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

F. B. 2416 PG.

BOOK INDEX F.B. 2416 -

	PAGES
LINE NO. 103, DIFF IN ELEV. 1958	5 TO 106
LINE NO. 104, DESCRIPTIONS	121 TO 144
" " " DIFF. IN ELEV. 1958	151 TO 254

Microfilmed Nov. '85.

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403 LOS ANGELES COUNTY ENGINEER

7673095 CD-310 8-69

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 DEC 1957 & JAN 1958
Indexed C. Johnson FEB 28 58

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	
										LINE NO. 103
										L.A. CO PRECISE LEVEL NET
										JOB NO. 0301.02
										CONTINUED FROM F.B. 2415
										DREIER
										MOODY
										OHASHI
										CERICOLA
										ALWIN
										F.B. 2416 P.G. 5

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Chief of Party G. E. DREIER Weather Clear Inst. No NC 142552
Notes by T. OHASHI Time 8:30 to 9:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-13 To BM 102-11
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4114 3503 2892 10509	3.503	611 611 1222	1.222	#15	6338 5732 5127 12197	5.732	606 605 1211	1.211	BM 102-13 60th St. W. & AVE I SEE F.B. 2412-19 FOR DESC.
2	5319 4693 1068 14080	4.693	626 625 1251	2.473		5843 5209 4576 15628	5.209	634 633 1267	2.478	℄ G.E. DREIER
3	5269 4840 4211 14520	4.840	629 629 1258	3.731		6241 5622 5003 16866	5.622	619 619 1238	3.716	
4	5319 4709 4073 14130	4.710	609 626 1275	5.006		4996 4370 3744 13110	4.370	626 626 1252	4.968	F.B. 2416 P.G. 7
5	6013 5385 4758 16156	5.385	628 627 1255	6.261		6809 6167 5524 18500	6.167	642 643 1285	6.253	
		23.131					27.100			

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Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr.142552
Notes by T. OHASHI Time 8:30 To 9:00 Rod No 15 #16

Name L. A. CO. PRECISE LEVEL NE
Job No 0301.02
From BM.102-13 To BM.102-11
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5515	23.131	622	6261		6240	27.100	652	6253	
	4693		621			5588		651		
	4272		1243			4931		1303		
6	14.680	4.893		7534		16.765	5.588		9.506	
	5482		632			6041		641		
	4850		632			5406		643		
	4218		1264			4763		1284		
7	14.550	4.850		8762		16.210	5.405		11.240	
	5529		636			5868		641		
	4893		639			5227		642		
	4254		1275			4585		1283		
8	14.676	4.892		16.043		15.680	5.227		10.123	
	5443		646			6032		629		
	4803		640			5505		626		
	4163		1250			4952		1255		
9	14.409	4.803		11.323		17.422	5.807		11.373	
	6176		687			6557		609		
	5512		652			5948		610		
	4863		1339			5338		1219		
10	16.551	5.519		12.536		17.843	5.948		12.592	
		48.088					55.375			

F.B. 216 P.G. 8

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Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr. 142552
Notes by T. OHASHI Time 8:30 To 9:00 Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 102 - 13 To B.M. 102 - 11
Date 1-17-57
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
	6260	48.088	413	12.632		6108	55.075	411	12.592	BM 102-11 (BM-8)
	5847		415			5737		409		Ave "L" & 55TH St. W
	5432		828			5328		820		SEE F.B. 2412-18 FOR DESC.
11.	17.539	5.846		13.464		17.213	5.738		13.412	
										SUMMATION OF RUN
										B.M. 102-11 TO BM 102-13
										TOTAL BACKSIGHT + 53.934
										TOTAL FORESIGHT - 60.813
										DIFF. IN ELEV. - 6.879
										F.B. 2416 P.G. 9
		53.934					60.813			

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-102552
Notes by T. OHASHI Time 12:10 TO 12:35 Rod No. 15 & 16

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-11 To BM 102-13
Date 1-22-58
Indexed C. Johnson

F.B. 2416 P.G. 12

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5936		418		#15	6029		404		BM 102-11 (BM-8)
	5518		418			5625		404		AVE. "I" & 55TH ST W.
	5100		836			5221		808		SEE F.B. 2412-18 FOR DESC.
1	16.554	5.518		8.36	52°	16.875	5.625		808	
	6817		626			6391		629		⊼ G.E. DREIER.
	6191		624			5762		630		
	5567		1250			5132		1259		
2	18.575	6.192		2.086		17.285	5.762		2067	
	6645		634			5622		616		
	6011		633			5006		617		
	5378		1267			4389		1233		
3	18.034	6.011		3.353		15.017	5.006		3300	
	5913		623			5602		645		
	5290		623			4957		646		
	4667		1246			4311		1291		
4	15.870	5.290		4.899		14.870	4.957		4591	
	6378		640			5808		626		
	5738		640			5182		623		
	5098		1280			4557		1249		
5	17.214	5.738		5.879		15.547	5.183		5740	
		28.749					26.533			

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 12:10 TO 12:35 Rod No. 15E16

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From BM. 102-11 To BM. 102-13
Date 1-22-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6468	28.749	641	5.879		5751	26.533	620	5.840	
	5827		644			5131		620		
	5183		1285			4511		1240		
6.	17478	5.826		7164		15393	5.131		7080	
	6816		643			6016		626		
	6173		642			5390		627		
	5531		1285			4763		1253		
7	18520	6.173		8449		16169	5.390		8333	
	5115		614			5487		645		
	4501		614			4842		644		
	3887		1228			4198		1289		
8	13503	4.501		9677		14527	4.842		9622	
	6305		610			5553		646		
	5695		609			4913		640		
	5086		1219			4273		1286		
9	17086	5.695		10896		14739	4.913		10902	
	5894		640			5357		617		
	5254		641			4740		615		
	4613		1281			4125		1232		
10.	15761	5.254		12177		14222	4.741		12134	
		56.198					51.550			

F.B. 2416 P.G. 11

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK142552
Notes by T. OHASHI Time 12:10 TO 12:35 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-11 To BM 102-13
Date 1-22-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6422	56.198	611	12.177		4187	51.550	602	12.138	BM 102-13
	5811		610			3585		602		AVE "I" & 60TH ST. W.
	5201		1221			2983		1204		SEE F.B. 2412-19 FOR DESC.
11.	17.434	5.811		13.398		10.755	3.585		13.338	
									13.398	
									26.736	
									0.51 mi	
										SUMMATION OF RUN
										BM 102-11 TO BM 102-13
										TOTAL BACKSIGHT + 62.009
										TOTAL FORESIGHT — 55.135
										DIFF. IN ELEV. + 6.874
		62009					55135			

F.B. 2416 P.G. 12

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 9:00 To 9:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-11 To BM 102-10
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5719 5087 4453 15259	5.086	632 634 1266	1.266	4/15	6073 5832 5192 17098	5.833	641 640 1281	1281	BM 102-11 (BM-8) AVE "I" & 55TH ST. W. SEE F.B. 2412-18 FOR DESC.
2	5238 4616 3991 13845	4.615	622 625 1247	2.513		6387 5761 5094 17222	5741	645 647 1293	2574	
3	8682 5032 4382 18096	6.032	650 650 1300	3.813		6982 6302 5662 18946	6.315	680 640 1280	3854	
4	5644 4991 4339 14974	4.991	653 652 1305	5.118		6953 6318 5652 18923	6.318	635 636 1271	5125	
5	6357 5717 5077 17151	5.717	640 640 1280	6.398		6879 6238 5597 18714	6.238	641 641 1282	6407	
		25441					30.432			

F.B. 2416 P.G. 13

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. N. 12552
Notes by T. OHASHI Time 9:00 TO 9:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 162-11 To B.M. 102-10
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6752	25.441	640	6398		7512	30.432	637	6807	
	6112		638			6875		637		
	5474		1278			6231		1274		
6	18338	6.113		7676		20625	6.875		7681	
	6765		646			6450		647		
	6119		646			5503		646		
	5473		1292			5197		1283		
7	18357	6.119		8968		17210	5.803		8964	
	6902		645			6968		643		
	5757		646			5925		643		
	5111		1291			5282		1286		
8	17270	5.757		10254		17175	5.925		10250	
	5250		638			6266		644		
	4612		637			5622		644		
	3975		1275			4978		1288		
9	13837	4.612		11539		16866	5.622		11538	
	5883		635			6415		645		
	5248		638			5770		645		
	4610		1273			5125		1290		
10	15741	5.247		12807		17310	5.770		12828	
		53.289					60.427			

F.B. 2214 P.G. 14

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142 552
Notes by T. OHASHI Time 9:00 TO 5:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-11 To B.M. 102-10
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5296	5.328	484	12.807		6640	6.427	554	12.828	B.M. 102-10
	4812		484			5481		554		AVE "I" & 50TH ST. W
	4328		968			4922		1118		SEE F.B. 2412-16 - FOR DESC.
11	14.936	4.812		13.775		16.443	5.481		13.946	
										SUMMATION OF RUN
										B.M. 102-11 TO B.M. 102-10
										TOTAL BACKSIGHTS + 58.101
										TOTAL FORESIGHTS - 65.908
										DIFF IN ELEV. - 7.807
										F.B. 2414 P.G. 15
		58.101					65.908			

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NC-142552
Notes by J. MOODY Time 10:40 to 11:05 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 102-10 To BM 102-11
Date 1-22-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7093		608		#15	6442		529		BM 102-10 (B.M.-7)
	6585		507			5913		527		AVE "I" & 50th St. W.
	6078		1015			5386		1056		SEE F.B. 2912-16 FOR DESC.
1	19756	6585		1015	40°	17741	5914		1056	
	6347		646			5803		625		
	5701		647			5178		626		
	5054		1293	2		4552		1251	2	T DREIER
2	17102	5701		X.308		15533	5178		X.307	
	6928		629			5022		630		
	5799		627			4788		633		
	5172		1256	3		4156		1267	3	
3	17399	5800		X.564		14365	4788		X.574	
	6223		634			6048		629		
	5589		637			5419		628		
	4952		1271	4		4791		1257	4	
4	16764	5588		X.835		16258	5419		X.831	
	6451		643			6760		641		
	5808		646			6119		640		
	5162		1289	6		5479		1281	6	
5	17421	5807		X.124		18358	6119		X.112	
		29481					27418			

F.B. 2914 P.G. 16

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NC 182552
Notes by J. Moody Time 10:40 to 11:05 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 102-10 To BM 102-11
Date 1-22-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7512	29.481	637	5.124		6743	27.418	631	~~5.108~~ 6.112	
	6875		637			6112		632		
	6238		1274	7		5480		1263	7	
6	20.625	6.875		6.398		18.335	6.112		6.375	
	6477		640			5938		625		
	5837		640			5313		624		
	5197		1280	8		4689		1249	8 4	
7	17.511	5.837		7.678		15.940	5.313		7.624	
	6739		636			5004		626		
	6103		634			4778		627		
	5469		1270	9		4151		1253	9 7	
8	18.311	6.104		8.948		14.933	4.778		8.873	
	6862		636			5582		629		
	6226		637			4953		626		
	5589		1273	1,		4327		1255	11.132	
9	18.677	6.226		10.221		14.862	4.954		~~11.128~~ 11.128	
	6568		622			5048		629		
	5946		623			4819		627		
	5323		1245	2,		4192		1256	12. 8	
10	17.937	5.946		11.866		14.459	4.820		11.458	
		60.469					53.395			

F.B. 7414 P.G. 17

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Chief of Party G. E. DRETER Weather CLEAR Inst. No NK 102552
Notes by J. MOODY Time 10:40 to 11:05 Rod No 15 E/6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-10 To BM 102-11
Date 1-22-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6291	60.469'	619	1X466 (2)		5573	53.395'	616	1X384 (2)	BM 102-11 (BM-8)
	5672		619			4927		648		AVE "I" & 55th St. W.
	5053		1238'			4279		1294'	13.682	SEE + B.24-12-18 for desc.
11	17.016'	5.672'		1X704 (3)		14779'	4.926'		12678	
									13.704	
									27.386	
									=0.52m	
										SUMMATION OF RUN
										BM 102-10 to BM 102-11
										TOTAL BACKSIGHTS + 66.141'
										TOTAL FORESIGHTS - 58.321'
										DIFF IN ELEV + 7.820'
		66.141'					58.321'			

F.B. 2416 P.G. 18

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NA 142552
Notes by T. OHASHI Time 9:30 To 10:00 Rod No. 15 5/16

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From BM 102-10 To BM 102-9
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1.	4430 3810 3187 11.427	3.809	620 623 1243	1243	4/15	5881 5263 4645 15.789	5.263	618 618 1236	1236	BM 102-10 BM-7 Ave "I" & 50TH St. W. SEE FB. 2412-16 FOR DESC.
2.	5566 4924 4284 14.775	4925	641 641 1282	2525		5766 5138 4510 15.414	5.138	628 628 1256	2492	T G.E. DREIER
3.	5463 4841 4218 14.522	4.841	622 623 1245	3770		6036 5411 4783 16.230	5.410	625 628 1253	3745	
4.	5270 4647 4020 13.937	4.646	623 627 1250	5020		5717 5084 4451 15.252	5.084	633 633 1266	5011	
5.	5532 4907 4281 14.720	4907	625 626 1251	6271		6089 5459 4832 16.380	5.460	630 627 1257	6.1268	
		23.128					26.355			

F.B. 2416 P.G. 17

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. NA 12552
Notes by T. OHASHI Time 9:30 TO 10:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 102-10 To BM. 102-9
Date 1-17-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7062	23,128	625	62 71		6199	26.355	629	62 58	
	6837		626			6169		629		
	6211		1251			5540		1258		
6.	20.510	6.837		7522		18507	6169		7526	
	5991		628			6710		627		
	5363		629			6083		624		
	4734		1257			5459		1251		
7	16.088	5363		8779		18252	6.084		8777	
	4706		627			5240		623		
	4673		625			4617		626		
	3448		1252			3991		1249		
8	12.227	4.074		10,631		13,848	4.616		10,026	
	5499		621			6559		626		
	4878		620			5933		625		
	4258		1241			5308		1251		
9.	14.635	4878		11272		17.800	5.933		11277	
	6067		628			6019		626		
	5439		628			5393		625		
	4811		1256			4768		1251		
10.	16.317	5.439		12528		16180	5.393		12528	
		49.719					54.550			

F.B. 2216 P.G. 20

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 930 TO 10:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-10 To BM 102-9
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5862	49.719	528	12.528		6332	54.550	521	12.528	B.M. 102-9
	5337		525			5811		521		AVE. "I" & 45TH ST W.
	1812		10.50	5		5287		1045		SEE F.B. 2412-15 FOR DESC.
11.	16.011	5.337		13.178		17.430	5.810		13.573	
										+55.056 F.B. 2416 P.G. 21
										-60.360
										- 5.301
		55.056					60.360			

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. Nr 142.552
Notes by T. OHASHI Time 10:10 To 10:40 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-9 To BM 102-10
Date 1-22-58
Indexed G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6214		518		#15	5749		527		BM 102-9
	5696		519			5222		528		AVE "I" & 45TH ST. W.
	5177		1037			4694		1055		SEE F.B. 2412-15 FOR DESC.
1	17.087	5.696		1037	46°	15.665	5.222		1055	
	6014		626			6059		627		
	5388		627			5432		625		↑ G.E. DREIER
	4761		1253			4507		1252		
2	16.163	5.388		2290		16.298	5.433		2307	
	6543		623			5481		621		
	5920		625			4867		624		
	5295		1248			4243		1245		
3	17.758	5.919		3538		14.598	4.866		3552	
	5168		625			4627		625		
	4543		624			4002		625		
	3919		1249			3377		1250		
4	13.630	4.543		4787		12.006	4.002		4802	
	6610		625			5890		628		
	5985		625			5262		628		
	5360		1250			4634		1256		
5	17.955	5.985		6037		15.786	5.262		6058	
		27.531					24.785			

F.B. 2416 P.G. 22

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 NF142552
Notes by T. OHASHI Time 10:10 TO 10:40 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-9 To BM 102-10
Date 1-22-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6810	27.531	624	6037		7482	24.785	628	6058	
	6185		624			6854		628		
	5561		1249			6226		1256		
6	18556	6.185		7286		20562	6.854		7314	
	5934		624			5379		627		
	5310		628			4752		625		
	4682		1252			0127		1252		
7	15926	5.309		8538		14258	4.753		8566	
	5677		625			5239		628		
	5052		627			4611		628		
	4425		1252			3983		1256		
8.	15154	5.051		9790		13833	4.611		9822	
	6058		626			5484		623		
	5432		622			4866		624		
	4810		1248			4242		1247		
9.	16300	5.433		11038		14597	4.866		11069	
	5783		613			5608		650		
	5170		617			4958		651		
	4553		1230			4307		1301		
10.	15506	5.169		12268		14873	4.958		12370	
		54.678					50.827			

F.B. 2016 P.G. 23

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 10:10 To 10:40 Rod No. 15 E 16

Name L. A. CO. PRECISE LEVEL NE.
Job No. 030.02
From BM 102 - 9 To BM 102 - 10
Date 1-22-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6082	50678	643	12268		4485	50.821	602	12370	BM 102-10
	5439		647			3983		601		AVE "I" E 50TH ST W.
	4792		1290			3382		1203		SEE F.B. 2412-16 FOR DESC.
11	16313	5.438		13558		11.950	3.983		13.573	
										SUMMATION OF RUN
										BM 102-9 TO BM 102-10
										TOTAL BACKSIGHT + 60.116
										TOTAL FORESIGHT - 54.810
										DIFF IN ELEV + 5.306
		60.116					54.810			

F.B. 2416 P.G. 24

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NH142552
Notes by J. MOODY Time 10:00 To 10:35 Rod No. 15 & 16

Name C.A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 102-9 To B.M. 102-8
Date 1-17-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5394		622		#15	6119		631		BM 102-9
	4772		623			5488		631		AVE. "I" & 45TH ST. W.
	4149		1245			4857		1262		SEE F.B. 2012-15 FOR DESC.
1	14315	4.772		1245	60°	16964	5.488		1.262	
	5825		618			6644		634		T DREIER
	5207		619			6010		636		
	4588		1237			5374		1270		
2	15620	5.207		2482		18028	6.009		2532	
	5613		620			6724		644		
	4993		619			6080		642		
	4374		1239			5438		1286		
3	14980	4.993		3721		18242	6.081		3818	
	5438		633			5857		630		
	4805		634			5227		630		
	4171		1267			4597		1260		
4	14414	4.805		4988		15681	5.227		5078	F.B. 2012 P.G. 25
	5963		626			6519		634		
	5337		627			5885		634		
	4710		1253			5251		1268		
5	16010	5.337		6241		17655	5.885		6346	
		25.114					28.690			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DRETER Weather CLEAR Inst. No. NK 142552
Notes by J. MOODY Time 10:00 to 10:35 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-9 To BM 102-8
Date 1-17-58
Indexed C. Johnson

F.B. 7416 P.G. 76

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5786	25.114	638	6241		5860	28.690	631	6396	
	5148		636			5229		632		
	9512		1274			4597		1263		
6	15446	5.149		7515		16826	5.229		7609	
	5791		638			6399		622		
	5153		637			5777		624		
	4516		1275			5153		1246		
7	15460	5.153		8790		17329	5.776		8855	
	6697		635			6807		629		
	6062		634			6178		627		
	5428		1269			5551		1256		
8	18187	6.062		10059		18536	6.179		10111	
	5986		635			6370		628		
	5351		633			5742		627		
	9718		1268			5115		1255		
9	16055	5.352		11327		17227	5.742		11366	
	8529		621			7219		622		
	7908		621			6597		624		
	7287		1242			5973		1246		
10	23724	7.908		12569		19789	6.596		12612	
		54738					58.212			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NF 19252
Notes by J. MOODY Time 10:00 to 10:35 Rod No 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-9 To BM 102-8
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6248	54.738	309	12569		4348	52.212	281	12612	BM 102-8 (U.S. , LINT DKALI, 1929
	5939		309			4067		281		AVE I, OPPOSITE HOUSE 4011
	5630		618			3786		562		SEE F.B. 2912-15 FOR DES-.
11	17817	5939		13187		12201	4067		13174	
										SUMMATION OF RUN
										BM 102-9 to BM 102-8
										TOTAL BACKSIGHTS +60.677
										TOTAL FORESIGHTS −62.279
										DIFFERENCE −1.602
										F.B. 2916 P.G. 27
		60.677					62.279			

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. Nr 192552
Notes by J. MOODY Time 9:40 to 10:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 102-8 To BM 102-9
Date 1-22-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4283		280		#15	6184		311		BM 102-8 (U.S. , LINT AKALI, 1929
	4003		281			5873		310		AVE "I" OPPOSITE HO #4011
	3722		561			5563		621		SEE F.B. 2912-15 for DESC.
1	12.008	4.003		561	40°	17.620	5.873		621	
	6975		621			8289		622		
	6354		620			7667		620		π DREIER
	5734		1241			7047		1242		
2	19.063	6.354		1.802		23.003	7.668		1.863	
	6097		626			5707		627		
	5471		625			5080		627		
	4846		1251			4453		1254		
3	16.414	5.471		3.053		15.240	5.080		3.117	
	6557		625			6448		630		
	5932		624			5818		629		
	5308		1249			5189		1259		
4	17.797	5.932		4.302		17.455	5.818		4.376	
	7240		626			6619		628		
	6614		624			5991		628		
	5990		1250			5363		1256		
5	19.844	6.615		5.552		17.973	5.991		5.632	
		28.375					30.430			

F.B. 2416 P.G. 28

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK-14253R
Notes by J. MOORY Time 9:40 to 10:10 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-8 To BM 102-9
Date 1-22-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5920	28.375	631	5552		5838	30.430	629	5632	
	5289		630			5209		628		
	4659		1261			4581		1257		
6	15.868	5.289		6.813		15.628	5.209		6.889	
	6265		630			5913		627		
	5853		630			5286		629		
	5203		1260			4657		1256		
7	17.497	5.833		8.023		15.856	5.285		8.145	
	5767		633			5342		630		
	5134		632			4712		630		
	4502		1265			4082		1260		
8	15403	5.134		9.338		14.136	4.712		9.405	
	6395		644			5282		615		
	5751		643			4667		619		
	5108		1287			4048		1234		
9	17.254	5.751		10.625		13.997	4.666		10.639	
	6593		631			5782		623		
	5962		630			5159		621		
	5332		1261			4538		1244		
10	17.887	5.962		11.886		15479	5.160		11883	
		56.344					55462			

F.B. 2416 P.G. 29

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by J. Moody Time 9.90 to 10.10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-8 To BM 102-9
Date 1-22-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5501	56.344'	633	11.886'		4793	55.462'	634	11.885'	BM 102-9
	4868		635			4159		636		AVE "J" & 95th ST. W.
	4233		1268'			3623		1270'		SEE F.B. 2412 P. 15 FOR DESC
11	14602'	4867'		13154'		12975'	4158'		13153'	
										SUMMATION OF RUN
										BM 102-8 to BM 102-9
										TOTAL BACKSIGHTS + 61.211'
										TOTAL FORESIGHTS - 59.620'
										DIFF IN ELEV + 1.591'
		61.211'					59.620'			

F.B. 2414 P.G. 30

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NR 142552
Notes by J. MOODY Time 10:35 to 12:15 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM102-8 To BM102-7
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4313		392		#15	6817		386		BM102-8 (U.S. , LINT ALKALI 1929
	3921		393			6431		387		AVE I, OPPOSITE HO. # 4011
	3528		785			6044		773		SEE F.B 2412-15 for
1	11762	3.921		785	60°	19292	6.431		773	
	6813		404			6641		459		
	6399		402			6182		460		T DREIER
	5991		806			5722		819		
2	19209	6.400		1591		18545	6.182		1592	
	4743		630			6288		611		
	4113		629			5677		610		
	3484		1259			5067		1221		
3	12340	4.113		2850		17032	5.677		2813	
	5080		636			6626		630		
	4444		635			5996		630		
	3809		1271			5366		1260		
4	13333	4.444		4.121		17988	5.996		4073	
	6203		634			6711		632		
	5569		632			6079		631		
	4937		1266			5448		1263		
5	16709	5.570		5.387		18238	6.079		5336	
		24.448					30.365			

F.B. 2416 P.G. 31

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 NK-192552
Notes by J. MOODY Time 10:35 to 12:15 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From BM 102-8 To BM 102-7
Date 1-17-58
Indexed C. Johnson

F.B. 2416 PG. 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
	6330	24.448	639	5387		6299	30.365	637	5356	
	4691		636			5662		635		
	4055		1275	62		5027		1272		
6	19.076	9.692		6658		16.988	5.663		6608	
	6.471		644			6.619		637		
	5828		632			5982		633		
	5186		1275	7		5349		1270	1	
7	17.485	5.828		7933		17.950	5.983		7878	
	5818		627			5499		629		
	5191		627			4870		629		
	4564		1254	91		4341		1258	1	
8	15.573	5.191		9187		14.710	4.870		9136	
	5369		626			6331		638		
	4743		625			5693		636		
	4118		1251	42		5057		1274	1	
9	10.230	4.743		10439		17.081	5.694		10410	
	5657		654			6399		648		
	4907		649			5751		649		
	4258		1299	41		5102		1297	1	
10	14.722	4.907		11737		17.252	5.751		11707	
		49.809					58.326			

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. NK 142552
Notes by J. MOORE Time 10:35 to 12:15 Rod No. 15 & 16

Name C.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-8 To BM 102-7
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6192	49.809	633	11.737		5721	58.326	648	11.707	
	5559		635			5079		646		
	4920		1268	9		4427		1294		
11	16672	55.58		13005		15221	50.74		13001	
	4986		627			6198		631		BM 102-7
	9359		626			5563		631		AVE "I", AT HO ST 33.55
	5733		1253	62		4932		1262		SEE F.B. 2912-14 FOR DESC.
12	13078	4.359		14268		16689	5.563		14273	
										SUMMATION OF RUN
										BM 102-8 to BM 102-7
										total backsights + 59.726
										total foresights - 68.963
										Diff in Elev. - 9.237
		59.726					68.963			

F.B. 2916 P.G. 33

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nn 142552
Notes by T. OHASHI Time 9:10 TO Rod No. 15 E 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-7 To BM 102-8
Date 1-22-58
Indexed C. Johnson

F.B. 2416 P.G. 34

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6048		631		#15	4837		624		BM 102-7
	5417		633			4213		624		AVE "I" AT HOUSE #3355
	4784		1264			3589		1248		SEE F.B. 2412-12 FOR DESC.
1	16.249	5.416		1.264		12.639	4.213		1.248	
	5769		648			6239		636		
	5121		644			5603		633		⊼ G.E. DREIER
	4477		1292			4970		1269		
2	15.367	5.122		2.556		16.812	5.604		2.517	
	6428		652			5579		649		
	5776		649			4934		645		
	5127		1301			4285		1294		
3	17.331	5.777		3.857		14.794	4.931		3.811	
	6115		628			5170		636		
	5487		628			4534		636		
	4859		1256			3898		1272		
4	16.461	5.487		5.113		13.662	4.534		5.683	
	5770		618			6110		638		
	5152		619			5472		637		
	4533		1237			4835		1275		
5	15.455	5.152		6.350		16.417	5.472		6.358	
		26.954					24.754			

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. N-142552
Notes by T. OHASHI Time 9:10 TO 9:40 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-7 To BM 102-8
Date 1-22-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6208	26.954	631	6350		6051	24.754	632	6358	
	5577		631			5419		633		
	4946		1262			4786		1265		
6.	16.731	5.577		7612		16.256	5.419		7623	
	6079		635			5107		631		
	5444		634			4476		630		
	4810		1269			3846		1261		
7.	16.333	5.444		8881		13.429	4.476		8884	
	6199		632			5680		623		
	5567		635			5057		624		
	4932		1267			4433		1247		
8.	16.698	5.566		10148		15.170	5.057		10131	
	6316		626			4774		633		
	5690		625			4141		634		
	5065		1251			3507		1267		
9.	17.071	5.690		11399		12.423	4.141		11398	
	6319		604			4779		628		
	5715		604			4151		630		
	5111		1208			3521		1258		
10.	17.145	5.715		12607		12.451	4.150		12656	
		54946					47.997			

F.B. 7416 P.G. 35

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. N-142552
Notes by T. OHASHI Time 9:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 102-7 To BM 102-8
Date 1-22-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6728	5.946	454	12.607		6.910	6.497	418	12.656	BM 102-8 (U.S. 1929 LINT ALKALI)
	6274		454			6.492		415		AVE "I" OPPOSITE HOUSE # 4011
	5820		908			6.077		833		SEE F.B. 2412-15 FOR DESC.
11	18.822	6.274		13.515		19.479	6.493		13.489	
	6848		381			9.360		402		
	6467		382			3.955		402		
	6085		763			3.556		804		
12	19.400	6.467		14.278		11.874	3.958		14.293	SUMMATION OF RUN
									14.278	BM 102-7 TO BM 102-8
									28.571	TOTAL BACKSIGHT + 67.687'
									0.54mi	TOTAL FORESIGHT − 58.448'
										DIFF IN ELEV. + 9.239'
		67.687					58.448			

F.B. 2416 P.G. 36

76P526 S & E #379 1-54

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 192532
Notes by J MOODY Time 12.15 to 12.95 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0201.02
From BM 102-7 To BM 102-6
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0470		624		#15	4902		632		BM 102-7
	3850		627			4270		632		AVE I, AT HO. # 3355
	#223		1251 ✓			3638		1264 ✓	✓	SEE F.B. 291Z-19 FOR DESC
1	11.547 ✓	3.849 ✓		1251 ✓	60°	12.810 ✓	4.270 ✓		1264	
	5972		625			6021		627		T DREIER
	5367		626			5794		626		
	4701		1251 ✓	✓		5168		1253 ✓	✓	
2	16.100 ✓	5.367 ✓		2.502 ✓		17.383 ✓	5.794 ✓		2.517	
	4292		623			5788		624		
	3667		627			5164		624		
	3042		1250 ✓	✓		4590		1248 ✓	✓	
3	11.003 ✓	3.668 ✓		3.752 ✓		15.492 ✓	5.164 ✓		3.765 ✓	
	6231		622			5058		623		
	5609		624			4835		623		
	4985		1246 ✓	✓		4212		1246 ✓	✓	
4	16.825 ✓	5.608 ✓		4.998 ✓		14.105 ✓	4.835 ✓		5.011 ✓	
	6305		626			5868		620		
	5679		623			5248		619		
	5056		1249 ✓	✓		4629		1239 ✓	✓	
5	17.040 ✓	5.680 ✓		6.247 ✓		15.745 ✓	5.248 ✓		6.250 ✓	
		24.172 ✓					25.311 ✓			

F.B. 2416 P.G. 37

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. NR 192552
Notes by J. MOODY Time 12:15 to 12:45 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-7 To BM 102-6
Date 1-17-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0808	24172	421	6247		5343	25311	424	6250	
	4387		422			4919		424		
	3965		843			4495		848		
6	13160	4.387		7.090		14.757	4919		7.098	
	5342		495			5758		481		
	4847		497			5277		484		
	4350		992			4793		965		
7	14.539	4.846		8.082		15.828	5.276		8.063	
	5939		612			5848		615		
	5327		613			5233		614		
	4714		1225			4619		1229		
8	15.980	5.327		9.307		15.700	5.233		9.292	
	5302		636			6480		615		
	4666		638			5865		615		
	4028		1274			5250		1230		
9	13.996	4.665		10.581		17.595	5.865		10.522	
	5302		608			4938		637		
	4694		608			4301		637		
	4086		1216			3664		1274		
10	14.082	4.694		11.797		12.903	4.301		11.796	
		48.091					50.905			

F.B. 2416 P.G. 38

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK-18257
Notes by J. MOODY Time 12:15 to 12:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. Q321.07
From BM 102-7 To BM 102-6
Date 1-17 58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5916	48.091	653	11.797		5971	50.905	666	11.796	
	4763		652			4805		666		BM 102-6 (U.S. , N-797, 1945)
	4111		1306			4139		1332		AVE "I" & 30th ST. W. PROJ.
11	14.290	4763		13102		14.941	4.805		13.128	SEE F.B. 2412-13 FOR DESC.
										SUMMATION OF RUN
										BM 102-7 to BM 102-6
										total BACKSIGHTS + 52.854
										total FORESIGHTS - 55.710
										DIFF IN ELEV. - 2.856
										F.B. 2414 P.G. 39
		52.854					55.710			

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 WIND Inst. No. WILD 2552
Notes by J. MOODY Time 8:35 to 9:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-6 To BM 102-7
Date 1-22-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5371		664		#15	5317		655		BM 102-6 (U.S. ,N-747, 1945
	4707		666			4662		653		AVE "I" & 30th St W. PROP.
	4041		1330			4009		1308		SEE F.B. 2412-13 FOR DESC.
1	14.119	4.706		1330	40°	13.982	4.663		1308	
	4330		651			4698		625		
	3679		652			4073		622		T DREIER
	3027		1303			3451		1247		
2	11.036	3.679		2633		12.222	4.074		2555	
	5471		623			4293		646		
	4848		625			3647		648		
	4223		1248			2999		1294		
3	14.542	4.847		3881		10.939	3.646		3849	
	4851		633			4924		613		
	4218		633			4311		612		
	3585		1266			3699		1225		
4	12.655	4.218		5147		12.934	4.311		5074	
	5318		494			4903		509		
	4824		493			4394		509		
	4331		987			3885		1018		
5	14.473	4.824		6134		13.182	4.394		6092	
	22.274					21.088				

F.B. 741 L.P.G. 40

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 WIND Inst. No NC 192552
Notes by J. MOODY Time 8:30 to 9:10 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.07
From BM 102 - 6 To BM 102 - 7
Date 1-22-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4826	22.274	439	6.134		4279	21.088	428	6.092	
	4387		439			3851		428		
	3998		878			3423		856		
6	13.161	4.387		7.012		11.553	3.851		6.948	
	5798		620			6233		622		
	5178		620			5611		622		
	4558		1240			4989		1244		
7	15.534	5.178		8.252		16.833	5.611		8.192	
	5499		621			6273		622		
	4878		622			5651		623		
	4256		1243			5028		1245		
8	14.633	4.878		9.495		16.952	5.651		9.437	
	5709		625			9210		623		
	5084		625			3587		624		
	4459		1250			2963		1247		
9	15.252	5.084		10.745		10.760	3.587		10.624	
	5822		610			5428		643		
	5212		609			4785		644		
	4603		1219			4141		1287		
10	15.637	5.212		11.964		14.354	4.785		11.971	
		47.013					44.573			

F.B. 2416 P.G. 41

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WIND Inst. No. NR 142552
Notes by J. MOODY Time 8:30 to 9:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-6 To BM 102-7
Date 1-22-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4861	47.013	633	11.964		4432	44.573	625	11.971	BM 102-7
	4228		633			3807		625		AVE "I" AT Ho# 3355
	3595		1266			3182		1250		SEE F.B. 2412-14 FOR DESC.
11	12,684	4.228		13.230		11.421	3.807		13.221	
										SUMMATION OF RUN
										BM 102-6 to BM 102-7
										TOTAL BACKSIGHTS +51,241
										TOTAL FORESIGHTS -48,380
										DIFF IN ELEV. +2.861
		51,241					48.380			

F.B. 2416 P.G. 42

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No NK 142562
Notes by J. MOODY Time 1245 to 1120 Rod No. 15 & 16

Name C. A. CO. PRECISE LEVEL
Job No. 0301.02
From BM 102-6 To BM 102-5
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5155		262		#15	2645		254		BM 102-6 (U.S. N-747, 1945)
	4893		261			2391		254		AVE "I" AT BRIDGE #53-406
	4632		523			2137		508		SEE F.B. 2912-13 FOR DESC.
1	14680	4893		523		7.173	2.391		508	
	-2.391									T.B.M. #6 (PER SEWER JOB)
	+2.502									AVE "I" & 30th St W. PROJ., P.K. SPK
										IN W. END OF N. HEADWALL
										OF BRIDGE 53-406
	3069		608			5993		623		
	2456		608			5370		623		T DREIER
	1898		1216			4747		1246		
2	7368	2456		1739		16110	5.370		1784	
	5452		320			5578		314		
	5132		319			5264		313		
	4813		639			4951		627		
3	16397	5.132		2378		15793	5.264		2381	
	5579		622			5527		614		
	4957		625			4913		614		
	4332		1247			4299		1228		
4	16868	4.956		3625		14739	4.913		3609	
		12.544					15.547			

F.B. 2416 P.G. 43

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. NO 142552
Notes by J. MOODY Time 12:45 to 1:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 102-6 To BM 102-5
Date 1-17-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6167	12.544	615	3625		6112	15.547	626	3609	
	5542		614			5486		626		
	4928		1229			4860		1252		
5	16.627	5.542		9854		16.458	5.486		4861	
	6127		626			5906		619		
	5501		623			5287		619		
	4878		1249			4668		1238		
6	16.506	5.502		6103		15.861	5.287		6.099	
	6160		621			6114		617		
	5539		620			5497		617		
	4917		1241			4880		1234		
7	16.618	5.539		7349		16.491	5.497		7333	
	6202		623			5958		636		
	5579		622			5322		632		
	4957		1245			4690		1268		
8	16.735	5.579		8589		16.970	5.323		8601	
	5927		607			5937		625		
	5320		604			5312		621		
	4716		1211			4691		1246		
9	16.963	5.321		9800		15.940	5.313		9847	
	40.027					42.453				

F.B. 2416 P.G. 44

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NF 192552
Notes by J. MOODY Time 12:45 to 1:20 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. Q301.02
From BM 102-6 To BM 102-5
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6069	40.027	610	9.800		5908	42.453	621	9.924	
	5995		619			5287		623		
	9826		1238			4666		1244		
10	16335	5.445		11.038		16861	5.287		11.091	
	6299		613			6583		625		+57.214
	5686		613			9958		627		-57.972
	5073		1226			0331		1252		- 0.758
11	17058	5.686		12.264		19872	4.957		12.343	
	6685		629			5871		597		
	6056		629			5274		595		BM 102-5
	5427		1258	13.522		4679		1192		AVE 1st & 25th St. W.
12	18162	6.056		2.722		16824	5.275		13595	SEE F.B. 2312-12 FOR DESC.
										SUMMATION OF RUN
										DIFF IN ELEV. BM 102-6 to T.B.M. #6 + 2.502
										" " " T.B.M. #6 to BM 102-5 - 0.758
										" " " BM 102-6 to BM 102-5 + 1.744
		57.214					57.972			

F.B. 2414 P.G. 45

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY - WINDY Inst. No Nr 142552
Notes by T. OHASHI Time 1:00 To 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From BM 102-5 To BM 102-6
Date 1-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5503		614		#15	6323		613		BM 102-5
	4929		613			5710		612		AVE J & 25TH ST. W.
	4316		1227			5098		1225		SEE F.B 2412-12 FOR DESC.
1	14.788	4.929		1227	50°	17.131	5.710		1225	
	4702		609			5654		635		
	4093		607			4619		636		K G.E. DREIER
	3486		1216			4183		1271		
2	12.281	4.094		2443		14.456	4.819		2496	
	5813		597			6015		602		
	5216		598			5373		691		
	4618		1195			4732		1283		
3	15.647	5.216		3638		16.120	5.373		3774	
	5927		618			5922		609		
	5309		618			5313		608		
	4691		1236			4705		1217		
4	15.927	5.309		4874		15.940	5.313		4996	
	5890		637			6128		616		
	5253		636			5512		614		
	4617		1273			4898		1230		
5	15.760	5.253		6147		16.538	5.513		6726	
	24801					26.728				

F.B. 2446 P.G. 46

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WIND Inst. No NC142552
Notes by T. OHASHI Time 1:00 to 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-5 To BM 102-6
Date 1-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6022	24.861	617	6.181		6063	26.728	616	6.226	
	5405		617			5447		618		
	4788		1234			4829		1234		
6	16.215	5.405		7381		16.339	5446		7460	
	5873		637			6053		601		
	5236		639			5652		599		
	4597		1276			4853		1200		
7	15.706	5.235		8657		16.358	5453		8660	
	6093		616			6154		621		
	5477		616			5533		620		
	4861		1232			4913		1241		
8	16.431	5.477		9889		16.606	5.533		9901	
	5562		609			5622		626		
	4953		609			4996		629		
	4344		1218			4368		1255		
9	19.859	9.953		11.107		19.986	9.993		11.155	
	5579		313			5451		321		
	5266		314			5130		321		
	4952		627			4809		642		
10	15.797	5.266		11.734		15.390	5.130		11.797	
		51.137					53.285			

F.B. 7416 P.G. 47

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY Inst. No NO 142552
Notes by T. OHASHI Time 1:00 to 1:30 Rod No. 15 & 16

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 102-5 To BM 102-6
Date 1-21-58
Indexed C. [illegible]

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5979	51.137	636	11.732		3010	53.285	578	11.797	T.B.M. #6
	5343		635			2032		576		AVE "I" & 30th St W. PROD. PK SPK
	4708		1271			1856		1154		IN W. END OF HEADWALL OF
11.	16.030	5.343		13005		7.298	2.433		12.951	BRIDGE 53-406
	1062	56.480	228			3578	55.718	241		
	0834		226			3337		241		BM 102-6 (U.S. , N-747, 1945
	0608		454			3096		482		AVE "I", AT BRIDGE #53-406
12.	2.504	0.835		13459		10.011	3.337		13.433	SEE C.E. 2912-13 FOR DESC
										+ 56.480
										- 55.718
										+ 0.762
										+ 0.835
										- 3.337
										- 2.502

F.B. 2916 P.G. 48

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No NK 192552
Notes by J. MOODY Time 1130 to 2110 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-5 To BM 102-3
Date 1-17-58 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
	5896		510		#16	5309		513		BM 102-5
	5386		510			4796		514		AVE "I" & 25th ST W.
	4876		1020			4282		1027		SEE F.B. 2912-12 FOR DESC.
1	16158	5386		1020	60	14387	4796		1027	
	6539		627			6201		614		T. DREIER
	5912		626			5627		614		
	5286		1253			5013		1228		
2	17737	5912		2273		16881	5627		2255	
	6281		629			6091		621		
	5657		625			5017		625		
	5032		1254			4792		1246		
3	16970	5657		3522		16250	5417		3504	
	6193		624			5593		623		
	5519		626			5220		622		
	4893		1250			4598		1245		
4	16555	5518		4772		15661	5220		4709	
	6277		617			6077		607		
	5660		614			5468		610		
	5006		1231			4858		1217		
5	16983	5661		6003		16403	5468		5968	
		28.134					26.528			

F.B. 2916 P.G. 49

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NV 192552
Notes by J. MOODY Time 1:30 to 2:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From BM 102-5 To BM 102-3
Date 1-17-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6157	28.134	618	6003		5593	26.528	625	5968	
	5539		617			4968		625		
	4922		1235			4343		1250		
6	16618	5.539		7.238		14904	4.968		7.218	
	6638		620			6053		621		
	6018		619			5432		621		
	5399		1239			4811		1242		
7	18055	6.018		8477		16296	5.432		8460	
	5524		622			5508		617		
	4902		621			4891		614		
	4281		1243			4277		1231		
8	14707	4.902		9720		14676	4.892		9.691	
	6558		619			5772		624		
	5939		618			5148		625		
	5321		1237			4523		1249		
9	17.818	5.939		10957		15443	5.148		10940	
	6137		625			6182		617		
	5512		623			5565		618		
	4889		1248			4947		1235		
10	16.538	5.513		12205		16694	5.565		12175	
		56.045					52.533			

F.B. 2416 P.G. 50

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. A.C. 19562
Notes by J. Moody Time 1:30 to 2:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-5 To BM 102-3
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6827	56.045	609	12.205		4565	52.533	620	12.175	BM 102-9 (U.S., RR-37-, 1931
	6218		607			3945		626		AVE I & 20th St. W.
	5611		1216			3325		1240		SEE L.B. 2412-11 for Desc.
11	18656	6.219		13921		11835	3.945		13915	
		62.264					56.478			
										+ 62.264
										- 56.478
										+ 5.786
	4858		183			5144		186		BM 102-3
	4675		182			4958		186		AVE I & 20th St. W.
	4493		365			4772		372		SEE L.B. 2412-11 for Desc.
12	14026	4.675		13786		14874	4.958		13787	
										+ 4.675
										- 4.958
										- 0.283

F.B. 2412 P.G. 57

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 182552
Notes by J. MOODY Time 9:20 to 12:30 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301-02
From BM 102-3 To BM 102-5
Date 1-21-58
Indexed C. Johnson

F.B. Z416 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
	5805		207		#15	5512		199		BM 102-3
	5598		207			5313		196		AVE "I" & 20th St. W.
	5391		414			5117		395		SEE F.B. Z412-11 for DESC.
1	16.794	5598		414	50°	16.942	5314		395	
		5598 / 5314 / 0.284								BM 102-4 (U.S. , R.R. 37, 1937
										AVE "I" & 20th St. W.
										SEE F.B. Z412-11 for DESC.
	4567		613			6845		618		T DREIER
	3954		611			6227		619		
	3343		1224			5608		1237		
2	11.864	3955		1638		18.680	6227		1632	
	6216		605			6196		638		
	5611		604			5558		638		
	5007		1209			4920		1276		
3	16.834	5611		2847		16.674	5558		2708	
	5773		615			6571		625		
	5158		618			5946		627		
	4540		1233			5319		1252		
4	15.471	5157		4080		17.836	5945		4160	
	14.723					17.730				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WIND Inst. No. NK 192552
Notes by J. MOODY Time 10:20 to 12:30 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-3 To BM 102-5
Date 1-21-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5530	14.723	629	4.080		5529	17.730	616	4.160	
	4901		625			4913		614		
	4276		1254			4299		1230		
5	14.707	4.902		5.334		14741	4.914		5.390	
	6010		632			6572		609		
	5378		632			5963		611		
	4746		1264			5352		1220		
6	16134	5.378		6.598		17887	5.962		6.610	
	5520		616			6102		625		
	4908		619			5477		626		
	4289		1235			4851		1251		
7	14721	4.907		7.833		16430	5.477		7.861	
	5591		613			5779		610		
	4978		613			5169		608		
	4365		1226			4561		1218		
8	14934	4.978		9.059		15509	5.170		9.079	
	5598		621			5901		626		
	4977		625			5275		627		
	4352		1246			4648		1253		
9	14927	4.976		10.305		15824	5.275		10.332	
		39.864					44.528			

OHASKI

F.B. 7416 P.G. 53

76P526 S & E #379 1-54

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Chief of Party C. E. DREIER Weather WIND Inst. No NK 19255
Notes by J. MOODY Time 10:20 to 12:30 Rod No 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-3 To BM 102-5
Date 1-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5856	39.864	625	10.305		6097	44.528	626	10.332	
	5231		624			5471		622		
	4607		1249			4809		1248		
10	15.694	5.231		11.554		16.417	5.472		11.580	
	5932		618			6223		621		+55.053
	5314		615			5602		621		-60.835
	4699		1233			4981		1242		- 5.782
11	16.945	5.315		12.787		16.806	5.602		12.822	
	5168		525			5738		506		BM 102-5
	4643		526			5232		503		AVE "J" & 25th St. W.
	9117		1051			9729		1009		SEE FB 2412-12 FOR DESC.
12	13.928	4.643		13.838		15.699	5.233		13.831	
		55.053					60.835			

F.B. 2416 P.G. 54

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK192552
Notes by J. MOODY Time 2:10 to 2:35 Rod No. 15 #16

Name C. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-3 To 3 M 102-3
Date 1-17-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5899		616		#15	6183		630		BM 102-3
	5283		615			5553		627		AVE "I" & 20th ST. W.
	4668		1231			4926		1257		SEE L.B. 2412 - FOR DES.
1	15850	5.283		1.231		16662	5.554		1.257	
	6197		623			5675		627		
	5574		622			5098		626		T DREIER
	4952		1295			4422		1253		
2	16723	5.574		2.476		15145	5.048		2.510	
	5641		623			6579		628		
	4918		621			5952		626		
	4297		1244			5326		1254		
3	14756	4.919		3.720		17857	5.952		3.764	
	6273		620			5668		626		
	5653		620			5042		627		
	5033		1240			4415		1253		
4	16959	5.653		4.960		15125	5.042		5.017	
	6309		620			4207		627		
	5689		620			3580		627		
	5069		1240			2953		1254		
5	17067	5.689		6.200		10740	3.580		6.271	
		27.118					25.176			

F.B. 2416 P.G. 55

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by J. MOODY Time 2:10 to 2:35 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-3 To BM 102-2
Date 1-12-58 C. JOHNSON
Indexed

F.B. 2414 P.G. 56

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.493	27.118	641	6200		5566	25.176	609	6271	
	4.802		640			4957		610		
	4.162		1281			4347		1219		
6	14.407	4.802		7481		14.870	9.957		7490	
	6322		624			6167		627		
	5698		621			5540		627		
	5077		1245			4913		1254		
7	17097	5.699		8726		16.620	5.540		8744	
	6096		624			6038		625		
	5472		622			5913		623		
	4850		1246			4290		1248		
8	16418	5.473		9972		16.241	5.414		9992	
	6989		626			5613		620		
	5863		624			4993		620		
	5239		1250			4373		1240		
9	17691	5.864		11222		14.979	4.993		11232	
	5689		503			5381		489		
	5086		505			4892		489		
	4581		1008			4003		978		
10	15256	5.085		12230		14.676	9.892		12210	
		54.641					50.972			

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. NK 142552
Notes by J. MOODY Time 2:10 to 2:35 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-3 To BM 102-2
Date 1-17-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5783	54.041	528	12230		4982	50.972	540	12210	B.M. 102-2
	5225		529			4438		542		AVE "I" & 15th St. W.
	0696		1057			3896		1086		SEE F.B. 2412-9 for DESC.
11	16674	5.225		13287		13316	4.439		13296	
										SUMMATION OF RUN
										B.M. 102-3 TO B.M. 102-2
										TOTAL BACKSIGHTS +59.266
										TOTAL FORESIGHTS -55.411
										DIFF IN ELEVATION +3.855
										F.B. 2416 P.G. 57
		59266					55411			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY & WINDY Inst. No. NA 142,552
Notes by T. OHASHI Time 9:45 To 10:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.02
From BM 102-2 To BM. 102-3
Date 1-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5005		536		#15	5789		527		B.M. 102-2
	4469		537			5252		535		AVE "I" & 15TH ST W
	3932		1073	✓		4717		1072	✓	SEE F.B. 2412-9 FOR DESC.
1.	13406	4.469		1073		15758	5.253		1072	
	5589		495			5789		500		↑ G.E. DREIER
	5094		494			5289		500		
	4600		989	✓		4789		1000	✓	
2.	15283	5.094		2062		15867	5.289		2072	
	5683		616			6563		629		
	5067		618			5934		629		
	4449		1234	✓		5305		1258	✓	
3.	15199	5.066		3296		17802	5934		3330	
	6164		622			6271		625		
	5542		623			5602		623		
	4919		1245	✓		4979		1248	✓	
4.	16625	5.542		4541		16808	5603		4578	
	6005		626			6160		624		
	5379		622			5536		628		
	4757		1248	✓		4913		1252	✓	
5.	16141	5.380		5789		16609	5536		5830	
		25.551					27.615			

F.B. 2416 PG. 58

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-Windy Inst. No. Nr 142552
Notes by T. OHASHI Time 9:45 TO 10:20 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 030.02
From BM 102-2 To BM 102-3
Date 1-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6011	25.551	623	5789		5859	27.615	623	5825	
	5388		621			5236		625		
	4767		1244			4611		1248	70	
6.	16166	5.389		7033		15706	5.235		6973	
	3992		604			6131		638		
	3388		607			5493		636		
	2781		1211			4857		1274	3	
7.	10161	3.387		8244		16481	5.494		8247	
	5272		625			5878		619		
	4647		626			5259		619		
	4021		1251			4640		1238	5	
8.	13940	4.647		9495		15777	5.259		9485	
	6996		604			5996		645		
	6386		604			5351		664		
	5782		1208			4707		1289	8	
9.	19164	6.386		10703		16054	5.351		10874	
	6143		646			6628		605		
	5497		646			6023		604		
	4851		1292			5419		1209	12,083	
10.	16491	5.497		11995		18070	6.023		14983	
		50.857					54.977			

F.B. 7416 P.G. 52

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY-WINDY Inst. No. Nr 142552
Notes by T. OHASHI Time 9:45 TO 10:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 102-2 To BM. 102-3
Date 1-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6597	50857	626	11.995		6325	54977	626	~~11.983~~ 12.083	BM. 102-3
	5971		624			5699		626		AVE. "I" & 20TH ST. W.
	5347		1250			5073		1252		SEE F.B. 2412-11 FOR DESC.
11	17.915	5.972		13.245		17.097	5.699		13.335	
									13.245	
									26.580	
									=0.50mi	
										SUMMATION OF RUN
										BM. 102-2 TO BM 102-3
										TOTAL BACKSIGHT + 56.829
										TOTAL FORESIGHT − 60.676
										DIFF IN ELEV. − 3.847
		56.829					60.676			

F.B. 2416 P.G. 60

76P526 S & E #379 1-54

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Chief of Party C. E. DREIER Weather CLEAR Inst. No. NC 142552
Notes by J. MOODY Time 8:20 to 9:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 102-2 To B.M. 102-1
Date 1-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6055 5566 5075 16.696	5.565	489 491 980	980	#15 34°	5772 5276 4778 15.826	5.275	496 498 994	994	B.M. 102-2 AVE I & 15th ST. W. SEE F.B. 2412-10 FOR DESC.
2	6165 5672 5181 17.018	5.673	493 491 984	1964		5923 5051 4959 16353	5.451	492 492 984	1988	C. DREIER
3	6592 5971 5350 17913	5.971	621 621 1242	3206		6269 5653 5040 16962	5.654	616 613 1229	3207	
4	6510 5893 5278 17.681	5.894	617 615 1232	4438		6269 5651 5030 16950	5.650	618 621 1239	4456	F.B. 2411 P.G. 64
5	6978 5874 5270 17.622	5.874	604 604 1208	5646		5632 5027 9422 16081	5.027	605 605 1210	5656	
		28.977					27.057			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NY142552
Notes by J. MOODY Time 8:20 to 9:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM102-2 To BM102-1
Date 1-20-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6632	28.977	609	5.646		6360	27.057	622	5.656	
	6023		606			5738		624		
	5417		1215			5114		1246		
6	18.072	6.024		6.861		17.212	5.737		6.902	
	6385		619			6079		606		
	5766		622			5473		607		
	5144		1241			4866		1213		
7	17.295	5.765		8.102		16.418	5.473		8.115	
	5792		514			6675		541		+46.043
	5278		516			6134		542		−44.401
	4762		1030			5592		1083		+1.642
8	15.832	5.277		9.132		18.401	6.134		9.198	
		46.043					44.401			BM102-1A (U.S. , Q-747, 1945 AVE "I" & KINGTREE AVE SEE F.B. 2412-9 FOR DESC.
	7418		631			5732		625		
	6787		634			5107		625		
	6153		1265			4482		1250		
9	20358	6.786		10.397		15321	5.107		10.458	

F.B. 2416 P.G. 62

76P526 S & E #379 1-54

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Chief of Party E. DREIER Weather CLEAR Inst. No NC-142552
Notes by J. MOODY Time 8:20 to 9:00 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-2 To BM 102-1
Date 1-20-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6251	6.786	620	10.397		5479	5.107	632	10.458	
	5631		622			4897		635		
	5009		1242			4212		1267		
10	16.891	5.630		11.639		14.588	9.846		11.785	
	6002		423			6152		385		
	5579		421			5767		386		
	5158		844			5381		771		
11	16.739	5.580		12483		17300	5.767		12496	
	6769		429			5882		419		+24.336
	6340		429			5463		422		-21.182
	5911		858			5041		841		+3.154
12	19.020	6.340		13341		16.386	5.462		13357	
		24.336					21.182		13.341	BM 102-1
									26.668	AVE "I" & 10TH ST. W.
									0.50 mi.	SEE F.B. 2912-9 FOR LEVELS

F.B. 7416 P.G. 63

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NC142552
Notes by J. MOODY Time 8:55 to 9:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.0R
From BM 102-1 To BM 102-2
Date 1-21-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5559		427		#16	6426		417		BM 102-1
	5132		427			6009		416		AVE "I" & 10th St W.
	4705		854			5593		833		SEE F.B. 2412-9 for DESC.
1	15.396	5.132		856	46°	18.028	6.009		833	
	5990		403			5803		406		
	5587		403			5397		406		
	5184		806			4991		812		T DREIER
2	16.761	5.587		1.660		16.191	5.397		1.645	
	5552		621			6336		625		
	4931		624			5711		625		
	4307		1245			5086		1250		+20.662
3	14.790	4.930		2.905		17.133	5.711		2.895	-23.808
	5630		617			7327		631		- 3.146
	5013		616			6692		634		
	4397		1233			6058		1265		
4	15.040	5.013		4.138		20.073	6.691		4.160	
		20.662					23.808		1.16M	BM 102-1.A (U.S. , Q-747, 1945
										AVE I & KINGTREE AVE
										SEE F.B. 2412-9 FOR DESC.

F.B. 2416 P.G. 64

76P526 S & E #379 1-54

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Chief of Party G. E. DRETER Weather CLEAR Inst. No. N.M. 42552
Notes by J. MOODY Time 8:55 to 9:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-1 To BM 102-2
Date 1-21-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6610		534	4138		5740		522	4160	
	6076		536			5218		522		
	5540		1070			4696		1044		
5	18226	6.075		5208		15654	5.218		5209	
	5820		606			6130		621		
	5218		605			5509		621		
	4613		1211			4888		1242		
6	15655	5.218		6419		16527	5.509		6446	
	6219		622			6489		607		
	5597		624			5882		607		
	4973		1246			5275		1214		
7	16789	5.596		7665		17646	5.882		7660	
	5326		608			6168		601		
	4718		606			5567		602		
	9112		1214			4965		1203		
8	19156	4.719		8879		16700	5.567		8863	
	5964		612			6211		620		
	5352		613			5591		618		
	4739		1225			4973		1238		
9	16055	5.352		10104		16775	5.592		10101	
		26960					27768			

F.B. 2414 P.G. 64

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. WK 142552
Notes by J. MOODY Time 8:55 to 9:25 Rod No. 15E16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 102-1 To BM 102-2
Date 1-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5167	26.960	614	10.104		6087	27.768	617	10.101	
	5153		610			5470		618		
	4593		1224			4852		1235		
10	16.469	5.154		11328		16.209	5.470		11.336	
	5870		488			6099		494		+42.911
	5382		487			5605		494		-44.548
	4895		975			5111		988		-1.637
11	16.147	5.382		12303		16.815	5.605		12324	
	5909		494			6198		494		BM 102-2.
	5415		495			5706		492		AVE "I" & 15th St W.
	4920		989			5212		986		SEE F.B. 2412-10 FOR DESC.
12	16.244	5.915		13292		17.114	5.705		13310	
		42.911					44.548		13.292	
									26.602	
									0.50 mi	

F.B. 2416 P.G. 66

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NC 1925 2
Notes by J. Moody Time 9:00 to 9:40 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-1 To 101-132
Date 1-20-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5893		390		#16	5379		590		BM 102-1
	5503		390			4989		390		AVE "I" & 10th St. W.
	5113		780			4599		780		SEE F.B. 2912-8 & 2E5C.
1	16509	5.503		780	38°	14967	4.989		780	
	6781		455			6072		438		T. DREIER
	6326		457			5634		437		
	5869		912			5197		875		
2	18.976	6.325		1692		16903	5.634		1655	
	5950		631			5038		639		
	5319		631			4397		636		
	4688		1262			3763		1275		
3	15957	5.319		2954		13200	4.400		2930	
	6033		635			5683		636		
	5398		634			4947		639		
	4764		1269			4308		1275		
4	16195	5.398		4223		14838	4.946		4205	
	6338		638			5868		631		F.B. 2916 P.G. 67
	5700		634			5237		630		
	5064		1274			4607		1261		
5	17102	5.701		5497		15712	5.237		5466	
		28.246					25.206			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 19552
Notes by J. MOODY Time 7:20 to 9:40 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301-02
From BM 102-1 To BM 101-132
Date 1-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6193	28.246	633	5497		5909	25.206	633	5466	
	5560		631			5277		632		
	4929		1264			4695		1264		
6	16682	5.561		6761		15831	5.277		6730	
	6569		638			5757		632		
	5931		638			5125		634		
	5293		1276			4491		1266		
7	17793	5.931		8037		15373	5.124		7996	
	6398		636			5699		636		
	5762		637			5013		634		
	5125		1273			4379		1270		
8	17285	5.762		9310		15041	5.014		9266	
	6127		639			5399		628		
	5488		639			4771		630		
	4849		1278			4141		1258		
9	16464	5.488		10698		14311	4.770		10524	
	6378		625			6173		646		
	5753		623			5527		647		
	5150		1248			4880		1293		
10	17321	5.774		11836		16580	5.527		11817	
		56.762					50.918			

F.B. 7916 P.G. 68

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. DREIER Weather CLEAR Inst. No NK 142552
Notes by D. MOODY Time 9:00 to 9:40 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-1 To BM 101-132
Date 1-20-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6186	56.762	634	11.836		5642	50.918	633	11.817	
	5552		634			5009		635		
	4918		1268			4374		1268		
11	16656	5.552		13104		15025	5.008		13085	
	6142		629			5542		632		
	5513		629			4910		632		
	4880		1258			4278		1264		
12	16539	5.513		10362		14730	4.910		14349	
	6335		712			5190		701		
	5623		711			1093		700		
	4912		1423			3793		1401		
13	16870	5.623		15785		13480	4.493		15750	
	5966		347			6472		357		BM 101-132
	5619		348			6115		357		S. P. R. R. & AVE I
	5271		695			5758		714		SEE C.B. 2910-40 FOR DES
14	16856	5.619		16480		18345	6.115		16464	
									16480	SUMMATION OF RUN
									32944	B.M. 102-1 TO B.M. 101-132
									=0.62mi	TOTAL BACKSIGHTS +79.069
										TOTAL FORESIGHTS -71.444
		79.069					71.444			SUMMATION OF RUN +7.625

F.B. 414 P.G. 69

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PRTLY CLOUDY - WINDY Inst. No. N-142552
Notes by T. OHASHI Time 8:15 TO 8:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 101-132 To B.M. 102-1
Date 1-21-58
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6553		352		#/5	6059		354		B.M. 101-132
	6201		352			5705		354		S.P. RR. & AVE. "I"
	5849		704			5351		708		SEE F.B. 2410-40 FOR DESC.
1.	18603	6201		704		17.115	5.705		708	
	5199		704			6332		710		
	4495		704			5622		710		T G. E. DREIER
	3791		1408			4912		1420		
2.	13485	4.495		2112		16.866	5.622		2128	
	5428		634			6022		625		
	4794		632			5397		626		
	4162		1266			4771		1251		
3	14384	4.795		3378		16.190	5.397		3377	
	5679		632			6218		633		
	5047		635			5585		633		
	4412		1267			4952		1266		
4.	15138	5.046		4645		16.755	5.585		4645	
	6157		636			6398		631		
	5521		638			5767		634		
	4883		1274			5133		1265		
5.	16561	5.520		5919		17.298	5.766		5910	
		26.057					28.075			

F.B. 2416 P.G. 70

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather: CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 10:40 TO 12:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-1 To BM 101-133
Date 1-27-58
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
	6085		387		#15	5532		390		BM 102-1
	5658		386			5102		388		AVE "I" & 10TH ST W.
	5272		773			4753		779		SEE F.B. 2412-9 FOR DESC.
1.	16.975	5.658		773		15427	5.142		779	
	6072		406			5374		400		T. J. MOODY
	5666		405			4974		399		
	5261		811			4575		799		
2.	16.999	5.666		1584		14923	4.974		1578	
	5651		638			4129		632		
	5013		638			4097		635		
	4376		1276			3162		1267		
3.	15039	5.013		2860		12288	4.096		2849	
	5617		637			5229		641		
	5040		633			4588		641		
	4407		1270			3947		1282		
4.	15124	5.041		4130		13764	4.588		4127	
	6191		635			5725		633		
	5556		637			5092		631		
	4919		1272			4461		1264		
5.	16666	5.555		5402		15278	5.093		5391	
		26933					23893			

F.B. 2416 P.G. 73

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NH142552
Notes by T. OHASHI Time 10:40 TO 12:45 Rod No. 15 & 16

Name C. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-1 To BM 101-132
Date 1-27-58
Indexed C. Johnson

F.B. 24-16 P.G. 74

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6392	26.933	634	5.402		6109	23.893	632	5.391	
	5758		636			5477		629		
	5122		1270			4848		1261		
6	17.272	5.757		6.672		16.434	5.478		6.652	
	6206		637			5378		636		
	5569		637			4742		634		
	4932		1274			4128		1270		
7	16.707	5.569		7.946		14.288	4.763		7.922	
	6307		642			5541		631		
	5665		640			4917		632		
	5025		1282			4285		1263		
8	16.997	5.666		9.228		14.743	4.914		9.185	
	5914		627			5272		640		
	5347		627			4632		640		
	4718		1254			3992		1280		
9	16.039	5.346		10.184		13.896	4.632		10.465	
	6122		640			5860		633		
	5482		640			5236		631		
	4842		1280			4605		1264		
10	16.446	5.482		11.164		15.716	5.237		16.729	
		54.753					48.920			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. W-142-552
Notes by T. OHASHI Time 10:20 To 12:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-1 To BM 101-132
Date 1-27-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6095	54.753	644	11.764		5538	48.920	627	11.729	
	5451		642			4911		625		
	4809		1286			4286		1252		
11.	16.355	5.452		3.350		14.735	4.912		2.781	SUMMATION OF RUN
	6035		627			5939		634		BM. 102-1 TO BM 101-132
	5408		629			4805		624		TOTAL BACKSIGHT + 76.768
	4779		1256			4181		1258		TOTAL FORESIGHT - 69.164
12.	16.222	5.407		14.356		14.415	4.805		14.249	DIFF. IN ELEV + 7.604
	6155		673			5099		740		
	5482		669			4359		740		
	4813		1342			3619		1480		
13.	16.450	5.483		15.648		13.077	4.359		15.729	
	6046		374			6503		337		BM. 101-132
	5672		371			6168		336		S.P.R.R. & Ave "I"
	5301		745			5832		673		SEE F.B. 1210-40 FOR DESC.
14.	17.019	5.672		15.293		18.503	6.168		16.400	
		76.768					69.164			

F.B. 2416 P.G. 75

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No NK192552
Notes by J. MOODY Time 9:45 to 11:00 Rod No 15 & 16

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-132 To BM 101-134
Date 1-20-58
Indexed C. John

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5338		580		#15	6619		567		BM 101-132
	4758		580			6052		565		S.P.R.R. & AVE I
	4178		1160			5487		1132		SEE F.B. 2410-40 for DESC
1	19.274	4.758		1.160	18°	16.138	6.053		1.132	
	5667		626			6061		609		R DREIER
	5041		624			5452		611		
	4417		1250			4841		1220		
2	15.125	5.042		2.410		16.354	5.451		2.352	
	4364		614			6463		631		
	3750		614			5832		631		
	3136		1228			5201		1262		
3	11.250	3.750		3.638		17.496	5.832		3.614	
	5072		621			6383		630		+ 24.182
	4951		623			5753		630		- 29.213
	3828		1244			5123		1260		- 5.031
4	13.351	4.450		4.882		17.259	5.753		4.874	F.B. 2414 P.G. 77
	6598		416			6549		421		BM 101-133
	6182		415			6123		439		S.P.R.R. & A.V. PLUMBING YD
	5767		831			5684		850		SEE F.B. 2412-41 for [illegible]
5	18.547	6.182		5.713		18.351	6.124		5.724	
		24.182					29.213			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NC142552
Notes by J. MOODY Time 9:45 to 11:00 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-132 To BM 101-134
Date 1-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5937		538	5713		6452		512	5724	
	5399		538			5940		512		
	4861		1076			5428		1024		
6	16.197	5.399		6789		17.820	5.940		6.748	
	5.507		646			6459		656		
	4861		644			5803		652		
	4217		1290			5.151		1308		
7	14.585	4.862		8079		17.413	5.804		8.056	
	5436		648			6461		659		
	4788		648			5802		658		
	4140		1296			5144		1317		
8	14.384	4.788		9375		17.407	5.802		9373	
	5392		653			6901		657		
	4739		653			6244		655		
	4086		1306			5589		1312		
9	14.217	4.739		10681		18.734	6.245		10.685	
	5884		653			7371		638		
	5231		653			6733		636		
	4578		1306			6097		1274		
10	15.693	5.231		11.987		20.201	6.734		11.989	
		25.019					30.525			

F.B. 2416 P.G. 78

76P526 S & E #379 1-54

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Chief of Party B. E. DIXIE Weather CLEAR Inst. No NK142552
Notes by J. MOODY Time 9:45 to 11.00 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 101-132 To BM 101-134
Date 1-20-58
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5473	25.019	666	11.987		6498	30.525	658	11.985	
	4807		668			5790		658		
	4139		334			5132		316		
11	14.419	4.806	1332	1332.1		17370	5.790	1332	1332.5	
	7634		643			8972		638		
	6891		644			7834		636		
	6247		1287			7198		1274		
12	20.672	6.891	14608	14608		23504	7.835	14.514	14.579	
	6089		651			6611		651		
	5438		648			5960		651		
	4790		1299			5309		1302		
13	16317	5.439	15907	15907		17880	5.960	15881	15881	
	5537		655			5989		648		
	4882		652			5341		648		
	4230		1307			4693		1296		
14	14.649	4.883	17214	17214		16023	5.341	17177	17177	
	6153		653			5982		655		
	5500		650			5327		654		
	1850		1303			4673		1309		
15	16503	5.501	18517	18517		15982	5.327	18486	18486	
		52.539					60.778			

F.B. 2416 P.G. 79

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NC142552
Notes by J. MOODY Time 9.45 to 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-132 To BM 101-134
Date 1-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7308	52.539	418	18517		2071	60.778	422	19382	+ 59.429
	6890		418			1649		422		− 62.427
	6472		836			1227		844		2.998
16	20.670	6.890		19353		9947	1649		19380	B.M. 101-134 (2-56 1926)
									19.353	SP. RR BACK OF LEE'S DRIVE IN
									38.653	SEE F.B. 2410-41
									=0.73 mi	
							DIFF.	IN ELEV.	B.M. 101-132 TO B.M. 101-133	SUMMATION OF RUN − 5.031
							"	"	" " 101-133 TO B.M. 101-134	− 2.998
		59H29					62427			

F.B. 2416 P.G. 80

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 19255
Notes by J. MOODY Time 1:45 to 2:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.03
From BM 101-133 To BM 101-132
Date 1-23-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6491		421		#15	6559		428		BM 101-133 (U.S. 2335, B 1902)
	6070		421			6131		424		S.P.R.R. & A.V. PUMPING YD
	5649		842			5707		852		SEE F.B. 2410-40 FOR DESC.
1	18.210	6.070		.842	62°	18.397	6.132		.852	
	6405		630			5092		619		
	5775		629			4473		621		
	5146		1259			3852		1240		T DREIER
2	17.326	5.775		2.101		13.417	4.472		2.092	
	6207		632			4112		621		
	5575		631			3491		620		SUMMATION OF RUN
	4944		1263			2871		1241		BM 101-133 to BM 101-132
3	16.726	5.575		.3364		10.474	3.491		3.333	TOTAL BACKSIGHTS + 28.984
	5903		610			5512		625		TOTAL FORESIGHTS - 23.958
	5293		610			4887		628		DIFF IN ELEV. + 5.026
	4683		1220			4259		1253		
4	15.879	5.293		0.584		14.658	4.886		4586	F.B. 2414 P.G. 81
	6837		566			5568		591		BM 101-132
	6271		566			4977		592		S.P.R.R. & AVE I
	5705		1132			4385		1183		SEE F.B. 2410-40 FOR DESC.
5	18.813	6.271		5.716		16.930	4.977		5.769	
		28.984					23.958			

76P526 S & E #379 1-54

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Chief of Party C. E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by J. MOODY Time 12:25 to 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-134 To BM 101-136
Date 1-20-58
Indexed A. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2378		617		#15	7927		705		BM 101-134
	1761		616			7222		706		SIERRA Hwy & LEES DRIVE IN
	1145		1233			6516		1411		SEE F.B. 2410-41 FOR DESC.
1	5.284	1.761		1233	62°	21.665	7.222		1.411	
	7747		687			5217		618		T. DREIER
	7060		686			4599		617		
	6374		1373			3982		1235		
2	21.181	7.060		2.606		13.798	4.599		2.646	
	8137		648			9543		638		
	7489		650			8905		638		
	6839		1298			8267		1276		
3	22.465	7.488		3.904		26.715	8.905		3.922	
	8059		607			5682		658		
	7912		645			5024		656		
	6767		1292			4368		1314		
4	22.238	7.413		5.196		15.074	5.025		5.236	
	3758		648			7337		655		
	3110		650			6682		653		
	2460		1298			6029		1308		
5	9.328	3.109		6.494		20.048	6.683		6.544	
		26.831					32.434			

F.B. 2416 P.G. 83

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NR142552
Notes by J. MOODY Time 11:25 to 1:30 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-134 To BM 101-136
Date 1-20-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5178	26.831	639	6494		6457	32.434	649	6544	
	4539		641			5808		650		
	3898		1280			5158		1299		
6	13.615	4.538		7.774		17.423	5.808		7.843	
	5045		194			3705		168		+36.220
	4851		194			3537		166		-41.780
	4657		388			3371		334		-5.560
7	14.553	4.851		8.162		10.613	3.538		8.177	
		36.220					41.780			BM101-135
										SIERRA HWY, AT R.R. MILEPOLE #401
										SEE F.B. 2410-41 FOR DESC.
	5947		470			6793		473		
	5477		467			6320		472		
	5010		937			5848		945		
8	16.434	5.478		9.099		18.961	6.320		9.122	
	4848		646			7298		651		
	4202		650			6647		655		
	3552		1296			5992		1306		
9	12.602	4.201		10.395		19.937	6.646		10.428	
		9.679					12.966			

F.B. 2416 P.G. 84

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK142552
Notes by J. MOODY Time 11:25 to 1:30 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-134 To BM 101-136
Date 1-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5402	9.679	652	10.395		6224	12.966	641	10.428	
	4750		653			5583		641		
	4097		1305			4942		1282		
10	14.299	4.750		11.700		16.749	5.583		11.710	
	5509		679			6653		630		
	4830		680			6023		630		
	4150		1359			5393		1260		
11	14.489	4.830		13.059		18.069	6.023		12.970	
	5907		636			4398		681		
	5271		634			3667		680		
	4637		1270			2987		1361		
12	15.815	5.272		14.329		11.002	3.667		14.331	T.P. HOLE IN HEADWALL
	4559		656			6292		695		
	3903		656			5597		698		
	3247		1312			4899		1393		
13	11.709	3.903		15.641		16.788	5.596		15.727	
	5125		663			5612		638		
	4462		662			5044		637		
	3800		1325			4407		1275		
14	13.387	4.462		16.966		15.133	5.044		16.999	
		32.896					38.879			

F.B. 201.6 P.G. 85

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. E. DREIER Weather CLEAR Inst. No. NK 192552
Notes by J. MOODY Time 11:25 to 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1101-134 To BM 1101-136
Date 1-20-58
Indexed A. C. Johnson

F.B. 2416 P.G. 86

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5622	32.896	650	16.966		6413	38.879	650	16.999	
	4972		650			5763		651		
	4322		1300			5112		1301		
15	14.916	4.972		18266		17288	5.763		18300	
	5758		660			5593		640		
	5108		649			4953		639		
	4459		1299			4314		1279		
16	15325	5.108		19565		14860	4.953		19579	
	5929		671			6230		652		
	5258		671			5578		651		
	4587		1342			4927		1303		
17	15774	5.258		20907		16735	5.578		20882	
	5533		653			6740		637		
	4880		653			6107		639		
	4227		1306			5468		1276		
18	14640	4.880		22213		18319	6.106		22158	
	6159		651			5528		644		
	5508		652			4884		643		
	4856		1303			4241		1287		
19	16523	5.508		23516		14653	4.884		23445	
		58.622					66.163			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK-182552
Notes by J. MOODY Time 11:26 to 1:30 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-134 To BM 101-136
Date 1-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6938	58.622	639	23516		7107	66.163	660	23445	
	5799		639			6447		662		
	5160		1278			5785		1322		
20	17397	5.799		24794		19339	6.446		24767	+75004
	6079		648			6882		644		-82.579
	5431		648			6238		645		-7.575
	0783		1296			5593		1289		
21	16293	5.431		26090		18713	6.238		26056	
	5493		291			4037		306		BM 101-136 (U.S. , E-811, 1947
	5152		290			3731		304		SIERRA Hwy AT Sta. "G" 90+50
	4862		581			3427		610		SEE C.B. 2410-41 FOR DESC
22	16457	5.152		26671		11195	3.732		26666	
		75.004					82.579			

F.B. 2411 P.G. 87

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 C. Johnson

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

F.B. 2414 P.G. 88

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. Nr 142552
Notes by T. OHASHI Time 9:15 To 10:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-136 To BM 101-135
Date 1-27-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4091		303			5502		292		BM. 101-136 (US. Z-811 1947)
	3788		303		#15	5210		293		SIERRA HWY. AT STA. "G" 90+50
	3485		606			4917		585		SEE F.B. 2410-41 FOR DESC.
1.	11.364	3788		606	60°	15.629	5.210		585	
	6680		647			5878		650		⊼ G.E. DREIER
	6033		646			5228		653		
	5387		1293			4575		1303		
2.	18.100	6.033		1899		15.681	5.227		1888	
	5919		648			5284		656		
	5271		646			4628		657		
	4625		1294			3971		1313		
3	15.815	5.272		3193		13.883	4.628		3201	
	5513		642			5479		652		
	4871		642			4827		652		
	4229		1284			4175		1304		
4.	14.613	4.871		4477		14.481	4.827		4505	
	5972	[illegible]	[illegible]			5422		651		
	5328		[illegible]			4771		652		
	4682		1290			4119		1303		
5.	15.982	5.327		5767		14.312	4.771		5808	
		25.291					24.663			

F.B. 2416 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 ..... Weather CLEAR ..... Inst. No. NL 142552
Notes by T. OHASHI ..... Time 9:15 TO 10:20 Rod No. 15 & 16

Name .....
Job No. 0301.02
From BM 101-136 To BM 101-135
Date 1-27-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5905	25.291	639	5767		5609	24.663	660	5808	
	5266		638			4942		665		
	4628		277			4771		532		
6	15.799	5.266		[illegible]		14.828	4.943		7140	
	5480		[illegible]			5592		625		
	4813		[illegible]			4967		627		
	4149		331			4340		1252		
7	14.442	4.814		8375		14.899	4.966		8392	
	6307		660			5499		641		
	5647		659			4858		647		
	4988		1319			4213		1286		
8	16.942	5.647		9694		14.570	4.857		9678	
	5620		643			5051		655		
	4977		644			4396		656		
	4333		1287			3740		1311		
9	14.930	4.977		10981		13.187	4.396		10.989	← T.P. NAIL IN HEADWALL
	6249		686			4330		659		
	5563		685			3871		659		
	4878		1371			3212		1318		
10	16.690	5.563		12.352		11.613	3.871		12.307	
		51.558					47.696			

F.B. 2416 P.G. 90

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 CLEAR Inst. No. NT-142552
Notes by T. OHASHI Time 9:15 TO 10:20 Rod No. 15 & 16

Name .....
Job No. 0301.02
From BM 101-136 To BM 101-135
Date 1-27-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6358	5.558	663	12.352		5993	4.696	693	12.3 07	
	3695		663			5300		692		
	3032		1326			4645		1385		
11	11.085	3.695		13.678		15961	5.300		13.619 2	
	7759		627			6613		677		
	7132		627			5934		677		
	6505		1254			5257		1354		
12	21396	7.132		14.932		17864	5.935		14.773 69	
	6624		646			5787		646		BM 101-135
	5978		646			5141		637		SIERRA HWY. AT RR. MILE POST 401
	4332		1292			4510		1283		SEE F.B. 2410-41 FOR DESC.
13.	17934	5.978		16.224		15444	5.148		16.277 35	
	7262		653			4809		646		
	6609		654			4163		646		
	5955		1307			3517		1292		
14.	19826	6.609		17.531		12489	4.163		17.575 27	SUMMATION OF RUN
	6671		474			4821		466		BM 101-136 TO BM 101-135
	6197		476			5355		465		TOTAL BACKSIGHT +81.168
	5721		950			4890		931		TOTAL FORESIGHT -73.597
15.	18.559	6.196		18.481		16.066	5.355		18.423 58	DIFF IN ELEV. +7.571
		81.168					73.597		18.481	
									36.938	
									=0.7 mi	

F.B. 2410-41 P.G. 21

76P526 S & E #379 1-54

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Chief of Party..... Weather..... Inst. No.....

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

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

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

F.B. 2416 P.G. 92

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NH/42552
Notes by T. OHASHI Time 12:15 TO 1:26 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-135 To BM 101-133
Date 1-23-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3890		152		#15	5198		176		BM 101-135
	3708		182			5022		177		SIERRA HWY, AT R.R. MILE POST #401
	3526		364			4845		353		SEE F.B. 2410-41 FOR DESC.
1	11.124	3.708		364		15.065	5.022		353	
	6487		653			5208		640		
	5834		651			4568		640		
	5183		1304			3928		1280		
2	17.504	5.835		1668		13.704	4.568		1633	
	7052		651			3478		651		
	6401		652			2827		650		
	5749		1303			2177		1301		
3	19.202	6.401		2971		8.482	2.827		2934	
	5762		655			8145		648		
	5107		655			7497		649		
	4451		1310			6848		1297		
4	15.320	5.107		4282		22.490	7.497		4231	
	9554		637			8148		649		
	8917		637			7499		648		
	8280		1274			6851		1297		
5	26.751	8.917		55-56		22.498	7.499		5528	
		29.968					27.413			

F.B. 2416 P.G. 23

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 12:15 To 1:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-135 To BM 101-133
Date 1-23-58
Indexed G. Johnson

F.B. 2416 P.G. 94

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4973	29.965	665	5.558		7411	27.413	644	5.528	
	4308		665			6767		646		
	3643		1330			6121		1290		
6.	12924	4.308		6886		20299	6.766		6818	+41.500
	7924		700			2388		625		-35.942
	7224		699			1763		624		+5.558
	6525		1399			1139		1249		
7.	21673	7.224		8285		5290	1.763		8067	
		41.500					35.942			BM 101-134
										SIERRA HWY. & LEE'S DRIVE INN
										SEE F.B. 2410-41 FOR DESC.
	1689		424			6917		410		
	1265		425			6507		410		
	0840		849			6097		820		
8.	3794	1.265		9134		19521	6.507		8987	
	5949		617			6193		689		
	5332		614			5504		688		
	4718		1231			4816		1377		
9.	15999	5.333		10365		16513	5.504		10264	
		6.598					12.011			

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. Nr142552
Notes by T. OHASHI Time 12-15 To 1:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-135 To BM 101-133
Date 1-23-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5746	6.598	649	10.365		5292	12.011	652	10.264	
	5097		648			4640		652		
	4449		1297			3988		1304		
10	15.292	5.097		11.662		13.920	4.640		11.568	
	6709		626			6237		677		
	6083		625			5560		676		
	5458		1251			4884		1353		
11	18.250	6.083		12.913		16.681	5.560		12.921	
	8570		641			7632		646		
	7929		639			6986		646		
	7290		1280			6340		1292		
12	23.789	7.930		14.193		20.958	6.986		14.213	
	6469		656			5493		665		
	5813		655			4828		667		
	5158		1311			4161		1332		
13	17.440	5.813		15.504		14.482	4.827		15.545	
	7397		639			5908		652		
	6758		640			5256		656		
	6118		1279			4603		1308		
14	20.273	6.758		16.783		15.767	5.256		16.853	
		38.279					39.280			

F.B. 2416 PG. 25

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. N-142552
Notes by T. OHASHI Time 12:15 TO 1:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 101-135 To BM 101-133
Date 1-23-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6454	38.279	654	16.783		4950	37.280	657	18.853	
	5800		654			4293		656		
	5146		1308			3637		1313		
15	17.400	5.800		18.091		12.880	4.293		18.166	
	6527		676			5471		633		
	5851		674			4839		631		
	5177		1350			9207		1264		
16.	17.555	5.852		19.941		14.516	4.839		19.430	+61.544
	6457		657			5998		642		-58.539
	5800		658			4856		641		+ 3.005
	5142		1315			9212		1283		
17.	17.399	5.800		20.756		14.566	4.855		20.716	
	6328		516			5812		540		BM. 101-133
	5812		512			5272		540		S.P.R.R. & A.V. PLUMBING YARD
	5300		1028			4732		1080		SEE F.B. 2412-41 FOR DESC.
18	17.440	5.813		21.784		15.816	5.272		21.796	

F.B. 2416 P.G. 96

SUMMATION OF RUN
DIFF. IN ELEV. BM 101-135 TO BM 101-134 + 5.558
" " " BM 101-134 TO BM 101-133 + 3.005

61.544 58.539

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 WIND CLEAR Inst. No NK 162552
Notes by J. MOODY Time 1:35 to 2:00 Rod No. 15 #6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-136 To BM 101-137
Date 1-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5240		654		#15	6288		640		BM 101-136 (U.S. , Z-811, 1947
	4586		655			5648		639		SIERRA HWY AT STA. G-90+50
	3931		1309	1309		5009		1279	1279	SEE C.B. 2410-41 FOR DESC
1	13.757	4.586			62°	16.945	5.648			
	5938		646			6609		645		T DREIER
	5292		645			5964		643		
	4647		1291	2.600		5321		1288	2.567	
2	16.877	5.292				17.894	5.965			
	5598		641			5792		656		
	4957		645			5136		656		
	4312		1286	3.886		4480		1312	3.879	
3	14.867	4.956				16.408	5.136			
	6208		650			7237		640		
	5558		650			6597		640		
	4908		1300	5.186		5957		1280	5.159	
4	16.674	5.558				19.791	6.597			
	6077		649			5878		650		
	5423		650			5228		648		
	4773		1299	6.485		4580		1298	6.457	
5	16.268	5.423				15.686	5.229			
		25.815					28.575			

F.B. 2416 P.G. 97

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather VERY WINDY Inst. No NK 142552
Notes by J. MOODY Time 1:35 to 2:00 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 101-136 To BM 101-137
Date 1-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thredd Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5052	25.815	644	6486		5153	28575	647	6457	
	4408		646			4506		649		
	3762		1290			3851		1296		
6	13222	4.407		7.775		13516	4.505		7.753	
	4792		439			5390		451		
	4353		440			4939		450		
	3913		879			4489		901		
7	13058	4.353		8.654		14818	4.939		8.664	
	5609		443			5477		450		BM 101-137
	5166		443			5027		448		SIERRA HWY AT R.R. MILE POST
	4723		886			4579		898		"403"
8	15498	5.166		9.540		15083	5.028		9.552	SEE L.B. 2910-41 FOR DESC.
										SUMMATION OF RUN
										BM 101-136 to BM 101-137
										total BACKSIGHTS +39.741
										total FORESIGHTS -43.047
										DIFF IN ELEV. -3.306
		39.741					43.047			

F.B. 2416 P.G. 98

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NR-142552
Notes by T. OHASHI Time 8:45 TO 9:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-137 To BM 101-136
Date 1-27-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1.	5577 5035 4591 15105	5035	444 444 888	888	#15 60°	5618 5173 4728 15519	5173	445 445 890	890	BM 101-137 SIERRA HWY. AT R.R. MILE POST #403 SEE F.B. 2410-41 FOR DESC.
2	5566 5115 4664 15345	5115	451 451 902	1790		4969 4527 4084 13580	4527	442 443 885	1727	* G.E. DREIER
3	5431 4784 4132 14347	4784	647 658 1305	3095		5333 4687 4038 14058	4686	646 649 1295	3070	
4	6076 5427 4783 16280	5427	649 644 1293	4382		6273 5617 4960 16850	5617	656 657 1313	4383	
5	7103 6502 5859 19504	6501	641 643 1284	5666		6114 5463 4812 16390	5463	652 651 1303	5680	
		26862					25466			

F.B. 2410 P.G. 22

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. N+142552
Notes by T. OHASHI Time 8:45 to 2:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From BM 101-137 To BM 101-136
Date 1-27-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5887	26.862	643	56 66		5697	25.466	644	56 86	
	5234		652			5053		691		
	4582		1295			4912		1285		
6	15.703	5.234		6.971		15.162	5.054		6.971	
	6556		648			4810		644		
	5908		645			5236		645		
	5259		1293			4591		1289		
7	17.723	5.908		8.268		15.707	5.236		8.260	
	6282		640			5290		662		B.M. 101-136 (U.S. Z-811 1947)
	5642		640			4578		663		SIERRA HWY. AT STA. "G" 90+50
	5002		1280			3915		1325		SEE F.B. 2410-41 FOR DESC.
8	16.926	5.642		9.548		13.733	4.577		9.585	
										SUMMATION OF RUN
										BM 101-137 TO BM 101-136
										TOTAL BACKSIGHT + 43.646
										TOTAL FORESIGHT − 40.334
										DIFF IN ELEV. + 3.312
		43646					40.334			

F.B. 2416 P.G. 120

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No NK 19255R
Notes by J. MOODY Time 1100 to 1145 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 101-137 To BM 101-138
Date 1-22-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5070		651		#15	6402		659		BM 101-137
	4419		651			5743		659		SIERRA HWY, AT MILE POST "403"
	3768		1302	1302		5084		1318	1318	
1	13.257	4.419			52°	17.229	5.743			SEE F.B. 2912-41 FOR DESC.
	6050		645			6205		652		
	5405		646			5553		651		
	4759		1291	2593		4902		1303	2621	T DREIER
2	16.214	5.405				16.660	5.553			
	5640		658			6656		641		
	4982		659			6012		642		
	4323		1317	3910		5370		1283	3907	
3	14.945	4.982				18.038	6.013			
	6547		650			6718		649		
	5897		652			6069		649		
	5245		1302	5212		5420		1298	5205	
4	17.689	5.896				18.207	6.069			
	5651		653			5711		650		
	4998		655			5061		650		
	4343		1308	6520		4411		1300	6505	
5	14.992	4.997				15.183	5.061			
		25.699					28.439			

F.B. 2912 P.G. 101

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. [illegible]
Notes by J. Moody Time 1:00 to 1:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-137 To BM 101-138
Date 1-22-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5670	25.699	658	6520		6084	28.439	644	6505	
	4862		657			5440		643		
	4205		1315			4797		1287		
6	14587	4.862		7.835		16321	5.440		7.792	
	5847		649			6923		646		
	5198		648			6277		646		
	4550		1297			5631		1292		
7	15595	5.198		9.132		18831	6.277		9.084	
	5707		634			5683		666		
	5073		633			5017		667		
	4440		1267			4350		1333		
8	15220	5.073		10.399		15050	5.017		10.417	
	5850		659			6677		644		
	5191		657			6033		642		
	4534		1316			5391		1286		
9	15575	5.192		11.715		18101	6.034		11.703	
	5347		656			6438		645		
	4691		655			5793		642		
	4036		1311			5151		1287		
10	14074	4.691		13026		17382	5.794		12990	
		50.715					57.001			

F.B. 2416 P.G. 102

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NC 142552
Notes by J. MOODY Time 1:00 to 1:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 101-137 To BM 101-138
Date 1-22-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5292	50.715	633	13.026		6398	57.001	661	12.990	
	4659		632			5737		659		
	4027		1265			5078		1320		
11	13.978	4.659		14.291		17.213	5.738		14.310	
	5609		644			6051		653		
	4965		645			5398		651		
	4320		1289			4747		1304		
12	14.894	4.965		15.580		16.196	5.399		15.614	
	5603		650			6918		645		SUMMATION OF RUN
	4953		651			6273		645		BM 101-137 to BM 101-138
	4302		1301			5628		1290		
13	14.858	4.953		16.881		18.819	6.273		16.904	TOTAL BACKSIGHTS + 75.179
	5856		652			6359		649		TOTAL FORESIGHTS − 84.025
	5204		652			5710		647		DIFF IN ELEV. − 8.846
	4552		1304			5063		1296		
14	15.612	5.204		18.185		17.132	5.711		18.200	
	5087		404			4339		437		BM 101-138 (U.S , Y-56, 1926
	4683		404			3902		435		SIERRA HWY, "8" POLES S. OF
	4279		808			3467		8.72		MILEPOST "402"
15	14.049	4.683		18.993		11.708	3.903		19.072	SEE F.B. 2410-42 FOR DESC
		75.179					84.025		18.993	
									38.065	
									= 0.72 mi.	

F.B. 2416 P.G. 103

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NP 142552
Notes by J. MOODY Time 9:30 to 10:15 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-138 To BM 101-137
Date 1-23-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4968		430		#15	5228		409		BM 101-138 (U.S. , Y-56, 1926
	4038		431			4819		409		SIERRA Hwy, 8" POLES S. OF
	3607		861"			4910		818"		MILEPOST 402
1	12113"	4.038"		.861"	42°	14457"	4.819"		.818'	SEE FB 7010-42 FOR DESC.
	6371		645			5867		650		
	5726		646			5217		649		* DREIER
	5080		1291"			4568		1299"		
2	17177"	5.726"		2.152		15652"	5.217"		2.117	
	6942		639			5637		656		
	6303		638			4981		654		
	8665		1277"			4327		1310"		
3	18910"	6.303"		3.429		14945"	4.982"		3.427	
	6060		649			5619		646		
	5411		650			4973		645		
	4761		1299"			4328		1291"		
4	16232"	5.411"		4.728		14920"	4.973"		4.718	
	6561		645			5487		647		
	5916		745			4840		648		
	5271		1290"			4192		1295"		
5	17748"	5.916"		6.018		14519"	4.840"		6.013	
		27.394"					24.831"			

F.B. 7416 P.G. 104

76P526 S & E #379 1-54

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Chief of Party G. E. DRETER Weather CLEAR Inst. No. NO 182552
Notes by J. MOODY Time 9:30 to 10:15 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-138 To BM 101-137
Date 1-23-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6693	27.394	641	6.018		5607	24.831	659	6.013	
	6052		642			4948		660		
	5410		1283			4288		1319		
6	18.155	6.052		7.301		14.843	4.948		7.332	
	6510		646			5670		651		
	5864		645			5019		648		
	5219		1291			4371		1299		
7	17.593	5.864		8.592		15.060	5.020		8.631	
	6183		653			6227		643		
	5530		652			5584		641		
	4878		1305			4943		1284		
8	16.591	5.530		9.897		16.754	5.585		9.915	
	6888		645			5815		650		
	6243		645			5165		649		
	5598		1290			4516		1299		
9	18.729	6.243		11.187		15.496	5.165		11.214	
	6117		660			5517		641		
	5457		659			4876		641		
	4798		1319			4235		1282		
10	16.372	5.457		12.506		14.628	4.876		12.496	
		56.540					50.425			

F.B. 2011 P.G. 105

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK1425-52
Notes by J. MOODY Time 9:30 to 10:15 Rod No. 15 ft 6

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-138 To BM 101-137
Date 1-23-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5800	56.540	647	12.506		5708	50.425	656	12496	
	5153		645			5092		655		
	4508		1292			4437		1311		
11	16.461	5.154		13798		15277	5.092		13807	
	6523		646			6362		652		
	5877		647			5700		652		
	5230		1293			5048		1304		
12	17.630	5.877		15091		17100	5.700		15111	
	7090		608			6060		656		SUMMATION OF RUN
	6442		649			5410		651		B.M. 101-138 TO B.M. 101-137
	5793		1297			4759		1307		TOTAL BACKSIGHTS + 85.740
13	19.325	6.442		16388		16229	5.410		16412	TOTAL FORESIGHTS - 76.881
	6213		647			6065		651		DIFF IN ELEVATION + 8.859
	5565		647			5414		650		
	4918		1294			4764		1301		
14	16.695	5.565		17682		16243	5.410		17713	
	6809		647			5493		664		BM 101-137
	6162		647			4839		662		SIERRA HWY & AT MILEPOST "403"
	5515		1294			4177		1326		SEE FB. 2410-41 FOR DESC.
15	18.486	6.162		18976		14509	4.840		19039	
		85.740					76.881			

F.B. 2416 P.G. 106

Notes Ck'd by
Map No.
Office Work
Checked
Date

L.A.CO. PRECISE LEVEL NET

Survey of 0301.02
W. O. Tape No. St'd. °F
Surveyed by G. E. DREIER
Notes Date 2-23-58
Indexed C. Johnson 3-26-58

F. B. 2416 Pg. 121

LINE NO. 104

L.A. Co. PRECISE LEVEL NET

JOB NO. 0301.02

QUARTZ HILL AREA; AVE. M FROM SIERRA Hwy. TO 70th ST. W.; 70th ST. W. FROM AVE. M TO AVE. I (LINE 102)

ALSO RERUN OF LINE 101 FROM AVE. M (101-122) TO AVE I (101-132)

DREIER
MOODY
OHASHI
CERICOLA
ALWIN

CONTINUED IN F.B. 2417

SEE F.B. 3726-161 TO 222

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.

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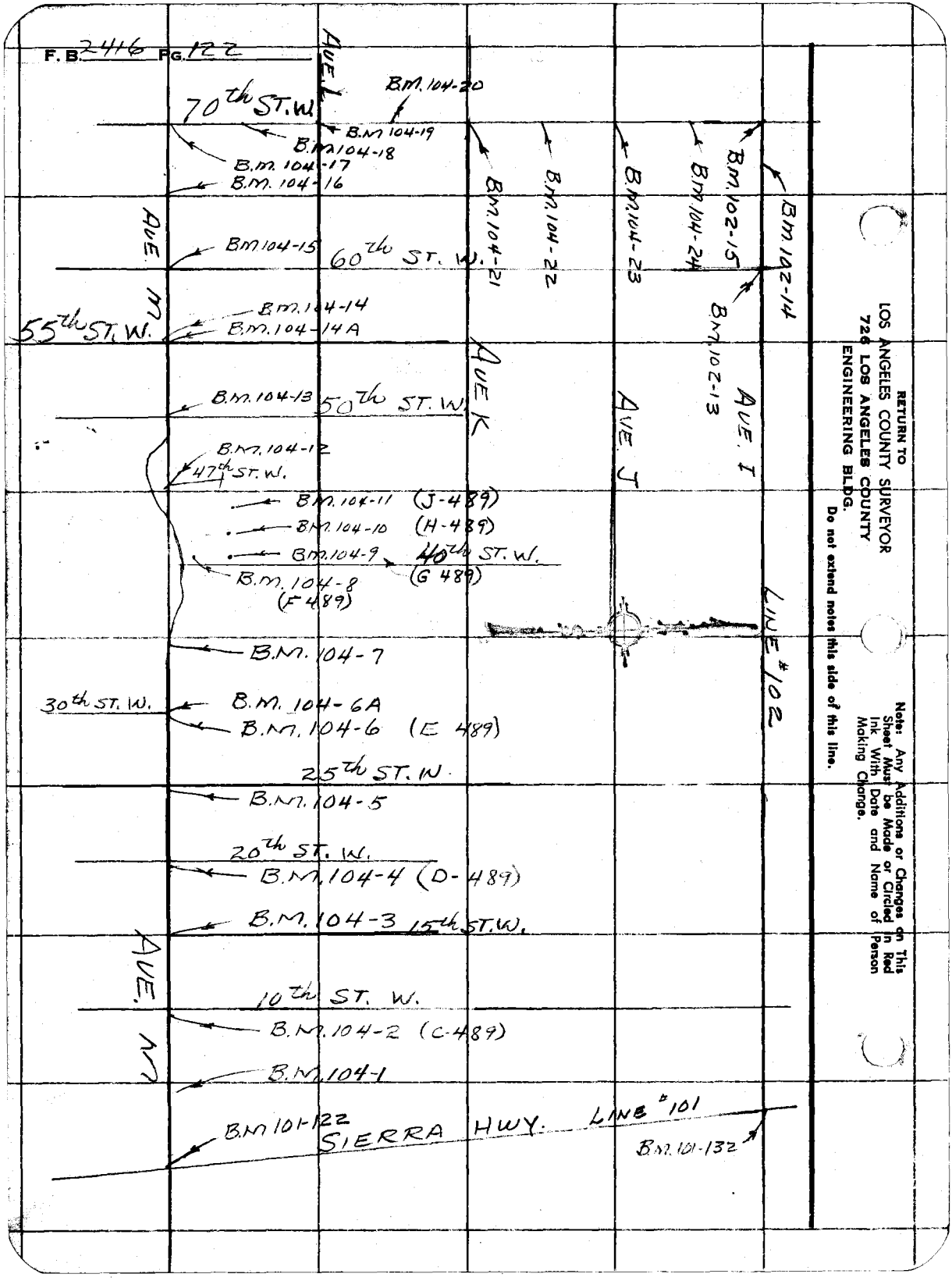
76F3095 S&E #247, 8-54


F. B. 2446 Pg. 122
70th ST. W.
60th ST. W.
55th ST. W.
50th ST. W.
47th ST. W.
40th ST. W.
30th ST. W.
25th ST. W.
20th ST. W.
15th ST. W.
10th ST. W.
AVE. M
AVE K
AVE J
AVE I
LINE #102
LINE #101
SIERRA HWY.
B.M. 104-20
B.M. 104-19
B.M. 104-18
B.M. 104-17
B.M. 104-16
B.M. 104-15
B.M. 104-14
B.M. 104-14A
B.M. 104-13
B.M. 104-12
B.M. 104-11 (J-489)
B.M. 104-10 (H-489)
B.M. 104-9 (G 489)
B.M. 104-8 (F 489)
B.M. 104-7
B.M. 104-6A
B.M. 104-6 (E 489)
B.M. 104-5
B.M. 104-4 (D-489)
B.M. 104-3
B.M. 104-2 (C-489)
B.M. 104-1
B.M. 104-21
B.M. 104-22
B.M. 104-23
B.M. 104-24
B.M. 102-15
B.M. 102-14
B.M. 102-13
B.M. 101-122
B.M. 101-132
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	L.A. CO. PRECISE LEVEL NET
Map No.	Survey No. 0301.02
Office Work	W.O. Tape No. St'd. °F
Checked	Surveyed by G. E. DREIER
Date	Notes G. E. DREIER Date 1-24-58
	Indexed [illegible]

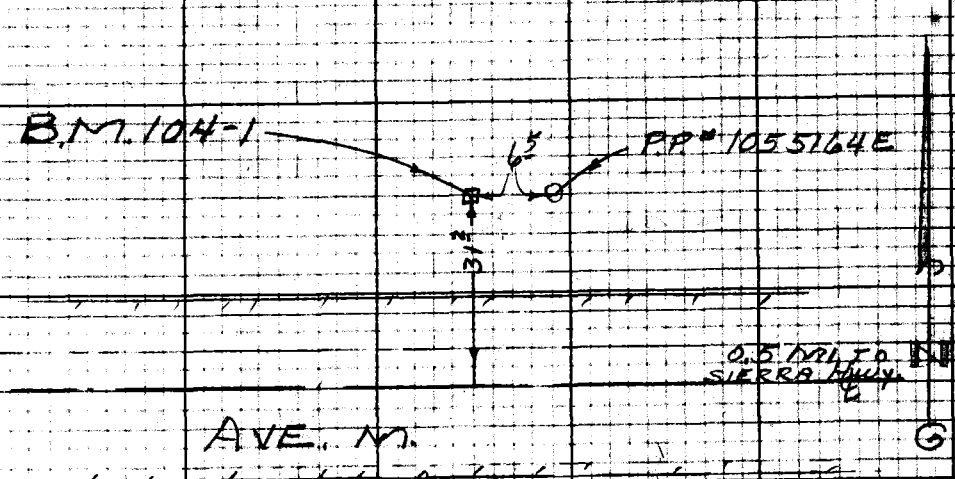
F. B. 2416 Pg. 123

B.M. 104-1

S. OF LANCASTER, AVE. M, 0.5 MI. W. OF SIERRA HWY, 31.2 FT. N. OF ℄, 6.5 FT. W. OF POWER POLE # 1055164E, A STD. CO. ENG. B.M. BRASS CAP STAMPED "B.M. 104-1 1958 R.E. 5869" IN TOP OF 12 INCH CONC. POST 4 INCHES ABOVE GROUND.

L.A. Co. 1958 Adj. El. 2532.321

3/29/67 Destroyed - R.C. Bowers F.B. 3726-~~136~~ 163



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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76F3095 247 10M 1-49

F. B. 2416 Pg. 124

B.M. 104-2 (C-489, 1955)

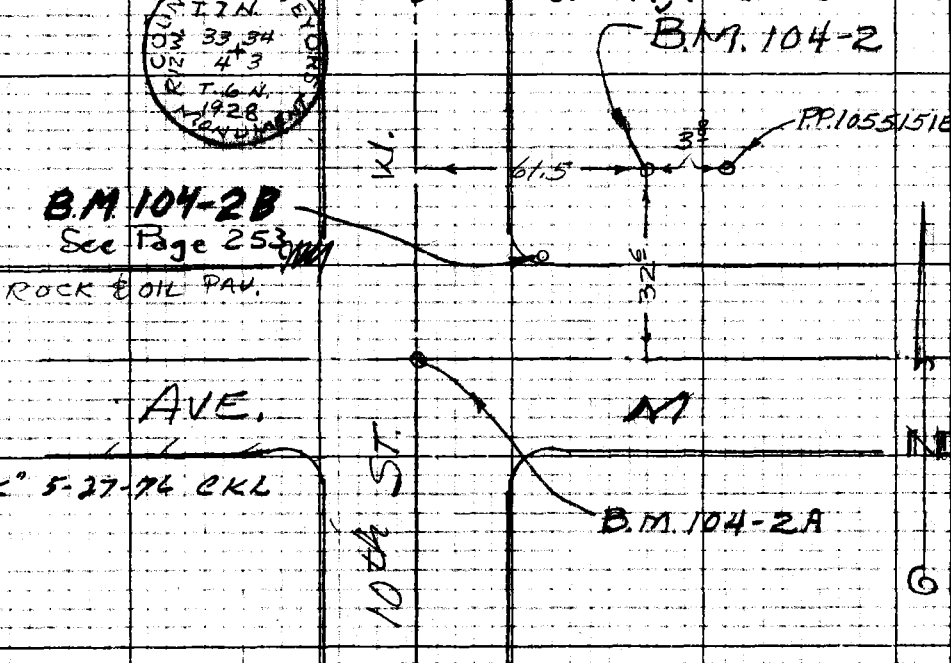
3.8 MI. S. ALONG THE SO. PAC. CO. R.R. FROM THE STATION AT LANCASTER, THENCE 1.1 MI. W. ALONG AVE. M, AT THE INTERSECTION OF 10th ST. W., 61.5 FT. E. OF THE ℄ OF THE STREET, ~~31½~~ 32.6 FT. N. OF THE ℄ OF THE AVE., 3.8 FT. W. OF POWER LINE POLE 1055151E, 1.5 FT. E. OF A WITNESS POST, ABOUT 1 FT. HIGHER THAN THE AVE., AND SET IN THE TOP OF A CONC. POST PROJECTING 0.3 FT ABOVE GROUND, A STD. U.S.C.&G.S. DISC STAMPED "C 489, 1955."

1958 L.A. Co. Adj. El. 2524.087

B.M. 104-2A

S.W. OF LANCASTER, AT AVE. M AND 10th ST. W., ℄ INTERSECTION, A STD. PRECAST MONUMENT STAMPED 21 INCHES DEEP UNDER CAST IRON COVER

1958 L.A. Co. Adj. El. 2522.252



"OK" 5-27-76 CKL

B.M. 104-2B

S.W. of Lancaster at Ave M & 10th St. W. N.E. Cor

B.S. in curb 2' W. of E. end curb return

1970 L.A. Co. Adj. El.

RETURN TO
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ENGINEERING BLDG.

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Notes Ck'd by
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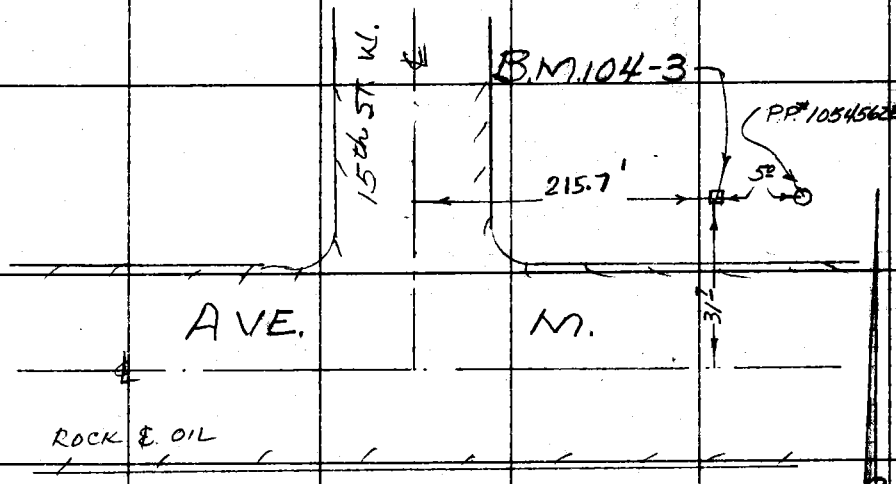
Office Work
Checked
Date

L.A. CO. PRECISE LEVEL NET
Survey of 2301.02
JN Tape Std °F
Surveyed by G. E. DREIER
Notes G. E. DREIER Date 1-24-58
Indexed C. Johnson

F. B. 2416 Pg. 125

B.M. 104-3.
S. OF LANCASTER, AVE. M. AND 15th ST. W.,
N.E. COR, 31.7 FT. N. OF ℄ AND 215.7 FT. E. OF ℄,
5.0 FT. W. OF POWER POLE #1064562E, A STD.
CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-3
1958 R.E. 5869" IN TOP OF 12 INCH CONC. POST
4 INCHES ABOVE GROUND
L.A. Co. 1958 Adj. El. 2518.059



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PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

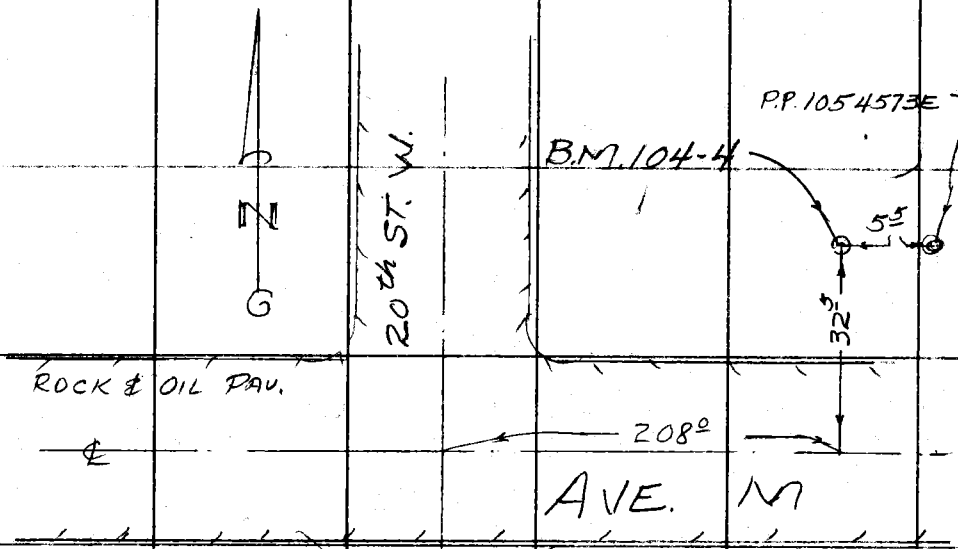
76F3098 S&E #247 1-36

F. B. 2416 Pg. 126

B.M. 104-4 (D-489, 1955)

3.8 MI. S. ALONG THE SO. PAC. CO. R.R. FROM THE STATION AT LANCASTER, THENCE 2.1 MI. W. ALONG AVE. M, AT THE INTERSECTION OF 20TH ST. W., 208 FT. E. OF THE ℄ OF THE ST, ~~33~~ 32.5 FT. N. OF THE ℄ OF THE AVE, 5.5 FT. W. OF POWER LINE POLE 1054573E, 2.1 FT. E. OF A WITNESS POST, ABOUT 1 FT. HIGHER THAN THE AVE, AND SET IN THE TOP OF A CONC. POST PROJECTING 0.3 FT. ABOVE THE GROUND, A STD. U.S.C. & G.S. DISC STAMPED "D 489 1955"

L.A. Co. Engr. 1958 Adj. El. 2522.756



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700 Los Angeles County Engineering Bldg.

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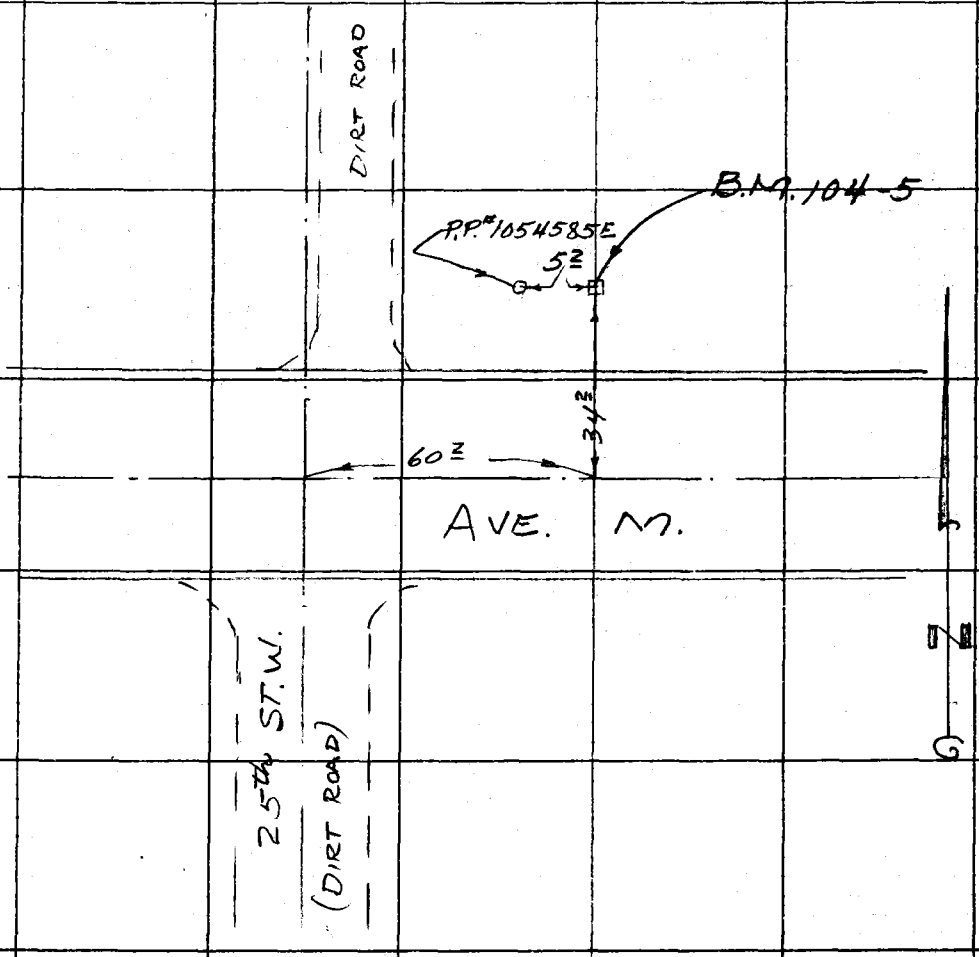
Notes Ck'd by	L.A. CO. PRECISE LEVEL NET	F. B. 2416 Pg. 127
Map No.	Survey of W.O. 230102 Tape No. St'd. °F	
Office Work	Surveyed by G. E. DREIER	
Checked	Notes G. E. DREIER Date 1-24-58	
Date	Indexed K. C. Johnson	

B.M. 104-5

S.W. OF LANCASTER, AT AVE. M AND 25th ST. W., 34.2 FT. N. AND 60.2 FT. E. OF ℄, 5.2 FT. E. OF POWER POLE #1054585E, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-5 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST 4 INCHES ABOVE GROUND.

L.A. Co. Engr. 1958 Adj. El. 2519.335



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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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76F3095 S&E #247. 8-54

F.B. 2416 Pg. 128

B.M. 104-6 (E 489, 1955)

S.W. OF LANCASTER, AT AVE. M AND 30th ST. W., 33.2 FT. N. AND 310 FT. E. OF ℄ INTER., A STD. U.S.C. & G.S. BRASS DISC STAMPED "E 489 1955" IN TOP OF A 12 INCH ROUND CONC. POST 4 INCHES ABOVE GROUND.

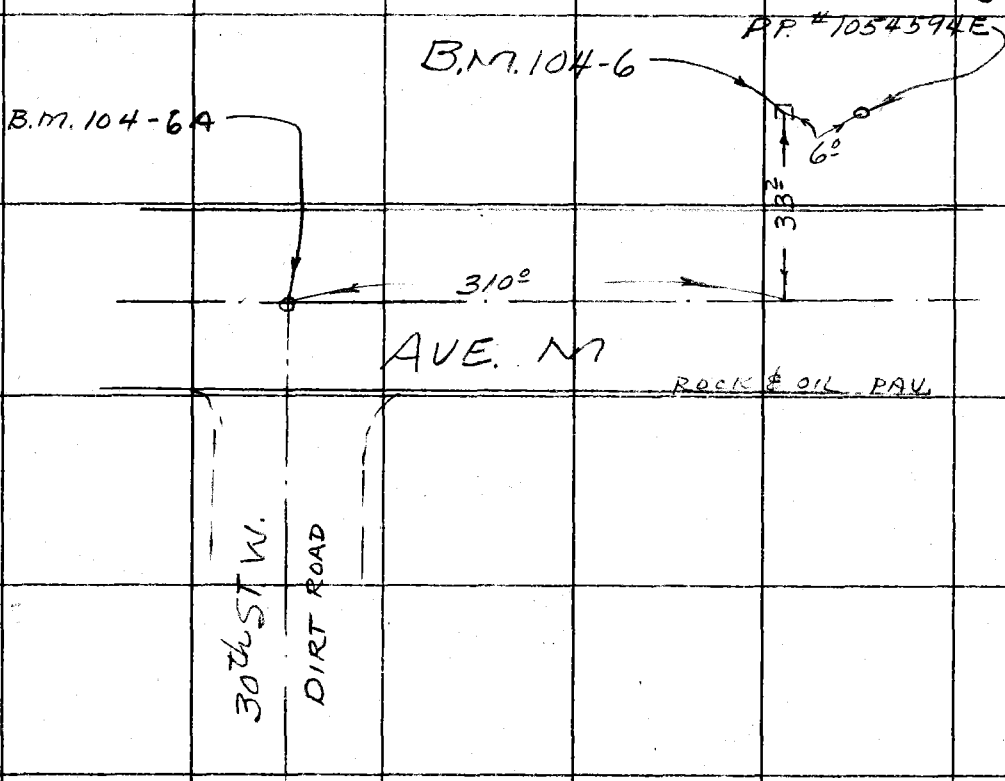
L.A. Co. Engr. 1958 Adj. El. 2519.723

B.M. 104-6A

S.W. of Lancaster, at 30th St. W. & Ave. M, & Intr. A Std. C.S. Mon. stamped "Sec. Cor: 31, 32, 6, 5, T. 7 N., T. 6 N., R. 12 W, 1928", DN. 26" in a well with a std. C.S. Cast Iron Cover

N.J.A.

L.A. Co. Engr. 1958 Adj. Elev. 2514.443



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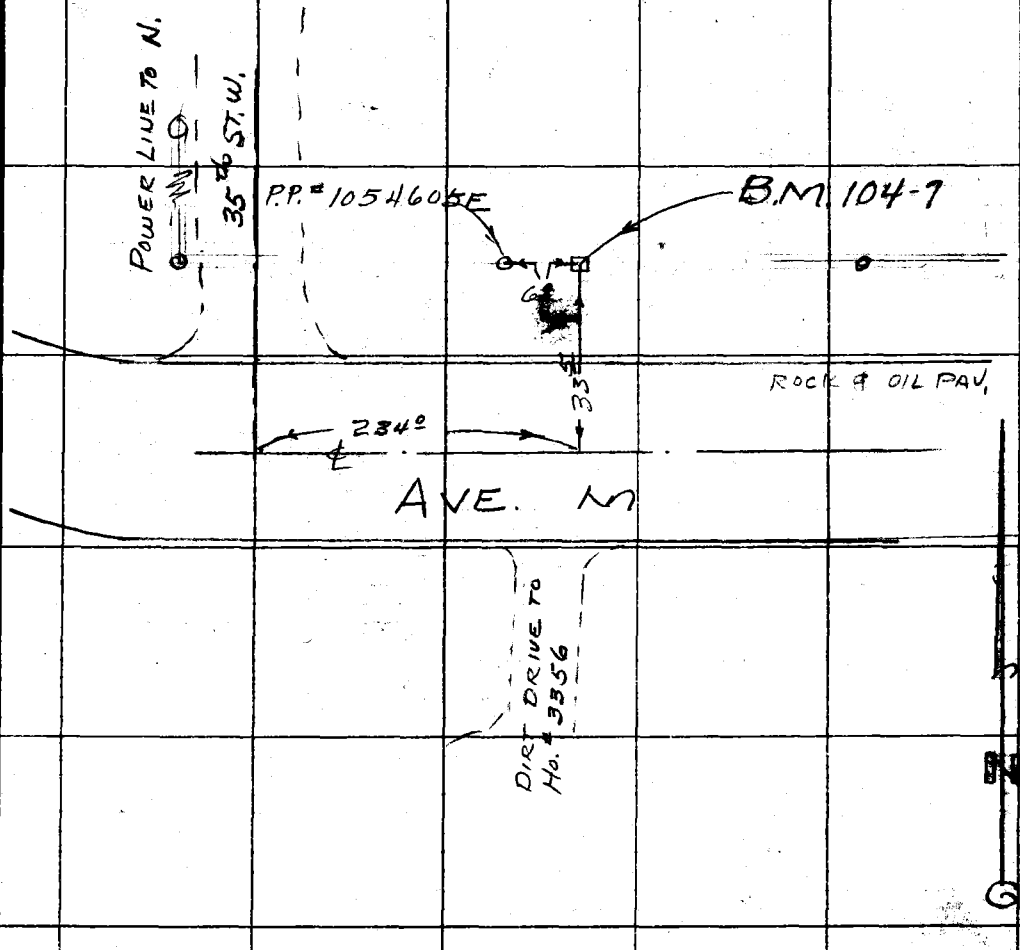
Notes Ck'd by	L.A. CO. PRECINE LEVEL NET
Map No.	W.O. 030102 Tape No. Sr'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 1-24-58
Date	Indexed C. Johnson

F.B. 2416 Pg. 129

B.M. 104-7

E. OF QUARTZ HILL, ON AVE. M, 0.5 MI. W. OF 30th ST. W., 33.5 FT. N. OF ℄, 6 FT. E. OF POWER POLE #1054605E, OPPOSITE DRIVEWAY TO HOUSE No. 3356, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-7 1958 RE. 5869" IN TOP OF A 12 INCH CONC. POST 5 INCHES ABOVE GROUND.

L.A. Co. Engr. 1958 Adj El. 2524.980



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726 LOS ANGELES COUNTY
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76F309S S&E #247. 8-54

F.B. 2416 Pg. 130

B.M. 104-8 (F-489 1955)

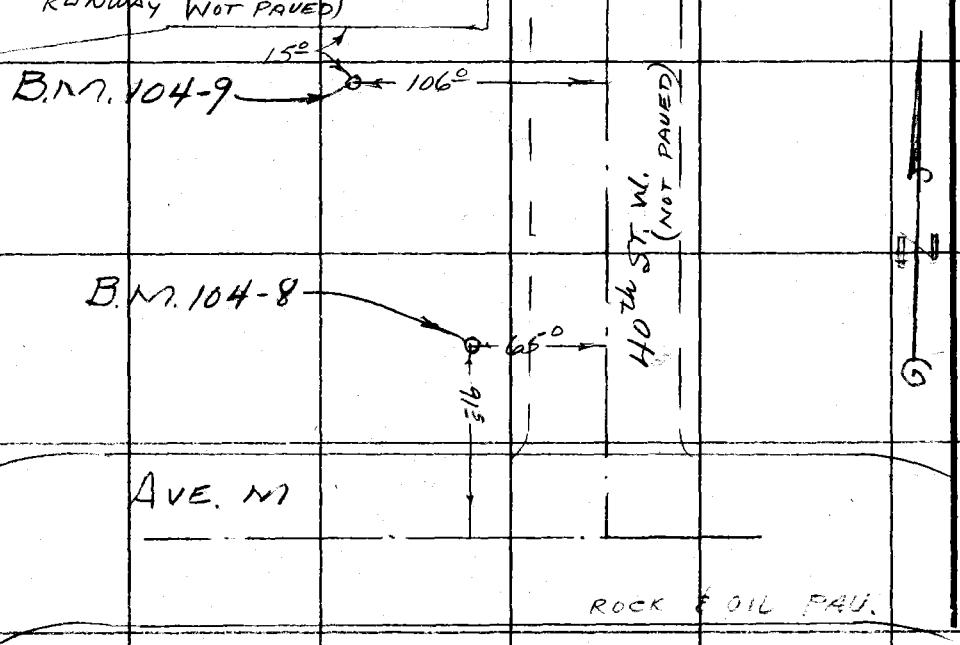
3.8 MI. S. ALONG THE So. PAC. CO. RR. FROM THE STATION AT LANCASTER, THENCE 4.2 MI. W. ALONG AVE. M (40th ST. W.) ~~AT THE CROSSING OF A PIPE LINE~~, AT THE "T" JCT. OF A DIRT ROAD, LEADING N., 91½ FT. N. OF THE ℄ OF THE AVE., ~~44~~ 65 FT. W. OF THE ℄ OF THE ROAD, 1.7 FT. E. OF A WITNESS POST, ABOUT 12 FT. LOWER THAN THE AVE., AND SET IN THE TOP OF A CONC. POST PROJECTING 0.4 FT. ABOVE THE GROUND, A STD. U.S.C.&G.S. DISC STAMPED "F 489 1955." (NOTE PIPE LINE NOT EVIDENT)

L.A. Co. Engr. 1958 Adj. Elev. ~~2494.480~~ 2493.650

B.M. 104-9 (G 489 1955)

3.8 MI. S. ALONG THE So. PAC. CO. R.R. FROM THE STATION AT LANCASTER, THENCE 4.2 MI. W. ALONG AVE. M, THENCE 0.1 MI. N. ALONG A DIRT ROAD (110th ST. W.), ~~ALONG A PIPE LINE~~, AT QUART HILL AIR PORT, AT THE E. END OF THE E.-W. RUNWAY, A BOUT 0.5 MI. E. OF THE HANGAR, ~~84~~ 150± FT. S. OF THE ℄ OF THE RUNWAY, ~~82½~~ 106 FT. W. OF THE ℄ OF THE ROAD, 2.3 FT. E. OF A WITNESS POST, ABOUT LEVEL WITH THE RUNWAY, AND SET IN THE TOP OF A CONC. POST PROJECTING 0.5 FT. ABOVE THE GROUND, A STD. U.S.C.&G.S. DISC STAMPED "G 489 1955". (NOTE: PIPE LINE NOT EVIDENT)

L.A. Co. Engr. 1958 Adj. Elev. 2470.008



RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
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Office Work
Checked
Date

L. A. CO. PRECISE LEVEL NET F. B. 2416 Pg. 131

Survey of
W. O. 0301.02 Tape No. St'd. °F
Surveyed by G. E. DREIER
Notes E. E. DREIER Date 3-5-58
Indexed

B.M. 104-10 (H 489 1955)

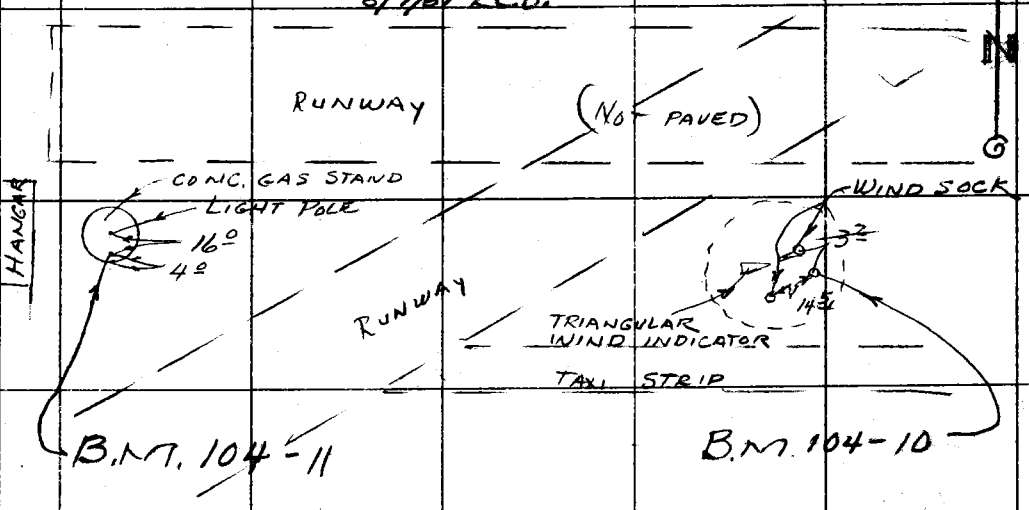
AT QUARTZ HILL AIRPORT, ABOUT 0.3 MI. E. OF THE HANGAR, AT THE WINDINDICATOR AND WIND SOCK, 90 FT. S. OF THE S. EDGE OF THE E.-W. RUNWAY, 66 FT. N. OF THE N. EDGE OF THE TAXI-WAY, ~~3.2~~ 14.5 FT. ~~S.E.~~ N.E. OF A 2 INCH IRON PIPE SUPPORTING THE WIND SOCK, 1.5 FT. W. OF A WITNESS POST, ABOUT LEVEL WITH THE RUNWAY, AND SET IN THE TOP OF A CONC. POST PROJECTING 0.5 FT. ABOVE GROUND, A STD. U.S.C. & G.S. DISC STAMPED "H 489 1955".

L.A.Co. Engr 1958 Adj. Elev. 2452.969

B.M. 104-11 (J 489 1955)

AT QUARTZ HILL AIRPORT, 150 FT. E. OF THE S.E. COR. OF THE HANGAR, IN THE TOP OF THE S. SIDE OF A ROUND CONC. FOUNDATION FOR A GAS STAND, 14 FT. S. OF A 6 INCH STEEL LIGHT POST, 4.0 FT. N. OF THE S. EDGE OF THE FOUNDATION, ABOUT LEVEL WITH THE RUNWAY, A STD. U.S.C. & G.S. DISC STAMPED "J 489 1955".

L.A.Co. Engr 1958 Adj. Elev. 2452.396
Removed by U.S.C. & G.S.,
Reset in Hanger, 1967, See F.B. 3726-189
8/7/67 R.C.B.



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RETURN TO
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726 LOS ANGELES COUNTY
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76F3095 S&E #247. 8-54

F. B. 2416 PG. 132

B.M. 104-12

QUARTZ HILL, AT AVE. M AND 47th ST. W., 28 FT. S. OF CENTER OF PAVEMENT ABOUT 41 FT. W. OF CENTER OF THE INTERSECTION, 3.5 FT. W. OF POWER POLE NO. 168073E, A. STD CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-12 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST 4 INCHES ABOVE GROUND.

L.A.C. Engr. 1858 Adj.: Elev. 2529.072'

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720 LOS ANGELES COUNTY
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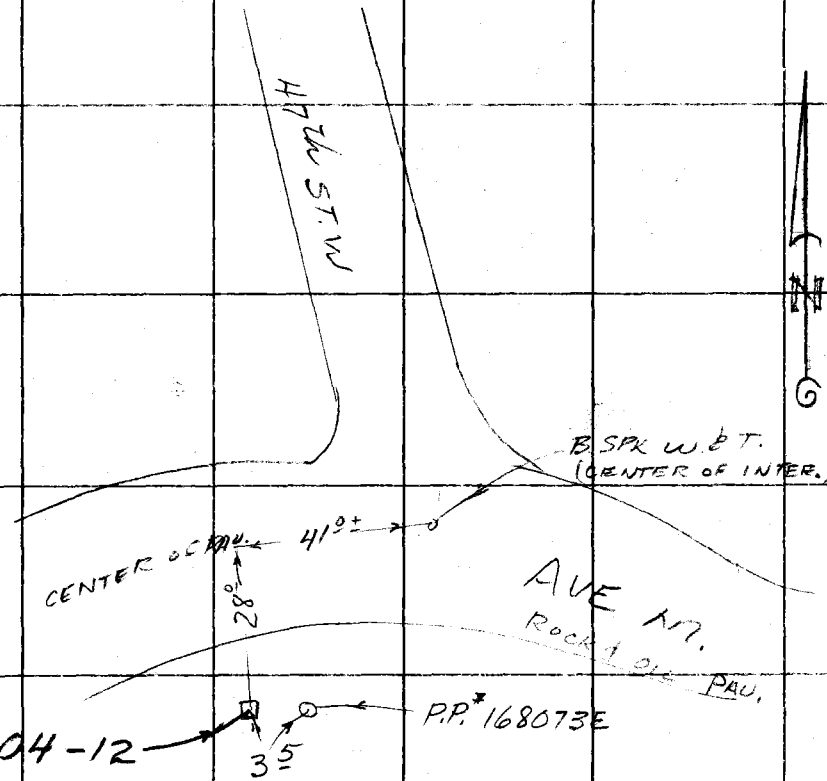


Notes Ck'd by
Map No.
Office Work
Checked
Date

L.A. CO. PRECISE LEVEL NET F. B. 24116 Pg. 133

Surveyed by E. F. DREIER
W. O. 8301.02 Tape No. St'd. °F
Notes E. F. DREIER Date 3-5-58
C. Johnson
Indexed

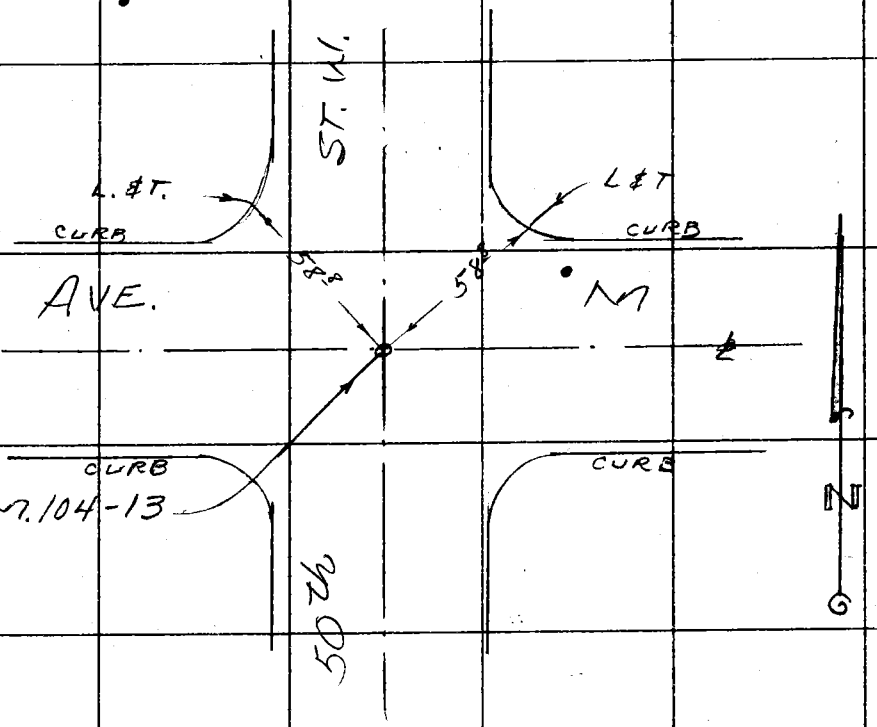
B.M. 104-13

QUARTZ HILL, AT AVE. M AND 50th ST. W., & INTERSECTION A STD PRECAST MON. STAMPED

COUNTY SURVEYORS MONUMENT 1927 T. 7 N. R. 13 W. 35 36 2 1 R. 14 W. T. 6 N.

14 INCHES BELOW THE SURFACE UNDER CAST IRON COVER.

L.A. Co. Engr. 1958 Adj. Elev. 2490.818



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726 LOS ANGELES COUNTY
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76F309S S&E #247, 8-54

F.B. 2416 PG. 134

B.M. 104-14A

QUARTZ HILL, AT AVE. M AND 55th ST. W., ℄ INTERSECTION A STD. PRECAST MON. STAMPED 17 INCHES BELOW THE SURFACE UNDER CAST IRON COVER

L.A. Co. Engr. 1958 Adj. El. 2496.152

COUNTY SURVEYOR T.7 N. 35 + 2 T.6 N. R.13W. R.E. 2177

B.M 104-14

QUARTZ HILL, AT AVE. M AND 55th ST. W., 38.5 FT. S. OF ℄ AND 37 FT. W. OF ℄, 14 FT. S.W. OF POWER POLE No. 468828 E, A STD Co. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-14 1958 RE 5869" IN TOP OF A 12 INCH CONC. POST 4 INCHES ABOVE GROUND.

L.A. Co. Engr. 1958 Adj. El. 2500.869

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720 LOS ANGELES COUNTY ENGINEERING BLDG.
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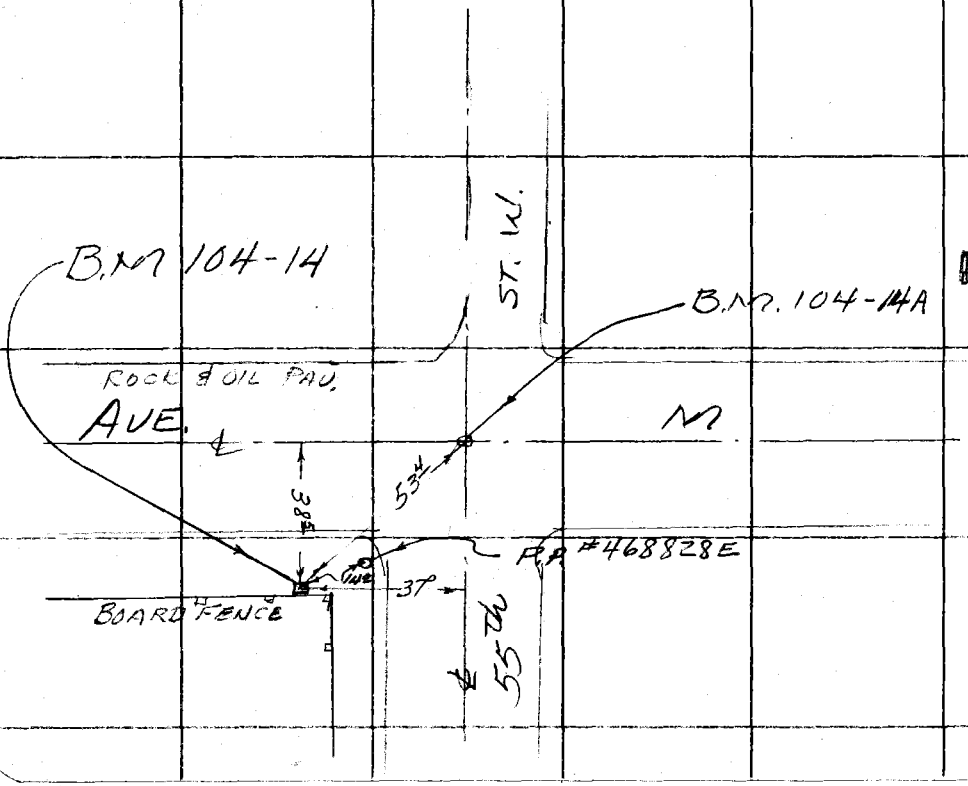


Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET B. 2416 Pg. 135
Map No.	W. O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 3-5-58
Date	Indexed A. C. Johnson

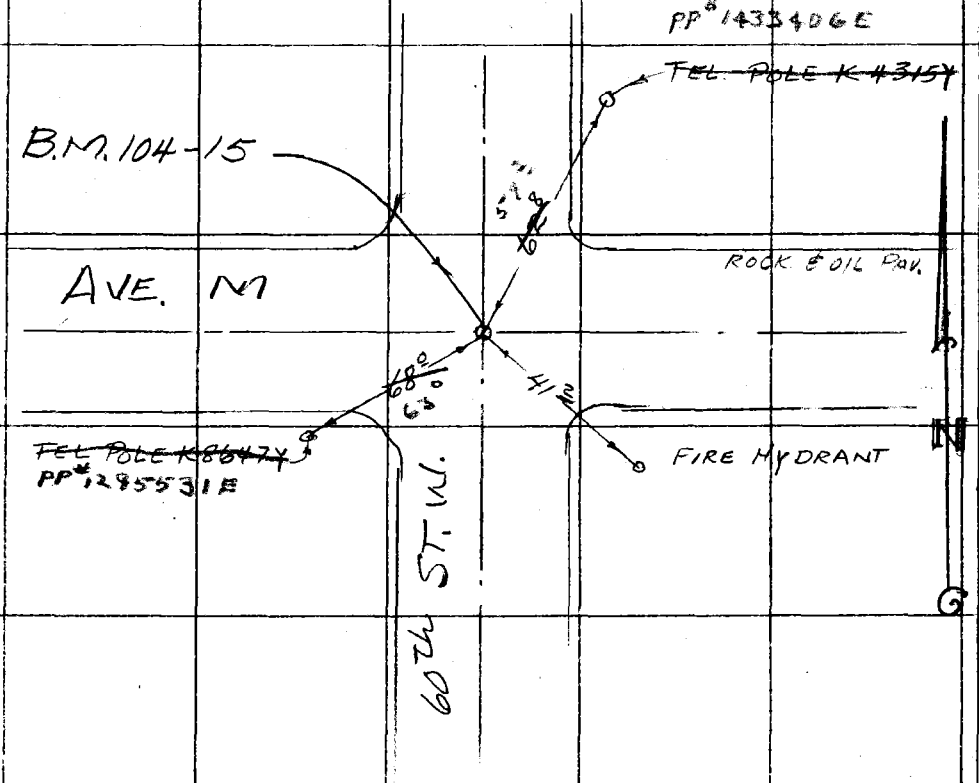
B.M. 104-15

W. OF QUARTZ HILL, AT AVE. M AND 60th ST. W., ℄ INTERSECTION, A STD. PRECAST MON. STAMPED 21 INCHES BELOW THE SURFACE UNDER CAST IRON COVER

L.A. Co. Engr 1958 Adj. El. 2513.434

NOTE: Tel. Poles # K1295531E & T.P. # 4315Y are gone. J.M.M. 4-27-67

COUNTY SURVEYORS MONUMENT R13W. T.7N. 34 35 3 2 T.6N. 1927



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RETURN TO
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726 LOS ANGELES COUNTY
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76F309S S&E #247. 8-54

F.B. 2416 PG. 136

B.M. 104-16

W. OF QUARTZ HILL, ON AVE. M, 0.5 MI. W. OF 60th ST. W., 31.3 FT. S. OF CENTER OF PAVEMENT, ~~10.3 FT. S. OF~~ (Removed) TEL POLE, 1.2 FT. W. OF A WHITE WITNESS POST, A STD CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-16 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST, 5 INCHES ABOVE GROUND

L.A. Co. Engr. 1958 Adj. Elev. 2566.670

NOTE: Fd. T.P. K1032TY, 3E N.W'LY.

RETURN TO
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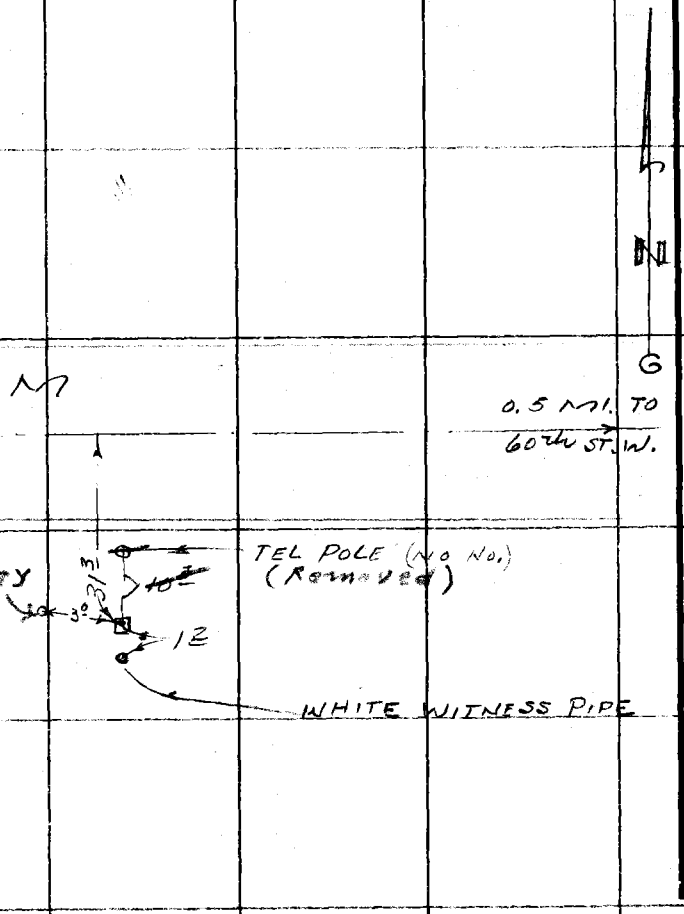

Notes Ck'd by	L.A. CO. PRECISE LEVEL NET	F.B. 2416 Pg. 137
Map No.	Survey of	
Office Work	W.O. 0301.02 Tape No. St'd. °F	
Checked	Surveyed by G. E. DREIER	
Date	Notes G. E. DREIER Date 3-5-58	
	Indexed ~~J. C. Johnson~~	

B.M. 104-17

W. OF QUARTZ HILL, AT AVE. M AND 70th ST. W., 195 N.E'LY. 75.5 FT. N. AND 44 FT. W. OF ℄, ~~3.3 FT. N. OF~~ POWER POLE NO. ~~11838LZE~~ 1421929E (Gone), A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-17 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST 5 INCHES ABOVE GROUND.

L.A.C. Engr. 1958 Adj. El. 2609.637

NOTE P.P. #11838LZE is Gone

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726 LOS ANGELES COUNTY
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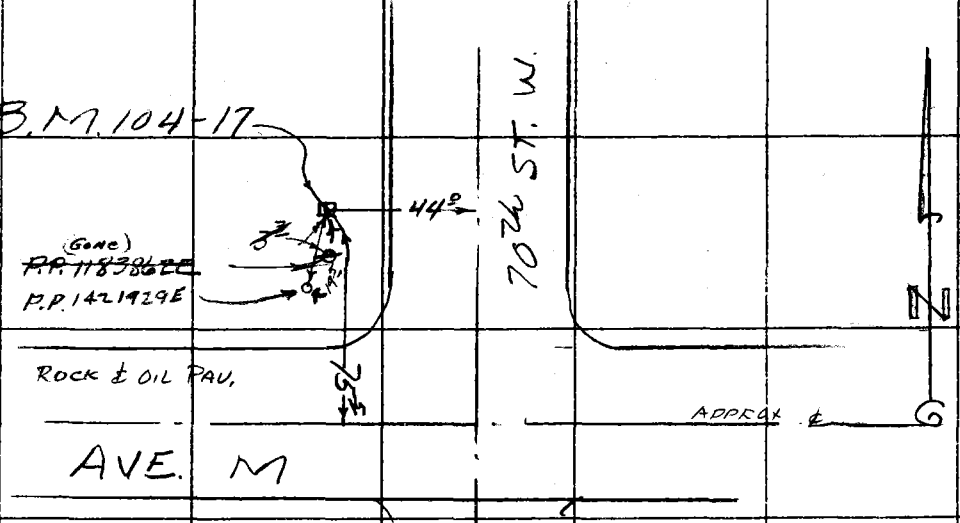


76F309 S&E #247. 8-54

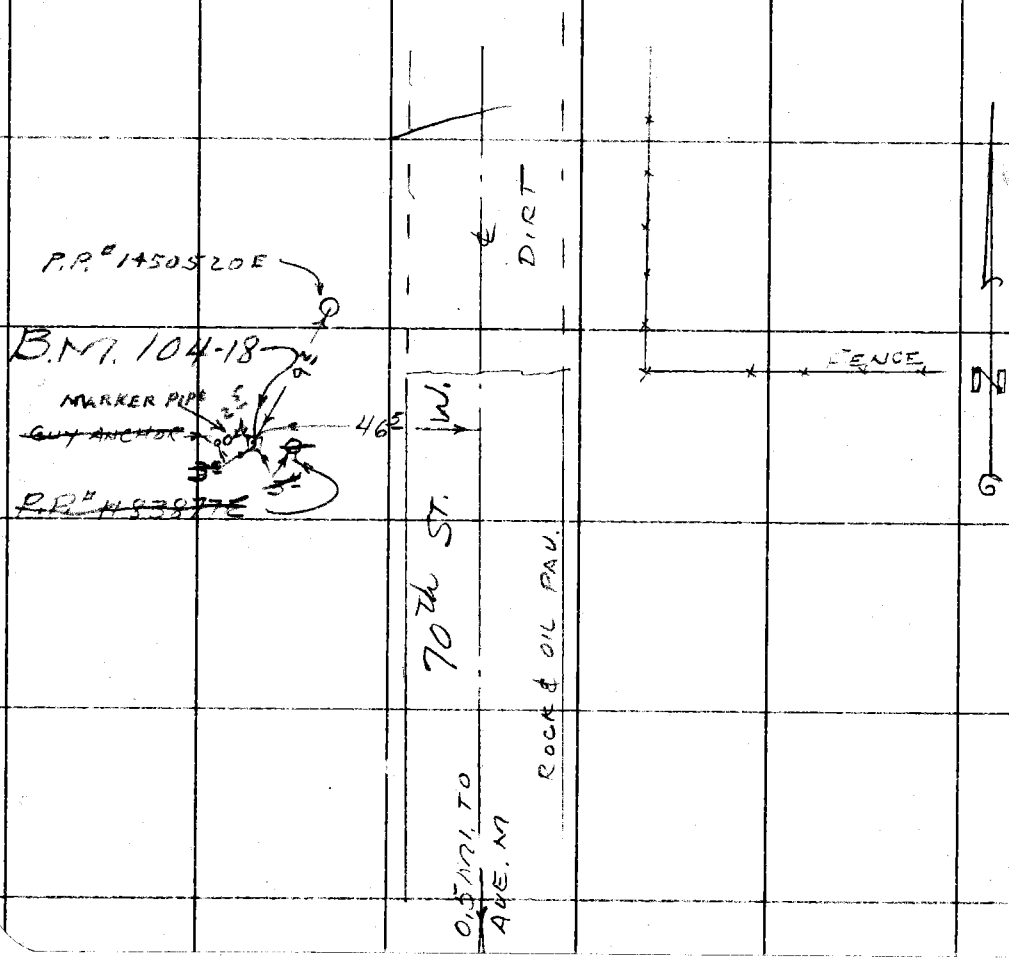
F.B. 2416 PG. 138

B.M. 104-18

W. OF QUARTZ HILL ON 70th ST. W., 0.5 MI. N. OF AVE. M, 46.5 FT. W. OF ℄, ~~3.4 FT. W.~~ 9½ N.E. Ply OF POWER POLE NO ~~1183877E~~ 1450520E, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-18 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST, 5 INCHES ABOVE GROUND

L.A. Co. Engr. 1958 Adj. El. 2515.112

NOTE. Set Yellow MARKER PIPE 2½ West. P.P. 1183877E & Guy Anchor are Gone.



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	L.A.CO. PRECISE LEVEL NET	F.B. 2416 Pg. 139
Map No.	Survey of 9301.02	
Office Work	W. O. Tape No. St'd. °F	
Checked	Surveyed by G. E. DREIER	
Date	Noted G. E. DREIER Date 2-26-58	
	Indexed K. C. Johnson	

B.M. 104-19

N.W. OF QUARTZ HILL, AT 70TH ST. W. AND AVE. L, 28 FT. W. OF ℄, 78 FT. S. OF ℄, ~~5 FT N. OF POWER POLE #1838926~~, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-19 1958 R.E. 5869" IN TOP OF CONC. POST 4 INCHES ABOVE GROUND.

L.A. Co. Engr. 1958 Adj. El. 2444.613

4-10-69 See FB 2416-252 Mon Disturbed

NOTE: P.P. #1838926E IS GONE. See F.B. 3726-109 FOR TIES TO BM 104-19A B.M.M. 4-26-69

BM 104-19A

Quartz Hill, AVE L & 70TH ST. W. & INT. FD. 2½" BRASS DISC C.S. MON. 12" DN. IN WELL & CAP MARKED AS SHOWN

COUNTY SURVEYORS MONUMENT T7N R13W 28 27 33 34 1927

PP #1838926E

AVE. L

70TH ST. W.

(DIST)

78'

28'

BM 104-19

~~PP #1838926E~~

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

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76F309S S&E #247. 8-54

F.B. 2416 PG. 140

B.M. 104-20

N.W. OF QUARTZ HILL, ON 70th ST. W.
0.5 MI. N. OF AVE. L, AT A DIRT ROAD TO
E. TO A FARM HOUSE AND W. TO A FIELD,
28 FT. W. OF ℄, 4.4 FT. W. OF POWER POLE
No. 632503E, A STD. CO. ENGR. B.M. BRASS CAP
STAMPED "B.M. 104-20 1958 R.E. 5869" IN
TOP OF A 12" CONC. POST 6 INCHES ABOVE GROUND.

L.A. Co. Engr. 1958 Adj. Elev. 2401.949 ✓

NOTE: BM 104-20 was destroyed by apparent street widening.
4-27-67 J. Lunn

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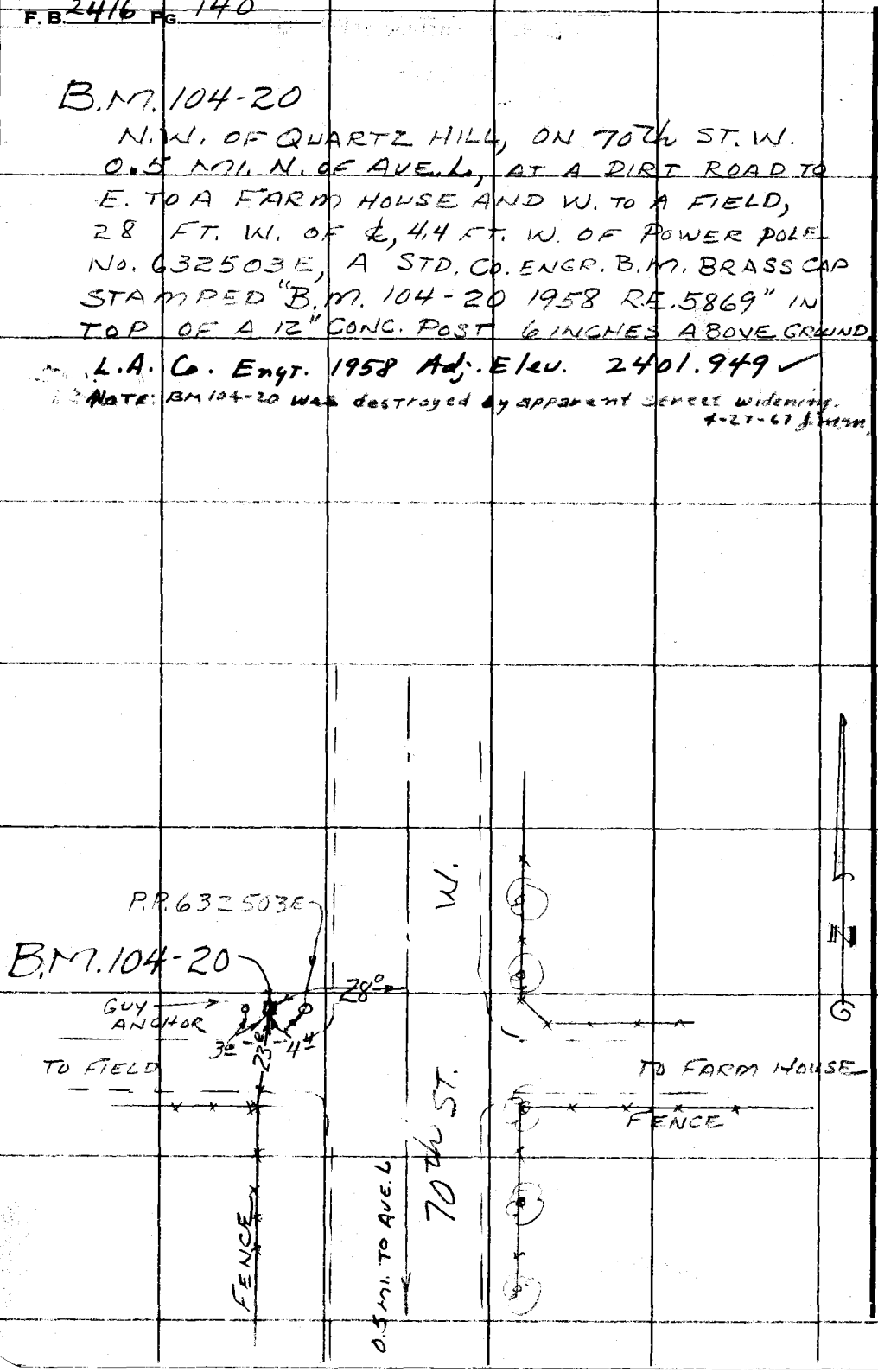


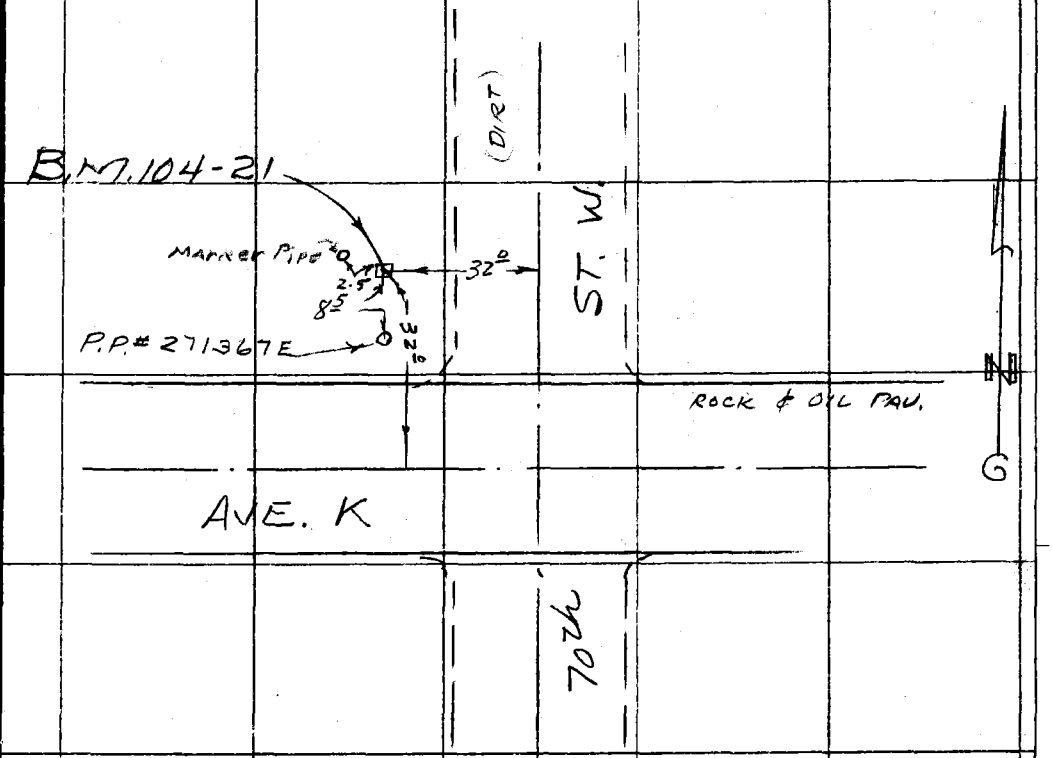
Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NET F. B. 2416 PG. 141
Map No.	W. O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 3-4-58
Date	Indexed K. C. Johnson

B.M. 104-21

WEST OF LANCASTER, AT 70th ST. W. AND AVE. K, 32 FT. N. AND 32 FT. W. OF ℄ INTERSECTION, 8.5 FT. N. OF POWER POLE # 271367E, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-21 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST 5 INCHES ABOVE GROUND.

L.A.Co. Engr. 1958 Adj. Elev. 2378.303 ~~2401.949~~

Set Marker pipe 2.5 N.W.ly 4-27-67



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76F3095 S&E #247. 8-54

F. B. 2416 Pg. 142

B.M. 104-22

W. OF LANCASTER, ON 70th ST. W., 0.55 MI. N. OF AVE K, 240 FT. N. OF COR. OF FENCE TO W., 30 FT. W. OF CENTER OF DIRT ROAD, 6.5 FT. W. OF POWER POLE NO. ~~5385214~~ 1373695E, 0.5 FT. E. OF FENCE, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-22 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST 5 INCHES ABOVE GROUND.

L.A. Co. Engr. 1958 Adj. El. 2362.249

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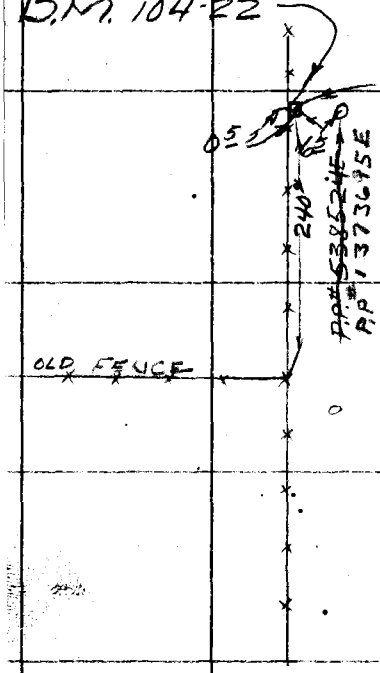
B.M. 104-22



N

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	W. 8301.02 Tape No. St'd °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 3-4-58
Date	Indexed K. C. Johnson

F. B. 2416 Pg. 143

B.M. 104-23

W. OF LANCASTER, AT 70th ST. W. AND AVE. J, 30.5 FT. W. AND 55.8 FT. S. OF ℄, 23.6 FT. S. OF POWER POLE No. 800845E, 0.5 FT. E. OF A FENCE, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-23 1958 RE 5869" IN TOP OF A 12 INCH CONC. POST 5 INCHES ABOVE GROUND.

L.A.Co. 1958 Adj. El. 2358.472

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

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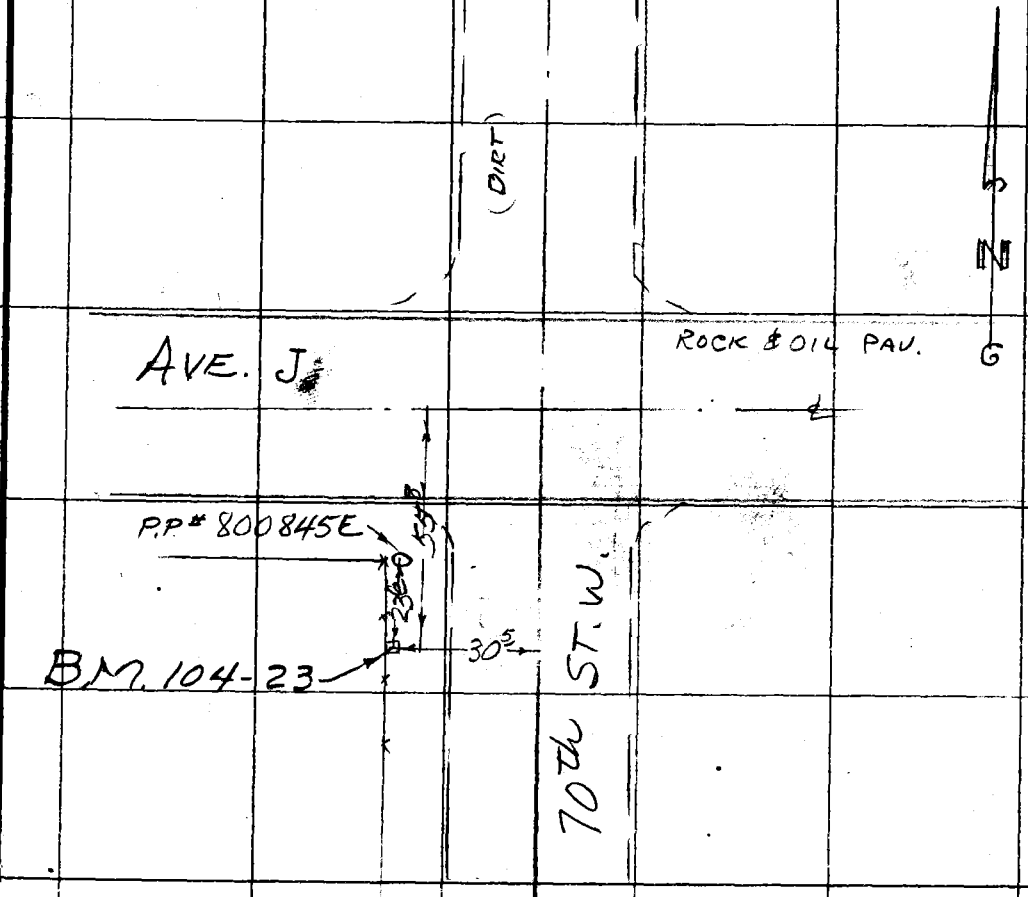

76F3095 S&E #247. 8-54

F.B. 2416 PG. 144

B.M. 104-24

W. OF LANCASTER, ON 70 2/4 ST. W., 0.55 MI. N. OF AVE. J, AT N.W. COR. OF A PRIVATE ST. TO W. (POSSIBLY AVE. I-7) 26 FT. W. AND 24.5 FT. N. OF CENTERS OF UNPAVED STS. 5.5 FT. W. OF POWER POLE NO. 1190759E A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 104-24 1958 R.E.5869" IN TOP OF A 12 INCH CONC. POST 5 INCHES ABOVE GROUND.

L.A. Co. 1958 Adj. El. 2360.149

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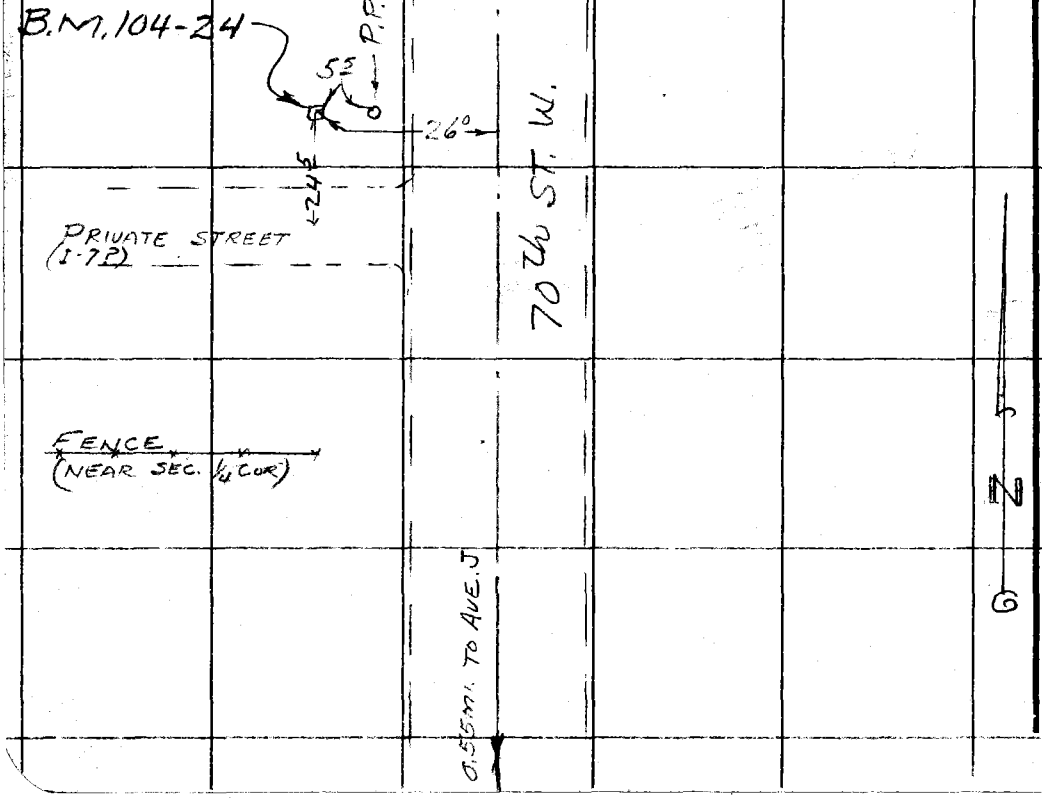

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr 142552
Notes by G.E.DREIER Time 10:10 TO 10:40 Rod No. 15 & 16

Name L. A. CO PRECISE LEVEL NET
Job No. 030102
From B.M. 101-122 To B.M. 104-1
Date 2-26-58
Indexed 3-26-58 C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.038		641		#15	6551		628		B.M. 101-122 (FF 487, 1955)
	4.397		643			5.923		629		SIERRA HWY & AVE M.
	3.754		1.284			5.294		1.257		SEE F.B. 2410 FOR DESC
1	13.189	4.396		1.284	52°	17.768	5.923		1.257	
	5968		630			5.550		629		T J. MOODY
	5.338		629			4.921		630		
	4.709		1.259			4.291		1.259		
2	16.015	5.338		2.543		14.762	4.921		2.516	
	6.288		632			5.803		629		
	5.656		631			5.174		629		
	5.025		1.263			4.545		1.258		
3	16.969	5.656		3.806		15.522	5.174		3.774	
	6473		631			6.022		630		
	5.842		633			5.392		630		
	5.209		1.264			4.762		1.260		
4	17.524	5.841		5.070		16.176	5.392		5034	
	5.821		634			5.738		628		
	5.187		636			5.110		628		
	4.551		1.270			4.482		1.256		
5	15.559	5.186		6.340		15.330	5.110		6.290	
		26.417					26.520			

F.B. 2416, P.G. 151

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No D301.02
From B.M. 101-122 To B.M. 104-1
Date 2-26-58
Indexed C. Johnson

F.B. 2416 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
	6028	26.417	628	6.345		5687	26.520	629	6.290	
	5,400		626			5.058		630		
	4.774		1.254			4.428		1.259		
6	16.202	5.401		7.594		15.173	5.058		7.549	
	6523		627			5187		629		
	5.896		628			4.558		630		
	5.268		1.255			3.928		1.259		
7	17.687	5.896		8.849		13.673	4.558		8.808	
	6.679		625			5.208		630		
	6.054		625			4.578		628		
	5.429		1.250			3.950		1.258		
8	18.162	6.054		10.099		13.736	4.579		10.066	
	6.478		628			5.482		627		
	5.850		629			4.855		627		
	5.221		1.257			4.228		1.254		
9	17.549	5.850		11.356		14.565	4.855		11.320	
	6.372		625			5.685		633		
	5.747		626			5052		630		
	5.121		1.251			4.422		1.263		
10	17.240	5.747		12.607		15.159	5.053		12.583	
	55.365					50.623				

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 NF 142552
Notes by G. E. DREIER Time 10:10 TO 10:40 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 030,02
From B.M. 101-122 To B.M. 104-1
Date 2-26-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5324	55.365	302	12.607		5.432	50.623	301	12.585	
	5.022		304			5,131		303		B.M. 104-1
	4.718		606			4.828		604		AVE M. 0.5 MI. W. OF SIERRA HWY
11	15,064	5.021		13,213		15,391	5.130		13,187	SEE F.B. 2416-123 FOR DESC.
									13.213	
									26.400	
									=0.50 MI.	
										SUMMATION OF RUN
										B.M. 101-122 TO B.M. 104-1
										TOTAL BACKSIGHTS +60.386
										TOTAL FORESIGHTS -55.753
										DIFF IN ELEVATION +4.633
										F.B. 2416 PG. 153
		60.386					55.753			

76P526 S & E #379 1-54

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Chief of Party [redacted] E. DREIER Weather CLEAR BREEZE Inst. No. NK142552
Notes by T. OHASHI Time 1:10 TO 1:40 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-1 To B.M. 101-122
Date 2-27-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5851		356		#15	4682		297		B.M. 104-1
	5495		356			5385		297		AVE. No 0.5 MI. W. OF SIERRA HWY.
	5139		712			5088		594		SEE F.B. 2416-123 FOR DESC.
1	16.485	5.495		712		16.155	5.385		594	
	5593		632			6278		626		T J. MOODY
	4961		632			5652		626		
	4329		1264			5027		1251		
2	14.883	4.961		1976		16.957	5.652		1845	
	5274		602			6323		655		
	4672		600			5668		656		
	4072		1202			5012		1311		
3	14.018	4.673		3178		17.003	5.668		3156	
	5092		630			6461		624		
	4462		630			5837		626		
	3832		1260			5311		1250		
4	13.386	4.462		4438		17.809	5.936		4406	
	5067		630			6401		626		
	4437		630			5775		627		
	3807		1260			5198		1253		
5	13.311	4.437		5698		17.324	5.775		5659	
			24.028					28.416		

F.B. 2416 P.G. 154

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-BREEZE Inst. No Nr. 142552
Notes by T. OHASHI Time 1:10 TO 1:40 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 104-1 To B.M. 101-122
Date 2-27-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5491	24.028	630	5598		5825	28.416	626	5259	
	4861		631			5203		625		
	4230		1261			4578		1251		
6	14552	4861		6959		15610	5203		6910	
	5820		631			5898		633		
	5189		631			5265		633		
	4558		1262			4632		1266		
7	15567	5189		8221		15795	5265		8176	
	6058		630			6508		631		
	5428		630			5877		630		
	4798		1260			5247		1261		
8	16284	5428		9481		17632	5877		9637	
	5732		631			6212		630		
	5101		629			5582		630		
	4472		1260			4952		1260		
9	19305	5102		10741		16746	5582		10677	
	5577		632			5790		628		
	4945		632			5362		629		
	4313		1264			4733		1257		
10	14835	4945		12005		16085	5362		11954	
	49553					55705				

F.B. 2416, P.G. 55

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. Nr. 142552
Notes by T. OHASHI Time 1:10 TO 1:40 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-1 To B.M. 101-122
Date 2-27-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6469	49.553	617	12.005		4979	55.705	654	11954	
	5852		615			4325		652		B.M. 101-122
	5237		1232			3673		1306		SIERRA HWY & AVE. M.
11	17.558	5.853		13.237		12.977	4.326		13.260	SEE F.B. 2410 FOR DESC.
									13.237	
									26.497	
									0.50 mi	
										SUMMATION OF RUN
										B.M. 104-1 TO B.M. 101-122
										TOTAL BACKSIGHTS +55.406
										TOTAL FORESIGHTS -60.031
										DIFF IN ELEVATION -4.625
		55.406					60.031			

F.B. 2416 P.G. 156

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NR 14
Notes by G. E. DREIER Time 10:40 TO 11:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M.104-1 To B.M.104-2 A
Date 2-26-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.838		628		15	5.918		629		B.M.104-1
	4.210		626			5.289		628		AVE. M, 0.5M. W. OF SIERRA HWY
	3.584		1.254			4.661		1.257		SEE F.B. 2416-123 FOR DESC.
1	12.632	4.211		1.254	54°	15.868	5.289		1.257	
	3.947		632			5.064		621		
	3.315		634			4.443		620		T T. OHASHI
	2.681		1.266			3.823		1.241		
2	9.943	3.314		2.520		13.330	4.443		2.498	
	6.339		630			5.540		630		
	5.709		629			4.910		630		
	5.080		1.259			4.280		1.260		
3	17.128	5.709		3.779		14.730	4.910		3.758	
	5.099		630			6.210		637		
	4.469		627			5.573		634		
	3.842		1.257			4.939		1.271		
4	13.410	4.470		5.036		16.722	5.574		5.029	
	3.820		625			4.378		628		
	3.195		625			3.750		627		
	2.570		1.250			3.123		1.255		
5	9.585	3.195		6.286		11.251	3.750		6.284	
	20.899					23.966				

F.B. 2416 P.G. 157

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party B. E. DREIER Weather CLEAR Inst. No Nr. 142552
Notes by G. E. DREIER Time 10:40 TO 11:15 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-1 To B.M. 104-2 A
Date 2-26-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.958	20.899	6296.286			5.667	23.966	6286.284		
	5.329		627			5.039		629		
	4.702		1.256			4.410		1.257		
6	15.989	5.330		7.542		15.116	5.039		7.541	
	4.928		631			6.444		626		
	4.297		630			5.818		628		
	3.667		1.261			5.190		1.254		
7	12.892	4.297		8.803		17.452	5.817		8.795	
	4.490		622			7.505		630		
	3.868		624			6.875		632		
	3.244		1.246			6.243		1.262		
8	11.602	3.867		10.049		20.623	6.874		10.057	
	4.198		628			6.422		631		
	3.570		627			5.791		629		
	2.943		1.255			5.162		1.260		
9	10.711	3.570		11.304		17.375	5.792		11.317	
	5.659		631			5.588		633		
	5.028		630			4.955		632		
	4.398		1.261			4.323		1.265		
10	15.085	5.028		12.565		14.866	4.955		12.582	
	42.991					52.443				

F.B. 2416 P.G. 158

76P526 S & E #379 1-54

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr. 142552
Notes by G. E. DREIER Time 10:40 TO 11:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-1 To B.M. 104-2A
Date 2-26-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.650	42.991	630	12.565		5.455	52.443	625	12.582	+ 53.686
	5.020		631			4.830		625		- 61.912
	4.389		1261			4.205		1250		- 8.226
11	15.059	5.020		13.826		14.490	4.830		13.832	
	6.370		695			5.355		715		
	5.675		695			4.640		719		B.M. 104-2 C 489 1955
	4.980		1390			3.921		1434		AVE. M AND 10th ST. W.
12	17.025	5.675		15.216		13.916	4.639		15.266	SEE F.B. 2416-124 FOR DESC.
		53.686					61.912		15.216	
									30.482	
									=0.58 mi	
										+ 4.395
										- 6.230
										- 1.835
	4.566		171			6.408		178		
	4.395		170			6.230		177		B.M. 104-2A
	4.225		341			6.053		355		AVE. M. & 10th ST. W. ℄
13	13.186	4.395		15.557		18.691	6.230		15.621	SEE F.B. 2416- FOR DESC.
									15.557	
									31.178	=0.59 mi.

SUMMATION OF RUN
DIFF IN ~~ELEV.~~ B.M. 104-1 TO B.M. 104-2 - 8226
" " " B.M. 104-2 TO B.M. 104-2A - 1.835

F.B. 2416 P.G. 159

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather CLEAR Inst. No Nr. 142552
Notes by J. MOODY Time 11:20 to Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301,02
From B.M. 104-2A To B.M. 104-1
Date 2-27-58
Indexed A. C. Johnson

F.B. 2416 P.G. 160

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6458		177		#15	4617		170		B.M. 104-2A
	6281		177			4447		169		AVE. M. & 10th ST. W., &.
	6104		354			4278		339		SEE F.B. 2416-124 FOR DESC
1	18843	6.281		354	50°	13342	4447		339	
	-4.447									
	+1.834									
										B.M. 104-2 (C 489 1955)
										AVE. M & 10th ST. W.
										SEE F.B 2416-124 FOR DESC
	5348		718			6361		695		
	4630		719			5666		696		
	3911		1437			4970		1391		↑ T. OHASHI
2	13889	4.630		1791		16997	5.666		1730	
	5983		637			6180		645		
	5346		636			5535		646		
	4710		1273			4889		1291		
3	16039	5.346		3064		16604	5.535		3021	
	5997		642			6074		647		
	5355		639			5427		647		
	4716		1281			4780		1294		
4	16068	5.356		4345		16281	5.427		4315	
	15.332					16.628				

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Chief of Party G.E.DREIER Weather CLEAR Inst. No NK/42552
Notes by G.E.DREIER Time 11:30 TO 12:00 Rod No. 15 & 16

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M.104-2A To B.M.104-3
Date 2-26-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7278		651		#15	5,161		626		B.M. 104-2A
	6.627		655			4.535		626		AVE. M & 10TH ST. W. & INT.
	5.972		1,306 ✓	✓		3.909		1.252 ✓		SEE F.B.
1	19.877 ✓	6.626 ✓		1.306	55°	13.605 ✓	4.535 ✓		1.252 ✓	
	6.045		632			5308		633		
	5.413		632			4.675		634		
	4.781		1.264 ✓	✓		4.041		1.267 ✓	✓	T. J. MOODY
2	16.239 ✓	5.413 ✓		2.570		14.024 ✓	4.675 ✓		2.519	
	6102		631			5793		626		
	5.471		632			5.167		627		
	4.839		1.263 ✓	✓		4.540		1.253 ✓	✓	
3	16.412 ✓	5.471 ✓		3.833		15.500 ✓	5.167 ✓		3.772	
	5.688		635			6,172		630		
	5,053		633			5,542		629		
	4,420		1.268 ✓	✓		4.913		1.259 ✓	✓	
4	15.161 ✓	5.054 ✓		5.101		16.627 ✓	5.542 ✓		5.031	
	5.004		627			6.696		627		
	4.377		628			6.069		627		
	3749		1.255 ✓	✓		5,442		1.254 ✓	✓	
5	13.130 ✓	4.377 ✓		6.356		18.207 ✓	6.069 ✓		6.285	
	26.941 ✓					25.988 ✓				

F.B. 7416 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 CLEAR-WINDY Inst. No. 142552
Notes by G. E. DREIER Time 11:30 TO 12:00 Rod No. 15816

Name L.A.CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 104-2A To B.M. 104-3
Date 2-26-58
Indexed K. C. Johnson

F.B. 2416 P.G. 164

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.172	2.694	637	6356		7.533	2.598	631	6.285	
	3.535		637			6.902		632		
	2.898		1.274			6.270		1.263		
6	10.605	3.535		7.630		20.705	6.902		7.548	
	4.582		634			6.888		621		
	3.948		636			6.267		622		
	3.312		1.270			5.645		1.243		
7	11.842	3.947		8.900		18.800	6.267		8.791	
	5.918		602			5.430		653		SUMMATION OF RUN
	5.316		604			4.777		652		B.M. 104-2A TO B.M. 104-3
	4.712		1.206			4.125		1.305		TOTAL BACKSIGHTS +50.409
8	15.946	5.315		10.106		14.332	4.777		10.096	TOTAL FORESIGHTS -54.598
	6.182		633			5.877		629		DIFF IN ELEVATION - 4.189
	5.549		634			5.248		630		
	4.915		1.267			4.618		1.259		
9	16.646	5.549		11.373		15.743	5.248		11.355	
	5.662		540			5.977		562		
	5.122		539			5.415		560		B.M. 104-3
	4.583		1.079			4.855		1.122		AVE. M & 15TH ST. W
10	15.367	5.122		12.452		16.247	5.416		12.477	SEE F.B. 2416-125 FOR DESC
	50.409					54.598			12.452	
									24.929	
									= 0.47 mi.	

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. Nr 142,552
Notes by T. OHASHI Time 10:50 TO 11:15 Rod No. ISE16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-3 To BM 104-2A
Date 2-27-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5917 5366 4817 16105	5367	551 549 1100	1100	4/5	5621 5072 4524 15217	5072	549 548 1097	1097	BM. 104-3 AVE "M" & 15TH ST. W. SEE 2416-125 FOR DESC.
2.	6349 5699 5099 17.097	5699	650 650 1300	2400		6638 6000 5362 18.060	6000	638 638 1276	2373	T. J. MOODY
3.	5684 5038 4392 15.114	5038	646 646 1292	3692		6214 5578 4940 16.732	5577	636 638 1274	3647	
4.	7155 6508 5861 19.524	6508	647 647 1294	4986		4825 4185 3547 12.557	4186	640 638 1278	4925	
5.	7601 6951 6299 20.851	6950	650 652 1302	6288		4229 3582 2937 10.748	3583	647 645 1292	6217	
	29.562					24.418				

F.B. 2416 P.G. 165

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather CLEAR Inst. No. Nn 142582
Notes by T. OHASHI Time 10:50 TO 11:15 Rod No. 15 2/16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 104-3 To B.M. 104-2A
Date 2-27-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7219	29.562	638	62.88		5531	24.418	643	62.17	
	6581		638			4888		646		
	5943		1276			4292		1289		
6	19.743	6.581		7564		14.611	4.887		7506	
	6579		644			6090		643		
	5935		643			5447		645		
	5292		1287			4802		1288		
7	17.806	5.935		8851		16.339	5.446		8794	
	6182		649			6476		638		SUMMATION OF RUN
	5533		645			5838		639		B.M. 104-3 TO B.M. 104-2A
	4858		1294			5199		1277		TOTAL BACKSIGHTS +58.098
8	16.603	5.534		10.145		17.513	5.838		10.671	TOTAL FORESIGHTS -53.904
	5891		614			6697		681		DIFF IN ELEVATION +4.194
	5277		612			6016		679		
	4665		1226			5337		1360		
9	15.833	5.278		11.371		18.050	6.017		11.431	
	5842		644			7948		650		BM 104-2A
	5208		644			7298		650		AVE "M" & 10TH ST. W.
	4563		1289			6648		1300		SEE F.B. 2416 - FOR DESC.
10	15.623	5.208		12.663		21.894	7.298		12.731	
		58.098					53.904			

F.B. 2416 P.G. 166

76P526 S & E #379 1-54

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Chief of Party **E. E. DREIER** Weather CLEAR Inst. No NF 192552 Name **L.A. CO. PRECISE LEVEL NET**
Notes by J. Moody Time 9:40 to 10:05 Rod No. 15816 Job No. 0301.02
From BM 104-3 To BM 104-4
Date 2-27-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6288		629		#15	5049		637		BM 104-3
	5659		628			0412		633		AVE M & 15TH ST. W.
	5031		1257			3779		1270		SEE F.B. 2416-125 FOR DESC.
1	16978	5.659		1257	50°	13240	4.413		1270	
	6051		623			5958		630		
	5428		623			5328		633		↗ CERICOLA
	4805		1246			4695		1263		
2	16284	5.428		2503		15981	5.327		2533	
	5637		629			5328		626		
	5008		628			4702		629		
	4380		1257			4073		1255		
3	15025	5.008		3760		14103	4.701		3788	
	6228		635			4898		629		
	5593		632			4269		626		
	4961		1267			3643		1255		
4	16782	5.594		5027		12810	4.270		5043	
	5227		637			5471		630		
	4590		634			4841		632		
	3956		1271			4209		1262		
5	13773	4.591		6298		14521	4.840		6305	
	26.280					23.551				

F.B. 2416 P.G. 167

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather CLEAR Inst. No. NIF 142552
Notes by J. Mowry Time 9:40 to 10:05 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-2 To BM 104-4
Date 2-27-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6159	26.280	631	6298		6022	23.551	630	6305	
	5528		631			5392		630		
	4897		1262			4762		1260		
6	16584	5.528		7560		16176	5.392		7565	
	5028		628			5095		628		
	4400		629			4470		627		
	3771		1257			3843		1255		
7	13199	4.400		8817		13411	4.470		8820	
	5472		621			5477		629		
	4851		622			4848		629		
	4229		1243			4219		1258		
8	14652	4.851		10060		14544	4.848		10078	
	5881		623			5071		629		
	5258		627			4442		632		
	4631		1250			3810		1261		
9	15770	5.257		11310		13323	4.441		11339	
	5879		626			5230		627		
	5253		624			4603		628		
	4629		1250			3975		1255		
10	15761	5.254		12560		13808	4.603		12594	
	51570					47305				

F.B. 2416 P.G. 168

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No NN 182552
Notes by J. MOODY Time 9:40 to 10:05 Rod No 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-3 To BM 104-4
Date 2-27-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6016	51.575	507	12.560		5833	47.305	480	12.594	BM 104-4
	5509		508			5053		477		AVE "M" & 20th St. W.
	5001		1015			4576		957		SEE F.B. 2016-126 FOR DESC.
11	16526	5.509	13575			15162	5.054	13551		
								13575		
								27126		
								=0.51m		
										SUMMATION OF RUN
										B.M. 104-3 TO B.M. 104-4
										TOTAL BACKSIGHTS +57.079
										TOTAL FORESIGHTS -52.359
										DIFF IN ELEVATION +4.720
										F.B. 2416 P.G. 169
	57.079					52.359				

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather CLEAR Inst. No. NN 142552
Notes by J. MOODY Time 10:05 to 10:40 Rod No. 15816

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-4 To BM 104-3
Date 2-27-58
Indexed A. O. Johnson

F.B. 2416 P.G. 170

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5432		480		#15	5913		506		BM 104-4
	4952		481			5407		508		AVE "N" & 20th St W.
	4471		961			4899		1014		SEE F.B. 2416-126 for DESC
1	14855	4.952		961	50°	16219	5.406		1014	
	5722		637			6372		640		
	5085		637			5732		641		↑ CERICOLA
	4498		1274			5091		1281		
2	15255	5.085		2235		17195	5.732		2295	
	5649		642			6459		638		
	5007		645			5821		638		
	4362		1287			5183		1276		
3	15018	5.006		3522		17463	5.821		3671	
	6181		646			6169		631		
	5535		647			5538		635		
	4988		1293			4903		1266		
4	16604	5.535		4815		16610	5.537		4837	
	5909		640			5835		637		
	5269		639			5198		638		
	4630		1279			4560		1275		
5	15808	5.269		6094		15593	5.198		6112	
		25.847					27.694			

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 192552
Notes by J. MOODY Time 10:05 to 10:40 Rod No. 15814

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-4 To BM 104-3
Date 2-27-58
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
	6148	25.847	647	6.094		6273	27.694	641	6.112	
	5501		643			5632		641		
	4858		1290			4991		1282		
6	16507	5.502		7.384		16896	5.632		7.394	
	5833		648			5580		647		
	5185		647			4933		643		
	4538		1295			4290		1290		
7	16556	5.185		8.679		14803	4.934		8.684	
	5308		639			6638		649		
	4669		639			5989		647		
	4030		1278			5342		1296		
8	14007	4.669		9.957		17969	5.990		9.980	
	5779		641			6082		641		
	5138		641			5441		640		
	4497		1282			4801		1281		
9	15414	5.138		11.239		16324	5.441		11.261	
	6263		641			6367		646		
	5622		640			5721		642		
	4982		1281			5079		1288		
10	16867	5.622		12.520		17167	5.722		12.549	
	51.963					55.413				

F.B. 2414, P.G. 77

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 S. E. DREIER Weather CLEAR Inst. No NC 142552
Notes by J. MOODY Time 10:05 to 10:40 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-4 To BM 104-3
Date 2-27-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5213	51.963	652	12520		6069	55.413	661	12549	
	0561		650			5808		660		
	3911		1302			5148		1321		
11	13685	4562		13822		17425	5808		13870	
										BM 104-3 AVE "N" & 15th St. W. SEE F.B. 2416-165 FOR DESC.
										SUMMATION OF RUN BM. 104-4 TO B.M. 104-3 TOTAL BACKSIGHTS +56.525 TOTAL FORESIGHTS -61.221 DIFF IN ELEVATION - 4.696
	56.525					61.221				

F.B. 2416 P.G. 172

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK142552
Notes by J. MOODY Time 1:50 to 2:20 Rod No. 15 & 16

Name L A CO PRECISE LEVEL NET
Job No. 030102
From BM 104-3 To BM 104-4
Date 2-27-58
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
	6292		624		#15	5061		638		BM. 104-3
	6668		626			4423		635		AVE "M" & 15th ST. W.
	5092		1250			3788		1273		SEE F.B. 2416-125 FOR DESC
1	19002	5.667		1250	56°	13272	4.424		1273	
	6102		624			6008		630		
	5478		626			5378		629		
	4852		1250			4749		1259		T CERICOLA
2	16432	5.477		2500		16135	5.378		2532	
	5772		624			5472		631		
	5148		626			4841		630		
	4522		1250			4211		1261		
3	15442	5.147		3750		14524	4.841		3793	
	6428		638			5092		624		
	5790		637			4468		626		
	5153		1275			3842		1250		
4	17371	5.790		5025		13402	4.467		5043	
	5441		636			5689		631		
	4805		636			5058		635		
	4169		1272			4423		1266		
5	19415	4.805		6297		15170	5.057		6309	
	26886					24167				

F.B. 2416 P.G. 173

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. DREIER Weather CLEAR Inst. No. NK 12552
Notes by J. MOODY Time 1:50 to 2:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-3 To BM 104-4
Date 2-27-58
Indexed K. C. Johnson

F.B. 2416 P.G. 174

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6228	26.886	632	6297		6092	24.167	631	6309	
	5596		634			5961		629		
	4962		1266			4832		1260		
6	16.786	5.595		7.563		16.385	5.462		7.569	
	5435		626			5508		626		
	4809		627			4882		627		
	4182		1253			4255		1253		
7	14.426	4.809		8816		14.645	4.882		8822	
	5679		624			5681		632		
	5055		625			5049		628		
	4430		1249			4421		1260		
8	15.164	5.055		10065		15.151	5.050		10082	
	5941		629			5122		627		
	5312		629			4495		627		
	4683		1258			3868		1254		
9	15936	5.312		11323		13.485	4.495		11336	
	6077		629			5422		624		
	5448		630			4798		626		
	4818		1259			4172		1250		
10	16343	5.448		12582		14392	4.797		12586	
	53.106					48.553				

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 NK 142552
Notes by J. MOODY Time 1:50 to 2:20 Rod No. 15 & 16

Name C.A. CO. PRECISE LEVEL NET
Job No. 0.3.0.1.0.2
From BM 104-3 To BM 104-4
Date 2-27-58
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
	5951	53.108	511	12.582		5469	48.853	480	12.586	
	5440		511			4989		479		
	4929		1022			4510		959		
11	16320	5.440		13604		14968	4.989		13545	
								13.604		BM 104-4
								27.149		AVE "M" & 20TH St. W.
								0.51mi		SEE F.B. 2416-126 FOR DESC
										SUMMATION OF RUN
										BM 104-3 to BM 104-4
										TOTAL BACKSIGHTS +58.548
										TOTAL FORESIGHTS -53.842
										DIFF IN ELEVATION + 4.706
										F.B. 2416 P.G. 175
				58.548					53.842	

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 K. C. Johnson

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

F.B. 2416 P.G. 176

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 192552
Notes by J. MOODY Time 2:40 to 3:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-4 To BM 104-5
Date 2-27-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5471		615		#15	6017		630		BM 104-4
	4856		617			5387		629		AVE "M" & 20th ST. W.
	4239		1232 ✓			4758		1259 ✓		SEE 2416-12.6 FOR VESC.
1	18.566	4.855 ✓		1232	56°	16.162	5.387 ✓		1259	
	6006		626			5936		629		
	5380		625			5307		631		
	4755		1251 ✓			4676		1260 ✓		* DREIER
2	16.141 ✓	5.380 ✓		2483		15.919	5.306 ✓		2519	
	5553		629			5811		626		
	4924		631			5191		621		
	4293		1260 ✓			4570		1241 ✓		
3	14.770 ✓	4.923 ✓		3743		15.572	5.191 ✓		3766	
	5919		628			6641		624		
	5291		626			6017		627		
	4665		1254 ✓			5390		1251 ✓		
4	16.875 ✓	5.292 ✓		4997		18.048	6.016 ✓		5011	
	5209		627			6700		627		
	4582		625			6073		625		
	3957		1252 ✓			5408		1252 ✓		
5	13.748 ✓	4.583 ✓		6249		18.221	6.074 ✓		6263	
	25.033 ✓					27.974				

F.B. 2416 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 CLEAR Inst. No. NK142552
Notes by J. MOODY Time 2:40 to 3:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-4 To BM 104-5
Date 2-27-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5409	25.033	627	6249		5987	27.974	628	6263	
	4782		628			5359		627		
	4150		1255			4732		1255		
6	14345	8.782		7504		16078	5.359		7518	
	5752		629			5771		625		
	5123		626			5146		625		
	4491		1255			4521		1250		
7	15372	5.120		8759		15438	5.146		8768	
	5698		629			6022		626		
	5069		627			5396		624		
	4002		1256			4772		1250		
8	15209	5.070		10015		16190	5.397		10018	
	5266		631			6722		624		
	4635		631			6098		626		
	4000		1262			5472		1250		
9	13906	4.635		11277		18292	6.097		11268	
	4773		627			6508		621		
	4146		629			5887		620		
	3517		1256			5267		1241		
10	12436	4.145		12533		17662	5.887		12509	
		48789					55860			

F.B. 2416 P.G. 178

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by J. MOODY Time 2:40 to 3:00 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 104-4 To BM 104-5
Date 2-27-58
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6883	48.789	683	12.533		3262	55.860	711	12.509	
	6200		683			2551		709		
	5517		1366			1842		1420		
11	18.600	6.200		13899		765 5	2.552		13939	
									13899	BM 104-5
									27.82.8	AVE 'M' & 25th St W.
									=0.53 mi	SEE F.B. 2416-127 FOR DESC.
										SUMMATION OF RUN
										B.M. 104-4 TO B.M. 104-5
										TOTAL BACKSIGHTS +54.989
										TOTAL FORESIGHTS -58.412
										DIFF IN ELEVATION -3.423
										F.B. 2416 P.G. 179
	549.89					58.412				

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party **B. E. DREIER** Weather CLEAR Inst. No. NK 19652
Notes by J. Moody Time 3:00 to 3:25 Rod No. 15 #16

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 104-5 To BM 104-4
Date 2-27-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3268		739		#15	6835		657		BM 104-5
	2529		737			6178		656		AVE M & 25th St. W.
	1792		1476			5522		1313		SEE F.B. 2416-127 FOR DESC.
1	7589	2530		1476	56°	19535	6178		1313	
	6506		589			4832		660		
	5917		590			4172		661		
	5327		1179			3511		1321		T DREIER
2	17750	5917		2655		12515	4172		2634	
	6801		622			5347		630		
	6179		623			4717		632		
	5556		1245			4085		1262		
3	18536	6179		3900		14149	4716		3896	
	6018		625			5698		631		
	5393		624			5067		629		
	4769		1249			4438		1260		
4	16180	5393		5199		16203	5068		5156	
	5760		623			5743		626		
	5137		626			5117		628		
	4511		1249			4489		1254		
5	15408	5136		6398		15349	5116		6410	
		25155					25250			

F.B. 2416 P.G. 180

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. NK 14252
Notes by J. Mealy Time 3:00 to 3:25 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-5 To BM 109-4
Date 2-27-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5962	25.155	625	6.398		5384	25.250	625	6.410	
	5337		627			4759		627		
	4710		1252			4132		1252		
6	16.009	5.336		7.650		14.275	4.758		7.662	
	6678		627			5188		628		
	6051		626			4560		628		
	5425		1253			3932		1256		
7	18.154	6.051		8.903		13.680	4.560		8.918	
	6653		625			5932		627		
	6028		626			5305		628		
	5402		1251			4677		1255		
8	18.083	6.028		10.154		15.914	5.305		10.173	
	5797		625			5539		630		
	5172		621			4909		631		
	4551		1246			4278		1261		
9	15.520	5.173		11.400		14.726	4.909		11.434	
	5901		629			5970		625		
	5272		630			5345		625		
	4642		1259			4720		1250		
10	15.815	5.272		12.659		16.035	5.345		12.684	
	53.015					50.127				

F.B. 2416 P.G. 181

76P526 S & E #379 1-54

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Chief of Party [redacted] E. DREIER Weather CLEAR Inst. No Nr 142552
Notes by J. MOODY Time 3:00 to 5:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-5 To BM 104-4
Date 2-27-58
Indexed [redacted] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5914	53.015	638	12659		5353	50.127	607	12684	
	5276		638			4746		607		
	4638		1376			4139		1214		
11	15828	5.276		14035		14238	4.746		13898	
										BM 104-5 AVE M & 25th St. W. SEE F. B. 2416-127 FOR DESC
										SUMMATION OF RUN B.M. 104-5 TO BM 104-4
										TOTAL BACKSIGHTS +58.291
										TOTAL FORESIGHTS -54.873
										DIFF IN ELEVATION +3.418
		58.291					54873			

F.B. 2416 P.G. 182

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. Nn142552
Notes by T. OHASHI Time 9:15 TO 9:50 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 104-5 To BM 104-6
Date 2-28-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5982		C64		#5	5522		C36		BM 104-5
	5318		C63			4886		C37		AVE "M" & 25TH ST. W.
	4654		1327			4249		1273		SEE F.B. 2416-127 FOR DESC.
1	15955	5.318		1327		14657	4.886		1273	
	6472		C27			5348		C26		J. MOODY
	5845		C28			4122		C24		
	5217		1255			4098		1250		
2	17534	5.845		2582		14168	4.723		2523	
	6552		C28			5174		C23		
	5924		C26			4852		C24		
	5251		1254			3928		1247		
3	17774	5.925		3836		13655	4.552		3770	
	5982		C34			C788		C40		
	5248		C36			6148		C39		
	4712		1270			5209		1279		
4	16042	5.347		5106		18455	6.128		5049	
	5602		C39			6096		C39		
	4963		C36			5857		C39		
	4327		1275			5218		1278		
5	14892	4964		6381		17571	5.857		6327	
	27.399					26166				

F.B. 2416 P.G. 123

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather SUN - HAZE Inst. No. WA 12552
Notes by T. OHASHI Time 9:15 TO 9:50 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-5 To BM 104-6
Date 2-28-58
Indexed K. O. Johnson

F.B. 2416 P.G. 184

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5757	27.399	629	6381		6152	26.166	644	6327	
	5128		629			5508		647		
	4499		1258			4861		1291		
6	16.384	5.128		7639		16.521	5.507		7618	
	6278		645			6542		635		
	5633		644			5907		635		
	4989		1289			5272		1270		
7	16.900	5.633		8928		17.721	5.907		8888	SUMMATION OF RUN
	5989		627			6104		653		BM 104-5 TO BM 104-6
	5362		625			5451		653		TOTAL BACKSIGHT +54.100
	4737		1252			4798		1306		TOTAL FORE SIGHT -53.707
8	16.088	5.363		10180		16.353	5.451		10194	DIFF. IN ELEV. +0.393
	6076		644			6167		636		
	5432		644			5531		634		
	4788		1288			4897		1270		
9	16.296	5.432		11468		16.595	5.532		11464	
	5461		336			5477		334		B.M. 104-6
	5145		336			5143		332		AVE "M" E 30TH ST. W
	4809		672			4811		666		SEE FB 2416-128 FOR DESC
10	15.435	5.145		12140		15.431	5.144		12130	
		54.100					53.707		12.140	
									24.270	
									= 0.46 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 HAZY Inst. No W. 142552
Notes by G. E. DREIER Time 10:00 TO 10:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-6 To B.M. 104-7
Date 2-28-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4,153		624			7,195		636		B.M. 104-6 (E 489 1955)
	3,529		627			6,559		638		AVE M. & 30th ST. W.
	2,902		1,251			5,921		1,274		SEE F.B. 2416-128 FOR DESC.
1	10,584	3,528		1,251		19,675	6,558		1,274	
	4,983		155			7,232		153		↑ M. CERICOLA
	4,828		157			7,079		152		
	4,671		312			6,927		305		
2	14,482	4,827		1,563		21,238	7,079		1,579	
		8,355					13,637		1,562	B.M. 104-6A
									3,141	AVE. M. & 30th ST. W.
									936 M.	SEE F.B. 2416-128 FOR DESC.
	6,802		626			5,801		633		
	6,176		628			5,168		630		
	5,548		1,254			4,538		1,263		
3	18,526	6,175		2,817		15,507	5,169		2,842	
	6,519		630			4,910		628		
	5,889		628			4,282		626		
	5,261		1,258			3,656		1,254		
4	17,669	5,890		4,075		12,848	4,283		4,096	
		12,065					9,452			

F.B. 2416 P.G. 187

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No NA142552
Notes by G. E. DREIER Time 10:00 TO 10:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE1
Job No. 0301.02
From B.M. 104-6 To B.M. 104-7
Date 2-28-58
Indexed C. Johnson

F.B. 2416 P.G. 188

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6,829	12.065	633	4.075		5.241	9.452	633	4.096	
	6,196		635			4.608		637		
	5,561		1.268			3.971		1.270		
5	18.586	6.195		5.343		13.820	4.607		5.366	
	6,483		635			5.889		646		
	5.848		638			5.243		642		
	5.210		1.273			4.601		1.288		
6	17.541	5.847		6,616		15.733	5.244		6.654	
	5.497		637			6.811		643		
	4,860		639			6,168		646		
	4,221		1.276			5.522		1.289		
7	14.578	4.859		7,892		18.501	6,167		7.943	
	6,167		636			3.522		633		
	5.531		632			2.889		636		
	4.899		1.268			2.253		1.269		
8	16.597	5.532		9,160		8.664	2.888		9212	
	9,400		632			3,153		626		
	8.768		636			2.527		629		
	8.132		1.268			1.898		1.255		
9	26.300	8.767		10,428		7.578	2.526		10.467	
		43.265					30.884			

76P526 S & E #379 1-54

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

Name C. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 104-6 To B.M. 104-7
Date 2-28-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.881	43.265	634	10.428		4.611	30.884	633	10.467	
	7.247		638			3.978		636		
	6.609		1.272			3.342		1.269		+61.744
10	21.737	7.246		11.700		11.931	3.977		11.736	-51.203
	5.159		629			7.318		636		+10.541
	4.530		628			6.682		633		
	3.902		1.257			6.049		1.269		SUMMATION OF RUN
11	13.591	4.530		12.957		20.049	6.683		13.005	DIFF. IN ELEVATION
	3842		370			7.247		365		B.M. 104-6 TO B.M. 104-6A -5.282
	3.472		370			6.882		362		B.M. 104-6A TO B.M. 104-7 +10.541
	3.102		740			6.520		727		
12	10.416	3.472		13.697		20.649	6.883		13.732	
	3621		390			3.123		347		
	3.231		389			2.776		348		B.M. 104-7
	2.842		779			2428		695		AVE. M OPPOSITE NO. * 3356
13	9.694	3.231		14.476		8.327	2.776		14.427	SEE F.B. 2416-129 FOR DESC.
		61.744					51.203		14.427	
									28.933	0.55
									-3.142	
									25.76	
									0.49 MI.	.0119

F.B. 2416 P.G. 189

76P526 S & E #379 1-54

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Chief of Party **G. E. DREIER** Weather CLEAR Inst. No. Nr 142552
Notes by J. MOODY Time 10:30 to 11:10 Rod No. 15 & 16

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 104-7 To BM 104-6
Date 3-3-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3073		357		4/5	3550		378		BM 104-7
	2716		358			3172		379		AVE "M" OPPOSITE HOUSE * 3356
	2358		716			2793		757		SEE F.B. 2416-129 FOR DESC.
1	8.147	2.716		.716	54°	9.515	3.172		.757	
	7397		374			3973		361		* M. CERICOLA
	7023		372			3612		363		
	6651		746			3249		724		
2	21.071	7.020		1461		10.834	3.611		1481	
	7587		635			5428		627		
	6952		631			4801		629		
	6321		1266			4172		1256		
3	20860	6953		2727		14401	4.800		2737	
	4706		645			7950		625		
	4061		646			7325		624		
	3415		1291			6701		1249		
4	12.182	4.061		4018		21976	7.325		3.986	
	2750		628			8998		636		
	2122		630			8362		632		
	1492		1258			7730		1268		
5	6.364	2.121		5276		25090	8.363		5254	
		22.875					27.271			

F.B. 2416 P.G. 190

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 WIND Inst. No. NK142562
Notes by J. MOODY Time 10:30 to 11:10 Rod No. 15 & 16

Name PRECISE LEVEL NET
Job No. 0301.02
From BM 104-7 To BM 104-6
Date 3-4-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3203	22.875	640	5276		5839	27.271	632	5254	
	2563		636			5207		634		
	1927		1276			4573		1266		
6	7.693	2.564		6552		15.619	5.206		6520	
	6539		657			5202		630		
	5882		653			4672		630		
	5229		1310			3942		1260		
7	17.650	5.883		7862		13.716	4.572		7780	
	5519		652			6100		632		
	4867		655			5468		636		
	4212		1307			4832		1268		
8	14.598	4.866		9169		16.400	5.467		9048	
	4983		610			6620		659		
	4373		612			5961		660		
	3761		1222			5301		1329		
9	13.117	4.372		10391		17.882	5.961		10377	
	4499		637			6092		623		
	3862		633			5469		627		
	3229		1270			4842		1250		
10	11.590	3.863		11661		16.403	5.468		11627	
	44.423					53.945				

F.B. 2416 P.G. 191

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather WIND Inst. No. NK 14252
Notes by J.M. OODY Time 10:30 to 11:10 Rod No 15 & 16

Name PRECISE LEVEL NET
Job No. 0301.02
From BM 104-7 To BM 104-6
Date 3-4-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5916	4.423	627	11.661		6942	3.945	645	11.627	+ 49.712
	5289		626			6297		646		- 60.242
	4663		1253			5651		1291		- 10.530
11	15.868	5.289		12914		18.890	6.297		12918	
		49.712					60.242			BM 104-6A
										AVE M & 30th ST. W. Int.
										SEE F.B. 2416-128 FOR DESC.
	7259		158			5008		159		+13.576
	7101		158			4849		157		- 8.297
	6943		316			4692		316		+ 5.279
12	21.303	7.101		13230		19.549	4.850		13234	
	7112		637			4071		623		
	6475		636			3448		627		B.M. 104-6 (E 489 1955)
	5839		1273			2821		1250		AVE M & 30th ST. W.
13	19.426	6.475		14503		10.340	3.447		14484	SEE F.B. 2416-128 FOR DESC.
		13.576					8.297			
						DIFF IN ELEVATION				SUMMATION OF RUN
						"	"	"		B.M. 104-7 TO B.M. 104-6A -9.720
										B.M. 104-6A TO B.M. 104-6 +5.279

F.B. 2416 P.G. 192

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NC1425-2
Notes by J. MOODY Time 9:35 TO 10:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NF
Job No. 030102
From BM 104-6 To BM 104-7
Date 3-7-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4013		673		#15	7008		641		BM 104-6 (E 489,198.)
	3340		674			6367		639		AVE M & 30th S & W.
	2666		134.7			5728		1280		SEE F.B. 2416-128 FOR DESC
1	10.019	3.340		1347	50°	19.103	6.368		1280	
	4881		159			7131		156		+8.063
	4722		157			6975		155		-13.343
	4566		316			6820		311		-5.280
2	14.168	4.723		1663		20.926	6.975		1591	T. CERICOLA
	8.063					13.343				
										BM 104-6A
										AVE M & 30th S & W.
										SEE F.B. 2416-128 FOR DESC
	6684		627			5649		632		
	6027		628			5017		634		
	5399		1255			4383		1266		
3	18.080	6.027		2918		16.049	5.016		2857	
	6460		627			4853		625		
	5833		627			4228		628		
	5206		1254			3600		1253		
4	17.499	5.833		4172		12.681	4.227		4110	
	11.860					9.243				

F.B. 2416 P.G. 193

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No NR142552
Notes by J. MOODY Time 9:35 to 10:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-6 To BM 104-7
Date 3-7-58
Indexed C. Jonson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6938	11.860	637	4.172		5369	9.243	657	4.110	
	6301		633			4712		656		
	5668		1270			4056		1313		
5	18.907	6.302		5442		14.137	4.712		5433	
	6609		657			5999		650		
	5952		654			5349		647		
	5298		1311			4702		1297		
6	17.859	5.953		6753		16.050	5.350		6780	
	5562		652			6869		650		
	4910		649			6219		651		
	4261		1301			5568		1301		
7	14.733	4.911		8054		18.656	6.219		8081	
	6259		650			3608		643		
	5609		650			2965		644		
	4959		1300			2321		1287		
8	16.827	5.609		9354		8.894	2.965		9318	
	9321		639			3089		648		
	8682		638			2441		649		
	8047		1274			1792		1297		
9	26.050	8.683		10628		7322	2.441		10615	
		43.318					30.930			

F.B. 2416 P.G. 194

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. W.C. 142552
Notes by J. MOODY Time 9:35 to 10:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. Q.301.02
From B.M. 104-6 To B.M. 104-7
Date 3-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8492	43.318	648	10.628		5219	30.930	638	10.645	
	7844		646			4579		638		
	7198		1294			3941		1276		
10	23534	7.845		11.922		13737	4.579		11.891	
	5712		641			7861		639		
	5071		642			7222		640		
	4429		1283			6582		1279		
11	15212	5.071		13205		21665	7.222		13170	
	4189		387			7599		387		
	3802		383			7212		384		+63.214
	3419		770			6829		771		-52.666
12	11410	3.803		13975		21639	7.213		13941	+10.548
	3552		374			3083		361		B.M. 104-7
	3178		376			2722		361		AVE. M, OPPOSITE HO.# 3356
	2802		750			2361		722		SEE F.B. 2416-129 FOR DES.
13	9532	3.177		14725		8166	2.722		14663	
										SUMMATION OF RUN
										B.M. 104-6 TO BM 104-6A -5280
						DIFF IN ELEV.				B.M. 104-6A TO B.M. 104-7 +10.548
	63214					52666				

F.B. 2416 P.G. 125

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr. 142553
Notes by J. MOODY Time 2:00 to 3:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 104-7 To B.M. 104-6
Date 3-7-58
Indexed C. Johnson

F.B. 2416 P.G. 196

Number of Station	BACKSIGHT Thread 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	3138 2788 2437 8363"	2.788"	350 351 701"	.701"	#15 50°	3627 3242 2861 9730"	3.243"	385 381 766"	.766"	B.M. 104-7 AVE "M" OPPOSITE HOUSE #3356 SEE F.B. 2416-129 FOR DESC.
2	6624 6253 5882 18759"	6.253"	371 371 742"	1.443"		3212 2842 2473 8527"	2.842"	370 369 739"	1.605"	⊼ M. CERICOLA
3	7262 6619 5973 19854"	6.618"	643 646 1289"	2.732"		5083 4468 3850 13401"	4.467"	615 618 1233"	2.738"	
4	4599 3969 3339 11907"	3.969"	630 630 1260"	3.992"		7875 7233 6592 21700"	7.233"	642 641 1283"	4.021"	
5	2579 1949 1320 5848"	1.949"	630 629 1259"	5.251"		8823 8189 7553 24565"	8.188"	634 636 1270"	5.291"	
		21,577"					25.973"			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr. 142552
Notes by J. MOORY Time 2:00 to 3:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0321.02
From BM 104-7 To BM 104-6
Date 3-7-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3009	21.517	627	5251		5652	25973	638	5291	
	2372		633			5014		641		
	1739		1260			4373		1279		
6	7.120	2.373		6.511		15.039	5.013		6.570	
	6231		642			4922		643		
	5589		642			4279		646		
	4947		1284			3633		1289		
7	16.767	5.589		7.795		12.834	4.278		7.859	
	5358		660			5928		629		
	4698		660			5299		629		
	4038		1320			4670		1258		
8	14.094	4.698		9.115		15.897	5.299		9.117	
	4873		635			6060		637		
	4238		639			5823		635		
	3599		1274			5188		1272		
9	12.710	4.237		10.389		17.471	5.824		10.389	
	4480		631			6082		629		
	3849		630			5453		630		
	3219		1261			4823		1259		
10	11.548	3.849		11.629 50		16.358	5.453		11.648	
	42.323					51.840				

F.B. 2416 P.G. 197

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 WIND Inst. No. Nr 142552
Notes by J. MOODY Time 2:00 to 3:20 Rod No. 15 / 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 03D1.02
From B.M. 104-7 To B.M. 104-6
Date 3-7-58
Indexed C. Johnson

F.B. 2416 P.G. 198

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5209	42.323	631	11.649		6222	51.840	640	11.648	
	4578		635			5582		640		+ 46.900
	3943		1266			4942		1280		− 57.422
11	13730	42.577	12916			16746	55.582	12928		− 10.522
		46.900					57.422			
										BM 104-6A
										AVE "M" & 30th ST. E INTER
										SEE F.B. 2416-128 FOR DESC.
	7287		154			5038		157		+ 13.663
	7133		154			4881		157		− 8.382
	6979		308			4724		314		+ 5.281
12	21399	7.133	13228			14643	4.881	13242		
	7169		639			4125		624		
	6530		638			3501		623		B.M. 104-6 (E 489 1955)
	5892		1277			2878		1247		AVE. M & 30th St. W.
13	19591	6.530	14508			10504	3.501	14489		SEE F.B. 2416-218 FOR DESC.
		13.663					8.382			
										SUMMATION OF RUN
										DIFF IN ELEV. B.M. 104-7 TO B.M. 104-6A −10.522
										" " B.M. 104-6A TO B.M. 104-6 + 5.281

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 & WINDY Inst. No. NF 142552
Notes by J. MOODY Time 10:50 to 11:35 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From BM 104-6A To BM 104-7
Date 3-24-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6074		618		#15	5106		668		BM 104-6A
	5456		618			4448		655		AVE M & 30th St W.
	4838		1236			3793		1313		SEE F.B. 2416-128 for DESC.
1	16368	5456		1236	50°	13347	4449		1313	
	6327		650			4677		609		
	5677		649			4068		605		TORICOLA
	5028		1299			3463		1214		
2	17032	5677		2535		12208	4069		2527	
	6599		636			5008		632		
	5963		635			4376		633		
	5327		1271			3743		1265		
3	17889	5963		3806		13127	4376		3792	
	6393		640			5782		644		
	5743		640			5138		641		
	5103		1280			4497		1285		
4	17229	5743		5086		15417	5139		5077	
	6438		639			6749		642		
	4799		638			6107		640		
	4161		1277			5467		1282		
5	14398	4799		6363		18323	6108		6359	
	27638					24141				

F.B. 2416 P.G. 129

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, WIND Inst. No. NK 14252
Notes by J. MOODY Time 10:50 to 11:35 Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02.
From BM 104-6A To BM 104-7
Date 3-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6027	27.638	638	6363		3377	24141	632	6359	
	5389		635			2745		632		
	4754		1273			2113		1264		
6	16170	5390		7636		8235	2745		7623	
	9057		633			2813		631		
	8424		632			2182		630		
	7792		1265			1552		1261		
7	25273	8424		8901		6547	2182		8884	
	7728		641			4448		629		
	7087		644			3819		628		
	6443		1285			3191		1257		
8	21258	7086		10186		11458	3819		10141	
	4913		630			7069		633		
	4283		627			6436		634		
	3656		1257			5802		1267		
9	12852	4284		11443		19307	6436		11408	
	3607		369			7028		380		
	3238		368			6648		380		
	2870		737			6268		760		
10	9715	3238		12180		19944	6648		12168	
		56060					45971			

F.B. 2416 P.G. 200

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR & WIND Inst. No. NK 142552
Notes by J. MOODY Time 10:50 to 11:35 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL
Job No. 0301.02
From BM 104-6A To BM 104-7
Date 3-24-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3530	56060	377	12.180		3057	48.972	358	12.168	BM 104-7
	3157		380			2699		358		AVE M, OPPOS TO HO # 3356
	2777		757			2341		716		SEE F.B. 2416-129 FOR DESC.
11	9.468	3156		12.937		80972699			12.884	
								12.937		
								25.821		
								0.49 mi.		
										SUMMATION OF RUN BM 104-6A TO BM 104-7
										TOTAL BACKSIGHTS +59.216
										TOTAL FORESIGHTS -48.670
										DIFF IN ELEVATION +10.546
										F.B. 2416 P.G. 201
	59.216					48.670				

76P526 S & E #379 1-54

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Chief of Party **G. E. DREIER** Weather CLEAR & WIND Inst. No. NC 1A2652
Notes by J. MOODY Time 11:40 to 12:10 Rod No. 15 & 16

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 104-7 To BM 104-6 A
Date 3-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3129		367		#16	3592		370		BM 104-7
	2762		367			3222		369		AVE M, OPPOSITE HO" 3356
	2395		734			2853		739		SEE C.B. 2416-129 FOR DESC.
1	8.286	2.762		734	60°	9.667	3.222		739	
	7129		362			3726		372		
	6767		365			3354		371		AT CERICOLA
	6402		727			2983		743		
2	20.298	6.766		1461		10.063	3.354		1482	
	7592		631			5435		626		
	6961		634			4809		627		
	6327		1265			4182		1253		
3	20.880	6.960		2726		14.426	4.809		2735	
	4519		630			7793		641		
	3889		631			7152		640		
	3258		1261			6512		1281		
4	11.666	3.889		3987		21.457	7.152		4016	
	2532		631			8713		631		
	1901		633			8142		631		
	1268		1264			7511		1262		
5	5.701	1.900		5251		20.426	8.142		5278	
	22.277					26.679				

F.B. 2416 PG 202

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR & WINDY Inst. No. NR 142552
Notes by J. MOODY Time 11:40 to 12:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From BM 104-7 To BM 104-6 A
Date 3-29-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3088	22.277	635	5251		5729	26.679	636	5278	
	2453		635			5093		636		
	1818		1270			4457		1272		
6	7.359	2.453		6.521		15.279	5.093		6.556	
	6714		645			5397		635		
	6069		644			4762		639		
	5425		1289			4123		1274		
7	18.208	6.069		7.810		14.282	4.761		7.824	
	5688		641			6286		639		
	5047		644			5647		640		
	4003		1285			5007		1279		
8	15.138	5.046		9.095		16.940	5.647		9.103	
	5053		633			6642		634		
	4420		633			6008		636		
	3787		1266			5372		1270		
9	13.260	4.420		10.361		18.022	6.007		10.373	
	4765		623			6378		631		
	4142		625			5747		631		
	3517		1248			5116		1262		
10	12.424	4.141		11.609		17.241	5.747		11.635	
	44.406					53.934				

F.B. 241 PG. 203

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR & WINDY Inst. No. NY 122552
Notes by J. MOODY Time 11:40 to 12:10 Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM104-7 To BM104-6A
Date 3-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5614	4.406	631	11.609		6521	5.393	632	11.635	BM104-6A
	4883		631			5889		629		AVE M & 30th ST. W.
	4252		1262			5260		1261		SEE F.B. 2416-128 for desc.
11	14.649	4.883		12.871		17.670	5.890		12.896	
										SUMMATION OF RUN
										BM 104-7 to BM 104-6A
										total BACKSIGHTS + 49.289
										total FORESIGHTS - 59.824
										DIF IN ELEVATION - 10.535

F.B. 2416 P.G. 204

49.289 59.824

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. NR 142552
Notes by J. MOODY Time 11:00 to 11:50 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 104-7 To B.M. 104-9
Date 2-28-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7133		339		#16	9981		334		BM. 104-7
	6794		339			9647		335		AVE. "M" OPPOSITE HOUSE # 3356
	6455		678 ✓			9312		669 ✓		SEE F.B. 2416-129 FOR DESC.
1	20383 ✓	6.794 ✓		678 ✓	52°	28940 ✓	9.647 ✓		669	
	1890		227			7407		271		
	1663		226			7136		271		T DREIER
	1437		453 ✓			6865		542 ✓		
2	4990 ✓	1.663 ✓		1131		21408 ✓	7.136 ✓		1211	
	2997		629			7762		628		
	2368		630			6534		626		
	1738		1259 ✓			5908		1254 ✓		
3	7103 ✓	2.368 ✓		2390		19604 ✓	6.535 ✓		2465	
	5090		628			4762		633		
	4462		630			4129		636		
	3832		1258 ✓			3493		1269 ✓		
4	13384 ✓	4.461 ✓		3648		12384 ✓	4.128 ✓		3734	
	6030		630			6538		635		
	5400		629			5903		634		
	4771		1259 ✓			5269		1269 ✓		
5	16201 ✓	5.400 ✓		4907		17710 ✓	5.903 ✓		5003	
		20.686 ✓					33.349 ✓			

F.B. 2416 P.G. 205

76P526 S & E #379 1-54

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Chief of Party **G. E. DREIER** Weather PARTLY CLOUDY Inst. No. WYE 14252
Notes by J. MOODY Time 1100 to 1150 Rod No. 15 & 16

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 104-7 To BM 104-9
Date 2-28-58
Indexed C. Johnson

F.B. 2416 P.G. 206

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5250	20.686	632	4907		6802	33.349	636	5003	
	4618		633			6172		632		
	3985		1265			5540		1262		
6	13853	4.618		6172		18514	6.171		6265	
	6718		633			4887		629		
	6085		632			4218		629		
	5453		1265			3589		1258		
7	18256	6.085		7437		12654	4.218		7523	
	7328		632			5809		629		
	6696		633			5180		628		
	6063		1265			4552		1257		
8	20087	6.696		8702		15541	5.180		8780	
	4072		630			5072		624		
	3442		631			4448		627		
	2811		1261			3821		1251		
9	10325	3.442		9963		13341	4.447		10031	
	5431		629			8453		631		
	4802		630			7822		631		
	4172		1259			7191		1261		
10	14054	4.802		11222		23466	7.822		11292	
		46.329					61.187			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No NR 142552
Notes by J. MOODY Time 11:00 to 11:50 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-7 To BM 104-9
Date 2-28-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4497	46.329	634	11.222		7207	61.187	636	11.292	
	3863		632			6571		633		
	3231		1266			5938		1269		
11	11.591	3.864		12488		19716	6.572		12561	
	4667		625			7922		625		
	4042		622			7297		628		
	3420		1247			6669		1253		
12	12129	4.043		13735		21888	7.296		13814	
	4695		638			7539		613		BM 104-7 TO BM 104-8
	4057		637			6926		615		TOTAL BACKSIGHT +58.997
	3420		1275			6311		1228		TOTAL FORESIGHT -90.325
13	12172	4.057		15010		20776	6.925		15042	DIFF. IN ELEV. -31.328
	0945		241			8552		207		
	0704		240			8345		207		
	0464		481			8138		414		
14	2113	0.704		15491		25035	8.345		154 5 x 6	
		58.997					90.325		15.491	BM 104-8 (F 489, 1955)
									30.947	AVE M & 40th St. W.
									0.59 MI.	SEE F.B. 2416-130 FOR DESC.

F.B. 2416 P.G. 207

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. NR 142552
Notes by J. MOODY Time 11:00 to 11:50 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-7 To BM 104-9
Date 2-28-58
Indexed [illegible] C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1091		294	15.491		10.640		287	15.4~~4~~5 6	
	0797		294			10353		288		
	0503		588			10.065		575		
15	2.391	0.797		16079		31.058	10.353		16.031 ~~16991~~	SUMMATION OF RUN
	0985		348			10.282		355		DIFF IN ELEV
	0637		347			9927		356		B.M. 104-7 TO B.M. 104-8 -31.328
	0290		695			9571		711		B.M. 104-8 TO B.M. 104-9 -23.641
16	1912	0.637		16774		29.780	9.927		16742	
	1999		628			7923		626		
	1372		625			7297		626		
	0747		1253			6671		1252		
17	4.118	1.373		18027		21.891	7.297		17954	
	5168		580			4065		606		
	4588		579			3459		607		-31.036
	4009		1159			2852		1213		+7.395
18	13.765	4588		19186		10.376	3.459		19207 ~~19167~~	-23.641
		7.395					31.036		19.186	BM104-9 (G-489, 1955)
									.38393	S.E. COR. of AIRPORT
									=0.73 MI.	SEE F.B. 2416-130 FOR DESC.

F.B. 2416 P.G. 208

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. NK 19253
Notes by J. MOODY Time 9:30 & 10:20 Rod No. 15 & 16

Name PRECISE LEVEL NET
Job No. 0301.02
From BM 104-9 To BM 104-7
Date 3-4-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4077		595		#15	5206		597		BM 104-9 (G-489, 1955)
	3482		598			4609		596		S.E. COR. OF AIR PORT
	2884		1193			4013		1193		SEE F.B. 2416-130 FOR DESC.
1	10443	3481		1.193	55°	13828	4.609		1193	
	7998		632			2063		623		T DREIER
	7366		634			1440		622		
	6732		1266			0818		1245		
2	22096	7.365		2459		4321	1.440		2438	
	10263		353			0967		348		
	9910		353			0619		347		
	9557		706			0272		695		
3	29730	9.910		3165		1.858	0.619		3133	
	10.784		297			1228		296		+ 31.243
	10.487		297			0932		297		- 7.600
	10.190		594			0635		593		+ 23.643
4	31.461	10.487		3759		2.795	0.932		3726	F.B. 2416 P.G. 209
		31.243					7.600			BM 104-8 (F 489, 1955)
										AVE M'st 40th St. W.
										SEE F.B. 2416-130 FOR DESC.

76P526 S & E #379 1-54

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather CLEAR Inst. No. NK 142552
Notes by J. MOODY Time 9.30 to 11.20 Rod No. 15 & 16

Name PRECISE LEVEL NET
Job No. 0301.02
From BM 104-9 To BM 104-7
Date 3-4-58
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
	8653		209	3.759		1040		238	3.726	
	8444		209			0802		238		
	8235		418			0564		576		
5	2.5332	8.444		4.177		2.406	0.802		4.302	
	7546		629			0672		623		
	6917		629			4049		622		
	6288		1258			3427		1245		
6	20.751	6.917		5.035		12.148	4.049		5.547	
	7912		626			4655		623		
	7286		628			4032		622		
	6658		1254			3410		1245		
7	21.856	7.285		6.689		12.097	4.032		6.792	
	7219		634			4509		632		
	6585		634			3877		634		
	5951		1268			3243		1266		
8	19.755	6.585		7.957		11.629	3.876		8.058	
	8423		628			5403		632		
	7795		629			4771		631		
	7166		1257			4140		1263		
9	23.384	7.795		9.214		14.314	4.771		9.321	
		37.026					17.530			

F.B. 2416 P.G. 210

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by J. MOODY Time 9:30 to 10:20 Rod No. 15&16

Name PRECISE LEVEL NET
Job No. 0301.02
From BM104-9 To BM104-7
Date 3-4-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5517	37.026	628	9214		4531	17.530	648	9321	
	4889		629			3883		646		
	4260		1257			3237		1294		
10	14.666	4.889		10471		11.651	3.884		10.615	
	5799		632			7332		652		
	5167		632			6680		653		
	4535		1264			6027		1305		
11	15501	5.167		11735		20.039	6.680		11.920	
	4879		636			6757		646		
	4243		636			6111		648		
	3607		1272			5463		1294		
12	12.729	4.243		13.007		18.331	6.110		13.214	
	6817		673			5179		590		
	6144		672			4589		591		
	5472		1345			3998		1181		
13	18.433	6.144		14352		13.766	4.589		14.395	
	6472		631			5968		630		
	5841		632			5338		630		
	5209		1263			4708		1260		
14	17.522	5.841		15615		16.014	5.338		15655	
		63.310					44.131			

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

F.B. 24/16 P.G. 211

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No NK 142552
Notes by J MOODY Time 9:30 to 11:20 Rod No. 15 & 16

Name PRECISE LEVEL NET
Job No. 0301.02
From BM 104-9 To BM 104-7
Date 3-4-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0675	63.310	633	15.615		5002	44.131	629	18.655	
	4042		633			4373		628		
	3409		1266			3745		1257		
15	12126	4.042		16881		13120	4.373		16912	
	7211		631			3037		626		SUMMATION OF RUN
	6580		631			2411		624		DIFF IN ELEV.
	5949		1262			1787		1250		B.M.104-9 TO B.M.104-8 + 23.643
16	19740	6.580		18143		7235	2.412		18162	B.M.104-8 TO B.M.104-7 + 31.341
	6998		255			1514		244		
	6743		255			1270		243		
	6488		510			1027		487		
17	20229	6.743		18653		3811	1.270		18649	
	9828		335			6982		340		+90.169
	9493		332			6642		340		-58.828
	9161		667			6302		680		+31.341
18	28482	9.494		19320		19926	6.642		19329	
		90.169					68.828			

F.B. 2416 P. 212

F.B. 2416 P.G.

BM 104-7
AVE "M", OPPOSITE HO # 3356
SEE F.B. 2416-129-6R DESC.

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather CLEAR Inst. No Nr.142552
Notes by J.MOODY Time 10:40 to 11:15 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M.104-7 To B.M.104-8
Date 3-7-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7028		338		#15	9873		333		B.M. 104-7
	6690		337			9540		334		AVE. "M", OPPOSITE HO. # 3956
	6353		675			9206		667		SEE F.B. 2416-129 FOR DESC.
1	20.071	6.690		675	50°	28.619	9.540		667	
	1043		245			6923		262		G. E. DREIER
	1198		246			6671		253		
	0962		491			6418		505		
2	3.593	1.198		1166		20.012	6.671		1172	
	3307		627			7477		630		
	2680		628			6847		630		
	2052		1255			6217		1260		
3	8.039	2.680		2421		20.541	6.847		2432	
	5166		629			4833		630		
	0537		632			4203		631		
	3905		1261			3572		1261		
4	13.608	4.536		3682		12.608	4.203		3693	
	6081		630			6587		634		
	5451		629			5953		633		
	4822		1259			5320		1267		
5	16.354	5.451		4991		17.860	5.953		4960	
	20555					33.214				

F.B. 2416 P.G. 213

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No NR 142552
Notes by J. Moody Time 10:40 to Rod No. 15 916

Name **A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 104-7 To B.M. 104-8
Date 3-6-58
Indexed A. C. Johnson

F.B. 2416 P.G. 214

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5269	20.555'	632	4.941'		6827	33.214'	635	4.960'	
	4637		631			6192		633		
	4006		1263'			5569		1268'		
6	13912'	4.637'		6.204		18578'	6.193'		6.228	
	6670		630			4803		630		
	6040		629			4173		629		
	8011		1259'			3501		1259'		
7	18121'	6.040'		7.463		12520'	4.173'		7.487	
	7459		632			5938		627		
	6827		636			5311		629		
	6192		1267'			4682		1256'		
8	20478'	6.826'		8.730		15931'	5.310'		8.743	
	4405		631			5402		624		B.M. 104-8 (F 489, 1955)
	3774		634			4778		626		AVE M. & 40TH ST. W.
	3140		1265'			4152		1250'		SEE F.B. 2416-130 FOR DES
9	11319'	3.773'		9.995		14332'	4.777'		9.993	
	5438		631			8057		629		SUMMATION OF RUN
	4807		634			7828		628		B.M. 104-7 TO B.M. 104-8
	4173		1265'			7200		1257'		TOTAL BACKSIGHTS
10	14418'	4.806'		11.260		23485'	7.824'		11.250	TOTAL FORESIGHTS
		46.637'					61.495'			DIFF IN ELEVATION

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NR 192552
Notes by J. MOODY Time 10:40 to 11:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE1
Job No. 0301.02
From BM 104-7 To BM 104-8
Date 3-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4493	46637	635	11.260		7197	61495	630	11.250	
	3858		636			6567		631		
	3222		1271			5936		1261		
11	11.573	3858		12531		19.700	6567		12511	
	4677		626			7926		624		
	4051		624			7302		623		
	3427		1250			6679		1247		
12	12155	4.052		13781		21.907	7302		13758	
	4701		624			7570		628		
	4077		625			6942		629		
	3452		1249			6313		1257		
13	12230	4.077		15030		20825	6.942		15015	
	0969		240			8578		206		BM.104-8
	0729		240			8372		208		AVE M & 40th St W.
	0489		480			8164		414		SEE F.B. 2416-130 for DESC.
14	2.187	0.729		15510		25114	8.371		15429	
									15,510	SUMMATION OF BOX
									30.939	BM 104-7 to BM 104-8
									0.59 mi.	TOTAL BACKSIGHTS + 59.353
										TOTAL FORESIGHTS − 90.677
		59.353					90.677			DIFF'N ELEV. − 31.324

F.B. P.G.

F.B. 2416 PG. 215

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NT 192552
Notes by J. MOODY Time 1:20 to 2:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-8 To BM 104-7
Date 3-7-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8893		225		#15	1218		221		BM 104-8
	8668		225			1027		221		AVE "M" & 40th ST. W.
	8443		450			0806		441		SEE F.B. 2416-130 FOR DESC.
1	26004	8668		450	50°	3081	1027		441	
	7559		627			4690		624		
	6932		625			4066		626		T DREIER
	6307		1252			3440		1250		
2	20798	6933		1702		12196	4065		1691	
	7973		623			4725		627		
	7350		623			4098		627		
	6727		1246			3471		1254		
3	22050	7350		2948		12294	4098		2945	
	7234		636			0523		631		
	6599		635			3892		632		
	5964		1270			3260		1263		
4	19797	6599		4218		11675	3892		4208	
	8447		629			5429		633		
	7818		628			4796		634		
	7190		1257			4162		1267		
5	23955	7818		5475		14387	4796		5475	
	37368					17878				

F.B. 2416 Pg. 216

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

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 142552 Name L. A. CO. PRECISE LEVEL NE
Notes by J. MOODY Time 1:20 to 2:00 Rod No. 15 & 16 Job No. 2301.02
From BM 104-8 To BM 104-7
Date 3-7-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5372	37.368	624	5475		4376	17.878	633	5475	
	4708		626			3743		633		
	4122		1250			3110		1266		
6	12242	4.747		6725		11229	3.743		6741	
	5780		628			7300		633		
	5152		629			6667		633		
	4523		1257			6034		1266		
7	16455	5.152		7982		20001	6.667		8007	
	4923		630			6794		630		
	4293		626			6162		630		
	3667		1256			5532		1260		
8	12883	4.294		9238		18486	6.162		9267	
	6818		635			5258		629		
	6183		632			4629		629		
	5551		1267			4000		1258		
9	18552	6.184		10505		15887	4.629		10525	
	6598		631			6093		629		
	5967		634			5464		632		
	5333		1265			4832		1261		
10	17898	5.966		11770		16389	5.463		11786	
	63711					44542				

F.B. 2416 P.G. 217

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by J. Moody Time 1:20 to 2:00 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 0301.07
From B.M. 104-8 To B.M. 104-7
Date 3-7-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4752	63.711	631	11.770		5083	44.542	630	11.786	
	4121		631			0453		630		
	3490		1262			3823		1260		
11	12363	4121		13032		13359	4.453		13046	
	7182		635			3003		623		
	6547		635			2380		626		
	5912		1275			1754		1249		
12	19641	6.547		14302		7137	2.380		14295	
	6888		253			1407		246		
	6635		253			1161		244		
	6382		506			0917		490		
13	19905	6.635		14808		34854	1.162		14785	
	9813		333			6968		338		B.M. 104-7
	9480		333			6630		338		AVE "M", OPPOSITE HD 3356
	9147		666			6292		676		SEE F.B. 2416-129 FOR DESC
14	29442	9.480		15474		19890	6.630		15461	

F.B. 2416 P.G. 218

SUMMATION OF RUN
B.M. 104-8 TO B.M. 104-7
TOTAL BACKSIGHTS +90.494
TOTAL FORESIGHTS −59.167
DIFF IN ELEVATION +31.327

90.494 59.167

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No Nr. 142552
Notes by G. E. DREIER Time 2:05 TO 2:45 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-9 To B.M. 104-11
Date 2-28-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2742		622		#15	8178		637		B.M. 104-9 (G-489 1955) RUNWAY
	2,120		620			7,541		636		E. END QUARTZ HILL AIRPORT
	1,500		1,242			6,905		1,273		SEE F.B 2416-130 FOR DESC.
1	6,362	2,121		1,242		22,624	7,541		1,273	
	4474		372			6693		371		⊼ J. MOODY
	4,102		373			6,322		370		
	3,729		745			5952		741		
2	12,305	4,102		1,987		18,967	6,322		2,014	
	4,375		638			7,472		637		
	3,737		638			6,835		637		
	3099		1,276			6,198		1,274		
3	11,211	3,737		3,263		20,505	6,835		3,288	
	4,072		637			7,711		635		B.M. 104-9 TO B.M. 104-10
	3,435		639			7,076		637		+17,342
	2,796		1,276			6,439		1,272		-34,377
4	10,303	3,434		4,539		21,226	7,075		4,560	DIFF IN ELEV. -17,035
	4,574		626			7,229		625		B.M. 104-10 (H 489 1955)
	3,948		627			6,604		624		QUARTZ HILL AIRPORT WINDSOCK
	3,321		1,253			5,980		1,249		SEE F.B. 2416-131 FOR DESC.
5	11,843	3,948		5,792		19,813	6,604		5,809	
		17,342					34,377		5,792	
									11,601	
									= 0.22 M. .008	

F.B. 2416 P.G. 219

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. W-142552
Notes by G. E. DREIER Time 2:05 TO 2:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-9 To B.M. 104-11
Date 2-28-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3941		365	5.792		5.881		372	5.809	
	3.576		366			5.509		373		
	3.210		731			5.136		745		
6	10.727	3.576		6.523		16.526	5.509		6.554	
	3.071		627			6.715		638		
	2.444		626			6.077		637		
	1.818		1.253			5.440		1.275		
7	7.323	2.444		7.776		18.232	6.077		7.829	
	6.830		632			4.768		627		
	6.198		633			4.141		628		
	5.565		1265			3.513		1255		
8	18.593	6.195		9.041		12.424	4.141		9.084	B.M. 104-10 TO B.M. 104-11
	6.612		627			4.628		627		+24.467
	5.985		627			4.001		624		- 25.037
	5.358		1254			3.377		1.251		DIFF IN ELEV. - 0.570
9	17.955	5.985		10.295		12.006	4.002		10.335	
	6.892		628			5.933		625		
	6.264		627			5.308		625		B.M. 104-11 (J 489, 1955)
	5.637		1255			4.683		1.250		QUARTZ HILL AIRPORT
10	18.793	6.264		11.550		15.924	5.308		15.585	SEE F.B. 2416-131 FOR DESC.
		24.467					25.037			

FB 2416 PG 220

0.44mi.

76P526 S & E #379 1-54

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No NR. 142552
Notes by G. E. DREIER Time 1:10 TO Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-11 To B.M. 104-9
Date 2-28-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5938		623			6901		630		B.M. 104-11 (J 489 1955)
	5.315		623			6.271		630		QUARTZ HILL AIRPORT
	4.692		1.246			5.641		1260		SEE F.B. 2416-131 FOR DESC.
1	15,945	5.315		1.246		18,813	6.271		1260	
	4.615		626			6,600		628		↑ J. MOODY
	3.989		622			5.972		629		
	3.367		1.248			5.343		1.257		
2	11.971	3.990		2,494		17.915	5.972		2.517	
	4.753		624			6,818		634		
	4.129		628			6,184		632		
	3.501		1.252			5.552		1.266		
3	12.383	4.128		3.746		18.554	6.185		3,783	B.M. 104-11 TO B.M. 104-10
	6,640		636			2.992		624		+24.909
	6,004		640			2,368		626		-24.334
	5.364		1.276			1,742		1250		DIFF IN ELEV. +0.575
4	18.068	6.003		5022		7.102	2.367		5.033	
	5,848		375			3902		363		B.M. 104-10 (H489 1955)
	5.473		375			3.539		363		QUARTZ HILL AIRPORT AT
	5.098		750			3.176		726		WIND SOCK
5	16,419	5.473		5,772		10.617	3.539		5.759	SEE F.B. 2416-131 FOR DES
	24.909					24.334			5.772	
									11.531	
									= 0.22 bri. ODS	

F.B. 2416 P.G. 221

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No Nr. 142552
Notes by G.E. DREIER Time 1:10 TO 2:05 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 230.1.02
From B.M. 104-11 To B.M. 104-9
Date 2-28-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.213		624	5.772		4.558		626	5.759	
	6.589		624			3.932		629		
	5.965		1.248			3.303		1.255		
6	19.767	6.589		7.020		11.793	3.931		7.014	
	7.830		633			4193		639		
	7.197		635			3.554		639		
	6.562		1.268			2.915		1.278		
7	21.589	7.196		8.288		10.662	3.554		8.292	
	7.489		635			4393		640		
	6.854		636			3.753		640		
	6.218		1.271			3.113		1.280		
8	20.561	6.854		9.559		11.259	3.753		9.572	
	6.788		371			4567		371		B.M. 104-10 to B.M. 104-9
	6.417		372			4.196		371		+34.518
	6.045		743			3.825		742		-17.476
9	19.250	6.417		10.302		12.588	4.196		10.314	DIFF IN ELEV. +17.042
	8.100		638			2662		620		
	7.462		639			2.042		620		B.M. 104-9 (G 489 1955)
	6.823		1.277			1.422		1.240		E. END RUNWAY QUARTZ HILL AIRPORT
10	22.385	7.462		11.579		6.126	2.042		11.554	SEE F.B 2416-130 FOR DESC
	34.518					17.476				

F.B. 2416 P.G. 222

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. Nr 142552
Notes by G. E. DREIER Time 2:45 TO 3:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-11 To B.M. 104-12
Date 2-28-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.969		628		#15	3.429		625		B.M. 104-11 (J 489 1955)
	6.341		628			2.804		625		QUARTZ HILL AIRPORT
	5.713		1256			2.179		1250		SEE F.B. 2416-131 FOR DESC.
1	19.023	6.341		1.256	55°	8.412	2.804		1.250	
	6.917		629			3.973		632		T J. MOODY
	6.288		627			3.341		631		
	5.661		1.256			2.710		1.263		
2	18.866	6.289		2.512		10.024	3.341		2.513	
	8.249		596			1.468		555		
	7.653		595			0.913		552		
	7.058		1.191			0.361		1.107		
3	22.960	7.653		3.703		2.742	0.914		3.620	
	9.577		422			1.759		427		
	9.155		422			1.332		427		
	8.733		844			0.905		854		
4	27.465	9.155		4.547		3.996	1.332		4.474	
	9.717		452			1.237		456		
	9.265		450			0.781		454		
	8.815		902			0.327		910		
5	27.797	9.266		5.449		2.345	0.782		5.384	
	38.704					9.173				

F.B. 2416 PG. 223

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE SCAT. CLOUDS Inst. No Nr. 162552
Notes by G.E.DREIER Time 2:45 TO 3:30 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-11 To B.M. 104-12
Date 2-28-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.738	38.704	382	5.449		1.128	9.173	383	5.384	
	16.356		381			0.745		384		
	9.975		763			0.361		767		
6	31.069	10.356		6.212		2.234	0.745		6.151	
	10.163		621			6.460		627		
	9.542		621			5.833		625		
	8.921		1242			5.208		1.252		
7	28.626	9.542		7.454		17.501	5.834		7.403	
	4.564		621			1.905		651		
	3.943		621			1.254		652		
	3.322		1242			0.602		1303		
8	11.829	3.943		8.696		3.761	1.254		8.706	
	11.942		628			1.781		614		
	11.314		628			1.167		616		
	10.686		1256			0.551		1230		
9	33.942	11.314		9.952		3.499	1.166		7.936	
	11.640		512			1.482		494		
	11.128		513			0.988		496		
	10.614		1025			0.492		990		
10	33.383	11.128		10.977		2.962	0.987		10.926	
		84.987					19.159			

F.B. 2416 P.G. 224

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather SCAT. CLOUDS Inst. No. NK142552
Notes by G.E. DREIER Time 2:45 TO 3:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-11 To B.M. 104-12
Date 2-28-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.905	84.987	402	10.977		1,062	19.159	411	10.926	
	11.503		401			0.651		410		B.M. 104-12
	11.102		803			0.241		821		AVE. M. & 47TH ST. W.
11	34.510	11.503		11.780		1,954	0.651		11.747	SEE F.B. 2416-132 FOR DESC
									11.780	
									23.527	
									= 0.045 m	
										SUMMATION OF RUN
										B.M. 104-11 TO B.M. 104-12
										TOTAL BACKSIGHTS +96.490
										TOTAL FORESIGHTS -19.810
										DIFF IN ELEVATION +76.680
										F.B. 2416 P.G. 225
	96.490					19.810				

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather SCAT. CLOUDS Inst. No Nr. 142552
Notes by T. OHASHI Time 2:20 TO 2:55 Rod No 15 & 16

Name L.A. Co. PRECISE LEVEL NET
Job No 0301.02
From B.M. 104-12 To B.M. 104-11
Date 3-3-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1029		407		#15	11875		400		B.M. 104-12
	0622		407			11475		399		AVE. M & 47TH ST. W.
	0215		814			11076		799		SEE F.B. 2416-132 FOR DESC.
1	1866	0.622		814		34426	11.475		799	
	1432		503			11577		509		T J. MOODY
	0929		504			11068		510		
	0425		1007			10558		1019		
2	2786	0.929		1921		33203	11.068		1818	
	1489		632			11620		615		
	0857		632			11005		615		
	0225		1264			10390		1230		
3	2571	0.857		3085		33015	11.005		3048	
	1867		652			45271		624		
	1215		653			39903		622		
	0562		1305			32981		1246		
4	3644	1.215		4390		117111	3.904		4294	
	6358		601			10108		647		
	5757		602			9461		644		
	5155		1203			8817		1291		
5	17270	5.757		5593		28386	9.462		5585	
		9.380					46.914			

F.B. 2416 PG. 226

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Scat. Clouds Inst. No. Nr 142552
Notes by T. OWASHI Time 2.20 TO 2:55 Rod No 15 #16

L. A. CO. PRECISE LEVEL NET
Name
Job No 0301.02
From B.M. 104-12 To B.M. 104-11
Date 3-3-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.027	9.380	388	55.93		10628	46.914	372	55.85	
	0639		384			10253		372		
	0255		772			9881		744		
6	1921	0.640		6.365		30.759	10.253		6.329	
	1169		454			9649		451		
	0715		454			9198		451		
	0261		908			8747		902		
7	2145	0.715		7.273		27594	9.198		7.231	
	1858		423			9682		427		
	1435		425			9255		427		
	1010		848			8828		854		
8	4303	1.434		8.121		27765	9.255		8.085	
	1677		565			8433		582		
	1112		565			7851		583		
	0547		1130			7268		1165		
9	3336	1.112		9.251		23552	7.851		9.250	
	4012		632			6953		628		
	3380		631			6325		628		
	2749		1263			5697		1256		
10	10141	3.380		10.514		18975	6.325		10.506	
	16.661					89.796				

F.B. 2416 P.G. 227

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCAT. - CLOUDS Inst. No NR 142552
Notes by T. OHASHI Time 2:20 TO 2:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-12 To B.M. 104-11
Date 3-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3478	16.661	621	10514		7024	89.796	629	10506	
	2857		623			6395		630		B.M. 104-11
	2234		1244			5765		1259		AT QUARTZ HILL AIRPORT
11	8.569	2.856		11758		19.184	6.395		11.765	SEE F.B. 2416-131 FOR DESC.
										SUMMATION OF RUN
										B.M. 104-12 TO B.M. 104-11
										TOTAL BACKSIGHTS +19.517
										TOTAL FORESIGHTS -96.191
										DIFF IN ELEVATION -76.674
		19.517					96.191			

F.B. 2416 P.G. 228

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 NK 142552
Notes by G.E. DREIER Time 9.15 TO Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 104-12 To B.M. 104-13
Date 3-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	11.332 10.708 10.081 32.121	10.707	624 627 1.251 1.251		#15 56°	1.633 1.028 0.422 3.083	1.028	605 606 1.211 1.211		B.M. 104-12 AVE. M & 47th ST. W. SEE F.B. 2416-132 FOR DESC
2	1.401 0.942 0.482 2.825	0.942	459 460 919 2.170			10.245 9.790 9.339 29.374	9.791	455 451 906 2.117		T. OHASHI
3	1.550 1.095 0.639 3.284	1.095	455 456 911 3.081			5.959 5.495 5.031 16.485	5.495	464 464 928 3.045		
4	6.050 5.420 4.790 16.260	5.420	630 630 1.260 4.341			6.835 6.207 5.579 18.621	6.207	628 628 1.256 4.301		
5	3.682 3.056 2.430 9.168	3.056	626 626 1.252 5.593			5.955 5.329 4.705 15.989	5.330	626 624 1250 5551		
		21.220					27.851			

F.B. 2416 P.G. 229

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No NK 142552
Notes by G. E. DREIER Time 9:15 TO 9:55 Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NET

Name
Job No. 0.301.02
From B.M. 104-12 To B.M. 104-13
Date 3-3-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2350	21.220	420	5.593		11.672	27.851	411	5.551	
	1.930		420			11.261		411		
	1.510		840			10.850		822		
6	5.790	1.930		6.433		33.783	11.261		6.373	
	1110		163			10745		190		
	0.947		164			10.555		190		
	0.783		327			10.365		380		SUMMATION OF RUN
7	2.840	0.947		6.760		31.665	10.555		6.753	B.M. 104-12 TO B.M. 104-13
	0720		242			10.377		249		TOTAL BACKSIGHTS +33.598
	3.478		243			10.128		250		TOTAL FORESIGHTS -71.855
	0.235		485			9.878		499		DIFF IN ELEVATION -38.257
8	1.433	0.478		7.245		30.383	10.128		7.252	
	4.933		627			5940		622		
	4.306		629			5.318		625		
	3.677		1.256			4693		1.247		
9	12.916	4.305		8.501		15.951	5.317		8.499	
	5080	28.880	361			7.106	65.112	364		
	4.719		363			6.742		362		B.M. 104-13
	4.356		724			6.380		726		AVE. M. & 50TH ST. W.
10	14.155	4.718		9.225		20.228	6.743		9.225	SEE F.B. 2416-133 FOR DESC
		33.598					71.855		9225	

F.B. 2416 P.G. 230

18.4 5-0 = 0.35 MI. .0102

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by J. MOODY Time 1:45 to 2:15 Rod No. 15 & 16

Name PRECISE LEVEL NET
Job No. 0301.02
From BM 104-13 To BM 104-12
Date 3-3-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6720		370		#16	4689		364		BM 104-13
	6350		371			4325		363		AVE "M" & 50th ST. W.
	5979		741'			3962		727'		SEE F.B. 2416-133 FOR DESC.
1	19.049'	6.350'		.741'	56°	12.976'	4.325'		.727'	
	5929		622			4925		628		
	5306		623			4297		629		
	4683		1245'			3668		1257'		T OHASHI
2	16.918'	5.306'		1.986		12.890'	4.297'		1.984	
	10.396		248			0.750		252		
	10.147		248			0498		252		
	9.899		496'			0.246		504'		
3	30.441'	10.147'		2.482'		1.494'	0.498'		2.488'	
	10.209		178			0.599		175		
	10.031		178			0.424		175		
	9853		356'			0.249		350'		
4	30.093'	10.031'		2.838'		1.272'	0.424'		2.838'	
	11.932		414			2600		413		
	11.518		417			2.187		415		
	11.101		831'			1772		828'		
5	34.551'	11.517'		3.669'		6.559'	2.186'		3.666'	
	43.351'					11.730'				

F.B. 2416 P.G. 231

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 NK 142552
Notes by J. MOORE Time 1:45 to 2:15 Rod No 15 & 16

Name PRECISE LEVEL NET
Job No. 0301.02
From BM 104-13 To BM 104-12
Date 3-3-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5890	43.351'	626	3.669'		3618	11.730'	625	3.666'	
	5264		625			2993		624		
	4639		1251'			2369		1249'		
6	15.793'	5.264'		4.920'		8.980'	2.993'		4.915'	
	6633		626			5850		629		
	6007		627			5221		631		
	5380		1253'			4590		1260'		
7	18.020'	6.007'		6.173'		18.661'	5.220'		6.175'	
	5713		464			1303		454		
	5249		467			0849		456		
	4782		931'			0393		910'		
8	15.744'	5.248'		7.104'		2545'	0.848'		7.085'	SUMMATION OF RUN
	10.102		453			1260		460		B.M. 104-13 TO B.M. 104-12
	9649		453			0800		460		TOTAL BACKSIGHTS +70.350'
	9196		906'			0340		920'		TOTAL FORESIGHTS -32.101'
9	28.947'	9.649'		8.010'		2.400'	0.800'		8.005'	DIFF IN ELEVATION +38.249'
	1.460		630			11.112		602		
	0830		626			10.510		602		
	0204		1256'			9.908		1204'		BM 104-12
10	2.494'	0.831'		9.266'		31.530'	10.510'		9.209'	AVE M & 47th St. VAL.
		70.350'					32.101'			SEE F.B. 2416-132 FOR DESC.

F.B. 2416 P.G. 232

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 Nr. 142552
Notes by J. MOODY Time 9.55 TO 10.35 Rod No 15 & 16

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0301.02
From B.M. 104-13 To B.M. 104-14
Date 3-3-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6129		633		#15	7125		619		B.M. 104-13
	5496		636			6506		618		AVE. M. & 50TH ST. W.
	4860		1269			5888		1237		SEE F.B. 2416-133 FOR DESC
1	16.485	5.495		1269	56°	19.519	6.506		1237	
	5468		625			6457		629		
	4843		624			5828		629		
	4219		1259			5199		1258		↑ G. E. DREIER
2	14.530	4.843		2528		17.484	5.828		2495	
	6283		622			5839		600		
	5661		622			5239		599		
	5039		1244			4640		1199		
3	16.983	5.661		3772		15.718	5.239		3694	
	6543		625			5207		624		
	5918		625			4583		623		
	5293		1250			3960		1247		
4	17.754	5.918		5022		13.750	4.583		4941	
	6549		626			5064		624		
	5923		626			4440		627		
	5297		1252			3813		1251		
5	17.769	5.923		6274		13.317	4.439		6192	
		27.840					26.595			

F.B. 2416 P.G. 133

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 CLEAR Inst. No NK 19251 2
Notes by J. MOODY Time 9:55 TO 10:35 Rod No. 1596

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 104-13 To BM 104-14
Date 3-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6667	27.840	628	6.274		5842	26.595	623	6.192	
	6039		626			4919		621		
	5413		1254	✓		4298		1244	✓	
6	18.119	6.040		7.528		14.759	4.920		7.436	
	6324		622			5568		625		
	5702		622			4963		624		
	5080		1244	✓		4319		1249	✓	
7	17.106	5.702		8.777		14.830	4.943		8.685	
	6663		625			5614		625		
	6038		625			4989		625		
	5413		1250	✓		4364		1250	✓	
8	18.114	6.038		10.022		14.967	4.989		9.935	
	6257		627			5267		617		
	5630		624			4650		618		
	5006		1251	✓		4032		1235	✓	
9	16.893	5.631		11.273		13.949	4.650		11.170	
	6413		627			5292		619		
	5786		629			4673		621		
	5157		1256	✓		4052		1240	✓	
10	17.356	5.785		12.529		14.017	4.672		12.410	
		57.036					50.769			

F.B. 241, L.P.G. 234

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 102552
Notes by J. MOODY Time 7:55 to 10:35 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. Q 301.02
From BM 103-13 To BM 104-14
Date 3-3-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6115	57.036	383	12.529		7111	50.769	447	12.410	+62.768
	5732		383			6664		446		-57.433
	5349		766			6218		893		+5.335
11	17.196	5.732		13295		19.993	6.664		13303	
		62.768					57.433		13.295	BM 104-14A
									26.598	AVE M & 55th ST W, E INTER
									= 0.50 MI	SEE F.B. 2416-134 FOR DESC.
	7529		138			2805		131		
	7391		139			2674		131		+7.391
	7252		277			2543		262		-2.674
12	22172	7.391		13572		7.022	2.674		13565	+4.717
									0.01 MI	BM 104-14
										AVE M & 55th ST W, S.W. COR.
										SEE F.B. 2416-134 FOR DESC.
										F.B. 2416 P.G. 235
						SUMMATION OF RUN				
						DIFF IN ELEV. B.M. 104-13 TO B.M. 104-14A				+5.335
						" " " B.M. 104-14A TO B.M. 104-14				+4.717

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK 142552
Notes by J. MOODY Time 1110 to 1140 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-14 To BM 104-13
Date 3-3-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2853		132		#15	7576		139		BM 104-14
	2721		131			7437		140		AVE "M" & 55th St. W., S.W. COR
	2590		263	✓		7297		279	✓	SEE L.B. 2416-134 FOR DESC.
1	8.164	2.721		263	56°	22.310	7.437		279	+2.721 ✓
										-7.437 ✓
										-4.716 ✓
										BM 104-14A
										AVE "M" & 55th St. W., & INTER.
										SEE L.B. 2416-134 FOR DESC.
	7214		423			6262		404		
	6791		423			5858		406		
	6368		846	✓		5452		910		T G. E. DREIER
2	20.373	6.791		1109		17.572	5.857		1189	
	6352		630			7477		644		
	5722		628			6833		642		
	5094		1258	✓		6191		1286		
3	17.168	5.723		2367		20.501	6.834		2475	
	6404		629			7438		642		
	5815		627			6796		643		
	5188		1256	✓		6153		1285		
4	17.447	5.816		3623		20.387	6.796		3760	
		18.330					19.487			

F.B. 2416 P.G. 236

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. AIC 142552
Notes by J. Moody Time 1:10 to 1:40 Rod No. 15 & 16

Name PRECISE LEVEL NET
Job No. 0.30.1.02
From BM 104-14 To BM 104-13
Date 3-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6340	18.330	642	3.623		7382	19.487	685	3760	
	5698		641			6747		638		
	5057		1283			6109		1273		
5	17.095	5.698		4906		20.238	6.746		5033	
	6361		643			7109		631		
	5718		646			6478		630		
	5072		1289			5848		1261		
6	17.151	5.717		6195		19.435	6.478		6294	
	6240		641			7358		639		
	5599		640			6719		637		
	4959		1281			6082		1276		
7	16.798	5.599		7476		20.159	6.720		7570	
	5985		635			7419		646		
	5350		637			6833		644		
	4713		1272			6189		1290		
8	16.048	5.349		8748		20.501	6.834		8860	
	5852		631			7201		646		
	5221		630			6555		645		
	4591		1261			5910		1291		
9	15664	5.221		10009		19666	6.555		10151	
	45.914					52.820				

F.B. 2416 P.G. 237

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by J. MOODY Time 1:10 to 1:40 Rod No. 15 & 16

Name PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-14 To B.M. 104-13
Date 3-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6031	45.914	620	10.009		6076	52820	644	10.151	
	5411		620			5832		643		
	0791		1240			5189		1287		
10	16233	5.411		11249		17497	5.832		11439	
	6458		629			5070		624		
	5829		630			4846		626		
	5199		1259			4220		1250		+ 63.730
11	17086	5.829		12508		10536	4.845		12689	- 69.065
	7238		661			6158		590		- 5.335
	6577		664			5568		590		
	5913		1325			4978		1180		
12	19728	6.576		13833		16704	5.568		13868	
		63.730					69.065			
										B.M. 104-13
										AVE 1/2 of 50th St W.
										SEE F.B. 2416-133 FOR DESC.
						SUMMATION OF RUN				
						DIFF IN ELEV. B.M. 104-14 TO B.M. 104-14A				- 4.716
						" " " B.M. 104-14A TO B.M. 104-13				- 5.335

F.B. 2416 P.G. 238

NOTES RED. JOB NO. 0301.02 SURVEY OF PRECISE LEVEL NET F.B. 2446 PG. 253

DATE SURVEY BY J. S. COATES

NOTES CHKD. NOTES BY JSC DATE 10-1-70

DATE CHECKED O. J. GALLI DATE 10 5 70

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

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RETURN TO LOS ANGELES COUNTY SURVEYOR 725 LOS ANGELES COUNTY ENGINEERING BLDG.

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 0301.02 PRECISE LEVEL NET #104 TRANSFER OF ELEVATION ON BM 104-2 TO NEW BM 104-2B			COATES VAN NESS ADAMS BITTEL			

765420 S & E-383 4-54

JOB NO 0301.02 SURVEY OF PRECISE LEVEL NET #104 NOTES RED
SURVEY BY J.S. COATES DATE
NOTES BY JSC DATE 11-17-70 NOTES CHKD
INDEXED [redacted] GALLI DATE DATE

F.B. 2416 Pg. 254

769420 S & E 2-63 4-54

LOS ANGELES COUNTY

725 LOS ANGELES COUNTY

					[illegible] 10th St. W; A C.B. Mon in H.H. and inscribed "County Surveyor MONUMENT" Section Cor. 3,4,33,34 T7N T6N R12W 1928"
+	5.916		6.029		
⊼	2528.526	+1.833	+1.830	+1.8315	
−	4.083		4.199		
FD BM104-2	2524.443			2524.442	BM104-2 Elev. 2524.443 F.B. 2416-124 (1968 Adj) SW of LANCASTER AT AVE. M & 10th St. W 61.5' E & 3[illegible] N. of the ℄ INT. 3.8' W of P.P. #1055 [illegible] 1.5 E of W.T. POST, A U.S.C&GS disc set [illegible] above St. Elev. [illegible] of Conc. post 0.3 above the ground and marked "C489, 1955"
+	4.262		4.413		
⊼	2528.705	−1.114	−1.115	−1.1145	
−	5.376		5.528		
SET BM104-2B	2523.329			2523.326	BM104-2B Elev. F.B. AVE. M & 10th St. W. NE Cor.
+	5.087		5.200		
⊼	2528.416	−0.714	−0.718	−0.7160	B.S. in curb 2' W. of E. end curb return
−	5.801		5.918		
FD BM104-2A	2522.615			2522.610	BM104-2A Elev. 2522.610 F.B. 2416-124 See above

adj RDB

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 NA142552
Notes by G. E. DREIER Time 10:40 TO 11:20 Rod No. 15 #16

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 104-14 To B.M. 104-15
Date 3-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5260		632			5.663		622		B.M. 104-14
	4.628		635			5.041		622		AVE. M & 55TH ST. W
	3993		1.267			4.419		1.244		SEE F.B. 2416-134 FOR DESC.
1	13.881	4.627		1.267		15.123	5.041		1.244	
	6.612		641			4812		610		T J. MOODY
	5.971		642			4.202		612		
	5.329		1.283			3.590		1.222		
2	17.912	5.971		2.550		12.604	4.201		2.466	
	6.530		625			5.193		621		
	5.905		625			4.572		621		
	5.280		1.250			3.951		1.242		
3	17.715	5.905		3.800		13.716	4.572		3.708	
	6.268		605			5.482		650		
	5.663		602			4.832		649		
	5.061		1.207			4.183		1.299		
4	16.992	5.664		5.007		14.497	4.832		5.007	
	6.376		625			5.142		620		
	5.751		624			4.522		623		
	5.127		1.249			3.899		1.243		
5	17.254	5.751		6.256		13.563	4.521		6.250	
	27.918					23.167				

F.B. 2416 P.G. 2 39

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr. 142552
Notes by G. E. DREIER Time 10:40 TO 11:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 104-14 To B.M. 104-15
Date 3-3-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.607	27.918	629	6.256		4.877	23.167	624	6.250	
	5.978		627			4.253		621		
	5.351		1.256			3.632		1.245		
6	17.936	5.979		7.512		12.762	4.254		7.495	
	6.711		628			5.037		625		
	6.083		626			4.412		623		
	5.457		1.254			3.789		1.248		
7	18.251	6.084		8.766		13.238	4.413		8.743	
	6.501		624			5.228		630		
	5.877		625			4.598		628		
	5.252		1.249			3.970		1.258		
8	17.630	5.877		10.015		13.796	4.599		10.001	
	6.489		621			5.298		627		
	5.868		621			4.671		630		
	5.247		1.242			4.041		1.257		
9	17.604	5.868		11.257		14.010	4.670		11.258	
	6.862		626			4.655		623		
	6.236		626			4.032		622		
	5.610		1.252			3.410		1.245		
10	18.708	6.236		12.509		12.097	4.032		12.503	
		57.962					45.135			

F.B. 2416 P.G. 240

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No Nr. 14255
Notes by G. E. DREIER Time 10:40 TO 11:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 104-14 To B.M. 104-15
Date 3-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6483	57.962	315	12.509		6,756	45.135	325	12.503	
	6,168		315			6,431		326		B.M. 104-15
	5,853		630			6,105		651		AVE. M & 60th ST. W
11	18,504	6,168		13.139		19.292	6.431		13.154	SEE F.B. 2416-135 FOR DESC
									13.139	
									26.293	
									~~0.05~~ MI	
									0.50 mi	
										SUMMATION OF RUN
										B.M. 104-14 TO B.M. 104-15
										TOTAL BACKSIGHTS + 64.130
										TOTAL FORESIGHTS - 51.566
										DIFF. IN ELEVATION + 12.564
		64.130					51.566			

F.B. 2416 P.G. 241

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party **G. E. DREIER** Weather HAZE Inst. No Nr 142552
Notes by G. E. DREIER Time 11:30 TO Rod No 15 #16

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0301.02
From B.M. 104-15 To B.M. 104-14
Date 3-3-58
Indexed E. C. Johnson

F.B. 2416 P.G. 242

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6 789		326		#15	6 515		315		BM 104-15
	6.463		324			6.200		316		AVE. m & 60th ST. W.
	6.139		6504			5.884		631		SEE F.B. 2416-135 FOR DESC
1	19.391	6.464		.650	56°	18.599	6.200		631	
	4637		627			6,833		620		
	4.010		627			6.213		621		
	3.383		1.254			5592		1241		T J. MOODY
2	12.030	4.010		1.904		18.638	6.213		1.872	
	5.202		626			6.397		622		
	4,576		627			5.775		622		
	3.949		1.253			5153		1.244		
3	13.727	4.576		3.157		17.325	5.775		3.116	
	5.268		630			6538		623		
	4.638		630			5.915		622		
	4008		1.260			5.292		1.245		
4	13.914	4.638		4.417		17.745	5.915		4.361	
	5.023		630			6.686		621		
	4.393		630			6.065		620		
	3.763		1.260			5.445		1241		
5	13.179	4.393		5.677		18.196	6.065		5.602	
		24.081					30.168			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK 142552
Notes by G.E.DREIER Time 11:30 TO Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 104-15 To B.M. 104-14
Date 3-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.781	24.081	628	5.677		6.498	30.168	620	5.602	
	4.153		628			5.878		623		
	3.525		1.256	6.9		5.255		1.243		
6	12.459	4.153		~~5.8~~ 33		17.631	5.877		6.845	
	5.272		627			6.493		616		
	4.645		627			5.877		617		
	4.018		1.254	8.187		5.260		1.233		
7	13.935	4.645		~~7.687~~		17.630	5.877		8.078	
	5.473		626			6.301		624		
	4.847		628			5.677		625		
	4.219		1.254	9.4		5.052		1.249		
8	14.539	4.846		~~8.341~~		17.030	5.677		9.327	
	5.198		625			6.532		623		
	4.573		624			5.909		621		
	3.949		1.249	10.690		5.288		1.244		
9	13.720	4.573		~~9.590~~		17.729	5.910		10.571	
	4.900		618			6.687		635		
	4.282		617			6.052		633		
	3.665		1.235	11.9		5.419		1.268		
10	12.847	4.282		~~10.825~~		18.158	6.053		11.839	
	46.580					59.562				

F.B. 2416 P.G. 243

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr. 142552
Notes by G. E. DREIER Time 11:30 TO Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 104-15 To B.M. 104-14
Date 3-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.713	46.580	623	~~10.825~~ 11.925		5.311	59.562	633	~~46.839~~ 11.4	
	5.090		622			4.678		631		B.M. 104-14
	4.468		1.245	13.170		4.047		1.264	3	AVE. M & 55TH ST. WEST
11	15.271	5.090		~~2.340~~ 1.070		14.036	4.679		12.103	SEE F.B. 2416-134 FOR DESC
										SUMMATION OF RUN
										B.M. 104-15 TO B.M. 104-14
										TOTAL BACKSIGHTS + 51.670
										TOTAL FORESIGHTS - 64.241
										DIFF IN ELEVATION - 12.571
		51.670					64.241			

F.B. 2416 P.G. 244

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather HAZE Inst. No NK142552
Notes by J MOODY Time 11:15 to 1:10 Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0.301.02
From BM 104-15 To BM 104-16
Date 3-5-58
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
	9782		628		#15	3169		636		BM 104-15
	9154		626			2533		633		AVE "M" & 60th ST. W.
	8528		1254			1900		1269		SEE F.B. 2416-135 FOR DESC.
1	27464	9.155		1254	56°	7.602	2.534		1269	
	8247		647			4272		631		
	7600		649			3641		634		T OHASHI
	6951		1296			3007		1265		
2	22798	7.599		2550		10920	3.640		2534	
	7039		621			4106		626		
	6418		620			3480		630		
	5798		1241			2850		1256		
3	19255	6.418		3791		10436	3.479		3790	
	7260		627			4509		627		
	6633		624			3882		624		
	6009		1251			3258		1251		
4	19902	6.634		5042		11649	3.883		5041	
	6050		630			3671		626		
	5420		631			3045		626		
	4789		1261			2419		1252		
5	16259	5.420		6303		9135	3.045		6293	
	35226					16581				

F.B. 2416 P.G. 245

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 C. E. DREIER Weather HAZE Inst. No. NK142552
Notes by J. MOODY Time 11:16 to 1:16 Rod No. 15 & 16

L. A. CO. PRECISE LEVEL N
Name
Job No. 0301.02
From BM 104-15 To BM 104-16
Date 3-5-58
Indexed A. C. Johnson

F.B. 2416 P.G. 246

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7183	35.226	622	6303		3168	16.581	628	6293	
	6561		622			2540		625		
	5939		1244			1915		1253		
6	19.683	6.561		7547		7.623	2.541		7546	
	8699		627			1612		624		
	8072		623			0888		625		
	7449		1250			0263		1249		
7	24.220	8.073		8797		2.663	0.888		8795	
	9071		624			2063		625		
	8447		626			1438		629		
	7821		1250			0809		1254		
8	25.339	8.446		10047		4.310	1.437		10049	
	8399		639			3335		612		
	7760		635			2723		612		
	7128		1274			2111		1224		
9	23.284	7.761		11321		8.169	2.723		11273	
	7458		615			3182		637		
	6843		613			2545		638		
	6230		1228			1907		1275		
10	20.531	6.844		12549		7.634	2.545		12548	
		72.911					26.715			

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather HAZE Inst. No. IV.C.14255
Notes by J. MOODY Time 11:15 to 1:10 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 104-15 To BM 104-16
Date 3-5-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8735	72.911	607	12529		1706	26.715	624	12548	
	8128		608			1082		622		
	7520		1215			0460		1246		
	11243	8128		13764		3248	1083		13794	
									13764	BM. 104-16
									27558	AVE M & 65th St W.
									=0.52 mi	SEE F.B. 2416-136 FOR LEVEL.
										SUMMATION OF RUN
										B.M. 104-15 TO B.M. 104-16
										TOTAL BACKSIGHTS +81.039
										TOTAL FORESIGHTS -27.798
										DIFF IN ELEVATION +53.241
										F.B. 2416 P.G. 247
		81.039					27.798			

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. NC142552
Notes by J. MOODY Time 10:30 to 11:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 104-16 To BM 104-15
Date 3-5-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2463		606		#15	9528		628		BM104-16
	1857		608			8900		627		AVE "M" & 65th A.W.
	1249		1214			8273		1255		SEE F.B. 2416 - for DESC.
1	5569	1.856		1214	54°	26701	8900		1255	
	3923		645			8202		626		
	3278		647			7576		627		π OHASHI
	2631		1292			6949		1253		
2	9832	3.277		2506		22727	7576		2508	
	4006		625			9060		644		
	3381		626			8416		646		
	2755		1251			7770		1290		
3	10142	3.381		3757		25246	8415		3798	
	2975		633			9992		642		
	2342		632			9350		640		
	1710		1265			8710		1282		
4	7027	2.342		5022		28052	9351		5080	
	2273		631			9469		641		
	1642		632			8828		643		
	1010		1263			8185		1284		
5	4925	1.642		6285		26482	8827		6364	
		12.498					43069			

F.B. 2416 P.G. 248

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From BM 104-16 To BM 104-15
Date 3-5-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3828	12.498	631	6285		7851	43.069	636	6364	
	3197		634			7215		635		
	2563		1265			6580		1271		
6	9.588	3.196		7550		21.646	7.215		7.635	
	4400		655			6739		619		
	3745		656			6120		620		
	3089		1311			5500		1239		
7	11.234	3.745		8861		18359	6.120		8.874	
	5190		638			7941		639		
	4552		637			7302		635		
	3915		1275			6667		1274		
8	13.657	4.552		10136		21910	7.303		10148	
	4773		634			7715		636		
	4139		636			7079		639		
	3503		1270			6440		1275		
9	12415	4.138		11406		21234	7.078		11.423	
	4398		636			8368		648		
	3762		633			7720		648		
	3129		1269			7072		1296		
10	11.289	3.763		12675		23160	7.720		12.719	
		31,892					78,505			

F.B. 2416 P.G. 249

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

L. A. CO. PRECISE LEVEL NET

Chief of Party G. E. DREIER Weather HAZE Inst. No NK 18255
Notes by J. MOODY Time 10:30 to 11:15 Rod No. 15 & 16

Name
Job No. 0301.03
From BM 104-16 To BM 104-15
Date 3-5-58
Indexed L. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3191	31.892	646	12678		9780	78.505	616	12719	
	2545		646			9164		614		
	1899		1292			8550		1230		
11	7635	2.545		15967		27494	9.165		38449	
										BM 104-15 AVE M & 60th St W. SEE L.B. 2016-135 FOR DESC.
										SUMMATION OF RUN BM. 104-16 TO B.M. 104-15
										TOTAL BACKSIGHTS +34.437
										TOTAL FORESIGHTS -87.670
										DIFF IN ELEVATION -53.233
		34.437					87.670			

F.B. 2416 P.G. 250

Profile Notes Red ________ Plotted ________ Job No. 030102 Division No. 10 | F.B. 2416 Pg. 251

No. ________ Date ________ Date ________ Survey of Precise BM. Check

X-Sec. Notes Chkd. ________ Checked ________ Survey by PIERCE Notes PIERCE Date 4-9-64

No. ________ Date ________ Date ________ Map No. ________ Indexed S. J. GALLI Date APR 10 '64

J.N. 0301.02
Precise BM Check

4-10-64

Pierce
Mendonca
Talbot
Albright

NOTE: ✓

CONDITION OF THIS B.M. MON. (104-19) LOOKS GOOD BUT COULD HAVE BEEN DISTURBED. A CUT WAS MADE TO WITHIN 3" OF B.M. ON EAST SIDE & TO 2' BELOW BOTTOM OF B.M. EAST FACE OF B.M. IS EXPOSED ALL THE WAY TO BOTTOM & B.M. MAY EVENTUALLY FALL.

J.C.P.

ELEV. | F.S. | H.I. | B.S. | STATION

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76-L298 CE 307 3-61

76-L298 CE 307 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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.

STATION	B.S.	H.I.	F.S.	ELEV.		
B.M.# 104-19	4338	2448951		2444613	B.M.#104-19 1958 ADJ. ELEV.= 2444.613 F.B. 2416-139 N.W. OF QUARTZ HILL AT INTERSECTION OF AVE. L & 70TH ST. W., 78.0' S. & 28.0' W. OF ℄ INT. A CO. ENG'R. B.M. BRASS CAP INSCRIBED "B.M. 104-19 1958 R.E. 5869" SET IN TOP OF A CONC. POST, 4" ABOVE THE SURFACE.	
T.B.M.# L-70W-A	4876	2450126	[illegible]	2445250	T.B.M.# L-70W-A ELEV. = 2445.250 * AT INT. OF AVE. L & 70TH ST. W., 118.0' S. & 53.0' W. OF INT. A CHS. "□" IN CONC. WELL SLAB. 1' W. & 1' S. OF N.E. COR. OF CONC. SLAB.	
T.B.M.# L-70W-B	1369	2449469	2026	2448100 -.001 2448.009	T.B.M.# L-70W-B ELEV. = 2448.009 * AT INT. OF AVE. L & 70TH ST. W., 164.0' S. & 40.0' W. OF INT. A SPK IN WEST SIDE OF P.P.# 1450507E UP 18"	
B.M.# 104-19			4854	2444615 -.002 2444.613	B.M.# 104-19	

*Note: Elevation of T.BMs questionable. Starting elevation questionable since BM# 104-19 could have been disturbed before connection was made See "NOTE" FB 2416 Pg. 251

R.J.M.

F.B. 2416 Pg. 252 Job No. 030102 Division No. 10 Notes Red Plotted Profile
Survey of Precise BM Check Date 4-9-64 Date No. X-Sec.
Survey by PIERCE Notes PIERCE Notes Chkd. 4/14/64 Checked [illegible] No.
Indexed [illegible] J. GALLI Date APR 1 0 '64 Date RJM Date