119			0312		105		
	10204		239			0207		214		
5	30970	10.323		1.384		0940	0.313		1.345	
	42.102					10.152				

F.B. 2407 P.G. 137

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A. CO. PRECISE LEVEL NET
Job No 0301-02
From BM 38-3 To BM 38-4
Date 2-13-57
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
	11.972	12.102	132	1384		0733		141	1345	
	11840		130			0592		137		
	11.710		262			0455		278		
6	35522	11.841		1646		17804	0.593		1623	
	9339		130			0718		133		
	9209		127			0585		133		
	9082		257			0452		266		
7	27630	9.210		1903		17555	0.585		1889	
	9363		108			2064		110		
	9255		107			1954		107		
	9148		215			1847		217		
8	27766	9.255		2118		5865	1.955		2106	
	9212		104			0678		108		
	9108		103			0570		105		
	9005		207			0465		213		
9	27325	9.108		2325		17135	0.571		2319	
	10183		115			0502		092		
	10.068		115			0410		088		
	9.953		230			0322		180		
10	30204	10.068		2555		1234	0.411		2499	
	91584					14567				

F.B. 2407 P.G. 138

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 38-3 To BM 38-4
Date 2-13-57
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
	10,263	9.584	101	2555		0744	14.267	102	2499	
	10.162		103			0642		101		
	10.059		204			0541		203		
11	30.484	10.161		2759		1.927	0.642		2702	
	8918		096			0509		093		
	8822		093			0416		094		
	8729		189			0322		187		
12	26469	8.823		2948		1247	0.416		2889	
	10.088		113			0935		132		
	9975		111			0803		133		total Backsights +128.974
	9864		224			0670		265		" fore " - 17.700
13	29927	9.976		3172		2408	0.803		3154	Diff in Elev. +111.274
	8511		081			1663		091		BM 38-4A
	8430		080			1572		090		Hacienda Bl. & Encanada DR F.B. 2407 PG. 139
	8350		161			1482		181		See F.B. 1359-10 for Desc.
14	25291	8.430		3333		4717	1.572		3335	
	4694	28.974	030			4935	17.700	030		BM 38-4
	4664		030			4905		030		Hacienda Bl & Encanada DR.
	4634		060			4875		060		See F.B. 1359-10 for Desc.
15	13992	4.664		3393		14715	4.905		3395	+4.664
	4.664					4.905			3.393	-4.905
									6.788	-0.241
									= 0.44 mi.	

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 Sunny Inst. No. 59010
Notes by J. Moody Time 1130 to 1400 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 30102
From BM 38-4 To BM 38-3
Date 2-13-57
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
	4933		030		#11	4694		030		B.M. 38-4.
	4903		030			4664		030		Hacienda Bl. & Encanada Dr.
	4873		060			4634		060		See f. B. 1359-10 for Desc.
1	14709	4903		.060	80°	13992	4.664		.060	+ 4.903
										− 4.664
										+ 0.239
	1829		085			8687		085		BM 38-4A
	1744		084			8602		088		Hacienda Bl. & Encanada Dr.
	1660		169			8514		173		See f. B. 1359-10 for Desc.
2	5233	1.744		.229		25803	8.601		.233	
	0788		133			9942		114		T. Tohashi
	0655		132			9828		113		
	0523		265			9715		227		
3	1.966	0.655		.494		29485	9.828		.460	
	6721		091			9137		100		
	0630		089			9037		099		
	0541		180			8938		199		
4	1.892	0.631		.674		27112	9.037		.659	
	1022		095			10554		107		
	0927		098			10447		108		
	0829		193			10339		215		
5	2.778	0.926		.867		31340	10.447		.874	
		3.956					37.913			

F.B. 2407 P.G. 140

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear; Sunny Inst. No 50010
Notes by J. Moody Time 1:30 to 4:00 Rod No 114-12

Name **L. A. CO. PRECISE LEVEL NET**
Job No 030102
From Bm 38-4 To Bm 38-3
Date 2-13-57
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
	0554	3956	087	867		10240	37.913	117	874	
	0467		089			10123		115		
	0378		176			10.008		232		
6	1.399	0.466		1.043		30.371	10.124		1.106	
	1005		097			9560		111		
	0908		098			9449		110		
	0810		195			9339		221		
7	2.723	0.908		1.238		28.348	9.449		1.327	
	1620		119			8899		100		
	1501		118			8799		098		
	1383		237			8701		198		
8	4.504	1.501		1.475		26.399	8.800		1.525	
	0579		132			9202		130		
	0447		129			9072		127		
	0318		261			8945		257		
9	1.344	0.448		1.736		27.219	9.073		1.782	
	0718		138			11.959		132		
	0580		139			11.827		133		
	0441		277			11.694		265		
10	1.739	0.580		2.013		35.480	11.827		2.047	
	7.859					87.186				

F.B. 2407 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 Clear, Sunny Inst. No 50010
Notes by J Moody Time 1:30 to 4:00 Rod No. 11E12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From Bm 38-4 To Bm 38-3
Date 2-13-57
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
	0448	7.859	102	2013		10.485	8.7186	127	2047	
	0346		101			10.358		126		
	0245		203			10.232		253		
11	1.039	0.346		2216		31.075	10.358		2306	
	1373		199			10.160		180		
	1174		197			9.980		180		
	0977		396			9.800		360		
12	3.524	1.175		2612		29.940	9.980		2660	
	0505		140			7883		115		
	0365		139			7768		115		
	0226		279			7653		230		
13	1.096	0.365		2891		23304	7.768		2890	
	3.068		190			7451		186		total Backsights +17.072
	2878		191			7265		186		" fore " -128.351
	2687		381			7079		372		Dif in Elev -111.279
14	8.633	2.878		3272		21795	7.265		3262	
	4510		061			5858		064		BM 38-3
	4449		060			5794		064		Hacienda Bl. & West Rd.
	4389		121			5730		128		See F.B. 1359-9 for desc
15	13348	4.449		3393		173825	5.794		3390	
		17.072					128.351			

F.B. 2407 P.G. 142

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY & SUNSHINE Inst. No. 50010
Notes by T. OHASHI Time 8:40 To 9:40 Rod No. 11E12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 38-4 To B.M. 38-5
Date 2-14-57
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
	7922		125			1295		147		B.M. 38-4
	7797		124			1148		146		HACIENDA BLVD. & ENCANADA DR
	7673		249			1002		293		SEE F.B. 1859-10 FOR DESC.
1	23392	7.797		249		3445	1.148		293	
	6999		078			2387		076		
	6921		079			2311		075		T J.M0004
	6842		157			2236		151		
2	20762	6.921		406		6934	2.311		444	
	9537		130			0967		134		
	9407		131			0833		131		
	9276		261			0702		265		
3	28220	9.407		667		2502	0.834		709	
	9476		139			1097		125		
	9337		138			0972		125		
	9199		277			0847		250		
4	28512	9.337		944		2916	0.972		959	
	9509		191			1719		185		
	9318		190			1531		189		
	9128		381			1342		377		
5	27955	9.318		1325		4592	1.531		1336	
		42.780					6.796			

F.B. 2407 P.G. 143

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY-SH Inst. No. 50010
Notes by T. OHASHI Time 8:40 to 9:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 38-4 To B.M. 38-5
Date 2-14-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6648	42.780	093	1325		2157	6.796	095	1336	
	6555		093			2062		093		
	6462		186			1969		188		
6	19.665	6.555		1511		6.188	[illegible]		1524	
	8775		109			1120		109		
	8666		109			1011		111		
	8557		218			0.900		220		
7	25.998	8.666		1729		3.031	[illegible]		1744	
	9798		115			0638		118		
	9683		114			0520		115		
	9569		229			0405		233		
8	29.050	9.683		1958		1.563	[illegible]		1977	
	10854		123			1645		117		
	10731		123			1528		116		
	10608		246			1412		233		
9	32.193	10.731		2204		4.585	[illegible]		2210	
	10642		105			0758		106		
	10537		106			0652		104		
	10431		211			0548		210		
10	31.610	10.537		2415		1.958	0.6[illegible]3		2420	
		88.952					12.571			

F.B. 2407 P.G. 144

76P526 S & E #379 1-54

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Chief of Party G. E. DRAKER Weather HAZY-SUNSHINE Inst. No. 50016
Notes by T. OKASHI Time 8:40 TO 9:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.02
From B.M. 38-4 To B.M. 38-5
Date 2-14-57
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
	10131	88.952	148	2415		0732	12.571	146	2426	
	9583		145			0586		145		
	5838		293			0421		291		
11	29752	9.994		2708		17590	0.586		2711	
	10471		192			1159		191		
	10279		188			0968		189		
	10041		380			0779		380		
12	30841	10.280		3058		29026	9.967		3091	
	9213		193			1749		191		
	9020		189			1558		189		
	8831		382			1369		380		
13	27064	9.021		3470		94675	9.559		3471	
	7994		106			1127		106		
	7888		107			1021		103		
	7781		213			0918		209		
14	23663	7.888		3683		30676	1.022		3680	
	10194		102			1064		105		
	10092		106			0959		102		
	9992		208			0857		207		
15	30278	10.093		3885		28800	0.960		3887	
	136218					17667				

F.B. 2407 P.G. 145

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY-S[illegible] Inst. No. 50010
Notes by T. OHASHI Time 8:40 TO 9:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-4 To B.M. 38-5
Date 2-14-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7813	136.218	080	3885		0532	17.[illegible]	081	3887	
	7733		078			0451		080		
	7655		158			0371		161		
16.	23201	7.734		4043		1354	[illegible]51		4048	
	9501		071			1711		073		
	9430		071			1638		071		
	9359		142			1567		144		
17.	28290	9.430		4185		4916	[illegible]		4192	
	8434		066			2019		077		
	8368		065			1942		075		
	8303		131			1867		152		
18.	25105	8368		4316		5828	[illegible]3		4344	
	7121		033			4745		036		
	7088		032			4709		036		B.M. 38-5
	7056		065			4673		072		HACIENDA BLVD & CANADA SOMBRE RD
19	21265	7.088		4381		14127	[illegible]		4416	SEE F.B. 1359-11 FOR DESC
									4.381	
									8.797	
									=0.57 mi	SUMMATION OF RUN
										B.M. 38-4 TO B.M. 38-5
										TOTAL BACKSIGHTS + 168.838
		168.838					26.409			TOTAL FORESIGHTS − 26.409
										DIFF IN ELEVATION + 142.429

F.B. 2407 P.G. 146

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY - SUNSHINE Inst. No. 50010
Notes by T. OHASHI Time 9:45 TO 11:00 Rod No. 1 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 38-5 To BM 32-4
Date 2-14-57
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
	4764		036			7192		038		B.M. 38-5
	4728		034			7156		032		HACIENDA BLVD. & CANADA SOMBRE RD
	4692		570			7077		065		SEE F.B. 1359-11 FOR DESC.
1	14.186	4729		.070		21.325	7.109		.065	
	2029		076			1444		067		
	1953		076			1377		064		T. J. MOODY
	1877		152			8313		131		
2	5.859	1953		.222		23.134	2.378		.196	
	1703		071			9496		071		
	1632		073			9425		070		
	1559		144			9354		142		
3	4.994	1663		.366		28.275	9.425		.338	
	0487		081			7768		080		
	0406		080			7688		078		
	0326		161			7610		158		
4	1.219	3.206		.527		23.064	7.689		.496	
	1118		095			10248		102		
	1013		104			10146		101		
	0909		209			10045		203		
5	3.040	1.013		.736		30.439	10.146		.699	
	9.732					42.747				

F.B. 2407 P.G. 147

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather [illegible] Inst. No. 50010
Notes by T. OHASHI Time 9:45 To 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 38-5 To BM. 38-4
Date 2-12-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1469	9.732	103	736		8338	4[illegible]47	107	609	
	1366		103			8231		108		
	1263		206			8123		215		
6	4098	1.366		942		24.69[illegible]	[illegible]		914	
	737		196			9202		192		
	1547		190			9.0[illegible]		191		
	1357		380			8819		383		
7	4641	1.547		1322		2703[illegible]	[illegible]		1297	
	[illegible]		189			10333		191		
	[illegible]		191			10142		190		
	[illegible]		380			9552		381		
8	2.488	0.829		1702		30427	[illegible]		1628	
	0681		145			10079		145		
	0536		147			9934		145		
	0389		292			9789		290		
9	1606	0.535		1994		29802	[illegible]		1968	
	0759		105			10642		105		
	0654		105			10537		106		
	0549		210			10431		211		
10	1962	0.654		2204		31610	[illegible]		2179	
		14.663					90.601			

F.B. 2407 P.G. 148

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY - SUNSHINE Inst. No. 50010
Notes by T. OHASHI Time 9:45 To 11:00 Rod No. 11,512

Name L. A. CO. PRECISE LEVEL NET
Job No. 03101
From BM 38-5 To BM 38-4
Date 2-14-57
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
	1654	14.663	117	2204		10903	10.601	125	2189	
	1577		116			10778		121		
	1461		233			10657		246		
11	4.732	1.577		2437		32338	10.779		2375 +25	
	0548		117			9711		118		
	0431		114			9593		115		
	0317		231			9478		233		
12	1.296	0.432		2668		28782	9.594		2648 +5	
	1741		097			9923		124		
	1644		095			9799		120		
	1534		192			9679		244		
13	4.934	1.645		2860		29401	9.800		2752 +902	
	2294		095			6783		091		
	2199		093			6692		093		
	2106		188			6599		184		
14	6.599	2.200		3048		20071	6.691		3086 +8	
	1828		189			9618		191		
	1639		188			9427		190		
	1451		377			9237		381		
15.	4.918	1.639		3425		28282	9.427		3447 +6	
	22156					136392				

F.B. 2407 P.G. 149

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY-SUNSHINE Inst. No. 50010
Notes by T. OHASHI Time 9:45 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 38-5 To BM 38-4
Date 2-14-57
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
	1.115	22.156	134	3425		9477	[illegible]392	130	3467	
	0.981		131			9347		130		
	0850		265			9217		260		
16	2.946	0.982		3690		28.041	[illegible]		.727 3677	
	0966		133			9535		131		
	0833		132			9404		131		
	0701		265			9273		262		
17.	2.500	0.833		3955		28.212	[illegible]		3989	
	2537		075			7153		080		
	2462		075			7073		078		
	2387		150			6995		158		
18.	7.386	2.462		105 [illegible]		21.221	[illegible]		.147 4097	
	1619		138			9262		131		
	1481		135			8131		131		B.M. 38-4
	1346		273			8000		262		HACIENDA BLVD & ENCANADA DR.
19	4.446	1.482		4368		24393	[illegible]		409 4359	SEE F.B. 1359-10 FOR DESC.
									4378	SUMMATION OF RUN
									8787	B.M. 38-5 TO B.M. 38-4
									0.56 mi	TOTAL BACKSIGHTS +27.915
										TOTAL FORESIGHTS -170.348
										DIFF IN ELEVATION -142.433
		27.915					170.348			

F.B. 2407 P.G. 150

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. [illegible] Weather HAZY - SUN Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:05 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 030402
From BM. 38-5 To BM. 38-6
Date 2-14-57
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
	10.710		091		* 11	1 327		091		B.M. 38-5
	10.619		089			1,236		089		HACIENDA BLVD. & CANADA SOMBRE RD.
	10.530		180			1 147		180		SEE F.B. 1359-11 FOR DESC.
1	31859	10,620		180	78°	3 710	1,237		180	
	10.435		118			2.519		112		T J. MOODY
	10.317		118			2.407		111		
	10.199		236			2,296		223		
2	30.951	10.317		416		7.222	2.407		403	
	11.156		091			0,669		082		
	11065		091			0.587		083		
	10.974		182			0.504		165		
3	33195	11.065		598		1,760	0.587		568	
	10 995		088			1,215		090		
	10.907		088			1,125		089		
	10,819		176			1.036		179		
4	32.721	10.907		774		3 376	1.125		747	
	9,294		092			1.183		091		
	9,202		090			1,092		093		
	9,112		182			0.999		184		
5	27.608	9.203		956		3.274	1.091		931	
	52,112					6,447				

F.B. 2407 P.G. 151

76P526 S & E #379 1-54

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Chief of Party G. E. [illegible] Weather HAZE - SUN Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:05 Rod No. 11 & 12

Name [illegible]
Job No. 0.301.02
From B.M. 38-5 To B.M. 38-6
Date 2-14-57
Indexed A. C. Johnson

F.B. 2407 P.G. 152

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.552	52112	106	.956		0.763	6.447	091	.931	
	11.446		107			0.612		094		
	11.339		213			0.518		185		
6	34.337	11.446		1.169		1.833	[illegible]		1.116	
	11.927		094			0.937		084		
	11.833		095			0.853		082		
	11.738		189			0.771		166		
7	35.498	11.833		1.358		2.561	0.854		1.282	
	9.997		059			0.739		061		
	9.938		057			0.678		061		
	9.881		116			0.617		122		
8	29.816	9.939		1.474		2.034	[illegible]		1.404	
	11.076		060			0.905		081		
	11.016		058			0.824		080		
	10.958		118			0.744		161		
9	33.050	11.017		1.592		2.473	[illegible]		1.565	
	11.009		081			1.054		098		
	10.928		081			0.956		097		
	10.847		162			0.859		195		
10	32.784	10.928		1.754		2.869	[illegible]		1.760	
	107.275					10.370				

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 2:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-5 To B.M. 38-6
Date 2-14-57
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
	11,232	10.275	090	1.754		1 359	10.370	090	1.760	
	11.142		089			1.269		090		
	11.053		179			1. 179		180		
11	33.427	11.142		1,933		3.807	1.269		1.940	
	11.299		103			1.659		102		
	11.196		102			1,557		102		
	11.094		205			1.455		204		
12	33589	11.196		2.138		4.671	1,557		2.144	
	10.779		085			0 559		086		
	10,694		086			0.473		088		
	10 608		171			0.385		174		
13	32081	10.694		2.309		1.417	0.472		2,318	
	11,315		084			0.794		089		
	11. 231		083			0.705		088		
	11. 148		167			0.617		177		
14	33,694	11.231		2,476		2.116	0.705		2,495	
	10.229		102			1.909		102		
	10.127		100			1.807		102		
	10.027		202			1.705		204		
15	30 383	10.128		2.678		5.421	1, 807		2.699	
	161.666					16.180				

F.B. 2407 P.G. 153

76P526 S & E #379 1-54

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Chief of Party S. [illegible] A. Weather HAZE - SM. Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:00 Rod No. 11 & 12

Name L. A. CO. [illegible] INF.
Job No. R 30102
From B.M. 38-5 To B.M. 38-6
Date 2-14-57
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
	9.380	161.666	132	2678		2.352	2.228	124	2.699	+ 170.914
	9.248		131			2.228		123		- 18.408
	9.117		263			2.105		247		+ 152.506
16	27.745	9.248		2,941		6.685	2.228		2,946	
		170.914					18.408			B.M. 38-6A S.W. Cor. HACIENDA BLVD. & SKYLINE DR., R.R. SPK IN EUCALYPTUS TREE
										+ 4.134
	4.167		034			6.848		033		- 6.816
	4.133		032			6.815		031		- 2.682
	4.101		066			6.784		064		B. M. 38-6
17	12.401	4.134		3.007		20.447	6.816		3.010	HACIENDA BLVD. & SKYLINE DR. SEE F.B. 1359-12 FOR DESC.

F.B. 2407 P.G. 154

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 2:05 TO 3:15 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 38-6 To B.M. 38-5
Date 2-14-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.795		032			4.116		034		B.M. 38-6
	6.763		031			4.082		032		HACIENDA BLVD. & SKYLINE DR.
	6.732		063			4.050		066		SEE F.B. 1359-12 FOR DESC
1	20.290	6.763		.063		12.248	4.083		.066	+6.763
										B.M. 38-6A -4.083
										2.680
										"
	2469		124			9.497		134		
	2.345		123			9.363		130		
	2.222		247			9.233		264		T. J. MOODY
2	7.036	2.345		.310		28.093	9.364		.330	
	1883		101			10.207		103		
	1.782		101			10.104		101		
	1681		202			10.003		204		
3	5.346	1.782		.512		30.314	10.105		.534	
	0.847		090			11.366		085		
	0.757		087			11.281		084		
	0.670		177			11.197		169		
4	2.274	0.758		.689		33.844	11.281		.703	
	4.885					30.750				

F.B. 2407 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 Hazy Inst. No. 50010
Notes by G.E. DREIER Time 2:05 TO 3:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-6 To B.M. 38-5
Date 2-14-57
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
	0.588	4.885	087	1.689		10.812	30.750	087	1.703	
	0.501		088			10.725		087		
	0.413		175			10.638		174		
5	1.502	0.501		.864		32.175	10.725		.877	
	1.333		102			10.970		102		
	1.231		103			10.868		101		
	1.128		205			10.767		203		
6	3.692	1.231		1.069		32.605	10.868		1.080	
	1.037		090			10.909		088		
	0.947		090			10.821		088		
	0.857		180			10.733		176		
7	2.841	0.947		1.249		32.463	10.821		1.256	
	0.749		090			10.718		086		
	0.659		087			10.632		088		
	0.572		177			10.544		174		
8	1.980	0.660		1.426		31.894	10.631		1.430	
	0.885		073			11.068		065		
	0.812		073			11.003		065		
	0.739		146			10.938		130		
9	2.436	0.812		1.572		33.009	11.003		1.560	
			9.036					84.798		

F.B. 2407 P.G. 156

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G.E. DREIER Time 2:05 TO 3:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-6 To B.M. 38-5
Date 2-14-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.599	9.036	062	1.572		9856	84.798	058	1.560	
	0.537		061			9.798		059		
	0.476		123			9 739		117		
10	1.612	0.537		1.695		29.393	9.798		1.677	
	0.904		085			11.893		095		
	0.819		083			11.798		093		
	0.736		168			11.706		188		
11	2.459	0.820		1.863		35.397	11.799		1.865	
	0 739		090			11 591		109		
	0 649		090			11.482		108		
	0.559		180			11.374		217		
12	1.947	0.649		2.043		34.447	11.482		2.082	
	1.152		093			9 263		091		
	1.059		091			9.172		091		
	0.968		184			9.081		182		
13	3.179	1.060		2.227		27.516	9.172		2.264	
	0608		099			10,372		080		
	0.509		097			10.292		079		
	0.412		196			10.113		159		
14	1.529	0.510		2.423		30.777	10.292		2.423	
	12.612					137.341				

F.B. 2407 P.G. 157

76P526 S & E #379 1-54

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Chief of Party G. [illegible] Weather HAZY SUN Inst. No. 50010
Notes by G.E.DREIER Time 2:05 TO 3:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 38-6 To B.M. 38-5
Date 2-14-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.532	12.612	085	2.423		11.015	137.341	088	2.423	
	0.447		084			10.927		090		
	0.363		169			10.837		178		
15	1.342	0.447		2.592		32.779	10.926		2.601	
	2.711		115			10.620		118		+16.868
	2.596		115			10.502		117		−169.364
	2.481		230			10.385		235		152.496
16	7.788	2.596		2822		31.507	10.502		2.836	
	1.306		093			10.682		087		
	1.213		092			10.595		086		B.M. 38-5 RD.
	1.121		185			10.509		173		HACIENDA BLVD & CANADA SOMBRE
17	3.640	1.213		3.007		31.786	10.595		3.009	SEE F.B. 1359-11 FOR DESC.
		16.868					169.364			

F.B. 2407 P.G. 158

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather FOGGY Inst. No. 50010
Notes by T. OHASHI Time 7:50 TO 11:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.07
From B.M. 38-6 To B.M. 38-7
Date 2-15-57 A. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6679		180			11305		172		BM 38-6
	4499		177			11133		171		HACIENDA BLVD. & SKYLINE DR.
	4322		357			10962		343		SEE FB. 1359 - 12 FOR DESC.
1	13500	4.506		357		33700	11.133		343	
	1573		102			10211		103		
	1471		103			10108		103		T J. MOODY
	1368		205			10005		206		
2	4412	1.471		562		30324	10.108		549	
	1270		102			9432		100		
	1168		100			9332		100		
	1068		202			9232		200		
3	3506	1.169		764		27996	9.332		745	
	1493		098			9457		097		9.360
	1395		098			9360		096		1.395
	1297		196			9264		193		7.965
4	4185	1.395		960		28081	9.360		942	7.965
										15.930
	1546		110			9991		107		
	1436		109			9877		106		
	1327		219			9771		213		
5	3709	1.236		1179		29632	9.877		1155	
	9.771					49.810				

F.B. 2407 P.G. 159

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather [illegible] Inst. No. 50010
Notes by [illegible] Time [illegible] Rod No. [illegible]

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1154	9.771	111	[illegible]		9899	49.810	112	[illegible]	
	1043		110			9751		113		
	0933		221			9674		225		
6	3130	1.043		1.400		29360	[illegible]		1380	
	1142		110			[illegible]		111		
	1032		109			9818		109		
	0923		[illegible]			9709		220		
7	[illegible]	[illegible]		1.619		[illegible]	[illegible]		1600	
	1603		114			11246		121		
	1489		114			11175		119		
	1375		228			11056		240		
8	4467	1.489		1.847		33527	[illegible]		1840	
	[illegible]		105			[illegible]		104		
	1133		103			[illegible]		102		
	1030		208			[illegible]		206		
9	3451	1.134		2.055		32396	[illegible]		2046	
	[illegible]		[illegible]			[illegible]		099		
	0619		[illegible]			[illegible]		098		
	0514		200			10209		197		
10	[illegible]	[illegible]		2.255		30922	10.307		2243	
		15.088					101.698			

F.B. 2407 P.G. 160

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather FOGGY Inst. No. 50010
Notes by T. OHASHI Time 9:45 TO 11:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 3[illegible] To BM. 3[illegible]-7
Date 2-15-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1719	15.088	081	2255		9412	101.698	079	2243	
	1638		082			9333		077		
	1556		163			9256		156		
	4913	1.638		2418		28001	9.334		2.399	
	0.568		096			10732		107		
	0.472		095			10625		106		
	0.377		191			10519		213		
12	1.417	0.472		2.609		31876	10.625		2.612	
	[illegible]		101			[illegible]		115		
	[illegible]		103			[illegible]		114		
	[illegible]		204			[illegible]		229		
13	2.071	0.690		2.813		[illegible]36	11.845		2.841	
	[illegible]		057			644		057		
	[illegible]		056			[illegible]		055		
	[illegible]		113			[illegible]		112		
14	[illegible]	2.178		2.926		16.763	5.588		2.953	
		20066					139090		2.926	
									.5879	
									0.38	

+ 20.066
- 139.090
- 119.024

T.B.M. W. SIDE
HACIENDA BLVD. AT MI. 2.30
CHISELED SQ IN CENTER OF
HEADWALL

F.B. 2407 P.G. 161

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather FOGGY Inst. No. 50016
Notes by T. OHASHI Time 9:45 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From [illegible] To [illegible]
Date [illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0655		082	2926		8919		069	2953	
	0573		082			8850		071		
	0491		164			8779		140		
15	1719	0.573		3090		26.5[illegible]			3093	
	0912		091			[illegible]223		088		
	[illegible]		093			[illegible]		[illegible]		
	[illegible]		184			[illegible]		[illegible]		
16	[illegible]	[illegible]		3274		[illegible]	[illegible]		3260	
	[illegible]		102			[illegible]		[illegible]		
	[illegible]		101			[illegible]		[illegible]		
	[illegible]		203			[illegible]		[illegible]		
17	[illegible]	[illegible]		[illegible]7		[illegible]	[illegible]		3459	
	[illegible]		088			292		86		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		176			[illegible]		[illegible]		
18	[illegible]	[illegible]		[illegible]3		[illegible]	[illegible]7		3629	
	[illegible]		085			10266		090		
	[illegible]		084			10176		089		
	[illegible]41		169			10087		179		
19	[illegible]	[illegible]		3822		30.529	10.176		3808	
		3.536					5[illegible]7			

F.B. 2407 P.G. 162

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 FOGGY Inst. No. 50010
Notes by T. OHASHI Time 9:45 TO 11:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 38-6 To BM 38-7
Date 2-15-62 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1310	3.536	088	3.122		10647	10.357	088	3808	
	1230		088			10559		085		
	1142		176			10474		173		
20	[illegible]	1.230		3.998		[illegible]680	10.560		3.981	
	2182		050			8665		053		+ 8.669
	2132		051			[illegible]		054		− 77.685
	[illegible]		101			8555		107		
21	[illegible]	2.132		4.099		[illegible]	8.612		4088	DIFF T.B.M. TO 38-7 69.016
	[illegible]		054			8218		062		B.M. 38-7
	1771		055			8156		062		HACIENDA BLVD., W. SIDE, 0.54 MI.
	[illegible]		109			8094		129	4	N'LY FROM SKYLINE DR. 2' N.W. FROM
22	5312	1.771		4208		29.468	8.156		4.212	CONC. H'DWALL TO CULVERT AT MI. POST
										MI. 2.44. SEE F.B. 1359-13 DESC.

SUMMATION OF RUN

DIFF IN ELEV. B.M. 38-6 TO T.B.M. −119.0~~16~~ 24
" " " T.B.M. TO B.M. 38-7 − 69.016
" " " B.M. 38-6 TO B.M. 38-7 −188.0~~32~~ 40

8.669 77.685

F.B. 2407 P.G. 163

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather FOGGY Inst. No. 52010
Notes by G. E. DREIER Time 11:00 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 020102
From BM 38-7 To B.M. 38-6
Date 2-15-
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
	8309		062			1916		055		B.M. 38-7
	8.247		061			1.861		054		HACIENDA BLVD, 0.54 MI. N. OF
	8.186		123			1.807		109		SKYLINE DR
1	24.742	8.247		.123		5.584	1.861		.108	SEE F.B. 1359-13 FOR DESC.
	8.693		051			2.215		053		
	8.642		050			2.162		053		↑ J. MOODY
	8.592		101			2.109		106		
2	26027	8.642		.224		6.486	2.162		.215	
	10.652		088			1.321		088		
	10.564		086			1.233		087		
	16.478		174			1.146		175		
3	31.694	10.565		.398		3.700	1.233		.390	
	10.194		087			0.952		086		
	10.017		087			0.866		087		
	9.930		174			0.779		173		
4	30.051	10.017		.572		2.597	0.866		.563	
	10.203		085			0.714		087		
	10.118		085			0.627		089		
	10.033		170			0.538		176		
5	30.354	10.118		.742		1.879	0.626		.739	
	47589					6.778				

F.B. 2407 P.G. 164

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-7 To B.M. 38-6
Date 2-15-57
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
	11.056	4.7589	101	.742		0.504	6.748	102	.739	
	10.955		099			0.402		102		
	10.856		200			0.300		204		
6	32.867	10.956		.942		1.206	0.402		.943	
	10.165		085			0.823		091		
	10.080		081			0.732		093		
	9.997		166			0.639		184		
7	30.242	10.081		1.108		2.194	0.731		1.127	
	9.185		075			0.912		079		+77.736
	9.110		075			0.833		078		- 8.714
	9.035		150			0.755		157		+69.022
8	27.330	9.110		1.258		2.500	0.833		1.284	
		77.736					8.714			
										T.B.M. W. SIDE, HACIENDA BLVD, AT MI. POST 2.30 CHISELED SQ. IN CENTER OF CULVERT HEADWALL
	6.126		060			2.707		051		
	6.066		060			2.656		050		
	6.006		120			2.606		101		
9	18.198	6.066		1.378		7.969	2.656		1.385	

F.B. 2407 PG. 165

76P526 S & E #379 1-54

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

Name L. A. C.
Job No. 030102
From B.M. 38-7 To B.M. 37-6
Date 2-15-57
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
	11.959	6.066	117	1.378		0.788	.656	100	1.385	
	11.842		116			0.688		100		
	11.726		233			0.588		200		
10	35527	11.842		1.611		2.064	0.688		1.585	
	10.603		103			0.448		099		
	10.500		101			0349		099		
	10.394		204			0250		198		
11	31.502	10.501		1.815		1.047	0.349		1.783	
	9.386		079			1695		083		
	9.307		078			1.612		083		
	9.229		157			1.529		166		
12	27.922	9.307		1.972		4.836	1.612		1.949	
	10.405		099			0.719		101		
	10.306		098			0.618		100		
	10.208		197			0518		201		
13	30.919	10.306		2.169		1.855	0.618		2.150	
	10.655		103			0.991		105		
	10.552		104			0.886		103		
	10.448		207			0.783		208		
14	31.655	10.552		2.376		2.660	0.887		2.358	
				58.514					6.810	

F.B. 2407 P.G. 166

76P526 S & E #379 1-54

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

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0301.02
From B.m. 38-7 To B.m. 38-6
Date 2-15-57
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
	10.859	58.574	117	2.376		1.174	6.810	117	2.358	
	10.742		116			1.057		118		
	10.626		233			0.939		235		
15	32.227	10.742		2.609		3.170	1.057		2.593	
	9.991		112			1.204		110		
	9.879		108			1.094		109		
	9.771		220			0.985		219		
16	29.641	9.880		2.829		3.283	1.094		2.812	
	9.745		110			1.005		114		
	9.635		110			0.891		114		
	9.525		220			0.777		228		
17	28.905	9.635		3.049		2.673	0.891		3.040	
	10.068		109			1.429		110		
	9.959		105			1.319		109		
	9.854		214			1.210		219		
18	29.881	9.960		3.263		3.958	1.319		3.259	
	9.376		095			1.415		100		
	9.281		093			1.315		098		
	9.188		188			1.217		198		
19	27.845	9.282		3.457		3.947	1.316		3.457	
	108.073					12.487				

F.B. 2407 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 FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 12:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-7 To B.M. 38-6
Date 2-14
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
	9.336	108.073	100	3.451		1.175	12.487	102	3.457	
	9.236		099			1.073		102		
	9.137		199			0.971		204		
20	27.709	9.236		3.650		3.219	1.073		3.661	
	10.143		104			0.507		104		
	10.039		101			0.403		102		
	9.938		205			0.301		206		+ 137.366
21	30.120	10.040		3.855		1.211	0.404		3.867	- 18.348
										+ 119.018
	11.188		172			4.562		179		
	11.016		170			4.383		177		B.M. 38-7
	10.846		342			4.206		356		HACIENDA BLVD. 0.54 mi. N. OF
22	33.050	11.017		4.197		13.151	4.384		4.223	SKYLINE DR.
		137.366					18.348			SEE F.B. 1359-13 FOR DESC.
										SUMMATION OF RUN
										DIFF IN ELEV. B.M. 38-7 TO T.B.M. +69.022
										" " " T.B.M. TO B.M. 38-6 +119.018
										" " " B.M. 38-7 TO B.M. 38-6 +188.040

F.B. 2407 P.G. 168

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 FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 2:25 TO 3:40 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-7 To B.M. 38-8
Date 2-15-57
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
	0.939		104			11.718		102		B.M. 38-7
	0.835		106			11.616		100		HACIENDA BLVD., 0.54 MI. N. OF
	0.729		210			11.516		202		SKYLINE DR.
1	2.503	0.834		.210		34.850	11.617		.202	SEE F.B. 1359-13 FOR DESC.
	0.779		074			10.561		073		T J. DOODY
	0.705		076			10.488		073		
	0.629		150			10.415		146		
2	2.113	0.704		.360		31.464	10.488		.348	
	1.013		065			9.559		061		
	0.948		064			9.498		061		
	0.884		129			9.437		122		
3	2.845	0.948		.489		28.494	9.498		.470	
	0.852		075			9.705		072		
	0.777		073			9.633		073		
	0.704		148			9.560		145		
4	2.333	0.778		.637		28.898	9.633		.615	
	2.277		115			10.485		108		
	2.162		112			10.377		107		
	2.050		227			10.270		215		
5	6.489	2.163		.864		31.132	10.377		.830	
	5.427					51.613				

F.B. 2407 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 FOGGY Inst. No. 50010
Notes by G. E. DREIER Time 2:25 TO 5:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 38-7 To B.M. 38-8
Date 2-15-57
Indexed K. C. Johnson

F.B. 2407 P.G. 1 & 2

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.142	5.427	098	.864		9.296	9.613	111	.830	
	1.044		098			9.185		110		
	0.946		196			9.075		221		
6	3.132	1.044		1.060		27.556	9.185		1.051	
	0.830		132			10.953		132		
	0.698		133			10.821		130		
	0.565		265			10.691		262		
7	2.093	0.698		1.325		32.465	10.822		1.313	
	0.550		128			11.543		132		
	0.422		125			11.411		134		
	0.297		253			11.277		266		
8	1.269	0.423		1.578		34.231	11.410		1.579	
	1.076		104			9.744		101		
	0.972		105			9.643		099		
	0.867		209			9.544		200		
9	2.915	0.972		1.787		28.930	9.643		1.779	
	0.913		116			10.113		117		
	0.797		117			9.996		117		
	0.680		233			9.879		234		
10	2.390	0.797		2.020		29.988	9.996		2.013	
		9.361					102.669			

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 FOGGY Inst. No. 50010
Notes by G. E DREIER Time 2:25 TO 3:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 38-7 To B.M. 38-8
Date 2-15-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.523	9.361	132	2.020		9 790	102.669	128	2.013	
	0.391		133			9.662		127		
	0.258		265			9.535		255		
11	1.172	0.391		2.285		28.987	9.662		2.268	
	1.101		146			10.071		147		
	0.955		145			9.924		145		
	0.810		291			9.779		292		
12	2.866	0.955		2.576		29.774	9.925		2.560	
	0.909		134			10.630		132		
	0.775		133			10.498		130		
	0.642		267			10.368		262		
13	2.326	0.775		2.843		31.496	10.499		2822	
	0.799		161			10.028		166		
	0.638		161			9.862		163		
	0.477		322			9.699		329		
14	1.914	0.638		3.165		29589	9.863		3151	
	1.319		177			8.168		176		
	1.142		175			7.992		174		
	0.967		352			7.818		350		
15	3.428	1.143		3.517		23.978	7.993		3501	
		13.263					150.611			

F.B. 2407 P.G. 177

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 Foggy Inst. No. 50010
Notes by G. E. DREIER Time 2:25 TO 3:40 Rod No. 11812

Name L.A.C. FLOOD CONTROL NET
Job No. 030102
From B.M. 38-7 To B.M. 38-8
Date 2-15-57
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
	1.047	0.854	194	3.517		10.837	10.617	220	3.501	B.M. 38-8
	0.853		192			10.617		218		HACIENDA BLVD. 0.45 M. S. OF
	0.661		386			10.399		438		LOS ALTOS DR.
16	2.561	0.854		3.903		31.853	10.618		3.939	
									3.903	SEE F.B. 1359-15 FOR DISC.
									1.842	
									0.50 mi	
										SUMMATION OF RUN
										B.M. 38-7 TO B.M. 38-8
										TOTAL BACKSIGHTS +14.117
										TOTAL FORESIGHTS -161.229
										DIFF IN ELEV. -147.112
	14.117					161.229				

F.B. 2407 P.G. 172

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] Weather PART CLOUDY Inst. No 50010
Notes by G.E. DREIER Time 9:50 TO 10:45 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 38-8 To B.M. 38-7
Date 2-19-57
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
	10.913		219		#11	1.120		190		B.M. 38-8
	10.694		217			0.930		191		HACIENDA BLVD. 0.45 MI. S. OF
	10.477		436			0.739		381		LOS ALTOS DR.
1	32.084	10.695		436	65°	2.789	0.930		.381	SEE F.B. 1359-14 FOR DESC.
	8.362		164			1.239		187		
	7.898		161			1.052		187		
	7.737		325			0.865		374		T. J. MOODY
2	23.698	7.899		.761		3.156	1.052		.755	
	9.968		160			0.749		166		
	9.808		159			0.583		164		
	9.649		319			0.479		330		
3	29.425	9.808		1.080		1.751	0.584		1.085	
	10.642		131			0.924		133		
	10.511		132			0.791		134		
	10.379		263			0.657		267		
4	31.532	10.511		1.343		2.372	0.791		1.352	
	10.077		147			1.111		149		
	9.930		146			0.962		145		
	9.784		293			0.817		294		
5	29.791	9.930		1.636		2.890	0.963		1.646	
	48.843					4.320				

F.B. 2407 P.G. 173

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather PART CL[illegible] Inst. No. 50010
Notes by G.E. DREIER Time 9:50 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-8 To B.M. 38-7
Date 2-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.779	48.843	128	1.636		0.513	4.[illegible]20	134	1.646	
	9.651		128			0.379		131		
	9.523		256			0.248		265		
6	28.953	9.651		1.892		1.140	[illegible]		1.911	
	10.456		118			1.253		117		
	10.338		117			1.136		118		
	10.221		235			1.018		235		
7	31.015	10.338		2.127		3.407	1.136		2.146	
	9.897		104			1.225		102		
	9.794		103			1.123		101		
	9.691		207			1.022		203		
8	29.382	9.794		2.334		3.370	1.123		2.349	
	11.603		134			0.609		127		
	11.469		134			0.482		125		
	11.335		268			0.357		252		
9	34.407	11.469		2.602		1.448	0.483		2.601	
	10.967		132			0.841		130		
	10.835		132			0.711		132		
	10.703		264			0.579		262		
10	32.505	10.835		2.866		2.131	0.710		2.863	
		100.930					8.152			

F.B. 2407 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. [illegible] Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:50 TO 10:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 38-8 To B.M. 38-7
Date 2-19-57
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
	9.397	100.930	110	2.866		1.242	8.152	096	2.863	
	9.287		111			1.146		097		
	9.178		221			1.049		193		
11	27860	9.287		3.087		3.437	1.146		3.056	
	10.597		109			2.393		117		
	10.488		106			2.276		117		
	10.382		215			2.159		234		
12	31.467	10.489		3.302		6.828	2.276		3.290	
	9.826		073			0.972		074		
	9.753		072			0.898		073		
	9.681		145			0.825		147		
13	29.260	9.753		3.447		2.695	0.898		3.437	
	9.560		062			1.015		065		
	9.498		061			0.950		065		
	9.437		123			0.885		130		
14	28.495	9.498		3.570		2.850	0.950		3.567	
	10.845		074			1.063		076		
	10.771		073			0.987		075		
	10.698		147			0.912		151		
15	32.314	10.771		3.717		2.962	0.987		3.718	
	150.728					14.409				

F.B. 2407 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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:50 TO 10:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVELING
Job No 030102
From BM 38-8 To B.M. 38-7
Date 2-19-57
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
	11.939	150.728	102	3.717		1,164 1.459		107	3.718	
	11.837		100			1.057		107		B.M. 38-7
	11.737		202			0.950		214		HACIENDA BLVD., 0.56 MI. N. OF
16	35.513	11.838		3.919		3.171 1.057			3.932	SKYLINE DR.
									3.919	SEE F.B. 1359-13 FOR DESC
									7.851	
									-0.51 m	
										SUMMATION OF RUN
										B.M. 38-8 TO B.M. 38-7
										TOTAL BACKSIGHTS +162.566
										TOTAL FORESIGHTS - 15,466
										DIFF IN ELEVATION +147,100
	162.566					15.466				

F.B. 2407 P.G. 176

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 J Moody Time 8:45 to 9:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From Bm 38-8 To Bm 38-9
Date 2-19-57
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
	1629		177		#11	9168		174		Bm 38-8
	1452		175			8994		172		Hacienda Bl. & 0.45 m.S. of
	1277		352			8822		346		Los Altos Dr.
1	43.58	1.453		.352	61°	26984	8.995		.346	See F.B. 1359-15 for Desc.
	1151		189			9618		190		
	0962		191			9428		189		T. G.E. Dreier
	0771		380			9239		379		
2	2.884	0.961		.732		28285	9.428		.725	
	1198		192			8738		188		
	1006		193			8550		190		
	0813		385			8360		378		
3	3.017	1.006		1.117		25648	8.549		1.103	
	2627		194			8497		190		
	2433		191			8307		189		
	2242		385			8118		379		
4	7302	2.434		1.502		24922	8.307		1.482	
	0684		173			10463		207		
	0511		173			10256		206		
	0338		346			10050		413		
5	1.533	0.511		1.848		30.769	10.256		1.895	
		6.365					45.535			

F.B. 2467 P.G. 177

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by J. Maody Time 8:45 to 9:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.102
From Bm 38-8 To Bm 38-9
Date 2-19-57
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
	2098	6365	190	1848		8152	45535	189	1895	
	1908		191			7963		188		
	1717		381			7775		377		
6	5723	1.908		2229		23890			2272	
	2687		189			8399		191		
	2498		189			8208		190		
	2309		378			8018		381		
7	7494	2.498		2607		24625	8.208		2653	
	0.784		202			9302		179		
	0.582		202			9123		177		
	0.380		404			8946		356		
8	1.746	0.582		3011		27371	9.124		3009	
	1427		174			7245		172		BM 38-9
	1253		172			7073		172		Hacienda BL. & Los Altos Dr.
	1081		346			6901		344		See F.B. 1359-15 for desc.
9	3761	1.254		3357		21219	7.073		3353	
									3357	SUMMATION OF RUN
									6.710	B.M. 38-8 TO B.M. 38-9
									=0.43 mi	TOTAL BACKSIGHTS +12.607
										TOTAL FORE SIGHTS -77.903
	12.607					77.903				DIFF IN ELEVATION -65.296

F.B. 2407 P.G. 178

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by J. Moody Time 9:15 to 9:45 Rod No. 11 & 12

Name L. A. CO. [illegible] LEVEL NET
Job No. 0301.02
From Bm 38-9 To Bm 38-8
Date 2-19-57
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
	7193		171		#11	1376		174		Bm. 38-9
	7022		171			1202		171		Hacienda Bl. & Los Altos Dr.
	6851		342'			1031		345'		See C. B. 1359-15 for Desc.
1	21066'	7.022'		342'	66°	3.609'	1.203'		345'	
	9359		190			0817		191		
	9169		190			0626		191		* G.E. Dreier
	8979		380'			0435		382'		
2	27507'	9.169'		722'		1878'	0.626'		727'	
	8386		191			2673		190		
	8195		190			2483		186		
	8005		381'			2297		376'		
3	24586'	8.195'		1103'		7453'	2484'		1403'	
	8060		189			2002		191		
	7871		189			1811		188		
	7682		378'			1623		379'		32.257
4	23613'	7.871'		1481'		5436'	1.812'		1482'	6.125
	10474	32.257'	192			06886	6.125'	169		26.132
	10262		190			0519		167		
	10052		382'			0352		336'		
5	30788'	10.263'		1863'		1559'	0.520'		1818'	
		42.520'					6.645'			

F.B. 2407 P.G. 179

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREYER Weather Clear Inst. No. 50010
Notes by J. Moody Time 9:15 to 9:45 Rod No. 11 & 12

Name L. A. COUNTY ENGINEER
Job No. 0391.02
From Bm 38-9 To Bm 38-8
Date 2-19-57 A. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8503	42.520	181	1863		2653	6.645	202	1818	
	8322		180			2451		200		
	8142		361			2251		402		
6	24967	8.322		2224		7355	2.452		2220	
	8588		191			1047		194		
	8397		189			0853		192		
	8208		380			0661		386		
7	25193	8.398		2604		2561	0.854		2606	
	9440		189			0972		191		
	9251		190			0781		190		
	9061		379			0591		381		
8	27752	9.251		2983		2344	0.781		2987	
	8977		175			1438		178		BM 38-8
	8802		173			1260		176		Hacienda Bl. & 0.45 mi S. of
	8629		348			1084		354		Los Altos Dr.
9	26408	8.805		3331		3782	1.261		3341	See F.B. 1359-15 for desc.
									3.333	
									6.673	
									=0.43 mi.	
										SUMMATION OF RUN
										B.M. 38-9 TO B.M. 38-8
										TOTAL BACKSIGHTS + 77.294
										TOTAL FORESIGHTS − 11.993
		77.294					11.993			DIFF. IN ELEV. + 65.301

F.B. 2402 P.G. 180

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. [illegible] Weather AVERAGE Inst. No. 50010
Notes by T. OHASHI Time 11:25 TO 12:00 Rod No. 11 E/12

Name L. A. CO. PRECISE LEVEL NET
Job No. 830102
From B.M. 38-9 To B.M. 38-10
Date 2-19-57
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
	4911		120		#11	7302		125		BM. 38-9
	4791		120			7177		126		HACIENDA BLVD. & LOS ALTOS DR.
	4671		240			7051		251		SEE F.B. 1359-15 FOR DESC.
1	14.373	4.791		240		21.530	7.177		251	
	2031		219			9325		218		T J. MOODY
	1812		217			9107		216		
	1595		436			8891		436		
2	5.438	1.813		676		27.323	9.108		687	
	2098		213			9113		210		
	1885		216			8903		207		
	1669		429			8696		417		
3	5.652	1.884		1105		26.712	8.904		1104	
	2244		191			8719		190		
	2053		187			8529		190		
	1864		380			8339		380		
4	6.161	2.054		1485		24.587	8.229		1484	
	2623		190			8839		190		
	2433		189			8649		190		
	2244		379			8459		380		
5	7.300	2.433		1864		27.947	8.249		1864	
	12.975					41.667				

F.B. 2467 P.G. 181

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 30010
Notes by T. OHASHI Time 11:25 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0361-52
From BM 38-9 To BM 38-10
Date 2-19-51
Indexed C. Johnson

F.B. 2407 P.G. 182

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2594	12.975	191	1864		7371		192	1864	
	2403		188			7179		190		
	2215		379			6989		382		
6	7.212	2.404		2243		21539			2246	
	3664		196			6939		188		
	3472		190			6751		192		
	3284		350			6559		380		
7	10.422	3.474		2623		20249			2626	
	3786		191			6613		193		
	3595		189			6619		189		
	3406		380			6431		382		
8	10.787	3.596		3003		19861			3008	
	3206		192			9419		191		
	3014		191			9228		191		
	2823		383			9037		382		
9	9.043	3.014		3386		27864			3375	
	2579		191			7553		191		
	2388		190			7362		191		
	2198		381			7172		380		
10	7.165	2.388		3767		28088	9.363		3755	
	27.851					84.168				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 59010
Notes by T. OYASHI Time 11:25 TO 12:00 Rod No. 11 & 12

Name L. A. CO. [illegible] NET
Job No. 030122
From BM 38-9 To BM 38-10
Date 2-19-57
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
	2519	27.851	172	3767		10763	80.868	176	3770	B.M. 38-10
	2347		172			10587		176		HACIENDA BLVD & TETLEY ST.
	2175		344			10411		352		SEE F.B. 1359-16
11	7.042	42.347		4111		3.761	15.587		4122	
										SUMMATION OF RUN
										B.M. 38-9 TO B.M. 38-10
										TOTAL BACKSIGHTS +30.198
										TOTAL FORESIGHTS -91.455
										DIFF IN ELEVATION -61.257
										F.B. 2407 P.G. 183
	30.198					91.455				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 59010
Notes by T. OHASHI Time 8:25 TO 9:10 Rod No. 11512

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 38-10 To BM 38-9
Date 2-19-54
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
	10660		177		#11	2919		172		BM 38-10
	10483		176			2291		172		HACIENDA BLVD & TETLEY ST.
	10307		353			2075		344		SEE F.B. 1359-16 FOR DESC.
1	31450	10483		353		6745	2247		344	
	9547		190			2511		193		T. J. MOODY
	9357		189			2378		190		
	9168		379			2188		383		
2	28072	9357		732		7137	2379		727	
	7566		191			3299		192		
	7375		190			3107		192		
	7185		381					384		
3	22126	7375		1113		9328	3107		1111	
	6853		189			3251		191		
	6664		191			3066		190		
	6503		380			2876		381		
4	20080	6693		1493		16793	5595		1491	
	6959		188			3614		190		
	6771		192			3424		188		
	6579		380			3306		378		
5	20309	6770		1873		10484	3495		1869	
	42678					14894				

F.B. 2407 P.G. 184

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 8:25 TO 9:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 38-10 To BM 38-9
Date 2-20-57
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
	7367	42.678	191	1873		2589	14.894	191	1869	
	7176		191			2398		188		
	6985		382			2210		379		
6	21528	7.176		2255		7197	2.399		2248	
	5461		190			2641		192		
	5271		191			2456		189		
	5080		381			2267		381		
7	24812	8.271		2636		7364	2.457		2629	
	8278		189			2102		190		
	8089		190			1912		190		
	7899		379			1722		380		
8	24266	8.089		3015		5736	1.912		3009	
	7641		209			2027		215		
	7432		207			1812		216		
	7225		416			1596		431		
9	22498	7.833		3431		5435	1.812		3445	
	9307		218			2507		217		
	9089		216			1790		218		
	8873		434			1572		435		
10	27268	9.096		3865		5365	1.790		3875	
	84.137					25.264				

F.B. 2407 P.G. 185

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 OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 8:25 70 [illegible] Rod No. 11 & 12

Name L. A. [illegible] LEVEL NET
Job No. 0301.02
From BM 38-10 To BM 38-9
Date 2-20-57 A. C. Johnson
Indexed .....

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7262	84137	126	3.865		4875	[illegible]264	123	3.875	BM. 38-9
	7136		125			4752		121		HACIENDA BLVD & LOS ALTOS DR.
	7011		251			4631		244		SEE F.B. 1359-15 FOR DESC.
11	21409	7136		4.116		14,258	[illegible]53		4.119	
									4.116	
									8235	
									0.53mi	
										SUMMATION OF RUN
										B.M. 38-10 TO B.M. 38-9
										TOTAL BACKSIGHTS +91.273
										TOTAL FORESIGHTS -30.017
										DIFF IN ELEVATION +61.256
		91.273					30.017			

F.B. 2407 P.G. 186

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather over cast Inst. No 50010
Notes by J. Moody Time 1:20 to 1:45 Rod No. 11 & 12

Name L. A. C[illegible] NEI
Job No. 030102
From BM 38-10 To BM 38-11
Date 2-19-57
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
	3733		189		#11	7093		192		BM 38-10
	3544		188			6901		190		Hacienda Bl. & tetley St.
	3356		377			6711		382		See F.B. 1359-16 for Desc.
1	10.633	3.544		.377	62°	20.705	6.902		.382	
	2817		190			8284		191		
	2627		189			8093		190		⊼ G.E. Dreier
	2438		379			7903		381		
2	7.882	2.627		.756		24.280	8.093		.763	
	2155		192			8268		189		
	1963		191			8079		188		
	1772		383			7891		377		
3	5.890	1.963		1.139		24.238	8.079		1.140	
	2288		190			8099		188		
	2098		188			7911		191		
	1910		378			7720		379		
4	6.296	2.099		1.517		23.730	7.910		1.519	
	2761	10.233	190			7123	30.984	191		
	2571		189			6932		191		
	2382		379			6741		382		
5	7.714	2.571		1.896		20.796	6.932		1.901	
		12.804					37.916			

F.B. 2407 P.G. 187

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather over ca[illegible] Inst. No. 50010
Notes by J. Moody Time 1:20 to [illegible] Rod No. 11 & 12

Name L. [illegible]
Job No. 0301.02
From BM 38-10 To BM 38-11
Date 2.19.57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.872	12.804	129	1.896		6.878	31.416	125	1.901	
	3.743		129			6.753		123		
	3.614		258			6.630		248		
6	11.229	3.743		2.154		20.261	6.754		2.149	
	3.656		126			7.943		128		BM 38-11
	3.530		127			7.815		127		Hacienda Bl. & Puente Rd.
	3.403		253			7.688		255		See FB 1359-17 - for Desc.
7	10.589	3.530		2.407		23.446	7.[illegible]15		2.404	
										SUMMATION OF RUN
										B.M. 38-10 TO B.M. 38-11
										TOTAL BACKSIGHTS + 20.077
										TOTAL FORESIGHTS − 52.485
										DIFF IN ELEVATION − 32.408
		20.077					52.485			

F.B. 2407 P.G. 188

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party: ..... Weather: overcast Inst. No. 50010
Notes by: J Moody Time: 3:20 to 3:40 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No: 03a1.02
From: BM 38-11 To: BM 38-10
Date: 2-19-57
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
	7890		129		#11	3602		126		BM 38-11
	7761		129			3476		125		Hacienda BL. & Puente RD.
	7632		258			3351		251		See F. B. 1359-17 - for Desc.
1	23283	7761		.258	60°	10429	3476		.251	
	6753		126			3743		129		* G.E. Dreier
	6627		125			3614		127		
	6502		251			3487		256		
2	19882	6627		.509		10844	3615		.507	
	6942		191			2583		191		
	6751		190			2392		189		
	6561		381			2203		380		
3	20254	6751		.890		7178	2393		.887	
	7854		190			2039		189		
	7664		191			1850		190		
	7473		381			1660		379		
4	22991	7664		.1271		5549	1850		.1266	
	8382		190			2267		191		
	8192		190			2076		189		
	8002		380			1887		380		
5	24576	8192		1.651		6230	2077		1.646	
	36995					13411				

F.B. 2467 P.G. 189

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party C. Weather overc Inst. No 5010
Notes by J Moody Time 3:20 to 3:4 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03602
From B.m. 38-11 To B.m. 38-10
Date 2-19-57
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
	8107	36995	189	1651		2641	13211	191	1640	
	7918		188			2450		190		
	7730		377			2260		381		
6	237 55	17918		2028		7351	24 50		2027	
	7183		191			3327		190		B.m 38-10
	6992		190			3137		189		Hacienda Bl. & Tustin St
	6502		381			2948		379		See also B. 1359-16 for Desc.
7	209 77	6992		2409		10912	3637		2406	
										SUMMATION OF RUN
										B.m. 38-11 TO B.m. 38-10
										TOTAL BACKSIGHTS +51.905
										TOTAL FORESIGHTS -19.498
										DIFF IN ELEVATION +32.407

F.B. 2407 P.G. 19.0

51.905 19.498

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 1:45 TO 2:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-11 To B.M. 38-12
Date 2-19-57
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
	3.979		194		#11	8253		192		B.M. 38-11
	3.785		194			8.061		190		HACIENDA BLVD. & PUENTE RD.
	3591		388			7.871		382		SEE F.B. 1359-17 FOR DESC.
1	11.355	3.785		.388	60°	24.185	8.062		382	
	2898		190			7.911		193		↑ J. MOODY
	2.708		190			7.718		190		
	2.518		380			7.528		383		
2	8.124	2.708		.768		23.157	7.719		765	
	2628		195			7.822		191		
	2433		194			7.631		192		
	2239		389			7.439		383		
3	7.300	2.433		1.157		22.892	7.631		1.148	
	2.537		196			7.459		191		
	2.341		193			7.268		191		
	2.148		389			7.077		382		
4	7.026	2.342		1.546		21.804	7.268		1.530	
	2288		195			7.408		194		
	2.093		194			7.214		192		
	1.899		389			7.022		386		
5	6.280	2.093		1.935		21.644	7.215		1.916	
		13.361					37.895			

F.B. 2407 P.G. 191

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1145 TO 2235 Rod No. 11812

Name L. A. CO. PRIMARY LEVEL NET
Job No. 0.3.01.02
From B.M. 38-11 To B.M. 38-12
Date 2-19-57
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
	2.853	13.361	197	1.935		7.959	37.895	191	1.916	
	2.653		195			7.768		191		
	2.458		392			7.577		382	298	
6	7.961	2.654		2.327		23.304	7.768		2.308	
	2.857		195			7.286		194		
	2.662		192			7.092		193		
	2.470		387			6.899		387	8	
7	7.989	2.663		2.714		21.277	7.092		2.685	
	2.737		197			7.048		193		
	2.540		193			6.855		190		
	2.347		390			6.665		383	6	
8	7.624	2.541		3.104		20.568	6.856		3.018	
	3.138		195			7.053		191		
	2.943		191			6.862		190		
	2.752		386			6.672		381	4	
9	8.833	2.944		3.490		20.587	6.862		3.459	
	2.808		195			6.869		194		
	2.613		194			6.676		193		
	2.419		389			6.483		387	3	
10	7.840	2.613		3.879		20.028	6.676		3.816	
			26.776					73.149		

F.B. 2407 P.G. 192

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1145 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-11 To B.M. 38-12
Date 2-19-57
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
	2.422	26.776	191	3.879		6.451	73.149	196	3.846	
	2.231		189			6.255		195		
	2.042		380			6.060		391		
11	6.695	2.232		4.259		18.766	6.255		4.287	
	3.912		135			5.298		151		
	3.777		133			5.147		149		B.M. 38-12
	3.644		268			4.998		300		HACIENDA BLVD. S
12	11.333	3.778		4.527		15.443	5.148		4.527	SEE F.B. 1359-18 FOR D
									4.527	
									9.054	
									0.58 mi	
										SUMMATION OF RUN
										B.M. 38-11 TO B.M. 38-12
										TOTAL BACKSIGHTS +32.786
										TOTAL FORESIGHTS -84.552
										DIFF IN ELEVATION -51.766
										F.B. 2407 P.G. 193
	32.786					84.552				

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-12 To B.M. 38-11
Date 2-19-57 A. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.456		144		#11	4.081		138		BM. 38-12
	5.312		144			3.943		136		HACIENDA BLVD. & THREE PALMS AVE
	5.168		288			3.807		274		SEE F.B. 1359-18 FOR DESC.
1	15.936	5.312		.288		11.831	3.944		.274	
	6.921		190			2.899		192		
	6.731		192			2.707		192		T J. MOODY
	6.539		382			2.515		384		
2	20.191	6.730		.670		8.121	2.707		.658	
	6.950		195			2.886		191		
	6.755		193			2.695		191		
	6.562		388			2.504		382		
3	20.267	6.756		1.058		8.085	2.695		1.040	
	6.999		188			3.091		197		
	6.811		190			2.893		194		
	6.621		378			2.699		391		
4	20.431	6.810		1.436		8.683	2.894		1.431	
	7.037		191			2.731		196		
	6.846		191			2.535		196		
	6.655		382			2.339		392		
5	20.538	6.846		1.818		7.605	2.535		1.823	
		32.454					14.775			

F.B. 2407 P.G. 194

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NET
Job No A-301.02
From B.M. 38-12 To B.M. 38-11
Date 2-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.291	32.454	196	1.818		2.853	14.775	192	1.823	
	7.095		197			2.661		189		
	6.898		393			2.472		381		
6	21.284	7.095		2.211		7.986	2.662		2.204	
	8.017		190			2.911		198		
	7.827		190			2.713		195		
7	7.637		380			2.518		393		
	23.481	7.827		2.591		8.142	2.714		2.597	
	7.450		196			2.322		190		
	7.254		193			2.132		193		
	7.061		389			1.939		383		
8	21.765	7.255		2.980		6.393	2.131		2.980	
	7.499		187			2.587		199		
	7.312		188			2.388		196		
	7.124		375			2.192		395		
9	21.935	7.312		3.355		7.167	2.389		3.375	
	7.796		197			2.592		192		
	7.599		193			2.400		189		
	7.406		390			2.211		381		
10	22.801	7.606		3.745		7.203	2.401		3.756	
	69.543					27.072				

F.B. 2407 P.G. 19.5

76P526 S & E #379 1-54

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Chief of Party G. [illegible] Weather OVERCAST Inst. No 50010
Notes by G.E.DREIER Time 2135 TO [illegible] Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 38-12 To B.M. 38-11
Date 2-19-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.928	69.543	195	3745		2.923	27.372	190	3.756	
	7.743		192			2.733		188		
	7.551		387			2.545		378		
11	23.232	7.744		4.132		8.201	2.734		4.134	
	8.072		194			3.794		195		
	7.878		193			3.599		193		B.M. 38-11
	7.685		387			3.406		388		HACIENDA BLVD & PUENTE RD.
12	23.635	7.878		4.519		10.799	3.600		4.522	SEE F.B. 1359-17 FOR DESC.
										SUMMATION OF RUN
										B.M. 38-12 TO B.M. 38-11
										TOTAL BACKSIGHTS +85.165
										TOTAL FORESIGHTS -33.406
										DIFF IN ELEVATION +51.759
	85.165					33.406				

F.B. 2407 P.G. 196

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 9:30 TO 10:00 Rod No. 11 & 12

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-12 To B.M. 38-13
Date 2-20-57
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
	4.355		173		#11	6.588		185		B.M. 38-12
	4.182		171			6,403		183		HACIENDA BLVD. & THREE PALM ST.
	4.011		344			6.220		368		SEE F.B. 1359-18 FOR DESC.
1	12.548	4.183		.344	59°	19.211	6.404		.368	
	3,712		193			6 517		191		
	3,519		190			6.326		190		
	3.329		383			6, 136		381		
2	10,560	3.520		.727		18.979	6.326		.749	
	4,208		193			7 187		190		
	4,,015		194			6.997		187		
	3, 821		387			6.810		377		
3	12,044	4.015		1.114		20,994	6.998		1.126	
	4.619		191			6.524		191		
	41,428		191			6.333		190		
	4, 237		382			6, 143		381		
4	13.284	4.428		1.496		19,000	6.333		1.507	
	4.219		191			6 268		191		
	4,028		190			6,077		190		
	3.838		381			5.887		381		
5	12,085	4.028		1.877		18,232	6.077		1.888	
		20.174					32.138			

F.B. 2407 P.G. 197

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 38-12 To B.M. 38-13
Date 2-20-57
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
	4151	20.174	194	1.877		6577	21.138	190	1.888	
	3.957		193			6.387		189		
	3.764		387			6198		379		
6	11.872	3.957		2.264		19.162	6.387		2.267	
	4.494		190			6.599		191		
	4,304		190			6,408		191		
	4114		380			6.217		382		
7	12,912	4.304		2,644		19.224	6.408		2,649	
	41541		190			6,518		191		
	4.351		192			6,327		191		
	4159		382			6.136		382		
8	13,051	4.350		3,026		18,981	6.327		3,031	
	5.034		066			6.302		085		
	4,968		066			6.217		083		B.M. 38-13
	4.902		132			6,134		168		HACIENDA BLVD. & P.I. AT GALE AVE.
9	14.904	4.968		3,158		18,653	6.218		3,199	SEE F.B. 1359-19 FOR DESC.
F.B. 2407 P.G. 19									3,158	
									6,357	SUMMATION OF RUN
									=0.401	B.M. 38-12 TO B.M. 38-13
										TOTAL BACKSIGHTS +37.753
										TOTAL FORESIGHTS -57.478
	37.753					57.478				DIFF IN ELEVATION -19.725

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. [illegible] Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 1:50 TO 2:20 Rod No. 11 & 12

Name L. A. Co. [illegible] INC.
Job No. 0301.02
From B.M. 38-13 To B.M. 38-12
Date 2-20-57
Indexed M. 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
	6.004		076		#11	4.755		075		BM 38-13
	5.928		076			4.680		074		HACIENDA BLVD. & GALE AVE.
	5.852		152			4.606		149		SEE F.B. 1359-19 FOR DESC.
1	17.784	5.928		152		14.041	4.680		.149	
	6.508		192			4.531		194		J. MOODY
	6.316		193			4.337		190		
	6.123		385			4.147		384		
2	18.947	6.316		.537		13.015	4.338		.533	
	6.592		194			4.487		190		
	6.398		191			4.297		190		
	6.207		385			4.107		380		
3	19.197	6.399		.922		12.891	4.297		.913	
	6.493		190			4.068		194		
	6.303		191			3.874		191		
	6.112		381			3.683		385		
4	18.908	6.303		1.303		11.625	3.875		1.298	
	6.289		192			4.242		190		
	6.097		191			4.052		191		
	5.906		383			3.861		381		
5	18.292	6.097		1.686		12.155	4.052		1.679	
		31.043					21.242			

F.B. 2447 P.G. 199

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 THIN OVER ... Inst. No. 50010
Notes by G. E. DREIER Time 1:50 TO 3:50 Rod No 11812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 38-13 To B.M. 38-12
Date 2-20-57
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
	6.410	31.043	192	1.686		4.507	2.342	195	1.679	
	6.218		190			4.312		193		
	6.028		382			4.119		388		
6	18.656	6.219		2.068		12.938	4.313		2067	
	7.100		189			4.125		194		
	6.911		190			3.931		193		
	6.721		379			3738		387		
7	20.732	6.911		2447		11.794	3.931		2454	
	6.277		194			3.473		191		
	6.083		190			3.282		190		
	5.893		384			3.092		381		
8	18.253	6.084		2831		9.847	3.282		2835	
	6.526		185			4.297		174		
	6.341		183			4.123		172		
	6.158		368			3.951		346		
9	19.025	6.342		3.199		12.371	4.124		3.188	B.M. 38-12
									3.199	HACIENDA BLVD. & THREE PALMS ST.
									6.387	SEE F.B. 1359-18 FOR DESC.
									0.41m.	SUMMATION OF RUN
										B.M. 38-13 TO B.M. 38-12
										TOTAL BACKSIGHTS + 56.599
										TOTAL FORESIGHTS - 36.892
										DIFF. IN ELEVATION = 19.707
		56.599					36.892			

F.B. 2407 P.G. 200

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO 3:15 Rod No. 11 & 12

Name L. A. CO. THIRD ORDER LEVEL NET
Job No. 0301.02
From B.M. 38-12 To B.M. 38-13
Date 2-20-57
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
	3992		175		#11	6.228		182		B.M. 38-12
	3.817		173			6.036		182		HACIENDA BLVD. & THREE PALMS ST
	3.644		348			5.854		364		SEE F.B. 1359-18 FOR DESC.
1	11.453	3.818		348	64°	18.108	6.036		.364	
	3792		194			6591		192		T J. MOODY
	3.598		191			6.399		191		
	3.407		385			6.208		383		
2	10.797	3.599		.733		19.198	6.399		.747	
	4.161		194			7.136		190		
	3.967		194			6.946		188		
	3.773		388			6.758		378		
3	11.901	3.967		1.121		20.840	6.947		1.125	
	4543		191			6447		191		
	4.352		193			6.256		191		
	4.159		384			6.065		382		
4	13.054	4.351		1.505		18.768	6.256		1.507	
	4159		191			6,204		191		
	3.968		192			6.013		188		
	3.776		383			5.825		379		
5	11.903	3.968		1.888		18.042	6.014		1.886	
	19.703					31.652				

F.B. 2467 P.G. 201

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN ... Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO 3:15 Rod No. 11 & 12

Name L. A. CO. ... LEVEL NET
Job No. B.30102
From B.M. 38-12 To B.M. 38-13
Date 2-26-57
Indexed A. O. Johnson

F.B. 2407 P.G. 202

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.119	19.703	192	1.888		6.546	31.652	190	1886	
	3.927		191			6.356		190		
	3.736		383			6.166		380		
6	11.782	3.927		2,271		19.068	6.356		2,266	
	4.473		191			6.578		191		
	4.282		190			6.387		193		
	4.092		381			6.194		384		
7	12.847	4.282		2,652		19.159	6.386		2,650	
	4.488		193			6.463		190		
	4.295		192			6.273		191		
	4.103		385			6.082		381		
8	12.886	4.295		3,037		18.818	6.273		3,031	
	4813	4.738	076			6.061		075		
	4.737		073			5.986		075		
	4.664		149			5.911		150		
9	14.214	4.738		3,186		17.958	5.986		3,181	
										B.M. 38-13
										HACIENDA BLVD. & GALE AVE.
										SEE F.B. 1359-18 FOR DESC.
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +36.945
										TOTAL FORESIGHTS -56.653
										DIFF IN ELEVATION -19.708
		36.945					56.653			

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by J. MOODY Time 10:00 TO 16:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 38-13 To B.M. 38-14
Date 2-20-57
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
	5252		195		#11	6587		190		BM 38-13
	5057		196			6397		189		Hacienda Bl. & Gale Ave
	4861		391			6208		379		See B. 1359-19 for desc.
1	15170	5.057		.391	60°	19192	6.397		.379	
	4598		193			6210		193		* G.E. Dreier
	4405		192			6017		191		
	4213		385			5826		384		
2	13216	4.405		.776		18053	6.018		.763	
	4400		189			5968		193		
	4211		192			5775		192		
	4019		381			5583		385		
3	12630	4.210		1.157		17326	5.775		1.148	
	4490		192			5950		191		
	4298		189			5759		190		
	4109		381			5569		381		
4	12897	4.299		1.538		17278	5.759		1.529	
	4583		187			5951		193		
	4396		189			5758		193		
	4207		376			5565		386		
5	13186	4.395		1.914		17274	5.758		1.915	
	22366					29707				

F.B. 2407 P.G. 203

76P526 S & E #379 I-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. [illegible] Weather cloudy Inst. No 50410
Notes by J. Moody Time 10:00 to 10:25 Rod No. 11 & 12

Name [illegible]
Job No 0301.02
From B.M. 38-13 To B.M. 38-14
Date 2-20-57
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
	6563	22.366	118	1914		5672	[illegible]	116	1915	
	6445		118			5556		117		
	6327		236			5439		233		
L	19335	6445		2150		16667	5556		2148	+28.811 −35.263 −6.452
		28.811					35.263			
										HACIENDA BLVD. & U.P. RR., N.E. COR. B.M. NAIL IN LEAD PAINTED "B.M. 100-82" AT N.W. COR. BRIDGE +3.137 −6.397 −3.260
	3343		206			6599		202		
	3137		206			6397		205		B.M. 38-14
	2931		412			6195		407		HACIENDA BLVD & WALNUT CR.
7	9411	3137		2562		19191	6397		2555	See F.B. 1359-20 for Desc.
										SUMMATION OF RUN
										DIFF IN ELEV. B.M. 38-13 TO "100-82" −6.452
										" " 100-82 TO B.M. 38-14 −3.260
										" " B.M. 38-13 TO B.M. 38-14 −9.712

F.B. 2407 P.G. 204

76P526 S & E #379 1-54

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Chief of Party G. E. Dreier Weather Part cloudy Inst. No. 5010
Notes by J. Moody Time 11:45 to 12:30 Rod No. 11 & 12

Name L. A. CO. FLOOD CONTROL DIST.
Job No 0301.02
From BM 38-14 To BM 38-13
Date 2-20-57
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
	6389		200		#11	3137		209		BM 38-14 +6.189 -2.929 +3.260
	6189		199			2928		206		Hacienda Bl. Walnut Cr.
	5990		399			2722		415		See F.B. 1359-20 FOR DESC.
1	18568	6189		.399	60°	8787	2929		.415	
										HACIENDA BLVD & U.P.R.R., N.E. COR. BM. NAIL IN LEAD IN N.W. COR OF BRIDGE ABUTMENT PAINTED "B.M. 100-82"
	5635		117			6526		119		T.G.E. Dreier
	5518		117			6407		117		
	5401		234			6290		236		
2	16554	5518		.633		19223	6408		.651	
	5999		191			4639		191		
	5808		191			4448		190		
	5617		382			4258		381		
3	17424	5808		1015		13345	4448		1032	
	5923 11326		190			4472 10856		193		
	5733		186			4279		192		
	5547		376			4087		385		
4	17203	5734		1391		12838	4279		1417	
	17060					15135				

F.B. 2407 P.G. 2-05

76P526 S & E #379 1-54

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Chief of Party G. E. [illegible] Weather Partly cloudy Inst. No. 50010
Notes by J. Moody Time 11:45 to 12:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 301.02
From Bm. 38-14 To 38-13
Date 2-20-57
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
	6031	17.060	191	1391		4466	15.135	192	1417	
	5840		189			4274		189		
	5651		380			4085		381		
5	17522	5.844		1.771		12825	4.278		1798	
	6183		192			4573		190		+ 35.409
	5991		193			4383		188		− 28.973
	5798		385			4195		378		+ 6.436
6	17972	5.991		2.156		13151	4.384		2176	
	6712		195			5370		192		BM 38-13
	6517		195			5178		189		Hacienda Bl. & Gale Ave
	6322		390			4989		391		See f. B. 1359-19 for Desc.
7	19551	6.517		2546		15537	5.179		2567	
		35.409					28.973			
										SUMMATION OF RUN
										DIFF IN ELEV BM 38-14 TO BM 38-13 +3.260
										TBM TO BM 38-13 + 6.436
										BM 38-14 To BM 38-13 + 9.696

F.B. 2407 P.G. 206

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by J. MOODY Time 3:20 TO 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 38-13 To B.M. 38-14
Date 2-20-57
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
	5,417		203			6,747		194		B.M. 38-13
	5,214		203			6,553		191		HACIENDA BLVD. & GALE AVE
	5,011		406			6,362		385		SEE F.B. 1359-19 FOR DESC.
1	15642	5.214		406		19662	6.554		385	
	9434		185			6052		193		T G.E. DREIER
	4249		185			5857		197		
	4064		370			5666		392		
2	12747	4.249		776		17575	5.858		777	
	3576		192			5547		195		
	3784		191			5352		193		
	3593		383			5159		388		
3	11353	3.784		1159		16058	5.353		1165	
	3977		195			5433		193		
	3782		192			5240		193		
	3590		387			5047		386		
4	11349	3.783		1546		15720	5.240		1551	
	4203		191			5571		195		
	4012		191			5376		195		
	3821		382			5181		390		
5	12036	4.012		1928		16128	5.376		1941	
	21.042					28.379				

F.B. 2467 P.G. 267

76P526 S & E #379 1-54

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Chief of Party G. E. DREWER Weather HAZY SUN Inst. No. 50010
Notes by J. MOODY Time 3:20 TO 3:45 Rod No. 11 & 12

Name L. A. CO. FLOOD CONTROL LEVEL NET
Job No. 0301.02
From B.M. 38-13 To B.M. 38-14
Date 2-20-57
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
	6489	21.042	119	1928		5596	.379	117	1941	
	6370		118			5479		116		
	6252		237			5363		233		
6	12111	6.370	2165			16438	5.779	2174		
	3055		203			6317		205		
	2852		204			6112		204		B.M. 38-14
	2648		407			5908		409		HACIENDA BLVD. & WALNUT CR.
7	8555	2.852	2572			16337	5.445	2583		SEE F.B. 1359-20 FOR DESC.
		30,264					39.970			
										SUMMATION OF RUN B.M. 38-13 TO B.M. 38-14
										TOTAL BACKSIGHTS +302.64
										TOTAL FORESIGHTS -39.970
										DIFF IN ELEVATION -7.706

F.B. 2407 P.G. 208

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 38-14 To B.M. 38-13
Date 2-21-57
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
	6226		204			2970		207		B.M. 38-14
	6022		203			2763		206		HACIENDA BLVD & WALNUT CR.
	5819		204			2557		413		SEE F.B. 1359-20 FOR DESC.
1	18067	6.022		407		8290	2.763		413	
	5501		115			6891		119		
	5392		118			6772		117		T J. MOODY
	5274		234			6162		236		
2	16174	5.391		641		16825	6.280		549	
	5982		193			5618		190		
	5789		191			4427		195		
	5596		384			4238		385		
3	17367	5.790		1025		13284	4.428		1029	
	6055		192			4597		192		
	5863		187			4405		196		
	5674		379			4215		392		
4	17892	5.964		1406		13217	4.406		1411	
	6022		194			4584		191		
	5828		196			4263		189		
	5638		384			4074		380		
5	17488	5.829		1790		12921	4.307		1791	
	28896					22141				

F.B. 2407 P.G. 209

76P526 S & E #378 1-54

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Chief of Party G. E. [illegible] Weather HAZY - SUNNY Inst. No. 56010
Notes by T. OHASHI Time 8:10 To 2:40 Rod No. 11½'12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 38-14 To BM. 38-13
Date 2-21-57
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
	6263	28.896	192	1790		4652	4.141	193	1991	
	6071		193			4459		184		
	5878		385			4275		382		
6	18212	6.071		2175		13386	6.688		2173	
	6478		191			5186		199		
	6287		190			4987		197		B.M. 38-13
	6097		381			4790		376		HACIENDA BLVD. & GALE AVE.
7	18862	6.287		2556		14373	7.188		2569	SEE F.B. 1359-19 FOR DESC.
										SUMMATION OF RUN
										BM. 38-14 TO BM 38-13
										BACK SIGHT + 41.254
										FORE SIGHT - 31.549
										DIFF ELEV. + 9.705

F.B. 2407 P.G. 210

41.254 31.549

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 10:25 TO 11:00 Rod No. 11 & 12

Name L. A. CO. [illegible] LEVEL NET
Job No. 0301.02
From B.M. 38-14 To B.M. 11-114
Date 2-20-57
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
	6.219		191		#11	6.987		191		B.M. 38-14
	6.028		191			6.796		192		HACIENDA BLVD. & WALNUT CR,
	5.837		382			6.604		383		SEE F.B. 1359-20 FOR DESC.
1	18.084	6.028		.382	64°	20.387	6.796		.383	
	4.776		195			6.593		196		↑ J. MOODY
	4.581		192			6.397		194		
	4.389		387			6.203		390		
2	13.746	4.582		.769		19.193	6.398		.773	
	5.817		194			5.578		198		
	5.623		190			5.380		195		
	5.433		384			5.185		393		
3	16.873	5.624		1.153		16.143	5.381		1.166	
	5.316		194			5.407		196		
	5.122		194			5.211		196		
	4.928		388			5.015		392		
4	15.366	5.122		1.541		15.633	5.211		1.558	
	5.464		194			5.818		196		
	5.270		193			5.622		195		
	5.077		387			5.427		391		
5	15.811	5.270		1.928		16.867	5.622		1.949	
	26.626					29.408				

F.B. 2407 P.G. 211

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 10:25 TO [illegible] Rod No 11812

Name L. A. CO. FLOOD CONTROL
Job No. 0301.02
From B.M. 38-14 To B.M. 11-114
Date 2-20-57 K. C. Johnson
Indexed

F.B. 2407 P.G. 212

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.348	26.626	180	1.928		4.967	24.708	170	1.949	+31.794 -34.205 -2.411
	5.168		179			4.797		169		HACIENDA BLVD, S. OF VALLEY BLVD.
	4.989		359			4.628		339		L. & T. IN CENTER OF "B.M."
6	15.505	5.168		2.284		14.392	4.797		2.288	CULVERT HEADWALL PAINTED
	3.875	31.794	197			5.261	[illegible]	183		
	3.678		194			5.078		181		
	3.484		391			4.897		364		
7	11.037	3.679		2.678		15.236	[illegible]		2.652	
	5.346		199			3.875		202		
	5.147		196			3.673		199		
	4.951		395			3.474		401		
8	15.444	5.148		3.073		11.022	3.674		3.053	
	5.698		191			5.167		190		
	5.507		190			4.977		187		
	5.317		381			4.790		377		
9	16.522	5.507		3.454		14.934	4.978		3.430	
	5.625		189			5.108		196		
	5.436		185			4.912		194		
	5.251		374			4.718		390		
10	16.312	5.437		3.828		14.738	4.913		3.820	
		19.771					18.644			

76P526 S & E #379 1-54

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Chief of Party G. E. Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:25 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0 301.02
From B.M. 38-14 To B.M. 11-114
Date 2-20-57 A. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.042	19.771		3828		7.036	18.644	190	3.820	+27.617
	7.846		195			6.846		190		−25.490
	7.651		391			6.656		380		+2.127
11	23539	7.846		4.219		20538	6.846		4.200	B.M. 11-114 VALLEY BLVD. & HACIENDA BLVD. SEE F.B. 1376-101 FOR DESC.
		27.617					25.490			
										SUMMATION OF RUN
										DIFF IN ELEV. B.M. 38-14 TO L.S.T. S. OF VALLEY −2.411
										" " " L.S.T. TO B.M. 11-114 +2.127
										" " " B.M. 38-14 TO B.M. 11-114 −0.284

F.B. 2407 P.G. 2/3

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G.E.DREIER Time 11:00 TO 11:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 11-114 To B.M. 38-14
Date 2-20-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.042		191		#11	8.046		197		B.M. 11-114
	6.851		190			7.849		196		VALLEY BLVD. (OLD) & HACIENDA BLVD.
	6.661		381			7.653		393		SEE F.B. 1376-101 FOR DESC.
1	20.554	6.851		.381	65°	23.548	7.849		.393	
	5.077		190			5.598		189		T. J. MOODY
	4.887		189			5.409		190		
	4.698		379			5.219		379		
2	14.662	4.887		.760		16.226	5.409		.772	
	5.151		190			5.686		192		
	4.961		187			5.494		192		
	4.774		377			5.302		384		
3	14.886	4.962		1.137		16.482	5.494		1.156	
	3.918		200			5.390		198		+ 25.644
	3.718		200			5.192		199		- 27.772
	3.518		400			4.993		397		- 2.128
4	11.154	3.715		1.537		15.575	5.192		1.553	
	5.409		183			4.023		195		HACIENDA BLVD. S. OF (NEW) VALLEY BLVD.
	5.226		183			3.828		196		L.F.T. IN CENTER OF W. CULVERT
	5.043		366			3.632		391		HEADWALL PAINTED B.M.
5	15.678	5.226		1.903		11.483	3.828		1.944	
		25.644					27.772			

F.B. 2407 P.G. 214

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 11:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-114 To B.M. 38-14
Date 2-20-57 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.979		170	1.903		5.344		166	1.944	
	4.809		169			5.178		165		
	4.640		339			5.013		331		
6	14.428	4.809		2,242		15.535	5.178		2,275	
	5.882		190			5.533		190		
	5.692		191			5.343		190		
	5.501		381			5.153		380		
7	17.075	5.692		2.623		16.029	5.343		2.655	
	5.527		191			5.437		190		
	5.336		190			5.247		190		
	5.146		381			5.057		380		
8	16.009	5.336		3.004		15.741	5.247		3.035	
	4.849		194			5.087		189		
	4.655		192			4.898		186		
	4.463		386			4.712		375		
9	13.967	4.656		3.390		14.697	4.899		3.410	
	5.898		195			4.074		190		
	5.703		191			3.884		186		
	5.512		386			3.698		376		
10	17.113	5.704		3.776		11.656	3.885		3.786	
	26.197					24.552				

F.B. 2407 P.G. 215

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUNNY Inst. No. 500.10
Notes by G. E. DREIER Time 11:00 TO 11:45 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.02
From B.M. 11-114 To B.M. 38-14
Date 2-20-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.168	26.197	194	3.776		6.397	24.552	190	3.786	+ 33.172
	6.974		192			6.207		190		- 30.759
	6.782		386			6.017		380		+ 2.413
11	20.924	6.975		4.162		18.621	6.207		4.166	B.M. 38-14
		33.172					30.759		4.162	HACIENDA BLVD. & WALNUT CR
									8.328	SEE F.B. 1359-20 FOR DESC
									0.54 ft	

F.B. 2407 P.G. 216

Notes Ck'd by	Survey of L.A. Co. Precise Level Net F. B. 2407 Pg. 247
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 22 May 1964
Date	Indexed J. GALLI JUN 4

JN 0301.02

L.A. COUNTY PRECISE LEVEL NET

DESCRIPTION and LOCATION of New B.M.'S

BM 8-30B

BM 8-30C

F.E. Brook
K.M. Katt
G.E. Cobb
N. Smith

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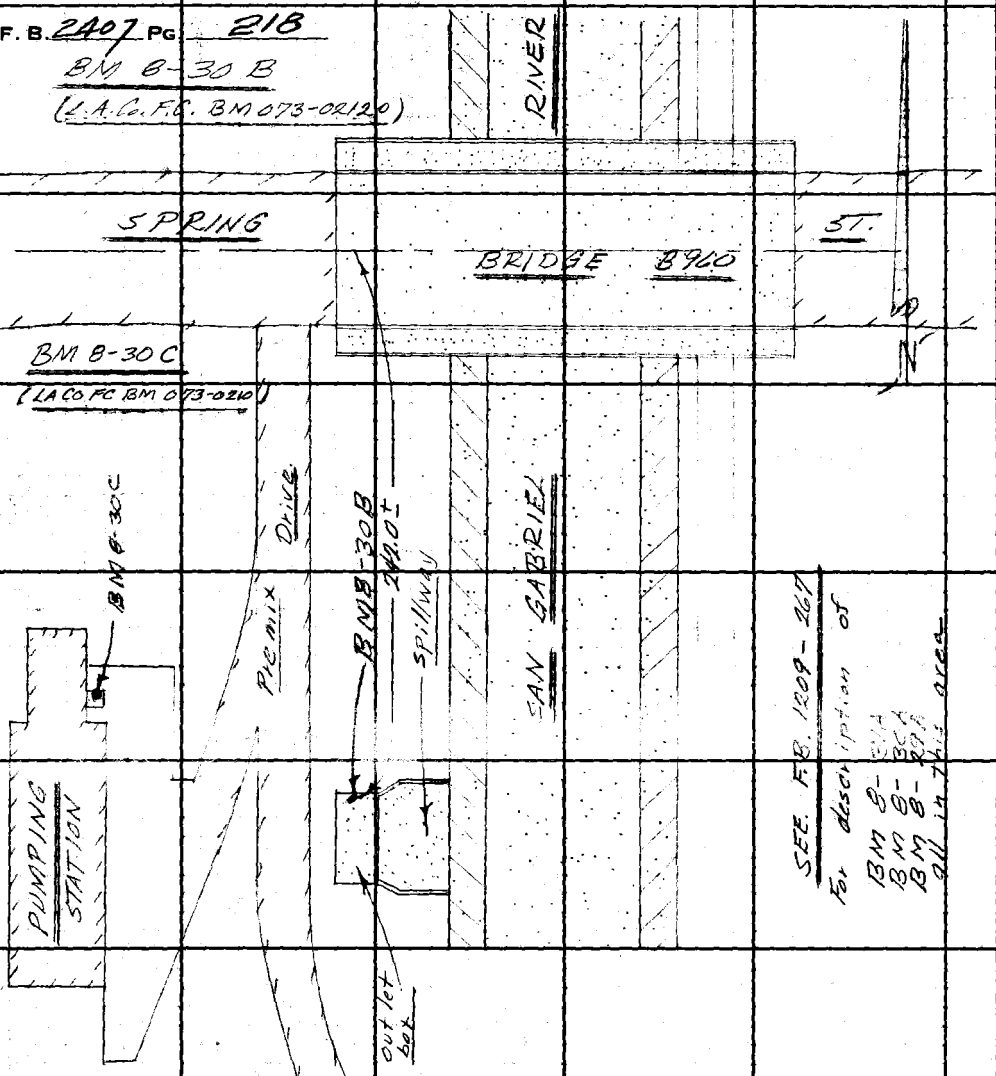
403 Los Angeles County Engineering Bldg.

76F3093 CE #310 6-62

F. B. 2407 PG. 218

BM B-30 B
(L.A.Co.F.C. BM 073-02120)



1963

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403 Los Angeles County Engineering Bldg.
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BM B-30B (L.A.Co.F.C. BM 073-02120)

This mark is on the W. side of the SAN GABRIEL RIVER 242.0± ft. S. of ℄ of SPRING ST. The mark is a L.A.Co.F.C. 3½" Brass Disc cemented into the N edge of the Top of the outlet box from a pumping station. The mark is stamped BM 073-02120 1963.

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 7303.04 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date 22 May 1964
Date	Indexed C. J. GALLI

F. B. 2407 PG. 219

(R.E.D. 7-15-68)

BM B-30 C (L.A.Co. F.C. BM 073-~~0210~~ 0211O)

This mark is on W side of SAN GABRIEL RIVER S. side of SPRING ST. The mark is a L.A. Co F.C. 3½" Brass Disc cemented into the conc pad at the front entrance to office of PUMPING STATION. The mark is stamped BM 073-0210 1963

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403 Los Angeles County Engineering Bldg.

76F3093 C.E. 8310 9-62

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F. B. 2407 PG. " 210

76P526B CE # 306 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 8-29 A TO BM 8-30 A
BM 8-29A	181	562	482	5	201 161	40	234	346	535	5	253 215	38	BM 8-29A Spring St. & San Gabriel River see F.B 1209-261
BM 8-30A													BM 8-30 A Spring St. & San Gbriel River see F.B. 1209-261 T = 69° Summation of Run From B.M. 8-29A To B.M. 8-30 A Total Backsights = + 181.562 Total Foresights = − 234.346 Diff. Elev. = − 52.784 Backsight stadia = 40 Foresight Stadia = 38 Total Stadia = 78

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY E. E. Brooks WEATHER Hazy INST. NO. 96916

NOTES BY E. E. Brooks DATE 22 May 1964 TIME 1:00 ROD NO. 9-19

INDEXED DATE NOTES CHKD C. J. Gaill DATE 6/5/64

F.B. 2407 Pg. 221

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 8-30A TO BM 8-29A
BM 8-30A													BM 8-30A Spring St. & San Gabriel River see F.B 1209-261
	236	328	537	5	255 217	38	183	571	484	5	203 163	40	
BM 8-29A													BM 8-29A Spring St. & San Gabriel River see F.B. 1209-261

Summation of Run
From B.M. 8-30A
To B.M. 8-29A

Total Backsights = + 236.328
Total Foresights = − 183.571
Diff. Elev. = + 52.757

Backsight stadia = 38
Foresight Stadia = 40
Total Stadia = 78

F.B. 2407 PG. 222 JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY FEB NOTES FEB
INDEXED C. J. GALLI DATE
WEATHER Hazy INST. NO. 96716
TIME 1:05 ROD NO. 9-19
NOTES CHKD. [illegible] DATE 6/5/64

76P526B CE # 308 8-59

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 8-30A TO BM 8-31A
BM 8-30A													BM 8-30A Spring St. & San Gabriel River See F.B. 1209-267
1	119	348	420	5	134 104	30	239	300	540	5	253 225	28	
2	101	264	402	5	108 94	14 44	247	712	548	5	255 239	16 44	
BM 8-31A													BM 8-31A Spring St. & San Gabriel River See F.B. 1209-267
	220	612 ✓					487	012 ✓					

Summation of Run
From B.M. 8-30A
To B.M. 8-31A

Total Backsights = + 220.612 ✓
Total Foresights = − 487.012 ✓
Diff. Elev. = − 266.400 ✓

Backsight stadia = 44 ✓
Foresight Stadia = 44 ✓
Total Stadia = 88 ✓

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY F.E. Brooks WEATHER Hazy INST. NO. 96916

NOTES BY F.E.B. DATE 22 May 1964 TIME 1:25 - 1:30 ROD NO. 9-19

INDEXED DATE NOTES CHKD. C. J. GALLI DATE 6-5-64

F.B. 2407 Pg. 223

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 8-31A TO BM 8-30A
BM 8-31A													BM 8-31A
1	244	668	545	5	252 236	16	98	201	399	5	104 91	13	Spring St & San Gabriel River see F.B. 1209-267
2	241	532	542	5	257 227	30 46	121	538	422	5	135 109	28 41	
BM 8-30A													BM 8-30A Spring St. & San Gabriel River see F.B. 1209-267
	486	200 ✓					219	739 ✓					

Summation of Run
From B.M. 8-31A
To B.M. 8-30A

Total Backsights = + 486.200 ✓
Total Foresights = − 219.739 ✓
Diff. Elev. = +266.461 ✓

Backsight stadia = 46 ✓
Foresight Stadia = 41 ✓
Total Stadia = 88 ✓

F.B. 2407 Pg. 224 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY FEB NOTES FEB
INDEXED E. J. GAU DATE

WEATHER Hazy INST. NO. 96716
TIME 1:35 - 1:40 ROD NO. 9-19
NOTES CHKD. [signature] DATE 6/5/64

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY F.E. Brooks WEATHER Hazy INST. NO. 96716

NOTES BY F.E.B. DATE 22 May 1964 TIME 8:10 ROD NO. 9-19

INDEXED DATE NOTES CHKD ~~C. J. GAIN~~ DATE 6-5-64

F.B. 2407 Pg. 225

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 8-30A TO BM 8-30B
BM 8-30A													BM 8-30A Spring St & San Gabriel River See F.B. 1209-267
	103	286	404	5	120 86	34	250	961	551	5	267 233	34	
BM 8-30B													BM 8-30B Spring St. & San Gabriel River See F.B. 2407-218
													Total backsights +103.286 " foresights -250.961 diff. -147.675
													Backsight Stadia 34 Foresight " 34 Total " 68

F.B. 2407 PG. 226 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY FEB NOTES FEB

INDEXED C. J. GAIN DATE

WEATHER Hazy INST. NO. 96716

TIME 2:15 ROD NO. 8-19

NOTES CHKD [illegible] DATE 6/5/64

[illegible] LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 8-30B TO BM 8-30A
BM 8-30B													BM 8-30B Spring St. & San Gabrie River see F.B. 2407-218
	252	850	553	5	269 235	34	105	155	406	5	122 88	34	
BM 8-30A													BM 8-30A Spring St. & San Gabriel River See F.B. 1209-267
													Total backsights + 252.850 " foresights - 105.155 diff. + 147.695
													Backsight Stadia 34 Foresight " 34 Total " 68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
FOR [illegible]

NOTE: ANY ADDITIONS OR CHANGES [illegible] SHEET MUST BE MADE OR [illegible] DATE AND [illegible] CHANGE

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BM 8-30C													BM 8-30C Spring St & San Gabriel River See F.B. 2407-219
1	170	881	471	5	174 166	8	76	957	377	5	81 71	10	
2	257	348	558	5	265 249	16 24	95	993	396	5	103 87	16 26	
3	233	091	534	5	250 216	34 58	242	125	543	5	259 225	34 60	
BM 8-30B													BM 8-30 B Spring St. & San Gabriel River See F.B. 2407-218
	661	320					415	075					

Summation of Run
From B.M. 8-30 C
To B.M. 8-30 B

Total Backsights = + 661.320
Total Foresights = − 415.075
Diff. Elev. = ~~[illegible]~~
+ 246.245
Backsight Stadia = 58
Foresight Stadia = 60
Total Stadia = 118

F.B. 2407 Pg. 228
JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY F.E.B. NOTES F.E.B.
INDEXED C. J. GALLI DATE
WEATHER Hazy INST. [illegible]
TIME 2:35 - 2:45 ROD [illegible]
NOTES CHKD [illegible] DATE [illegible]

76PS26B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY F.E. Brooks WEATHER Hazy INST. NO. 8276

NOTES BY F.E.B. DATE 22 May 1964 TIME 1:20 - 2:30 ROD NO. 9-19

INDEXED DATE NOTES CHKD C.T. Gatti DATE 6-5-64

F.B. 2407 Pg. 227

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM B-30B TO BM B-30C
BM B-30B													BM B-30B
													Spring St & San Gabriel River
1	240	786	641	5	259 223	36	227	910	628	5	244 210	34	See F.B. 2407-218
2	99	729	400	5	108 90	18 52	265	179	566	5	273 257	16 50	
3	77	280	278	5	82 72	10 62	170	963	491	5	174 166	8 58	
BM B-30C													BM B-30C
													Spring St. & San Gabriel River
													See F.B. 2407-219
	417	795					664	052					

Summation of Run
From B.M. B-30B
To B.M. B-30C

Total Backsights = + 417.795
Total Foresights = − 664.052
Diff. Elev. = −246.257

Backsight stadia = 62
Foresight Stadia = 58
Total Stadia = 120