k'd by

rk

Survey of

JN Tape Sal °F

Surveyed by

Notes Date

Indexed

F. B. PG.

1

2

8

2

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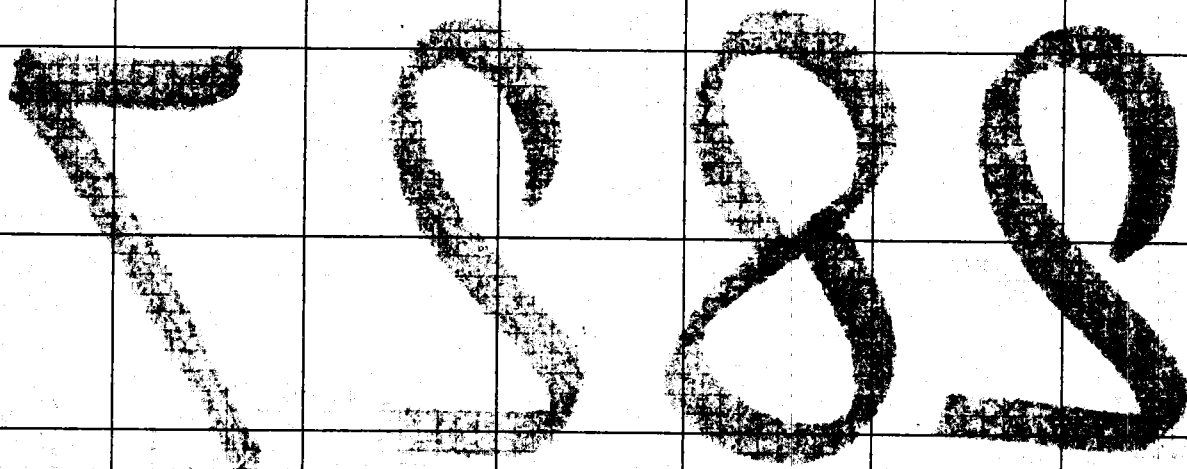

F. B. _____ PG. _____

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 030102 Tape Std of
Office Work	Surveyed by F.E. Brooks
Checked	Notes Date Aug 1960
Date	Indexed SEP 14 '60 H.E. OIL

F.B. 2827 PG. 5

J.N. 030102

L.A. CO. PRECISE LEVEL NET

L.A. Co. Line #34

Note Stadia factor for Zeiss # 15066
= 334

See Pg 7 for description of Route.

F.E. Brooks
D. LeGault
R.F. Siemann
A.R. Workman
L.C. Smiley
N. Smith
P. Harrington

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763098 CE #247—7-53

F. B. 2827 PG. 6

INDEX

L.A. COUNTY LEVEL LINE #34

BM descriptions F.B. 1355 pg 7 To pg 50 B	differences of elevation F.B. 2827 pg 9 To pg 240

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

Survey of L.A. Precise Level Net F. B. 2227 Pg. 7
JN 034.07 Tape Std °F
Surveyed by E.E. Brant
Notes FEB Date Aug 60
Indexed H.E. Ott

L.A. COUNTY LEVEL LINE #34

Stadia factor of Zeiss # 15066 = .334

Start at Co. BM 5-70 in City of San Pedro at Outer Harbor

direction	Street Traveled	To	miles	BM
WEST	Across open field	15th St.		
"	on 15th St.	Meso St.	.55	34-1
SOUTH	" Meso St	20th St		
WEST	" 20th St	Pacific Ave	.39	34-2
SOUTH	" Pacific Ave	Hamilton Ave	.20	34-3
WEST	" Hamilton Ave	23rd St.		
"	" 23rd St	Gaffey St		
SOUTH	" Gaffey St.	25th St.		
WEST	" 25th St	1st Alley	.32	34-4
"	" "	Leland St.	.43	34-5
"	" "	Portsmouth Rd.	.44	34-6
"	" "	Western Ave	.22	34-7
"	" "	26th St.	.38	34-8
"	" "		.46	34-9
"	" "	Pacific Telephone	.33	34-10
"	" "	Palos Verdes Dr. S. & E.	.27	34-12
"	" Palos Verdes Dr. S		.02	34-11
"	" " " " "		.43	34-13
"	" " " " "	Schooner Dr.	.48	34-14A
"	" " " " "	Portuguese Bend Club	.03	34-15A
"	" " " " "		.39	60-13
"	" " " " "	Pepper tree Ln.	.61	34-19A
"	" " " " "	Narcissa Dr.	.26	34-18
"	" " " " "		.43	34-19A
"	" " " " "	Fire Station	.21	34-20A
"	" " " " "	" "	.01	34-20B
"	" " " " "	Bakkentine Dr.	.15	34-21A

Cont. Top Pg 8

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76F3098 SSE #247 11-80

F. B. 2827 PG. 8

direction	Street Traveled	To	miles	B. M.
WEST	on Palos Verdes Dr. S	Pocket Rd.	.09	34-21
"	" " " " "		.39	34-23
"	" " " " "	Marineland of the Pacific	.40	34-24A
"	" " " " "	Pt. Vicente Light House	.57	34-25A
		" " " "	.04	34-26
		" " " "	.11	U.S. 2809
NORTH	on Palos Verdes Dr. W.	Hawthorne Blvd.	.48	34-27A
"	" " " " "		.50	34-28
"	" " " " "	City Limits City of Palos Verdes	.51	34-29
"	" " " " "	Via Zumaya	.44	34-30A
"	" " " " "	near Via Carrillo	.30	34-31
"	" " " " "	House # 1717	.53	34-32
"	" " " " "	Paseo De Mar.	.48	34-33
"	" " " " "	Via Montemar	.41	34-34
"	" " " " "	" "	.01	34-34A
"	" " " " "	House # 601	.42	34-35
"	" " " " "	near Malaga Cove Grammer School	.39	34-36
"	" " " " "	Palos Verdes Estates Malaga Cove Plaza	.33	34-37
"	" Palos Verdes Blvd.	Via Anita	.40	34-38
"	" " " "	Calle Mayor	.26	Tor 9-3
"	" " " "	Calle Miramar	.23	34-39
"	" " " "	Hollywood Palos Verdes Parkway		
"	Hollywood Palos Verdes Parkway	Pacific Coast Highway	.52	11-52

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76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Overcast Inst. No. 15066
Notes by F.E.B. Time 09:45 - 11:00 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 5-70 To BM 34-1
Date 5 Aug 1960
Indexed H.E. Opp.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.579		.188			5.091		.186		BM 5-70 (U.S. 3-89)
	6.391		.187			4.905		.186		In San Pedro.
1	6.204		1.375			4.719		.372		See F.B. 1206-54
	19.174	6.391		.375	70°	14.715	4.905		.372	
	5.051		.186			3.995		.187		T Le Gault
	4.865		.186			3.808		.187		
2	4.679		.372			3.621		.374		
	14.595	4.865		.747		11.424	3.808		.746	
	5.367		.057			1.600		.057		
	5.310		.058			1.543		.056		
3	5.252		.115			1.487		.113		
	15.929	5.310		.862		4.630	1.543		.859	
	7.982		.035			0.271		.038		
	7.947		.038			0.233		.036		
4	7.909		.073			0.197		.074		
	23.838	7.946		.935		0.701	0.234		.933	
	9.510		.044			0.919		.046		
	9.466		.044			0.873		.044		
5	9.422		.088			0.829		.090		
	28.398	9.466		1.023		2.621	0.874		1.023	
	33.978					11.364				

F.B. 3317 P.G. 9

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Overcast Inst. No. 15066
Notes by F.E.B. Time 09:45-11:00 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 5-70 To BM 34-K
Date 5 Aug 1960
Indexed H.E.ON

F.B. 2827 P.G. 10

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.569	33.978	.051	1.023		3.461	11.364	.051	1.023	
	9.518		.052			3.410		.052		
6	9.466		.103			3.358		.103		
	28.553	9.518		1.126		10.229	3.410		1.126	
	4.180		.167			5.831		.165		
	4.013		.164			5.666		.164		
7	3.849		.331			5.502		.329		
	12.042	4.014		1.457		16.999	5.666		1.455	
	6.338		.186			2.388		.149		
	6.152		.183			2.239		.151		
8	5.969		.369			2.085		.300		
	18.459	6.153		1.826		6.715	2.238		1.755	
	8.511		.152			2.542		.141		
	8.359		.156			2.401		.144		
9	8.203		.308			2.257		.285		
	25.073	8.358		2.134		7.200	2.400		2.040	
	9.568		.100			5.233		.092		
	9.468		.100			5.141		.091		
10	9.368		200			5.050		183		
	28.404	9.468		2.334		15.424	5.141		2.223	
	71.489					30.219				

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Overcast Inst. No. 15066
Notes by F.E.B. Time 09:45 - 11:00 Rod No. 31-32

Name L. A. Co. Precise Level Net
Job No. 0341.02
From BM 5-70 To BM 34-1
Date 5 Aug 1960
Indexed H.E.On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.367	7.189	.178	2.334		3.840	3.639	.202	2.223	
	7.189		.178			3.638		.200		
11	7.011		.356			3.438		402		
	21.567	7.189		2.690		10.916	3.639		2.625	
	6.397		175			4.248		.198		
	6.222		.175			4.050		.197		
12	6.047		.350			3.853		.795		
	18.666	6.222		3.040		12.151	4.050		3.020	
	6.495		.180			4.141		.193		
	6.315		.180			3.948		.190		
13	6.135		.360			3.758		.383		
	18.945	6.315		3.400		11.847	3.949		3.403	
	6.541		.183			4.189		.185		
	6.358		.186			4.004		.185		
14	6.172		.369			3.819		.370		
	19.071	6.357		3.769		12.012	4.004		3.773	
	6.220		188			3.867		.186		
	6.032		184			3.681		.183		
15	5.848		.372			3.498		.379		
	18.100	6.033		4.141		11.046	3.682		4.152	
	103.605					49.543				

F.B. 2822 P.G. 11

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Chief of Party F.E. Brooks Weather Hazy Sun Inst. No. 15066
Notes by F.E.B. Time 09:45 - 11:00 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.0
From BM 5-70 To BM 34-1
Date 5 Aug. 1960
Indexed H.E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	6.910	103.605	.187	4.141		3.899	49.543	.182	4.152	
	6.723		.185			3.717		.185		
	6.538		.372			3.532		.367		
	20.171	6.724		4.513		11.148	3.716		4.519	
17	6.940		.180			4.423		.172		BM 34-1 (U.S. 3834) W. 15Th St. and S. Mesa St. See F.B. 1355-7
	6.760		.180			4.251		.170		
	6.586		.360			4.081		.342		
	20.280	6.760		4.873		12.755	4.252		4.861	
										Summation of Run From BM 5-70 To BM 34-1
										Total Backsights = + 117.089 " Foresights = - 57.511 diff elev. = +59.578 ✓
										Backsight Stadia = 4.873 Foresight " = 4.861 Total " = 9.734 = .55 mi.
	117.089 ✓					57.511				

F.B. 2827 PG. 12

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Hazy Sun Inst. No. 15066
Notes by F.E.B. Time 11:00 - 11:45 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-1 To BM 5-70
Date 5 Aug 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.467		.173			6.980		.180		BM 34-1 (U.S. 3834
	4.294		.171			6.800		.180		W. 15th St. and S. Mesa St.
1	4.123		.344			6.620		360		See F.B. 1355-7
	12.884	4.295		.344	74°	20.400	6.800		.360	
	3.795		.185			6.809		186		T Le Gault
	3.610		.185			6.623		.185		
2	3.425		.370			6.438		.371		
	10.830	3.610		.714		19.870	6.623		.731	
	3.861		.191			6.203		.182		
	3.670		.187			6.021		.182		
3.	3.483		.378			5.839		.364		
	11.014	3.671		1.092		18.063	6.021		1.095	
	4.263		185			6.619		.186		
	4.078		.186			6.433		.183		
4.	3.892		.371			6.250		.379		
	12.233	4.078		1.463		19.302	6.434		1.474	
	4.251		.188			6.610		.181		
	4.063		.188			6.429		.185		
5.	3.875		.376			6.244		.366		
	12.189	4.063		1879		19.283	6.428		1.840	
	19.717					32.306				

F.B. 8821 P.G. 13

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Hazy Sun Inst. No. 15066
Notes by F.E.B. Time 11:00 - 11:45 Rod No. 31-32

Name L. A. Co. Precise Level Net
Job No. 0301.02
From BM 34-1 To BM 5-70
Date 5 Aug 1960
Indexed H. E. OTT

F.B. 2812 PG. 14

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.148	19.717	.187	1.839		6.320	32.306	.187	1.840	
	3.961		.183			6.133		.183		
6	3.778		.370			5.950		.370		
	11.887	3.962		2.209		18.403	6.134		2.210	
	3.987		.187			7.540		190		
	3.800		.187			7.350		.190		
7	3.613		.374			7.160		.380		
	11.400	3.800		2.583		22.050	7.350		2.590	
	4.901		.099			9.225		.094		
	4.802		.096			9.131		.092		
8	4.706		.195			9.039		.186		
	14.409	4.803		2.778		27.395	9.132		2.776	
	2.434		.145			8.398		.151		
	2.289		.148			8.247		.152		
9	2.141		.293			8.095		.303		
	6.864	2.288		3.071		24.740	8.247		3.079	
	2.153		.160			6.083		.175		
	1.993		.158			5.908		.175		
10	1.835		.318			5.733		.350		
	5.981	1.994		.3389		17.724	5.908		3.429	
	36.564					69.077				

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Hazy Sun Inst. No. 16066
Notes by F.E.B. Time 11:00 - 11:45 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-1 To BM 5-70
Date 5 Aug 1960
Indexed H.E.Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.792	36.564	.171	3.389		4.123	69.077	.158	3.429	
	6.621		.170			3.965		.159		
11	5.451		.341			3.806		.317		
	16.864	5.621		3.730		11.894	3.965		3.746	
	3.627		.057			9.731		.050		
	3.570		.053			9.681		.049		
12	3.517		.110			9.632		.099		
	10.714	3.571		3.840		29.044	9.681		3.845	
	1.070		.043			9.660		.043		
	1.027		.046			9.617		.045		
13	0.981		.089			9.572		.088		
	3.078	1.026		3.929		28.849	9.616		3.933	
	0.498		.038			8.211		.036		
	0.460		.038			8.175		.037		
14	0.422		.076			8.138		.073		
	1.380	0.460		4.005		24.524	8.175		4.006	
	1.654		.056			5.419		.058		
	1.598		.058			5.361		.057		
15	1.540		.114			5.304		.115		
	4.792	1.597		4.119		16.084	5.361		4.121	
	48.839					105.875				

F.B. 2827 P.G. 10

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Hazy Sun Inst. No. 16066
Notes by F.E.B. Time 11:00 - 11:45 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-1 To BM 5-70
Date 5 Aug 1960
Indexed H. E. OH

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	4.028	48.839	.187	4.119		5.087	105.875	.186	4.121	
	3.841		.190			4.901		.188		
	3.651		.377			4.713		.374		
	11.520	3.840		4496		14.701	4.900		4495	
17	5.002		.187			6.483		.184		BM 5-70 (U.S. 3689)
	4.815		.185			6.299		.188		In. San Pedro.
	4.630		.372			6.111		.372		See F.B. 1206-54
	14.447	4.816		4868		18.893	6.298		4867	
						Backsight Stadia = 4.868				Summation of Run
						Foresight " = 4.867				From BM 34-1
						Total " = 9.735				To BM-5-70
						= .55 mi.				
										Total Backsights = + 57.495
										" Foresights = - 117.073
										diff. elev. = - 59.578
	57.495					117.073				

F.B. 2822 PG. 16

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Overcast Inst. No. 15066
Notes by L.C. Smith Time 08:40 - 09:20 Rod No. 31 - 32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-1 To BM 34-2
Date 8 Aug 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4039		0187			6220		0.183		BM 34-1 (U.S. 3834)
	3852		0183			6037		0.186		W 15th St. and S. Alvarado Dr.
1	3669		.370			5851		.369		See F.B. 1355-7
	11.560	3.853		.370	70°	18.108	6.036		.369	
	4820		0.185			6565		0.185		
	4635		0.185			6380		0.186		
2	4450		0.370			6194		0.371		
	13.905	4.635		.740		19.139	6.380		.740	
	3953		0.184			5540		0.187		
	3769		0187			5353		0.184		
3	3582		0.371			5169		.371		
	11.304	3.768		1.111		16.062	5.354		1.111	
	4442		0.184			5602		0.184		
	4258		0.188			5418		0.188		
4	4070		.372			5230		.372		
	12.770	4.257		1.483		16.250	5.417		1.483	
	5690		0.187			5359		0.188		
	5503		0.184			5171		0.188		
5	5319		.371			4983		.376		
	16.512	5.504		1.854		15.513	5.171		1.859	
	22.017					28.358				

F.B. 2527 P.G. 17

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F.E. Brooks Weather Overcast Inst. No. 15066
Notes by L.C. Smiley Time 08:40 - 09:20 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0341.02
From BM 34-1 To BM 34-2
Date 8 Aug 1960
Indexed H.E.OT

Number of Station	BACKSIGHT Thread 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	4670	22.017	0.188	1654		5817	28.358	0.187	1859	
	4482		0.187			5630		0.189		
	4295		.375			5441		.376		
	13.447	4.482		2229		16.888	5.629		2235	
7	5140		0.095			5264		.094		summation of Run
	5045		0.094			5170		.095		From BM 34-1
	4951		0.189			5075		.189		To BM 34-2
	15.136	5.045		2218		15.509	5.170		2424	
8	6023		0.184			4660		0.150		Total Backsights = + 50.297
	6239		0.188			4310		0.150		" Foresights = - 53.014
	6051		.372			4160		300		diff. elev = - 2.717
	18.713	6.238		2790		12.930	4.310		2274	Backsight Stadia = 3.418
9	6725		0.204			4051		0.205		Foresight Stadia = 3.435
	6521		0.201			3846		6206		Total Stadia = 6.853
	6320		405			3640		411		= .39 mi.
	19.566	6.522		3195		11.537	3.846		3135	
10	6105		0.112			5851		0.150		B.M. 34-2
	5993		0.111			5701		150		Pacific Ave and 20 Th St.
	5882		223			5551		300		See FB. 1355-8
	17.980	5.993		3418		17.103	5.701		3435	
	50.297					53.014				

F.B. 2827 PG. 18

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather O' cast Inst. No. 15066
Notes by L.C. Smith Time 09:30-10:05 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 030 1.02
From BM. 34-2 To BM. 34-1
Date 8 Aug 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.881		0132			6.168		0.130		BM. 34-2
	5.749		0131			6.038		0129		Pacific Ave and 20th St.
	5618		263			5.909		259		See F.B. 1355-B
	17.248	5.749		263	70°	18.115	6.038		259	
2	6044		0205			6715		204		T Le Gou H
	3839		0208			6511		201		
	3631		413			6310		405		
	11.514	3.838		676		19.536	6.512		664	
3	4340		0.167			6271		0168		
	4173		0.165			6103		0167		
	4008		332			5936		335		
	12.521	4.174		1006		18.310	6.103		999	
4	5240		0095			5114		0094		
	5145		0095			5020		093		
	5050		190			4927		187		
	15.435	5.145		1198		15.061	5.020		1186	
5	5836		187			4689		189		
	5649		188			4500		185		
	5461		375			4315		374		
	16.946	5.649		1573		13.504	4.501		1560	
	24.555-1					28.174				

F.B. 2827 P.G. 19

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Hazy Sun Inst. No. 15066
Notes by L. C. Smiley Time 09:30-10:05 Rod No. 31-32

Name L. A. Co. Precise Lev. Net.
Job No. 0301-02
From BM 34-2 To BM 34-1
Date Aug 8, 1960
Indexed H. E. Olt

Number of Station	BACKSIGHT Thread 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	5364	24.555	186	1573		5698	28.174	186	1560	
	5178		188			5512		189		
	4990		370			5323		375		
	15532	5.177		1947		16533	5.511		1935	
7	5601		185			4842		187		Summation of Run
	5416		187			4259		188		From BM 34-2
	5229		372			4071		375		To BM 34-1
	16246	5.415		2319		12776	4.259		2310	
8	5590		186			4004		185		Total Backsights = + 53.050
	5404		185			3819		186		Total Foresights = - 50.333
	5219		371			3633		371		diff. elev. = + 2.717
	16213	5.404		2690		11456	3.819		2861	
9	6623		184			4878		187		Backsight Stadia = 3.427
	6439		187			4691		183		Foresight " = 3.422
	6252		371			4508		370		Total " = 6.849
	19314	6.438		3061		14077	4.692		3051	= .39 mi.
10	6244		184			4063		184		BM 34-1 (U.S. 3834)
	6060		182			3879		187		W 15th St. and Mesa Dr.
	5878		366			3692		371		See F.B. 1355-7
	18182	6.061		3427		11634	3.878		3422	
	53.050					50.333				

F.B. 1355 P.G. 10

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Snooks Weather Sunny Inst. No. 15066
Notes by L.C. Smiley Time 10:20 – 10:35 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-2 To BM 34-3
Date Aug 8, 1960
Indexed B. E. OTT

Number of Station	BACKSIGHT Thread 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	6112		184			6029		188		BM 34-2
	5928		187			5841		185		Pacific Ave and 20th St
	5741		371			5656		373		See F.B. 1355-8
	17.781	5.9271		371	76	17.526	5.842		373	
2	5271		184			5802		188		T Siemann
	5087		187			5614		186		
	4900		371			5428		374		Summation of Run
	15.258	5.086		742		16.844	5.615		747	From BM 34-2
3	5199		189			5641		189		To BM 34-3
	5010		187			5452		189		Total Backsights = + 27.536 42
	4823		376			5263		378		" Foresights = − 28.189 /
	16.032	5.011		1118		16.356	5.452		1125	diff. elev. = − 0.653 .646
4	5941		186			5258		188		Back sight Stadia = 1.757
	5755		186			5070		188		Fore sight " = 1.764
	5569		372			4882		376		Total " = 3.521
	17.265	5.755		1490		15.210	5.070		1501	= .20 mi.
5	5897		134			6342		133		BM 34-3 (Wilmington 340)
	5763		133			6209		130		Pacific Ave and Hamilton Ave
	5630		267			6079		263		See F.B. 1355-9
	17.290	5.763		1757		18.630	6.210		1764	

F.B. 1355 P.G. 21

27.536 / 42

28.189 /

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by L.C. Smiley Time 10:35 - 10:55 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From BM 34-3 To BM 34-2
Date Aug 9 & 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread 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	6302		132			5851		130		BM 34-3 (Wilmington B-10)
	6170		131			5721		131		Pacific Ave and Hamilton Ave
	6039		263			5590		261		See F.B. 1355-9
	18.511	6.170		263	78°	17.162	5.721		261	
2	5172		183			5865		187		T Siemann
	4989		186			5678		190		
	4803		369			5488		377		Summation of Run
	14.964	4.988		632		17.031	5.677		638	From BM 34-3
3	5576		188			5127		186		To BM 34-2
	5388		188			4941		188		Total Backsights = + 28.109
	5200		376			4753		374		" Foresights = - 27.454
	16.164	5.388		1008		14.821	4.940		1012	diff. elev. = + 0.655
4	5842		187			5312		184		Backsight Stadia = 1.754
	5655		185			5128		187		Foresight " = 1.759
	6470		372			4941		371		Total " = 3.513
	16.967	5.656		1380		15.381	5.127		1383	= .20 mi.
5	6094		188			6178		190		BM 34-2
	5906		186			5988		186		Pacific Ave and 20th St.
	5720		374			5802		376		See F.B. 1355-8
	17.720	5.907		1754		17.968	5.989		1759	
	28.109					27.454				

F.B. 1327 P.G. 22

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by L. C. Smiley Time 11:00-11:55 Rod No. 31-32

Name L. A. Co. Precise Lev. Net
Job No. 0301.02
From BM. 34-3 To BM. 34-4
Date Aug. 8, 1960
Indexed H. F. Ott

Number of Station	BACKSIGHT Thread 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	7211		152			1702		135		BM. 34-3 (Wilmington B-10) Pacific Ave and Hamilton Ave See F.B. 1355-9
	7059		151			1567		138		
	6908		303			1429		373		
	21.178	7.059		303	80°	4.698	1.566		373	
2	8912		100			1840		094		T to Gault
	8812		100			1746		095		
	8712		200			1651		189		
	26.436	8.812		503		5.237	1.746		562	
3	8431		184			2427		187		
	8247		187			2240		188		
	8060		371			2052		375		
	24.738	8.246		874		6.719	2.240		937	
4	9001		163			1950		132		
	8838		167			1818		133		
	8671		330			1685		265		
	26.510	8.837		1204		5.453	1.818		1202	
5	8639		089			1437		090		
	8550		090			1347		090		
	8460		179			1257		180		
	25.649	8.550		1383		4.041	1.347		1382	
	41.504					8.717				

F.B. 1355 P.G. 23

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by L. C. Smiley Time 11:00-11:55 Rod No. 31-32

Name L. A. Co. Precise Lev. Net
Job No. 0301.02
From BM 34-3 To BM 34-4
Date Aug. 8, 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread 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	8084	41.504	053	1383		1379	8.717	049	1382	T Le Gault.
	8031		051			1330		051		
	7980		104			1279		100		
	24.095	8.032		1487		3.988	1.329		1482	
7	9079		044			0969		046		
	9035		44			0863		045		
	8991		088			0818		091		
	27.105	9.035		1575		2.590	0.863		1573	
8	9701		043			0654		045		
	9658		044			0609		045		
	9614		87			0564		090		
	28.973	9.658		1662		1.827	0.609		1663	
9	9520		043			0862		043		
	9477		043			0819		045		
	9434		086			0774		88		
	28.431	9.477		1748		2.455	0.818		1751	
10	9589		043			0627		046		
	9541		042			0581		044		
	9499		085			0537		090		
	28.624	9.541		1833		1.745	0.582		1841	
	67.247					12.918				

F.B. 1662 PG. 24

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Clear Sunny Inst. No. 15066
Notes by L.C. Smiley Time 11:00-11:55 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From B.M.134-3 To B.M.134-4
Date Aug. 8, 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	9586	87.247	042	1833		0800	12.918	043	1841	T Lc Gauge
	9544		043			0757		045		
	9501		085			0712		88		
	88.631	9.544		1918		2.219	0.756		1929	
12	9734		044			1034		044		
	9690		045			0990		041		
	9645		089			0949		085		
	89.069	9.690		2007		2.973	0.991		2014	
13	9809		086			3610		082		
	9723		085			3528		083		
	9638		171			3445		165		
	89.170	9.723		2178		10583	3.528		2179	
14	7512		110			2418		110		
	7402		110			2308		111		
	7292		220			2197		221		
	82.206	7.402		2398		6.923	2.308		2400	
15	8335		070			1824		096		
	8265		070			1728		098		
	8195		140			1630		194		
	84.795	8.265		2538		5.182	1.727		2594	
	131.871					22.228				

F.B. 1960 P.G. 25

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No 15066
Notes by L.C. Smiley Time 11:00 - 11:55 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From B.M. 34-3 To B.M. 34-4
Date Aug. 8, 1960
Indexed H.E.Olson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	6813	131.871	064	2538		0811	22.228	066	2594	T Le Gault.
	6749		067			0745		067		
	6682		131			0678		133		
	20.244	6.748		2669		2.234	0.745		2727	
17	10528		070			1216		045		B.M. 34-4
	10458		070			1171		043		25th St and 1st Alley W. of Saffay St.
	10388		140			1128		88		
	31.374	10.458		2809		3.515	1.172		2815	See F.B. 1355-10
						Backsight Stadia = 2.809				Summation of Run
						Foresight " = 2.815				From B.M. 34-3
						Total " = 5.624				To B.M. 34-4
						= .32 mi.				
										Total Backsights = + 149.077
										" Foresights = - 24.145
										diff. elev. + 124.932
	149.077					24.145				

F.B. 1355 P.G. 22

76P526-CE 379—10-57

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Chief of Party F.E. Brocks Weather Clear & Windy Inst. No. 15066
Notes by L.C. Smiley Time 1:20 - 2:10 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From B.M. 34-4 To B.M. 34-3
Date Aug. 8, 1966
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	1174		044			10485		068		BM. 34-4
	1130		045			10417		069		25th St., E 1st Alley W. of
	1085		89			10348		137		Gaffey St.
	3389	1.130		89		31.250	10.417		137	Sec. FB. 1355-10
2	0758		068			6756		066		
	0690		067			6690		064		
	0623		135			6626		130		T LeGault.
	20.71	0.690		224		20.072	6.691		267	
3	1818		098			8328		070		
	1720		098			8258		070		
	1622		196			8188		140		
	5.160	1.720		420		24.774	8.258		407	
4	2243		125			7310		096		
	2118		127			7214		094		
	1991		252			7120		190		
	6.352	2.117		672		21.644	7.215		597	
5	3570		082			9764		083		
	3488		083			9681		082		
	3405		165			9599		165		
	10.463	3.488		837		29.044	9.681		762	
	9.145					42.262				

F.B. 2827 P.G. 27

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 150666
Notes by L. C. Smiley Time 1:20 + 2:10 Rod No 31-32

Name L. A. Co. Precise Level Net
Job No. 0301.02
From BM 1.34-4 To BM 1.34-3
Date Aug. 8, 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	0630	9.145	045	837		9348	42.262	042	762	T. Le Gault.
	0605		045			9306		043		
	0560		90			9263		85		
	1815	0.605		927		27917	9.306		847	
7	0485		046			9265		039		
	0439		047			9226		041		
	0392		93			9185		80		
	1316	0.439		1020		27676	9.225		927	
8	0517		047			9474		043		
	0470		044			9431		043		
	0426		91			9388		86		
	1413	0.471		1111		28293	9.431		1013	
9	0832		044			9490		042		
	0788		045			9448		043		
	0743		89			9405		85		
	2363	0.788		1200		28343	9.440		1096	
10	0470		044			9519		042		
	0426		046			9477		045		
	0380		90			9432		87		
	1276	0.425		1290		28428	9.476		1185	
	11873					69148				

F.B. 2827 PG. 28

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F.E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by L.C. Smiley Time 1:20 – 2:10 Rod No. 31-32

Name L.A.Co. Flood Control Dist.
Job No. 0301.02
From BM 34-4 To BM 34-3
Date Aug. 8, 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0933	11.873	044	1290		9100	89.148	043	1185	
11	0889		045			9057		044		T Le Gault
	0844		89			9013		87		
	2666	0.889		1379		27170	9.057		1272	
	1397		050			8100		052		
12	1347		050			8048		051		
	1297		100			7997		103		
	4041	1.347		1479		24.145	8.048		1375	
	1400		090			8599		089		
13	1310		090			8510		090		
	1220		180			8420		179		
	3.930	1.310		1659		25.519	8.510		1554	
	1531		148			8556		151		
14	1383		148			8405		148		
	1235		396			8257		299		
	4.149	1.383		2055		25.218	8.406		1853	
	2634		171			8675		204		
15	2463		168			8471		206		
	2295		339			8265		410		
	7.392	2.464		2394		25.411	8.470		2263	
	19.266					131.639				

F.B. 2627, P.G. 29

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by L.C. Smiley Time 1:20 - 2:10 Rod No. 31-32

Name L.A.Co. Precise Lev. Net.
Job No. 0301.02
From BM 34-4 To BM 34-3
Date Aug. 8, 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
16	2084 1998 1910 5992	19.266 1.997	086 088 174	2394 2568		9171 9062 8955 27.188	131.639 9.063	109 107 216	2263 2479	T LeGault.
17	1730 1595 1460 4.785	 1.595	135 135 270	 2838		7241 7088 6936 21.265	 7.088	153 152 305	 2784	B.M. 34-3 (Wilmington B-10) Pacific Ave. & Hamilton Ave., see: F.B. 1355-9
						Backsight Stadia = 2.838 Foresight Stadia = 2.784 Total Stadia = 5.622 = .32 mi.				Summation of Run From BM 34-4 To BM 34-3
										Total Backsights = + 22.858 " Foresights = - 147.790 diff. elev. = - 124.932
		22.858					147.790			

F.B. 2827 P.G. 30

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Clear Inst. No. 15066
Notes by L.C. Smiley Time 8:50 - 9:30 Rod No. 31-32

Name L.A.Co. Precise Level No 1
Job No. 0301.02
From BM 34-4 To BM 34-5
Date 9 Aug 1960
Indexed H.E.OTT

Number of Station	BACKSIGHT Thread 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	9022		045			1024		043		BM 34-4
	8977		046			0981		042		25th St. and 1st Alley W. of
	8931		91			0939		85		Gaffey St.
	26.930	8.977		91	72°	2.944	0.981		85	See F.B. 1395-10
2	9623		043			0694		044		
	9580		044			0650		043		⊼ Le Gault
	9536		87			0607		87		
	28.739	9.580		178		1.951	0.650		172	
3	9782		042			0940		043		
	9740		044			0897		045		
	9696		86			0852		88		
	29.218	9.739		264		2.689	0.896		260	
4	5581		042			2341		043		
	8839		045			2298		045		
	8794		87			2253		88		
	26.514	8.838		351		6.892	2.297		348	
5	9232		089			1843		089		
	9343		090			1754		089		
	9253		179			1665		176		
	28.028	9.343		530		5.262	1.754		526	
	46.477					6.578				

F.B. 2827 P.G. 31

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather O'cast Inst. No. 15066
Notes by L. C. Smiley Time 8:50 – 9:30 Rod No. 31 – 32

Name L. A. Co. Precise Lev. Net
Job No. 0301.02
From B.M. 34-4 To B.M. 34-5
Date Aug. 9, 1960
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
6	7842	46.477	065	530		2553	6.578	068	526	
	7777		067			2485		067		
	7710		132			2418		135		
	23.329	7.776		662		7.456	2.485		661	
7	9203		184			4204		186		T. Le Gault.
	9019		188			4018		187		
	8831		372			3831		373		
	27.053	9.018		1034		12.053	4.018		1034	
8	6768		188			4275		189		
	6580		186			4086		186		
	6394		374			3900		375		
	19.742	6.581		1406		12.261	4.087		1409	
9	6612		184			3959		188		
	6428		188			3771		188		
	6240		372			3583		376		
	19.280	6.427		1760		11.313	3.771		1785	
10	6990		185			3799		189		
	6805		185			3610		187		
	6620		370			3423		376		
	20.415	6.805		2150		10.832	3.611		2161	
	63.084					24.550				

F.B. 2827 P.G. 32

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather O'cast Inst. No. 15066
Notes by L. C. Smiley Time 8:50-9:30 Rod No. 31-32

Name L.A.Co. Precise Lev. Nt.
Job No. 0301.02
From B.M. 34-4 To B.M. 34-5
Date Aug. 9, 1960
Indexed B. E. OTT

Number of Station	BACKSIGHT Thread 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	7061	83.084	189	2150		3785	24.550	185	2161	⊼ Le Gault
	6872		189			3600		185		
	6683		378			3415		370		
	20.616	6.872		2528		10.800	3.600		2531	
12	7139		188			4420		188		Summation of Run
	6951		188			4232		184		From BM 34-4
	6763		376			4048		372		To BM 34-5
	20.853	6.951		2904		12.700	4.233		2903	
13	6129		188			4564		186		Total Backsights = + 113.621
	5941		184			4378		188		" Foresights = - 46.781
	5757		372			4190		374		diff. elev. = + 66.840
	17.827	5.942		3276		13.132	4.377		3277	
14	6098		188			4570		188		Backsight Stadia = 3.756
	5910		187			4382		184		Foresight " = 3.761
	5723		375			4198		372		Total " = 7.517
	17.731	5.910		3651		13.150	4.383		3649	= .43 mi.
15	4915		053			5694		055		BM. 34-5
	4862		052			5639		057		25th St. and Leland St.
	4810		105			5582		112		See F.B. 1355-11
	14.587	4.862		3756		16.915	5.638		3761	
		113.621					46.781			

F.B. 2827 P.G. 33

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather O'cast Inst. No. 15066
Notes by L.C. Smiley Time 9:30 – 10:00 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From 13N134-5 To 13N134-4
Date 9 Aug 1960
Indexed H.E.On

Number of Station	BACKSIGHT Thread 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	5587		057			4805		055		13.N.134-5
	5530		054			4750		052		25 th St. and Leland St.
	5476		111			4698		107		Sty F.B. 1355-11
	16.593	5.531		111	72°	14.534	4.751		107	
2	4501		188			6030		186		
	4313		165			5842		185		T Le Gault.
	4128		373			5657		373		
	12.942	4.314		484		17.529	5.843		480	
3	4567		188			6128		187		
	4379		189			5941		187		
	4190		377			5755		374		
	13.136	4.379		861		17.827	5.942		854	
4	4391		187			7112		187		
	4204		185			6925		186		
	4019		372			6739		373		
	12.614	4.205		1233		20.776	6.925		1227	
5	3741		184			7011		189		
	3557		187			6822		186		
	3320		371			6636		375		
	10.668	3.556		1604		20.469	6.823		1602	
	21.985					30.284				

F.B. 2827 PG. 34

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather O'cast Inst. No. 150 66
Notes by L. C. Smiley Time 9:30 – 10:10 Rod No. 31-32

Name L A Co Road Dept
Job No. 0301.02
From B.M. 34-5 To B.M. 34-4
Date Aug. 9, 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	3811	21.965	184	1604		7007	30.284	186	1602	T Le Gault
	3627		187			6821		184		
	3440		371			6637		370		
	10.878	3.626		1975		20.465	6.822		1972	
7	3950		188			6601		184		
	3762		187			6417		187		
	3575		375			6230		371		
	11.287	3.762		2350		19.248	6.416		2343	
8	4257		187			6750		187		
	4070		190			6563		184		
	3880		377			6379		371		
	12.207	4.069		2727		19.692	6.564		2714	
9	4228		188			9228		188		
	4040		186			9040		187		
	3854		374			8853		375		
	12.122	4.041		3101		27.121	9.040		3089	
10	2637		068			7927		067		
	2569		069			7860		067		
	2500		137			7793		134		
	7.706	2.569		3238		23.580	7.860		3223	
	40.052					66.986				

F.B. 282 P.G. 35

76P526-CE 379---10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather O'cast Inst. No. 15066
Notes by L.C. Smiley Time 9:30 - 10:10 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From B.M. 34-5 To B.M. 34-4
Date Aug. 9, 1960
Indexed A.E. On

Number of Station	BACKSIGHT Thread 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	1820	40.052	0903238			9408	66.986	0903223		T. Le Gault
	1730		089			9318		088		
	1641		179			9230		178		
	5.191	1.730		3417		27.956	9.319		3401	
12	2450		042			8991		044		Summation of Run
	2406		043			8947		046		From B.M. 34-5
	2365		85			8901		90		To B.M. 34-4
	7.223	2.408		3502		26.839	8.946		3491	
13	1198		043			10042		043		Total Backsights = +47.029
	1155		043			9999		046		" Foresights = -113.861
	1112		86			9953		89		diff. elev. = -66.832
	3.465	1.155		3588		29.994	9.998		3580	
14	0824		043			9759		047		Backsight stadia = 3.759
	0781		042			9712		044		Foresight " = 3.759
	0739		85			9668		91		Total " = 7.518
	2.344	0.781		3673		29.139	9.713		3671	= .43 mi.
15	0946		043			8943		044		B.M. 34-4
	0903		043			8899		044		25th St. and 1st Alley W.
	0860		86			8855		88		of Gaffey St.
	2.709	0.903		3759		26.697	8.899		3759	See F.B. 1355-10
	47.029					113.861				

F.B. 282 Z P.G. 36

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Clear Inst. No. 15066
Notes by L.C. Smiley Time 10:35-11:35 Rod No. 31-32

Name LAO. Precise Lev Net
Job No. 0301.02
From B.M. 34-5 To B.M. 34-6
Date Aug. 9, 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5487		187			6680		187		B.M. 34-5
	5300		187			6493		187		25th St. & Leland St.
	5113		374			6306		374		See F.B. 1355-11
	15900	5.300		374	74°	20079	6.693		374	
2	3862		188			6979		187		
	3680		187			6792		186		
	3493		375			6606		373		T Le Gault
	11041	3.680		749		20377	6.792		747	
3	4153		185			5483		184		
	3968		127			5299		184		
	3787		372			5115		368		
	11908	3.969		1121		15897	5.299		1115	
4	7282		069			1793		065		
	7213		065			1728		068		
	7148		134			1660		133		
	21643	7.214		1255		5181	1.727		1248	
5	9734		067			0901		064		
	9667		069			0837		067		
	9598		136			0770		131		
	28999	9.666		1391		2508	0.836		1379	
	29.829					21.347				

F.B. 2227 P.G. 37

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather O'cast Inst. No. 150 66
Notes by L.C. Smiley Time 10:35 - 11:35 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From B.M. 34-5 To B.M. 34-6
Date Aug. 9, 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread 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	9698	29.829	067	1391		0660	21.347	067	1379	↑ Lc Gault
	9631		663			0593		066		
	9568		130			0527		133		
	28897	9.632		1521		1780	0.593		1512	
7	9429		062			0828		063		
	9367		068			0765		062		
	9323		126			0703		125		
	28159	9.386		1647		2296	0.765		1637	
8	10441		063			0478		066		
	10378		067			0412		062		
	10311		130			0350		128		
	31130	10.377		1777		1240	0.413		1765	
(2) 9	9577		051			0860		053		
	9526		051			0807		052		
	9475		102			0755		105		
	28578	9.526		1879		2422	0.807		1870	
10	9593		052			0711		051		
	9541		052			0660		051		
	9489		104			0609		102		
	28239	9.541		1983		1980	0.660		1972	
	78.291					24.585				

F.B. 2827 P.G. 38

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks. Weather O'cast Inst. No. 15066
Notes by L.C. Smiley Time 10:35-11:35 Rod No. 31-32

Name L.A.C. Freeway
Job No. 0301.02
From B.M. 34-5 To B.M. 34-6
Date Aug. 9, 1960
Indexed H.E.O.

Number of Station	BACKSIGHT Thread 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	10794	8.291	086	1983		1431	24.585	091	1972	T Le Gault
	10708		088			1340		093		
	10620		174			1247		184		
	32.122	10.707		2157		4.018	1.339		2156	
12	8914		088			1591		090		
	8826		089			1501		090		
	8737		177			1411		180		
	26.477	8.826		2334		4.503	1.501		2336	
13	8851		090			1675		090		
	8761		090			1585		090		
	8671		180			1495		180		
	26.283	8.761		2514		4.755	1.585		2516	
14	8736		088			1528		090		
	8648		089			1438		089		
	8559		177			1349		179		
	25.943	8.648		2691		4.315	1.438		2695	
15	8869		089			1699		090		
	8780		090			1609		089		
	8690		179			1520		179		
	26.339	8.780		2870		4.828	1.609		2874	
	124.013					32.059				

F.B. 2827 P.G. 39

76P526-CE 379---10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks. Weather Sunny Inst. No. 15066
Notes by L.C. Smiley Time 10:35-11:35 Rod No. 31-32

Name L.A.Co Precise Lev. Net
Job No. 0301.02
From B.M. 34-5 To B.M. 34-6
Date Aug. 9, 1960
Indexed H.E. Orn

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	8737	124.013	089	2870		1519	32.057	090	2874	
	E648		090			1429		090		
	8558		179			1339		180		
	25.943	8.648		3049		4.287	1.429		3054	
17	E860		090			1717		090		T. Le Gault
	8770		090			1627		090		
	6680		180			1537		180		
	26.310	8.770		3229		4.881	1.627		3234	
18	8759		089			1700		090		
	E670		089			1610		090		
	8581		178			1520		180		
	25.010	8.670		3407		4.830	1.610		3414	
19	7676		061			1737		089		
	7615		061			1648		089		
	7554		122			1559		178		
	25.845	7.615		3529		4.944	1.648		3592	
20	8940		101			2890		077		
	8839		102			2813		075		
	8737		203			2738		152		
	25.516	8.839		3732		8.441	2.814		3744	
	16.555					41.185				

F.B. 2827, P.G. 40

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. Brooks Weather Sunny Inst. No. 15066
Notes by L.C. Smiley Time 10:35 - 11:35 Rod No. 31-32

Name L.A.Co. Proj. Jo Lev. Net
Job No. 0301.02
From B.M. 34-5 To B.M. 34-6
Date Aug. 9, 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
21	7651	166.555	092 3732			4240	41.185	089 3744		B.M. 34-6
	7559		092			4151		088		25 Ft. St. and Portsmouth Rd.
	7467		184			4063		177		See F.B. 1355-12
	22677	7.559		3916		12454	4.151		3921	
										Summation of Rs..
										From BM 34-5
										To BM 34-6
										Total Backsights = + 174.114
										" Foresights = - 45.336
										diff. elev. = + 128.778
										Backsight Stadia = 3916
										Foresight Stadia = 3.921
										Total " = 7.837
										= .44 mi
	174.114					45.336				

F.B. 2227 P.G. 41

76P526-CE 379—10-57

PLEASE RETURN TO
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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 F.E. Brooks Weather Hazy Inst. No. 150CC
Notes by L.C. Smiley Time 11:40-1:50 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From B.M. 34-6 To B.M. 34-5
Date Aug. 9, 1960
Indexed H. E. ON

Number of Station	BACKSIGHT Thread 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	4273 4182 4091		091 091 182			7680 7589 7499		091 090 181		B.M. 34-6 25th St. and Portsmouth Rd. See F.B. 1355-12
	12.546	4.182		182	74°	22.768	7.589		181	
2	2579 2490 2400		089 090 179			8602 8512 8424		090 088 178		
	7.469	2.490		361		25.538	8.513		359	
3	2232 2157 2079		075 078 153			8194 8121 8050		073 071 144		
	6.468	2.156		514		24.365	8.122		503	
4	1827 1740 1652		087 088 175			8891 8799 8708		092 091 183		T Le Gault
	5.219	1.740		689		26.398	8.799		686	
5	1760 1670 1580		090 090 180			8903 8813 8725		090 088 178		1 hr. for lunch
	5.010	1.670		869		26.441	8.814		864	
	12.238					41.837				

F.B. 2827 PG. 42

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Hazy Inst. No. 15066
Notes by L.C. Smiley Time 11:40-1:50 Rod No. 31-32

Name L.A.Co Precise Lev. N-1
Job No. 0301.02
From BM 34-6 To BM 34-5
Date Aug. 9, 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1532	12.238	089	869		8751	41.837	090	864	
6	1493		091			8661		089		T Le Gault.
	1352		180			8572		179		
	4327	1.442		1049		25984	8.661		1043	
	1716		090			8882		089		
7	1626		090			8793		089		
	1536		180			8704		178		
	4878	1.626		1229		26379	8.793		1221	
	1631		090			8843		089		
8	1541		090			8754		089		
	1451		180			8665		178		
	4623	1.541		1409		26262	8.754		1399	
	1713		090			8889		089		
9	1623		090			8800		089		
	1533		180			8711		178		
	4869	1.623		1589		26400	8.800		1577	
	1737		089			9067		094		
10	1648		088			8973		090		
	1560		177			8883		184		
	4945	1.648		1766		26923	8.974		1761	
	20.118					85.819				

F.B. 627, P.G. 43

76P526-CE 379—10-57

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700 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 F. E. Brooks. Weather Clear. Inst. No. 15066
Notes by L. C. Smiley Time 11:40 - 1:50 Rod No. 31-32

Name L.A.Co. Precise Lev. Net.
Job No. 0301.02
From B.M. 34-6 To B.M. 34-5
Date Aug. 9, 1960
Indexed H. E. Orr

F.B. 2827, P.G. 44

Number of Station	BACKSIGHT Thread 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	1498	20.118	091	1766		10862	85.819	089	1761	T LeGault.
	1407		092			10773		088		
	1315		183			10685		177	1938	
	4.220	1.407		1949		32320	10.773			
12	0798		052			9679		051		
	0746		053			9628		053		
	0693		105			9575		104		
	2.237	0.746		2054		28822	9.627		2042	
13	1098		051			9815		054		
	1047		049			9761		052		
	0998		100			9709		106		
	3.143	1.048		2154		29285	9.762		2148	
14	0332		059			10300		060		
	0273		055			10240		061		
	0218		114			10179		121		
	0.823	1.274		2268		30719	10.240		2269	
15	0761		062			9383		062		
	0699		064			9321		061		
	0635		126			9260		123		
	2.095	0.698		2394		27964	9.321		2392	
	24.291					135.542				

76P526-CE 379—10-57

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700 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 F.E. Brooks Weather Clear Inst. No. 15066
Notes by L.C. Smiley Time 11:40 - 1:50 Rod No. 31-32

Name L.A. Co. Precise Level
Job No. 0301.02
From BM 34-6 To BM 34-5
Date Aug. 9, 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	0779	24.291	068 2394			9815	135.542	066 2392		T LeGault.
	0711		067			9749		067		
	0644		135			9682		133		
	2134	0.711		2529		19.246	9.749		2525	
17	0861		064			9692		069		
	0797		066			9623		067		
	0731		130			9556		136		
	2.389	0.796		2659		18.871	9.624		2661	
18	1829		068			7319		069		
	1761		065			7250		068		
	1696		133			7182		137		
	5.286	1.762		2792		14.751	7.250		2798	
19	5440		183			4110		187		
	5257		185			3923		183		
	5072		368			3740		370		
	15.769	5.256		3160		11.773	3.924		3168	
20	6928		189			3813		185		
	6739		187			3628		187		
	6552		376			3441		372		
	20.219	6.740		3536		10.882	3.627		3540	
	39.556					169.716				

F.B. 2627 P.G. 45

76P526-CE 379—10-57

PLEASE RETURN TO
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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 F.E. Brooks Weather Clear Inst. No. 150 66
Notes by L.C. Smiley Time 11:40-1:50 Rod No 3.1-3.2

Name L.A.Co. Precise Lev. Net.
Job No. 0301.02
From BM 34-6 To BM 34-5
Date Aug. 9, 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
2 1	6799	39.556	187	3536		5406	169.916	188	3540	B.M. 34-5
	6612		185			5220		185		25th St. and Leland Ave
	6427		372			5035		373		See F.B. 1355-11
	19.838	6.613		3908		15.663	5.221		3913	
										Summation of Run From BM 34-6 To BM 34-5
										Total Backsights = + 46.169
										" Foresights = - 174.937
										diff. elev. = - 128.768
										Back sight Stadia = 3.908
										Fore sight " = 3.913
										Total " = 7.821
										= .44 mi.
	46.169					174.937				

F.B. 2927 PG. 46

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F.E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by L.C. Smiley Time 2:00-2:25 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-6 To BM 34-7
Date Aug. 9, 1960
Indexed H.E.an

Number of Station	BACKSIGHT Thread 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	8962		188			4315		187		B.M. 34-6
	8774		185			4128		183		25th St. and Portsmouth Rd.
	8589		373			3945		370		See F.B. 1355-11
	26325	8.775		373	74°	12388	4.129		370	
2	5339		188			7410		186		
	5151		186			7224		183		
	4965		374			7041		369		
	15455	5.151		747		21675	7.225		739	
3	2517		187			8387		186		
	2330		183			8201		183		
	2147		370			8018		369		
	6994	2.331		1117		24606	8.202		1108	
4	2368		187			8491		183		
	2181		184			8308		186		π Siemans
	1997		371			8122		369		
	6546	2.182		1488		24921	8.307		1477	
5	2928		150			8140		150		
	2778		147			7990		149		
	2631		297			7841		299		
	8337	2.779		1785		23971	7.990		1776	
	21.218					35.853				

F.B. 2827 P.G. 47

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by L. C. Smiley Time 2:00 - 2:25 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From BM 34-6 To BM 34-7
Date Aug. 9, 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread 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	5507	21.218	062	1785		6240	35.853	063	1776	BM 34-7
	5445		061			6177		064		25th St. and Western Ave
	5384		123			6113		127		See F.B. 1355-12
	16336	5.445		1908		18530	6.176		1903	
										Summation of Run
										From BM 34-6
										To BM 34-7
										Total Backsights = +26.663
										" Foresights = -42.029
										diff. elev. = -15.366
										Backsight stadia = 1.908
										Foresight " = 1.903
										Total " = 3.811
										= .22 mi.
	26.663					42.029				

F.B. 1327 P.G. 48

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F.E. Brooks Weather Hazy Inst. No. 15066
Notes by L.C. Smiley Time 11:20—11:45 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No 0301.02
From BM 34-7 To BM 34-6
Date Aug. 10, 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	6141		062		74°	5408		061		B.M. 34-7
	6079		066			5347		063		85th St. and Western Ave
	6013		128			5284		124		See F.B. 1355'-13
	18233	6.078		128		16039	5.346		124	
2	8030		148			2821		150		
	7882		147			2671		150		
	7735		295			2521		300		
	23647	7.882		423		8013	2.671		424	
3	8502		187			2375		185		
	8315		184			2190		188		
	8131		371			2002		373		
	24948	8.316		794		6567	2.189		797	
4	8248		186			2379		187		
	8062		182			2192		184		
	7880		366			2008		371		T Stenmann
	24190	8.063		1162		6579	2.193		1168	
5	7310		186			5241		187		
	7124		184			5054		186		
	6940		370			4868		373		
	21374	7.124		1532		15163	5.054		1541	
	37.463					17.463				

F.B. 1621' P.G. 49

76P526-CE 379—10-57

PLEASE RETURN TO
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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 F.E. Brooks Weather Hazy Inst. No. 15066
Notes by L.C. Smiley Time 11:20 - 11:45 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From B.M. 34-7 To B.M. 34-6
Date Aug. 19, 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	4200 4014 3829	39.463	186 185 371	1532	74°	8805 8658 8471	17.453	187 187 374	1541	B.M. 34-6
	12043	4.014		1903		25974	8.658		1915	
										N Siemann
										Summation of Run From BM 34-7 To BM 34-6 Total Backsights = + 41.477 / " Foresights = - 26.111 diff. elev. = + 15.366 /
										Backsight Stadia = 1903 Foresight " = 1915 Total " = 3818 = .22 mi.

F.B. 282 Z PG. 50

41.477 /

26.111

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F.E. Brooks Weather Clear Inst. No. 15066
Notes by L.C. Smiley Time 8:45 - 9:15 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-7 To BM 34-8
Date July 11, 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6841		184			5822		184		BM 34-7
	6657		186			5638		188		25th St. and Western Ave
1	6471		370			5450		372		See F.B. 1355-13
	19969	6.656		370	76°	16910	5.637		372	
	5660		185			4109		186		
	5475		187			3923		183		T LeGault
2	5288		372			3740		369		
	16423	5.474		742		11772	3.924		741	
	8241		188			1470		187		
	8053		185			1283		184		
3	7868		373			1099		371		
	24162	8.054		1115		3852	1.284		1112	
	9106		187			1371		184		
	8919		185			1187		187		
4	8734		372			1000		371		
	26759	8.919		1487		3558	1.186		1483	
	9212		183			1875		186		
	9029		187			1689		188		
5	8842		370			1501		374		
	27083	9.028		1857		5065	1.688		1857	
	38.131					13.719				

F.B. 2827 P.G. 57

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F. E. Brooks Weather Clear Inst. No. 15066
Notes by L. C. Smiley Time 8:45-9:15 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From B.M. 34-7 To B.M. 34-8
Date Aug. 11, 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	7291	38.131	185	1857		9791	13.719	183	1857	Summation of Run
	7106		185			9608		187		From BM 34-7
	6921		370			9421		370		To BM 34-8
	21318	7.106		2227		28820	9.607		2227	
7	4399		188			7720		182		Total Backsights = + 53.803
	4211		186			7538		181		" Foresights = - 42.836
	4025		374			7357		363		diff. elev. = + 10.967
	12635	4.211		2601		22615	7.538		2590	
8	1981		183			8507		187		Backsight Stadia = 3.346
	1798		187			8320		188		Foresight " = 3.340
	1611		370			8132		375		Total " = 6.686
	5390	1.797		2971		24959	8.320		2965	= .38 mi.
9	2695		136			8790		139		B.M. 34-E
	2559		139			8651		136		25th St and 26th St.
	2420		375			8515		375		See F.B. 1355-14
	7674	2.558		3346		25956	8.652		3340	

F.B. 2627 P.G. 62

53.803 | 42.836

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F. E. Brooks. Weather Clear Inst. No. 15066
Notes by L. C. Smiley Time 7:15-9:45 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From B.M. 34-B To B.M. 34-7
Date Aug. 11, 1963
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	8826		138			2730		140		B.M. 34-8
	8688		138			2590		139		25th St and 26th St.
	8550		276			2451		279		See F.B. 1365-14
	26064	8.688		276	76°	7771	2.590		279	
2	8523		184			2000		187		T. Le Gault
	8339		188			1813		183		
	8151		372			1630		370		
	25013	8.338		648		5443	1.814		649	
3	7666		184			4342		184		
	7482		181			4158		187		
	7301		365			3971		371		
	22449	7.483		1013		12471	4.157		1020	
4	4842		184			7343		185		
	4658		186			7158		186		
	4472		370			6972		371		
	13972	4.658		1383		21473	7.158		1391	
5	1880		188			9218		187		
	1692		184			9031		183		
	1508		372			8848		370		
	5080	1.693		1755		27097	9.032		1761	
	30.860					24.751				

F.B. 2827 P.G. 53

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. Brooks Weather Clear Inst. No. 15066
Notes by L.C. Smiley Time 9:15 - 9:45 Rod No. 31-32

Name L.A.Co. Precise Level
Job No. 0301.02
From BM 34-8 To BM 34-7
Date Aug. 11, 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	13663 0.860		186 1755			9100	24.751	187 1761		Summation of Run From BM 34-8 To BM 34-7
	11 80		186			6913		169		
	0994		372			6730		370		
	35401.180		2127			26743	8.914	2131		
7	1447		187			9217		187		Total Back sights = +42.903
	1260		183			8030		186		" Foresights = -53.865
	1077		370			7842		375		dif elev. = -10.962
	3784 1.261		2497			24089	8.030	2506		
8	4143		183			5698		188		Back sight Stadia = 3.231
	3960		181			5510		186		Foresight " = 3.253
	3729		364			5324		374		Total " = 6.484
	11882 3.960		2861			16532	5.510	2880		= mi.
9	5828		187			6845		185		B.M. 34-7
	5641		183			6660		186		252 1/2 St and Western Ave
	5458		370			6472		373		See F.B. 1355-13
	11927 5.642		3231			19977	6.660	3253		

F.B. 2827 P.G. 54

42.903 53,865 /

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Clear Inst. No. 15066
Notes by L.O. Smiley Time 10:10 - 10:45 Rod No. 31-32

Name L.A.Co. Recise Level Net
Job No. 0301.02
From BM 34-B To BM 34 B
Date 11 Aug 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3263		185			5823		183		BM 34-B
	3078		189			5640		187		25th St. and 26th St
1	2889	1	374			5453	1	370		See F.B. 1355-14
	9230	3.077		374	78°	16916	5.639		370	
	7951		188			1942		184		↑ Le Gau H
	7763		186			1758		188		
2	7577		374			1570	1	372		
	23291	7.763		748		5270	1.758		742	
	8630		185			2003		184		
	8445		185			1819		187		
3	8260		370			1632	1	371		
	25335	8.445		1118		6454	1.818		1113	
	8121		186			3421		184		
	7935		186			3237		186		
4	7749		372			3051	6	370		
	23805	7.935		1490		9709	3.237		1483	
	6986		186			3668		185		
	6800		185			3483		186		
5	6615		371			3297	1	371		
	20401	6.800		1861		10448	3.483		1854	
		34.020	1				15.935			
							5			

F.B. 1927 P.G. 55

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Clear Inst. No. 15066
Notes by L.C. Smiley Time 10:10-10:45 Rod No. 31-32

Name L.A. Co Precise Lev. Net
Job No. 0301.02
From B.M. 34-8 To B.M. 34-9
Date Aug. 11, 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	6855	34.020	184	1861		3950	15.935	187	1654	
	6671		186			3763		185		
	6485		374			3578		372		
	20011	6.670		2235		11291	3.763		2226	
7	6775		185			3628		187		
	6590		183			3441		189		
	6407		368			3252		376		
	19772	6.598		2603		10321	3.440		2602	
E	6896		186			4278		187		
	6710		185			4091		183		
	6525		371			3908		370		
	20131	6.710		2974		12277	4.092		2972	
9	5135		185			7167		187		
	4950		187			6980		183		
	4763		372			6797		370		
	14848	4.949		3346		20944	6.981		3342	
10	2860		188			7723		186		
	2672		187			7537		187		
	2485		375			7350		373		
	8017	2.672		3721		22610	7.537		3715	
	41.61X/2					41.748/6				

F.B. 2827 PG. 56

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks. Weather clear Inst. No. 15066
Notes by L.C. Smiley Time 10:10 - 10:45 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From B.M. 34-B To B.M. 34-9
Date Aug. 16, 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4017 6161		1283721			2836 41.74		1393715		B.M. 34-9 (U.S. 4203)
11	3889		127			2697 6		138		25th St 1.0m W of Western
	3762		255			2559		277		See F.B. 1355 - 15
	11668	3.889		3976		8092	2.697		3992	
										T Le Grand
										Summation of Run From BM 34-B To BM 34-9
										Total Backsights = + 65.509 Total Foresights = - 44.443 diff. elev. = + 21.066
										Backsight stadia = 3.976 Foresight " = 3.992 Total " = 7.968 = .45 mi.
	65.509					44.443				
	3					3				

F.B. 2827 P.G. 57

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Clear Inst. No. 15066
Notes by L.C. Smiley Time 10:45–11:20 Rod No. 31-32

Name L.A. Co Precise Lev. Net
Job No. 0301.02
From BM 34-9 To BM 34-8
Date Aug. 11, 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread 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	2807		138			3987		127		BM 34-9 (U.S. 4203) 25th St. 1.0 mi. W of Western See F.B. 1355-15
	2669		139			3860		126		
	2530		277			3734		253		
	8006	2.669		277		11581	3.860		253	
2	7467		187			2805		186		
	7280		188			2619		188		
	2292		375			2431		374		
	22439	7.479		652		7855	2.619		627	
3	7102		181			5083		190		
	6921		178			4893		190		
	6743		359			4703		380		
	20766	6.922		1011		14679	4.893		1007	
4	4239		186			6660		186		
	4053		185			6674		189		
	3868		371			6485		375		
	12160	4.053		1382		20019	6.673		1382	
5	3572		185			6722		183		
	3387		185			6539		187		
	3202		370			6352		370		
	10161	3.387		1752		19613	6.539		1752	
	24.510					24.584				

F.B. 282 7 PG. 58

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks. Weather Clear. Inst. No. 15066
Notes by L.C. Smiley Time 10:45-11:20 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From BM 34-9 To BM 34-8
Date Aug. 11, 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	3898	2.4510	187	1752		6808	24.584	184	1752	
	3711		187			6624		185		
	3524		374			6439		369		
	11133	3.711		2126		19871	6.624		2121	
7	3642		191			6954		185		
	3451		187			6769		187		
	3264		378			6582		372		
	10357	3.452		2504		20305	6.768		2493	
8	3451		182			8153		184		
	3269		185			7969		188		
	3084		367			7781		372		
	9804	3.268		2871		23903	7.968		2865	
9	2068		187			8695		185		
	1881		183			8510		185		
	1698		370			8325		370		
	5647	1.882		3241		25530	8.510		3235	
10	1997		187			8007		188		
	1810		186			7819		188		
	1624		373			7631		376		
	5431	1.810		3614		23457	7.819		3611	
	38.633					62.273				

F.B. 62 L.P.G. 53

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Clear Inst. No 15066
Notes by L. C. Smiley Time 10:45-11:20 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From B.M. 34-9 To B.M. 34-8
Date Aug. 11, 1960
Indexed H.E. OD

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	5840 5653 5470 16963	38.633 5.654	187 183 370	3614 3984		3279 3091 2906 9276	62.273 3.092	188 185 373	3611 3984	B.M. 34-8 25th St and 26th St See F.B. 1355-14
										Summation of Run From BM 34-9 To BM 34-8
										Total Backsights = + 44.287 " Foresights = - 65.365 diff elev = - 21.078
										Backsight Stadia = 3984 Foresight " = 3984 Total " = 7.968 = .45 mi

44.287 65.365

③ F.B. 2827 P.G. 60

76P526-CE 379---10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather hazy sun Inst. No. 16066
Notes by R. F. Siemann Time 09:00-09:30 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-B To BM 34-9
Date 19 Aug 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	3.361 3.177 2.990 9.528	3.176	184 187 371	.371	68°	5.921 5.738 5.552 17.211	5.737	183 186 369	.369	BM 34-B 25th St and 26th St. See F.B. 1355-14
2	8.134 7.948 7.759 23.841	7.947	186 189 375	.746		2.123 1.938 1.751 5.812	1.937	188 187 375	.744	℄ LeGault
3	8.765 8.579 8.395 25.739	8.580	186 184 370	1.116		2.137 1.951 1.766 5.854	1.951	186 185 371	1.115	
4	8.212 8.026 7.839 24.077	8.026	186 187 373	1.489		3.512 3.329 2.144 9.985	3.328	183 185 368	1.483	F.B. 2827 P.G. 61
5	7.178 6.951 6.767 20.896	6.952	187 184 371	1.860		3.820 3.632 3.447 10.899	3.633	188 185 373	1.856	
	34.681					16.586				

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather hazy sun Inst. No. 15066
Notes by R.F. Siemann Time 09:00 - 09:30 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-B To BM 34-9
Date 19 Aug 1960
Indexed H.E. Ott

F.B. 2827 PG. 62

Number of Station	BACKSIGHT Thread 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	6.943	34.681	185	1.860		4.037	16.586	187	1.856	
	6.758		186			3.850		187		
	6.572		371			3.663		374		
	20.273	6.758		2.231		11.550	3.850		2.250	
7	6.715		184			3.764		186		
	6.731		183			3.578		187		
	6.548		367			3.391		373		
	20.194	6.731		2.598		12.733	3.576		2.603	
8	7.012		188			4.390		185		
	6.824		184			4.205		185		
	6.640		372			4.020		370		
	20.476	6.825		2.770		12.615	4.205		2.773	
9	5.259		188			7.293		193		
	5.071		186			7.100		192		
	4.885		374			6.912		378		
	15.215	5.072		3.344		21.537	7.179		3.742	
10	2.941		186			7.502		184		
	2.755		185			7.318		188		
	2.570		371			7.130		372		
	8.266	2.755		3.715		22.950	7.617		3.718	
	62.822					42.935				

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather hazy Sun Inst. No. 15066
Notes by R.F. Sisemann Time 09:00 - 09:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-8 To BM 34-9
Date 19 Aug. 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	4.104	62.822	125	3.715		2.921	42.935	139	2.718	BM 34-9 (U.S. 4203)
	3.979		128			2.782		140		25th St. 1.0mi. W. of Western
	3.851		125			2.652		279		Ave See F.B. 1355-15
	11.934	3.978		3.968		8.345	2.782		3.997	
										Summation of Run
										From BM 34-8
										To BM 34-9
										66.800
										Total Backsights = + ~~66.790~~
										" Foresights = - 45.717
										diff. elev = + ~~21.073~~ 21.083
										Backsight stadia = 3.968
										Foresight " = 3.997
										Total " = 7.965
										= .45 mi.
	66.800					45.717				F.B. 2827 P.G. 23
	~~66.790~~									

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

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

F.B. 282 Pg. 24

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by L.C. Smiley Time 1.40 - 2.10 Rod No. 31-32

Name L.A. Co.
Job No. 0301.02
From BM 34-9 To BM 34-10
Date Aug. 11, 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	1200 1011 0822 3033	1.011	189 189 378	378	78°	5062 4878 4691 14631	4.877	184 187 371 371		B.M. 34-9 (U.S. #203) 25th St 1.0 m. W. of Western Ave See F.B. 1355-15
2	5239 5052 4868 15159	5.053	187 184 371 749			5602 5418 5230 16250	5.417	184 188 372 743		T Le Gault
3	4598 4411 4225 13234	4.411	187 186 373 1122			5770 5585 5400 16755	5.585	185 185 370 1113		
4	4593 4408 4222 13223	4.408	185 186 371 1493			6112 5928 5742 17782	5.927	184 186 370 1483		
5	4069 3883 3701 N 653	3.884	186 182 368 1861			5814 5630 5444 16888	5.629	184 186 370 1853		
	18.767					27435				

F.B. 1355 P.G. 15

(3)

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather clear-Windy Inst. No. 13066
Notes by L.C. Smiley Time 1:40 - 2:10 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301-02
From BM 34-9 To BM 34-10
Date Aug. 11, 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread 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	4171	18.767	185	1861	78°	3023	27.435	189	1853	
	3986		184			2834		189		
	3802		369			2645		378		
	11959	3.986		2230		8502	2.834		2231	
7	8082		187			3478		186		
	7895		187			3292		184		
	7708		374			3108		370		
	23685	7.895		2604		9878	3.292		2601	
8	6470		151			2295		152		B.M. 34-10 (U.S. 4202) 25th St. at Pacific Telephone sta. See F.B. 1355-16
	6319		154			2147		154		
	6165		305			1993		306		
	18954	6.318		2909		6439	2.146		2907	
										Summation of Run From BM 34-9 To BM 34-10
						Backsight Stadia = 2.909				Total Backsights = + 36.966
						Foresight " = 2.907				" Foresights = - 35.707
						Total " = 5.816				diff elev. = + 1.259
	1					= .33 mi				
	36.966					35.707				

(2) F.B. 282 PG. 77

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by L. C. Smiley Time 1:15 - 1:40 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From B.M. 34-10 To B.M. 34-9
Date Aug. 11, 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	2352		150			6528		156		B.M. 34-10 (U.S. 4202) 25th St. at Pacific Telephone Sta. See F.B. 1355-16
	2202		153			6372		152		
	2049		303			6220		1308		
	6603	2.201		303		19120	6.373		308	
2	3672		186			8272		188		T. LeGault
	3486		184			8084		186		
	3302		370			7898		374		
	10460	3.486		673		24254	8.084		682	
3	3086		188			4231		182		
	2898		190			4049		181		
	2708		378			3866		363		
	8692	2.897		1051		12148	4.049		1045	
4	5854		183			4111		185		
	5671		187			3926		184		
	5484		370			3742		369		
	17009	5.670		1421		11779	3.926		1414	
5	6887		186			4669		189		
	6001		183			4480		185		
	5818		369			4295		374		
	18006	6.002		1790		13444	4.481		1788	
	20.256					26913				

F.B. 2227 P.G. 67

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by L.C. Smiley Time 1:15 - 1:40 Rod No. 31-32

Name L.A.Co. Precise Lev. Net
Job No. 0301.02
From BM 34-10 To BM 34-9
Date Aug. 11, 1968 H.E. Ott
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
6	5778	20.256	187	1790	78°	4602	26.913	185	1788	
	5591		186			4417		186		
	5405		373			4231		371		
	16774	5.591.		2163		13250	4.416.		2159	
7	5662		184			5299		186		
	5478		186			5113		183		
	5292		370			4930		369		
	16432	5.477.		2533		15342	5.114.		2528	
8	5139		185			1278		190		BM. 34-9
	4954		184			1088		189		25th St 1.0 mi. N. of Western Ave See F.B. 1355-15
	4770		369			0899		379		
	14863	4.954.		2902		13265	1.088.		2907	
(2) F.B. 2827 P.G. 68										Summation of Run From BM 34-10 To BM 34-9
						Backsight Stadia = 2.902				Total Backsights = + 36.278
						Foresight " = 2.907				" Foresights = - 37.531
						Total " = 5.809				diff. elev = -1.253
						= .33 mi.				
	36.278					37.531				

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F E Brooks Weather Overcast Inst. No. 15066
Notes by R F Sixmann Time 09:00-09:30 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-10 To BM 34-12
Date 17 Aug 1962 H. E. Ott
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
	3.382		184			4.671		183		BM 34-10 (U.S. #207
	3.198		187			4.488		184		25th St at Pacific Telephone
	3.011		371			4.304		367		Sta See F.B. 1355-16.
1	9.591	3.197.		371 ✓		13.463	4.488.		367 ✓	
	5.688		184			4.528		187		T LeGault
	5.504		184			4.341		183		
	5.320		368			4.158		370		
2	16.512	5.504.		739 ✓		13.027	4.342.		737 ✓	
	5.660		187			4.238		187		
	5.473		184			4.051		187		
	5.289		371			3.868		370		
3	16.422	5.474.		1.110 ✓		12.157	4.052.		1.107 ✓	
	10.780		192			2.824		196		
	10.588		193			2.628		199		
4	10.395		385			2.429		395		
	31.763	10.588.		1.495 ✓		7.881	2.627.		1.502 ✓	
	9.117		185			4.222		182		
	8.932		182			4.090		184		
	8.750		367			3.906		366		
5	26.799	8.933.		1.862 ✓		12.268	4.089.		1.868 ✓	
	33.696 ✓					19.598 ✓				

F.B. 2827 P.G. 69

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather overcast Inst. No. 15066
Notes by R.F. Siemann Time 09:00 - 09:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 34-10 To B.M. 34-12
Date 17 Aug. 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	5.175	33.696	147	1.862		5.459	19.598	149	1.868	
	5.028		147			5.310		149		
	4.879		296			5.161		298		
	15.082	5.027		2.158		15.930	5.310		2.166	
7	5.530		122			6.972		135		BM 34-12
	5.408		122			6.837		132		Palos Verdes Dr. S. Palos Verdes Dr. E. and 25th St.
	5.286		244			6.705		267		
	16.224	5.408		2.402		20.514	6.838		2.433	See F.B. 1355-17
										Summation of Run From BM 34-10 To BM 34-12
										Total Backsights = + 44.131
										" Foresights = - 31.746
										diff. elev. = + 12.385
										Backsight stadia = 2.402
										Foresight " = 2.433
										Total " = 4.835
										= 0.27 mi.
		44.131					31.746			

F.B. 2847 P.G. 70

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F. E. BROOKS Weather clear cool Inst. No. 15066
Notes by R. F. Siemann Time 09:36 - 10:00 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301 02
From DM 34-12 To C.M. 34-0
Date 17 Aug. 1960
Indexed R. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.118		137			5.672		119		DM 34-12
	6.981		134			5.553		120		Palos Verdes Pr. 5, Palos Verdes Dr
	6.847		271			5.433		239		E and 25.4 sf
1	20.946	6.982		271		16.658	5.553		239	See FB. 1355-17
	5.465		134			5.211		161		
	5.331		132			5.050		165		T LeGault
	5.199		266			4.885		326		
2	15.995	5.332		.537		15.146	5.049		.565	
	4.078		193			8.902		174		
	3.885		192			8.728		174		
	3.693		385			8.576		351		
3	11.656	3.885		.922		26.181	8.727		.916	
	2.892		196			10.850		195		
	2.696		192			10.655		192		
	2.499		393			10.463		387		
4	8.087	2.696		1.315		31.968	10.656		1.303	
	4.257		186			5.678		187		
	4.071		183			5.491		183		
	3.888		369			5.208		370	7	
5	12.216	4.072		1.684		16.477	5.492	7	1.693	
		12.964					35.489			

FB. 1355-17

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F. E. BROOKS Weather Overcast Inst. No. 15066
Notes by R. F. Siemann Time 07:36 - 10:00 Rod No. 21. 32

Name L.A.Co. Precise Leval Net
Job No. 0301.02
From B.M. 34-12 To B.M. 34-10
Date 17 Aug 1960
Indexed H.E.on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.445	22.967	184	1.684		5.610	35.417	185	1.693	
	4.261		184			5.425		185		
	4.077		368			5.240		370	79	
6.	12.783	4.261		2.052		16.275	5.425		2.063	
	4.791		183			3.501		186		BM 34-10 (U.S. 4202
	4.608		186			3.315		185		RS 14 St at Pacific Telephone
	4.422		369			3.130		371	50	Sta. See FB. 1355-16
7	13.821	4.607		2.421		9.946	3.315		2.434	
										Summation of Run
										From BM 12
										To BM 10
										Total Backsights = + 31.835 ✓
										" Foresights = - 44.217 ✓
										diff. elev. = -12.382 ✓
										Backsight Stadia = 2.421 ✓
										Foresight " = 2.434 (50)
										Total " = 4.855 (71)
										= 0.27
		31.835		✓			44.217		✓	

F.B. 1327 PG. 72

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. BROOKS Weather Overcast Inst. No. 15066
Notes by R.F. Siemann Time 09:33-09:36 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-11 To BM 34-12
Date 17 Aug. 1960
Indexed B.E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.536		097			6.070		095		B.M. 34-11 (U.S. 2881)
	5.439		098			5.975		095		Palos Verdes Dr. S. Palos Verdes Dr.
	5.341		195			5.880		.190		E. and 25th St
1.	16.316	5.439		.195		17.925	5.975		.190	See F.B. 1355-17
										B.M. 34-12
										same desc. as BM 34-12
										T LeGault
										Summation of Run
										From BM 34-11
										To BM 34-12
										Total Backsights = + 5.439
										" Foresights = - 5.975
										diff. elev = - 0.536
										Backsight Stadia = .195
										Foresight " = .190
										Total " = .385
										= 0.02 mi
		5.439					5.975			

F.B. 2827 PG. 73

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party E. E. BROOKS Weather Overcast Inst. No. 15066
Notes by R. F. Sizemore Time 09:30-09:33 Rod No. 21-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-12 To BM 34-11
Date 17 Aug 1960
Indexed E. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.142		095			5.606		097		B.M. 34-12
	6.047		099			5.509		099		Palos Verdes Dr. S. Palos Verdes Dr.
	5.950		.194			5.410		.196		E and 25TH St
1	18.139	6.046		.194 (2)		16.525	5.508		.196	See F.B. 1355-17
										B.M. 34-11 (U.S. 2881)
										Same Description as
										BM 34-12
										T LeGault
										Summation of Run
										From BM 34-12
										To BM 34-11
										Total Backsights = + 6.046 ✓
										" Foresights = - 5.508 ✓
										diff. elev. = + 0.538 ✓
										Backsight Stadia = .194 (2)
										Foresight " = .196
										Total " = .390 (6)
										= 0.02 mi.
F.B. 1355 PG. 74		6.046 ✓					5.508 ✓			

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A.R. Workman Time 10:30 - 11:20 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-11 To BM 34-13
Date 17 Aug. 1940
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	3407		187			6779		184		BM 34-11 (U.S. 2881), Palos Verdes Dr. S. Palos Verdes Dr. E. and 15th St. See F.B. 1355 - 17
	3220		189			6595		184		
	3031		376			6411				
	9658	3219 -		376	70°	19785	6595 -	368	368	
2	0855		185			11692		184		At Signal
	0670		182			11508		186		
	0488		367			11322				
	2013	0.671 -		743		34522	11507 -	370	738	
3	2325		094			8784		093		
	2231		091			8391		091		
	2140		185			8300		184		
	6696	2232 -		928		25175	8391 -		922	
4	2205		093			8450		090		
	2110		090			8360		091		
	2020		183			8269				
	6333	2111 -		1111		25079	8359 -	181	1103	
5	1152		147			9000		149		
	1005		148			8851		145		
	0857		295			8706		294		
	3014	1.005 -		1406		26557	8.852 -		1388	
		9238 ✓					17.704 ✓			

F.B. 1355 pg. 75

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather Hazy sun Inst. No. 15066
Notes by A R Workman Time 10:30 - 11:20 Rod No. 31-32

Name L.A. Precise Level Net
Job No. 0301.02
From BM34-11 To BM34-13
Date 17 Aug 1960
Indexed H. E. OTI

Number of Station	BACKSIGHT Thread 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	2058	9.238	148	1406		8888	43.704	148	1397	
	1910		149			8740		148		
	1761		297		70°	8592		296		
	5729	1.910		1703		26220	8.740		1693	
7	2368		149			8943		145		
	2219		149			8798		149		
	2070		298			8649		294		
	6657	2.219		2001		26390	8.797		1987	
8	1462		182			9258		189		
	1280		180			9069		185		
	1100		362			8884		374		
	3842	1.281		2363		27211	9.070		2361	
9	1812		183			9269		185		
	1629		181			9084		183		
	1448		364			8901		368		
	4889	1.630		2727		27254	9.085		2729	
10	1957		186			9541		183		
	1771		183			9358		183		
	1588		369			9175		366		
	5316	1.772		3096		28074	9.358		2095	
		18.050					88.754			

F.B. 2827 PG. 76

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F. E. Brooks Weather Sunny - Hazy Inst. No. 15066
Notes by A. R. Workman Time 10:30 11:20 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-11 To BM 34-13
Date 17 Aug. 1960
Indexed B. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2758	18.050	150	3096		8328	88.754	150	3095	
	2608		154			8178		153		
11	2454		304			8025		303		
	7820	2.607		3400		24531	8.177		3398	
	3601		073			6991		073		Total Backsights = + 26.682
	3528		076			6918		075		" Foresights = -112.178
12	3452		149			6843		148		diff. elev. = -85.496
	10581	3.527		3549		20752	6.917		3546	
	2600		102			8440		110		BM 34-13 (U.S. 4131)
	2498		103			8330		110		Palos Verdes Dr. S. 0.5 Mi. W.
13	2395		205			8220		220		of Palos Verdes Dr. S and
	7493	2.498		3754		24990	8.330		3766	Palos Verdes Dr. E. See F.B. 1355.18
										Summation of Run
										From BM 34-11
										To BM 34-13
						Back sight Stadia		=	3.754	
						Fore sight "		=	3.766	
						Total "		=	7.520	
								=	0.43 m	
		26.682					112.178			

F.B. 2827 PG. 97

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F. E. Brooks Weather Hazy-Sun Inst. No. 15066
Notes by A. R. Workman Time 11:20 12:10 Rod No. 31.32

Name L.A. Co. Precise Level Net.
Job No. 0301.02
From BM 34-13 To BM 34-11
Date 17 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	8400		110	2201	70°	2559		101	202	BM 34-13 (USC 4131)
	8290		110			2458		101		Palos Verdes Dr. S. 0.5 Mi. W
	8180		220			2357		202		of Palos Verdes Dr. S. AND
	24870	8.290				7374	2.458			Palos Verdes Dr. E. See F.B 1355:18
2	7088		076			3700		076		
	7012		072			3624		075		
	6940		148			3549		151		
	21040	7.013		368		10873	3.624		353	
3	8280		149			2715		153		
	8131		146			2562		154		
	7985		295			2408		307		
	24396	8.132		663		7685	2.562		660	
4	9543		182			1958		185		
	9361		181			1773		186		
	9180		363			1587		371		
	28084	9.361		1026		5318	1.773		1031	
5	9323		183			1868		183		
	9140		186			1685		184		
	8954		369			1501		367		
	27417	9.139		1395		5054	1.685		1398	
		41.935					12.102			

F.B. 1327 PG. 78

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A.R. Workman Time 11:20 - 12:10 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 030/07
From BM 34-13 To BM 34-11
Date 17 Aug. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9253	41.935	183	1395		1466	12.102	183	1398	
	9070		184			1283		183		
6	8886		367			1100		366		
	27209	9.070		1762		3849	1.783		1764	
	9049		149			2469		149		
	8900		150			2320		151		
7	8750		299			2169		300		
	26699	8.900		2061		6958	2.319		2064	
	8987		147			2160		150		
	8840		149			2010		149		
8	8691		296			1861		299		
	26518	8.839		2367		6031	2.010		2363	
	8972		147			1125		146		
	8825		147			0979		148		
9	8678		294			0831		294		
	26475	8.825		2651		2935	0.978		2657	
	8531		090			2287		095		
	8441		091			2192		092		
10	8350		181			2100		187		
	25322	8.441		2832		6579	2.193		2844	
		86.010					20.885			

F.B. 1317 PG. 79

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather Sunny-Haze Inst. No. 15066
Notes by A.R. Workman Time 11:20 12:10 Rod No. 31-37

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-13 To BM 34-11
Date 12 Aug. 1960 H. E. OTT
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
11	8695	86.010	093	2832		2533	20.885	092	2844	
	8602		094			2441		091		
	8508		187			2350		183		
	25805	8.602		3019		7324	2.441		3027	
12	11763		183			0931		182		
	11580		181			0749		185		
	11399		364			0564		367		
	34742	11.581		3383		2244	0.748		3394	
13	6787		187			3412		189		BM 34-11 (U.S. 2881)
	6600		187			3223		185		Palos Verdes Dr. S. Palos Verdes
	6413		374			3038		374		Dr. E. and 25th St.
	19800	6.600		3757		9673	3.224		3768	See F.B. 1355, 17
										Summation of Run
										From BM 34-13
										To BM 34-11
						Backsight Stadia	=		3.757	
						Foresight "	=		3.768	Total Backsights = + 112.793
						Total "	=		7.525	" Foresights = - 27.298
							=		0.43 mi	Diff Elev. = + 85.495
		112.793					27.298			

F.B. 2827 PG. 80

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather Sunny Light Wind Inst. No. 15066
Notes by F.E.B. Time 17:30 - 14:20 Rod No. 31-32

Name L.A.C. Proc. Sec. Level Net
Job No. 0301.02
From BM 34-13 To BM 34-14A
Date 17 Aug 1960
Indexed E. E. OTT

Number of Station	BACKSIGHT Thread 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	1.757		.110			8.732		.100		BM 34-13 (U.S. 4131)
	1.647		.110			8.632		.101		Palos Verdes Dist. 0.5 mi W. of
	1.537		.220			8.631		.201		Palos Verdes Dist & Palos Verdes Dr E.
	4.941	1.647		.220	70	25.895	8.632		.201	See F.B. 1355-18
2	1.767		.109			8.904		.108		
	1.658		.110			8.796		.108		
	1.548		.219			8.688		.216		
	4.973	1.658		.439		26.388	8.796		.417	
3	2.330		.108			7.912		.114		
	2.222		.107			7.798		.115		
	2.115		.215			7.683		.229		
	6.667	2.222		.654		23.393	7.798		.646	
4	2.558		.148			8.138		.149		
	2.410		.149			7.989		.147		
	2.261		.297			7.842		.296		
	7.229	2.410		.951		23.969	7.990		.942	
5	1.894		.147			9.580		.148		
	1.747		.149			9.432		.145		
	1.598		.296			9.287		.293		
	5.239	1.746		1.247		28.299	9.433		1.235	
		9.683					42.649			

F.B. 1327 PG. 81

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E Brooks Weather Sunny Light wind Inst. No. 15066
Notes by F.E.B. Time 13:30 - 14:20 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-13 To B.M 34-144
Date 17 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.470	9.683	.148	1.249		9.533	42.649	.148	1.235	
	1.322		.147			9.385		.147		
6	1.176		.295			9.238		.295		
	3.967	1.322		1.542		28.156	9.385		1.530	
	2.080		.187			9.160		.185		
	1.893		.185			8.975		.186		
7	1.708		.372			8.789		.371		
	5.681	1.894		1.914		26.924	8.975		1.901	
	0.782		.187			10.547		.187		
	0.595		.185			10.360		.187		
8	0.410		.372			10.173		.374		
	1.787	0.596		2.286		31.080	10.360		2.275	
	0.743		.185			10.572		.187		
	0.558		.186			10.385		.187		
9	0.372		.371			10.198		.374		
	1.673	0.558		2.657		31.155	10.385		2.649	
	0.624		.189			10.627		.188		
	0.435		.187			10.439		.187		
10	0.248		.376			10.252		.375		
	1.307	0.436		3.033		31.318	10.439		3.024	
		14.489					92.193			

F.B. 2227 pg. 82

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather Sunny Light wind Inst. No. 15066
Notes by F.E.B. Time 13:30-14:20 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM34-13 To BM34-14A
Date 17 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.814	14.449	.187	3.033		9.373	92.193	.186	3.024	Summation of Run
	0.627		.185			9.187		.187		From BM 34-13
11	0.442		.372			9.000		.373		To BM 34-14A
	1.883	0.628		3.405		27.560	9.187		3.397	
	2.282		.187			8.859		.189		Total Backsights = + 23.141
	2.095		.187			8.670		.189		" Foresights = + 124.205
12	1.908		.374			8.481		.378		diff. elev. = + 101.064
	6.285	2.095		3.779		26.010	8.670		3.775	
	1.967		.169			10.265		.165		Backsight Stadia = 4.269
	1.798		.170			10.100		.166		Foresight " = 4.272
13	1.628		.339			9.934		.331		Total " = 8.541
	5.393	1.798		4.118		30.299	10.100		4.106	= 0.48 m.
	4.207		.076			4.138		.083		BM 34-14A
	4.131		.075			4.055		.083		Palos Verdes Dr. S. at Schooner Dr.
14.	4.056		.151			3.972		.166		see F.B. 1355-45
	12.394	4.131		4.269		12.165	4.055		4.272	
		23.141					124.205			

F.B. 2827 PG. 83

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather Hazy sun Inst. No. 15066
Notes by F.E.B. Time 09:45 - 10:05 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-14A To BM 34-13
Date 18 Aug 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.130		.080			4.204		.078		BM 34-14A.
	4.050		.081			4.126		.078		Palos Verdes Dr. S. at Schooner Dr.
1	3.969		.161			4.048		156		See F.B. 1355-45
	12.149	4.050		.161	68°	12.378	4.126		.156	
	10.259		.167			1.959		.170		
	10.092		.164			1.789		.169		T LeGault
2	9.928		.731			1.620		.739		
	30.279	10.093		.492		5.368	1.789		.495	
	8.795		.187			2.220		.187		
	8.608		.189			2.033		.185		
3	8.419		.376			1.848		.372		
	25.822	8.607		.868		6.101	2.034		.867	
	9.166		.189			0.608		.187		
	8.979		.187			0.421		.185		
4	8.792		.376			0.236		.372		
	26.939	8.980		1.244		1.265	0.422		1.239	
	10.641		.183			0.640		.189		
	10.458		.187			0.451		.186		
5	10.271		.370			0.265		.375		
	31.370	10.457		1.614		1.356	0.452		1.614	
		42.187					8.823			

F.B. 1287 PG. 01

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather Hazy sun Inst. No. 15066
Notes by F E B Time 09:45 - 10:05 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-14A To BM 34-13
Date 18 Aug 60
Indexed H.E.Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.522	42.187	.184	1.614		0.699	8.823	.189	1.614	
	10.338		.187			0.510		.188		
6	10.151		.371			0.322		.377		
	31.011	10.337		1.985		1.531	0.510		1.991	
	10.650		.188			0883		.184		
	10.462		.184			0.699		.186		
7	10.278		.372			0.513		.370		
	31.390	10.463		2.357		2.095	0.698		2.761	
	9.242		.184			2.161		.183		
	9.058		.187			1.978		.187		
8	8.871		.371			1.791		.370		
	27.171	9.057		2.728		5.930	1.977		2.731	
	9.539		.148			1.475		.147		
	9.391		.149			1.328		.149		
9	9.242		.297			1.180		.295		
	28.172	9.391		3.025		3.983	1.328		3.026	
	9.702		.147			2.015		.147		
	9.555		.147			1.868		.149		
10	9.408		.294			1.719		.296		
	28.665	9.555		7.319		5.602	1.867		3.322	
		90.990					15.203			

F.B. 1447 PG. 85

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F. E. Brooks Weather Hazy sun Inst. No. 15066
Notes by F.E.B. Time 09:15-10:05 Rod No. 31-32

Name L. A. Co. Precise Level Net
Job No. 0301.02
From BM 34-14A To BM 34-13
Date 18 Aug. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.230	90.990	.146	3.319		2.652	15.203	.148	3.322	Summation of Run
	8.084		.147			2.504		.146		From BM 34-14A
11	7.937		.293			2.358		.294		To BM 34-13
	24.251	8.084		3.612		7.514	2.505		3.616	
	7.844		.110			2.270		.110		Total Backsights = + 124.438
	7.734		.111			2.160		.112		" Foresights = - 23.373
12	7.623		.221			2.048		.222		diff. elev. = +101.065
	23.201	7.734		3.833		6.478	2.159		3.838	
	8.980		.109			1.843		.109		Backsight Stadia = 4.248
	8.871		.106			1.734		.108		Foresight " = 4.274
13	8.765		.215			1.626		.217		Total " = 8.522
	26.616	8.872		4.048		5.203	1.734		4.055	= 0.48 mi.
	8.858		.100			1.881		.109		BM 34-13 (U.S. 4131)
	8.758		.100			1.772		.110		Palos Verdes Dr. S. 0.5 mi. W of
14	8.658		.200			1.662		.219		Palos Verdes Dr. S & Palos Verdes Dr. E.
	26.274	8.758		4.248		5.315	1.772		4.274	See F.B. 1355-B
		124.438					23.373			

F.B. 1327 PG. BL

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 F.E. Brooks Weather Hazy Sun Inst. No. 15066
Notes by R.R. Workman Time 10 30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-14A To BM 34-15A
Date 18 Aug 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4652 4518 4383 13553	4517 +	134 135 269	269		4778 4643 4611 13932	4644 +	135 132 267	267	BM 34-14A Palos Verdes Dr. S and Schooner Dr See F.B. 1355 - 45
										BM 34-15A Palos Verdes Dr. S. and entrance to Portuguese Bend Club See F.B. 1355 - 45
										A Le Gault Summation of Run From BM 34-14A To BM 34-15A
										Total Backsights = + 4.517 ✓ " Foresights = - 4.644 ✓ diff. elev. = - 0.127 ✓
										Backsight Stadia = .269 ✓ Foresight Stadia = .267 ✓ Total Stadia = .536 ✓ = 0.03 ft.
		4.517 ✓					4.644 ✓			

F.B. 2227 P.G. 87

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 F. E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A. R. Workman Time 10:30 Rod No. 31-37

Name L.A.Co. Precise Level Net
Job No. 030102
From BM 34-15A To BM 34-14A
Date 18 Aug. 1960 H. E. ON
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
	4711		131	263		4583		133	266	BM-34-15A
	4580		132			4450		133		Palos Verdes Dr. S. and entrance
	4448		263			4317		266		To Portuguese Bend Club
	13739 4579 ~					13350 4450 ~				See F.B. 1355-45
										BM 34-14A
										Palos Verdes Dr. S. and Johnson Dr. See F.B. 1355-45
										T = LeGault
										Summation of Run
										From BM 34-15A
										To BM 34-14A
										Total Backsights = + 4.579 ✓
										" Foresights = - 4.450 ✓
										diff. elev. + 0.129 ✓
										Backsight Stadia = .263 -
										Foresight " = .266 -
										Total " = .529 -
										= 0.03m.
	4.579 ~					4.450 ~				

F.B. 2827 P.G. 88

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 T. E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A. R. Nordman Time 10:40 11:20 Rod No. 31-32

Name L. A. Co. Precise Level Net
Job No. 0301.02
From BM 34-15 A To BM 50-13
Date 18 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5073		105	211		5891		098	193	BM 34-15A
	4918		106			5793		095		Palos Verdes Dr. S. and entrance
	4812		211			5698		193		To Portuguese Bend Club
	14753	4.918-			72	17382	5.794+			See F.B. 1355 - 45
2	4475		190			6044		185		π LeGault
	4285		187			5859		187		
	4098		377			5672		372		
	12858	4.286-		588		17575	5.858+		565	
3	4600		182			6148		191		
	4418		183			5957		190		
	4235		365			5767		381		
	13253	4.418-		953		17872	5.957-		946	
4	4601		188			6187		187		
	4413		185			6000		189		
	4228		373			5811		376		
	13242	4.414-		1326		17998	5.999-		1322	
5	2632		194			6428		187		
	2438		196			6241		185		
	2242		390			6056		372		
	7312	2.437-		1716		18725	6.242-		1694	
		20.473					29.850			

F.B. 2821 P.G. 89

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 E.E. Brooks Weather Hazy, Sun Inst. No. 15066
Notes by A.R. Workman Time 10:40 11:20 Rod No. 31-82

Name L.A.Co. Precise Level Net
Job No. 030102
From BM 34-15A To BM 50-13
Date 18 Aug 1960
Indexed H.E. on

F.B. 8827 P.G. 90

Number of Station	BACKSIGHT Thread 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	3564	20.473	149	1716		6662	29.856	150	1694	
	3415		148			6510		149		
	3267		297			6363		299		
	10246	3.415		2013		19537	6.512		1993	
7	3391		146			6683		152		
	3245		144			6531		150		
	3101		290			6381		302		
	9737	3.246		2303		19595	6.532		2295	
8	3326		146			6456		148		
	3180		148			6308		149		
	3032		294			6159		297		
	9538	3.179		2597		18923	6.308		2592	
9	4271		153			6321		150		
	4118		153			6171		148		
	3965		306			6023		298		
	12354	4.118		2903		18515	6.172		2890	
10	4418		148			6603		148		
	4270		149			6455		147		
	4121		297			6308		295		
	12809	4.270		3200		19366	6.455		3185	
	38.701					64.829				

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 F. E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A. R. Workman Time 10:30 11:20 Rod No. 31-32

Name L.A.Co. Recreation No. 5
Job No. 0301.02
From BM 34-5A To BM 50-13
Date 18 Aug. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4490	38.701	125	3200		4358	61.829	135	3185	BM 50-13
11	4365		126			4223		134		Palos Verdes Dr. S. .4 mi. W.
	4239		251			4089		269		of Portuguese Bend Club
	13.094	4.365		3451		12.670	4.223		3454	see F.B. 2363-189
										Summation of Run
										From BM 34-15A
										To BM 50-13
										Total Backsights = + 43.066
										" Foresights = - 66.052
										diff elev = - 22.986
										Backsight stadia = 3451
										Foresight " = 3.454
										Total " = 6.905
										= .39
		43.066					66.052			

F.B. 2364 P.G. 21

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy - Sunny Inst. No. 15066
Notes by A. R. Wakeman Time 11:20 11:50 Rod No. B1-32

Name L.A.Co Precise Level Net
Job No. 0301.02
From BM 50-13 To BM 34-15A
Date 14 Aug. 1962
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	4422		134	270		4550		128	252	BM 50-13
	4288		136			4422		124		Palos Verdes Dr. S. 4 m. W.
	4152		270			4298		252		of Portuguese Bend Mtb
	12862	4.287				13270	4.423			See F.B. 2363-189
2	6560		150			4379		149		T LeGon H
	6410		148			4230		150		
	6262		298	568		4080		299	551	
	19232	6.411				12689	4.230			
3	6330		149			4280		156		
	6181		149			4124		154		
	6032		298	866		3970		310	861	
	18543	6.181				12374	4.125			
4	6331		143			3212		152		
	6188		144			3060		152		
	6044		287	1153		2908		304	1165	
	18563	6.188				9180	3.060			
5	6512		147			3227		148		
	6365		147			3079		148		
	6218		294	1441		2931		296	1461	
	19095	6.365				9237	3.079			
	29.432					18.917				

F.B. 2327 P.G. 92

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy-Sun Inst. No. 15066
Notes by A. R. Workman Time 11:20 11:50 Rod No. 31-32

Name L A Co. Precise Lev. Jr.
Job No. 0301.02
From BM 50-13 To B[illegible]
Date 18 Aug 1933
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6597	29.432	147	14471		3505	18.917	150	14611	
6	6450		147			3355		150		
	6303		294			3205		300		
	19350	6.450		17411		10065	3.355		17611	
	6511		188			2712		192		
7	6323		185			2520		193		
	6138		373			2327		385		
	18972	6.324		21141		7559	2.520		21161	
	6151		191			4559		180		
8	5960		195			4379		179		
	5765		386			4200		359		
	17876	5.959		25001		13138	4.379		25051	
	6118		187			4576		187		
9	5931		187			4389		188		
	5744		374			4201		375		
	17793	5.931		28741		13166	4.389		28801	
	5862		186			4296		188		
10	5677		187			4108		189		
	5490		373			3919		377		
	17029	5.676		32461		12323	4.108		32571	
		59.772					37.668			

F.B. 2821 P.G. 97

76P526 S & E #379 1-54

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Chief of Party E.E. Brooks Weather Hazy-Sun Inst. No. 15066
Notes by A.R. Workman Time 11:20 11:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. Q50102
From BM-50-13 To BM 34-15A
Date 18 Aug. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5804	59.702	099	3246		4929	39.668	104	32571	BM 34-15A
	5705		099			4825		104		Palos Verdes Dr. S. and entrance to
	5606		198			4721		208		Portuguese Bend Club
	17116	5.705		3444		14475	4.825		3465	See F.B. 355-45
										Summation of Run
										From BM50-13
										To BM 34-15A
										Total Backsights = +65.497
										" Foresights = - 42.493
										diff elev. +22.984
										Backsight Stadia = 3.444
										Foresight " = 3.465
										Total " = 6.909
										= 0.39 mi.

F.B. 2827 P.G. 94

65.497

42.493

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather Warm - Sunny Inst. No. 15066
Notes by R. E. Siemann Time 13:00 - 14:00 Rod No. 31-32

Name L.A.B. Precise Level Net
Job No. 0301.02
From B.M. 50-13 To B.M. 34-17 A
Date 18 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.291	45.780	150	3.225		4.249	61.894	149	3.231	
	6.141		146			4.100		149		
	5.995		296			3.951		298		
11	18.427	6.142		3.521		12.300	4.100		3.529	
	6.594		145			5.369		148		
	6.449		147			5.221		148		
	6.302		292			5.073		296		
12	19.345	6.448		3.813		15.663	5.221		3.825	
	2.338		110			9.220		110		
	2.228		110			9.110		109		
	2.118		220			9.001		219		
13	6.684	2.228		4.033		27.331	9.110		4.044	
	2.730		146			5.589		148		
	2.584		144			5.441		149		
	2.440		290			5.292		297		
14.	7.754	2.585		4.323		16.322	5.441		4.341	
	6.321		090			2.920		090		
	6.231		090			2.830		090		
	6.141		180			2.740		180		
15.	18.693	6.231		4.503		8.490	2.830		4.521	
		69.414					88.596			

F.B. 2827 P.G. 97

76P526 S & E #379 1-54

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Chief of Party F.E. BROOKS Weather Warm - Sunny Inst. No. 15066
Notes by R.F. Simons Time 13:00 - 14:00 Rod No. 21-32

Name L.A. Co. Precise Level Net
Job No. 0201.02
From B.M. 50-13 To B.M. 34-17A
Date 18 Aug. 1960
Indexed H. E. OT.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.630	6.9414	103.	4.503		2.662	8.8596	104.	4.321	
	7.527		105			2.558		109		
	7.422		208			2.451		213		
16	22.579	7.526		4.711		7.671	2.557		4.734	
	6.652		160.			7.217		156.		
	6.492		166			7.061		152		
	6.322		320			6.908		309		
17	19.476	6.492		5.031		21.186	7.062		5.043	
	5.328		X78			5.201		X72		BM 34-17A.
	5.250		X77			5.629		X72		Palos Verdes Dr. S. and Pepper tree Ln. See F.B. 1355-
	5.173		~~155~~ 155			5.557		~~144~~ 144		
18	15.751	5.250		5.186		16.887	5.629		5.187	
										Summation of Run From BM 50-13 To BM 34-17A
F.B. 1282 P.G. 98						Backsight Stadia = 5.186				Total Backsights = +88.682
						Forcsight " = 5.187				" Foresights = -103.844
						Total " = 10.373				diff. elev. = - 15.162
						=0.61 mi.				
	88.682					103.844				

76P526 S & E #379 1-54

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Chief of Party F.E. BROOKS Weather hazy sun Inst. No. 1066
Notes by R.F. Siemann Time 10:00 - 11:15 Rod No. 21-22

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-17A To BM 60-C
Date 19 Aug. 1960
Indexed U.E. cm

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.553		073			5.177		076		BM 34-19A
	5.480		072			5.101		074		Palos Verdes Dr. S. and Peppertree Ln
1	5.408		145			5.027		150		See F.B. 1355-44
	16.441	5.480		.145		15.305	5.102		.150	
	7.162		153			6.579		160		
	7.009		154			6.439		160		
2	6.855		307			6.279		320		
	21.026	7.009		.452		19.317	6.439		.470	
	2.613		105			7.581		103		
	2.508		106			7.478		106		
3	2.402		211			7.372		209		
	7.523	2.508		.663		22.431	7.477		.679	
	2.917		087			6.320		090		
	2.826		089			6.230		090		
4	2.739		178			6.140		180		
	8.484	2.828		.521		18.690	6.230		.859	
	5.571		148			8.711		143		
	5.423		146			8.568		145		
5	5.277		294			8.423		288		
	16.271	5.424		1.135		25.702	8.567		1.147	
	23.249					27.815				

F.B. 1355 PG. 99

76P526 S & E #379 1-54

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Chief of Party F.E. BROOKS Weather hazy sun Inst. No. 2066
Notes by R.F. Siemann Time 10:00 - 11:15 Rod No. 21-22

Name L.A.Co. Precise Level Net
Job No. 03 01 02
From BM 34-17A To BM 50-13
Date 19 Aug. 1960
Indexed H.E. OTT

F.B. 1827 P.G. 100

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.794	23.249	119	1.1351		2.890	27.815	100	1.1471	
	9.675		119			2.790		100		
6	9.556		238	73		2.690		200		
	29.025	9.675		1.775		8.370	2.790		1.347	
	5.411		146			6.636		145		
	5.265		148			6.491		145		
7	5.117		294	67		6.346		290		
	15.793	5.264		1.629		19.473	6.491		1.637	
	4.210		148			6.251		148		
	4.062		150			6.103		147		
8	3.912		298	65		5.956		295		
	12.184	4.061		1.932		18.310	6.103		1.932	
	6.470		182			7.828		187		
	6.288		185			7.641		186		
9	6.103		367	332		7.455		373		
	18.861	6.287		2.294		22.924	7.641		2.305	
	4.427		113			9.168		111		
	4.314		110			9.057		109		
10	4.204		223	55		8.948		220		
	12.945	4.315		2.577		27.173	9.058		2.525	
	52.851					59.898				

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Chief of Party F. E. BROOKS Weather hazy, sun Inst. No. 15066
Notes by R. F. Siemann Time 10:00 - 11:15 Rod No. 31-22

Name L.A. Co. Precise Level Net
Job No. 92 of 02
From BM 24-12A To BM 50-13
Date 19 Aug. 1963
Indexed H. E. ON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.227	2.851	147	2.547		5.571	5.898	150	2.525	
	3.076		148	55		5.421		149		
11	2.928		295	50		5.272		299		
	9.227	3.076		2.812		16.264	5.421		2.824	
	5.951		185			6.942		182		
	5.766		187			6.760		182		
12	5.579		372	222		6.578		364		
	17.296	5.765		3.184		20.280	6.760		3.188	
	5.061		183			5.326		185		
	4.878		182			5.141		183		
13	4.691		370	92		4.958		368		
	14.630	4.877		3.554		15.425	5.142		3.556	
	5.995		147			1.277		148		
	5.848		148			1.131		149		
14	5.700		295	87		0.982		297		
	17.543	5.848		3.849		3.392	1.131		3.853	
	9.413		095			1.107		096		
	9.318		097			1.011		094		
15	9.221		192	79		0.917		190		
	27.952	9.317		4.041		3.035	1.012		4.043	
		81.734					79.364			

F.B. 2099 P.G. 101

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather hazy Sun Inst. No. 150C6
Notes by R.F. Siemann Time 10:00 - 11:15 Rod No. 21-22

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-17A To BM 50-13
Date 19 Aug 1960
Indexed H.E. OH

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	9.542	81.734	164	4.044		2.985	79.364	186	4.043	
	9.378		156	97		2.799		184		
	9.192		370	49		2.615		370		
	80729.357			4.441		79992.800			4.413	
17	5.922		184			4.141		183		
	5.738		367	816		3.958		183		
	5.555					3.775		366		
	17216 5.739			4.278		11 8743.958			4.779	
18	7.552		190			3.091		189		B.M. 50-13
	7.362		191			2.902		189		Palos Verdes Dr. .4 mi W of
	7.171		381	97		2.713		378		Portuguese Bend Club
	22085 7.362			5.157		8706 2.902			5.157	See F.B. 2363-189
										Summation of Run
										From BM 34-17A
										To BM 50-13
						Backsight Stadia = 5.159				Total Backsights = + 104.192
						Foresight " = 5.157				" Foresights = - 89.024
						Total " = 10.316				diff e/tr. + 15.168
						= 0.61 mi				

F.B. 2827 P.G. 102

104.192

89.024

76P526 S & E #379 1-54

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Chief of Party F.E. Brooks Weather Hazy Sun Inst. No. 15066
Notes by Le Gault Time 11:30 - 1:30 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-17A To BM 34-16
Date 19 Aug 1963
Indexed H.E. QT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4779		189			4330		186		BM 34-17A
1	4590		185			4144		184		Palos Verdes Dr. S. and Pippin Ave
	4405		374			3960		370		Ln Set F.B. 1355-44
	13774	4591		374		12434	4145		370	
	5718		183			5362		182		T Workman
2	5535		185			5180		183		
	5350		368			4997		365		
	16603	5534		742		15539	5179		735	
	4149		182			5850		184		
3	3967		183			5666		186		
	3784		365			5480		370		
	11900	3967		1107		16996	5665		1105	
	6463		188			8762		187		1 hr. for lunch
4	6275		186			8575		184		
	6089		374			8391		371		
	18827	6276		1481		25728	8576		1476	
	1969		146			9239		149		
5	1823		146			9090		145		
	1677		292			8945		294		
	5469	1823		1773		27274	9091		1770	
		22.191					32.656			

F.B. 2017 P.G. 103

76P526 S & E #379 1-54

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Chief of Party F E Brooks Weather Hazy sun Inst. No. 15066
Notes by D. LeGault Time 11:30 1:31 Rod No. 31-32

Name LA Co. Precise Level Net
Job No. 0301.02
From BM 34-17A To BM 34-18
Date 9 Aug 1960
Indexed H.E. ON

Number of Station	BACKSIGHT Thread 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	1829	22.191	110	1773		9162	32.656	113	1770	
	1719		109			9049		110		
	1610		219			8939		223		
	5158	1719 -		1992		27150	9050 -		1993	
7	2342		075			8002		074		
	2267		074			7928		075		
	2193		149			7853		149		
	6802	2267 -		2141		23783	7928 -		2142	
8	5297		071			5994		052		BM-34-18
	5226		076			5942		053		Palos Verdes Dr. S. and Narcissa Dr.
	5156		141			5889		105		S.E. F.B. 1355-22
	15795	5.276 -		2282		17825	5942 -		2247	
										Summation of Run
										From BM 34-17A
										To BM 34-18
						Backsight Stadia =		2.282		Total Backsights = + 31.403
						Foresight " =		2.247		" Foresights = - 55.576
						Total " =		4.529		Diff Elev. = - 24.173
						= .26 mi.				

F.B. 2327 P.G. 104

31.403

55.576

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 F.E. Brooks Weather Hazy-Sun Inst. No. 15066
Notes by L.E. Coult Time 1:30 - 2:15 Rod No. 31-32

Name L.A. Co. Dept. of Engineering
Job No. 030102
From BM 34-18 To BM 34-17A
Date 19 Aug 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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		053			5263		071		BM 34-18
	5909		052			5192		070		Palos Verdes Dr. S. and
1	5857		105			5122		141		Narcissa Dr.
	17728	5909		105		15577	5192		141	See F.B. 1355-22
	8305		083			2629		065		T WOLKMAN
	8222		084			2564		065		
2	8138		167			2499		130		
	24665	8222		272		7692	2564		271	
	9089		111			1759		112		
	8978		109			1647		112		
3	8869		220			1535		224		
	26936	8979		492		4941	1647		495	
	9231		146			1968		148		
	9085		145			1820		149		
4	8940		291			1671		297		
	27256	9085		783		5459	1820		794	
	8760		195			6454		184		
	8575		184			6270		182		
5	8391		369			6088		366		
	25726	8575		1152		18812	6271		1158	
		42.770					12.494			

F.B. 2317 P.G. 105

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 F E Brooks Weather Hazy Sun Inst. No. 15066
Notes by L C Gault Time 1:30 - 2:15 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-18 To BM 34-17A
Date 19 Aug 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5785	40.770	185	1152		4085	17.494	183	1157	
	5600		183			3902		181		
	5417		368			3721		364		
	16802	5601		1520		11708	3903		1522	
7	5247		184			5603		185		
	5063		185			5418		185		
	4878		369			5233		370		
	15188	5063		1889		16254	5418		1892	
8	4287		185			4736		188		BM 34-17A.
	4102		184			4548		186		Palos Verdes Dr. S. and Peppertree
	3918		369			4362		374		Ln. See F.B. 1355-44
	12307	4102		2258		13646	4549		2266	
										Summation of Run From BM 34-18 To BM 34-17A
						Backsight Stadia = 2.258				
						Foresight Stadia = 2.266				Total Backsights = +55.536
						Total Stadia = 4.524				" Foresights = -31.364
						= .26m.				diff. elev. = +24.172
	55.536					31.364				

F.B. 2327 P.G. 106

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Cloudy Inst. No. 15066
Notes by F.E.B. Time 09:15 - 10:05 Rod No. 31-32

Name L.A.Co. Precise Level No I
Job No. 0301.02
From BM 34-18 To BM 34-19A
Date 22 Aug 196
Indexed H.E. OT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.307		.068			6.074		.065		BM 34-18
	2.239		.068			6.009		.065		Palos Verdes, N.S. and Narcissa Dr.
1.	2.171		.136			5.944		.130		See F.B. 1355-22
	6.717	2.239		.136	70°	18.027	6.009		.130	
	1.950		.128			8.520		.130		
	1.822		.127			8.390		.128		T Siemann
2.	1.695		.255			8.262		.258		
	5.467	1.822		.391		25.172	8.391		.388	
	4.354		.187			4.969		.186		
	4.167		.186			4.783		.185		
3.	3.981		.373			4.598		.371		
	12.502	4.167		.764		14.350	4.783		.759	
	6.580		.186			4.620		.188		
	6.394		.186			4.432		.184		
4	6.208		.372			4.248		.372		
	19.182	6.394		1136		13.300	4.433		1.131	
	6.402		.184			4.763		.184		
	6.218		.187			4.579		.188		
5,	6.031		.371			4.391		.372		
	18.651	6.217		1.507		13.733	4.578		1.503	
		20.839					28.194			

F.B. 2827 P.G. 107

76P526 S & E #379 I-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Cloudy Inst. No. 15066
Notes by F.E.B. Time 09:15 - 10:05 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-18 To BM 34-19A
Date 22 Aug 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.032	20.839	.183	1501		4.857	28.194	.188	1503	
	5.849		.186			4.669		.185		
6	5.663		.369			4.484		.373		
	17.544	5.848	-	1.876		14.010	4.670	-	1.876	
	6.268		.186			4.122		.185		
	6.082		.184			3.937		.188		
7	5.898		.370			3.749		.373		
	18.248	6.083	-	2.246		11.808	3.936	-	1.249	
	6.787		.187			4.547		.187		
	6.600		.190			4.360		.189		
8	6.410		.377			4.171		.376		
	19.797	6.599	-	2.623		13.078	4.359	-	2.625	
	6.524		.184			5.123		.187		
	6.340		.184			4.941		.183		
9	6.156		.368			4.758		.370		
	19.020	6.340	-	2.991		14.827	4.942	-	2.995	
	5.891		.184			4.819		.189		
	5.707		.186			4.630		.186		
10	5.521		.370			4.444		.375		
	17.119	5.706	-	3.361		13.893	4.631	-	3.370	
	51.415					50.732				

F.B. 1827 P.G. 108

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 F. E. Brooks Weather Cloudy Inst. No. 15066
Notes by F.E.B. Time 09:15 10:05 Rod No. 31-32

Name L. A. C. Precise Level Net
Job No. 0301.02
From BM34-18 To BM34-19A
Date 22 Aug 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.281	51.415	.208	3.361		2.962	50.732	.205	3.370	BM 34-19 A
	6.073		.209			2.757		.209		Palos Verdes Dr. S. near Wayfarer's
11.	5.864		.417			2.548		.414		Chapel see F.B. 1355-50B
	18.218	6.073		3.778		8.267	2.756		3.784	
										Summation of Run From BM34-18 To BM34-19A
										Total Backsights = + 57.488
										" Foresights = − 53.488
										diff. elev. = + 4.000
										Backsights Stadia = 3.778
										Foresight " = 3.784
										Total " = 7.562
										= 0.43 mi.
		57.488					53.488			

F.B. 1827 P.G. 109

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 F. E. Brooks Weather Cloudy Inst. No. 15066
Notes by A. R. Workman Time 10:05 10:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-19A To BM 34-18
Date 22 Aug. 1960
Indexed M. E. OTT

Number of Station	BACKSIGHT Thread 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	3122		211			6432		207		BM 34-19A
	2911		209			6225		205		Palos Verdes Dr. S. and Wayfarer's
	2702		420			6020		412		Chapel See F.B. 1355-50B
	8735	2.912 -		420	70°	18776	6.226 -		412	
2	4789		188			5866		186		
	4601		186			5680		186		
	4415		374			5494		372		
	13805	4.602 -		794		17040	5.680 -		784	
3	5096		186			6491		183		
	4910		182			6308		185		
	4728		368			6123		368		
	14734	4.911 -		1162		18922	6.307 -		1152	
4	4500		187			6742		187		
	4313		183			6555		187		
	4130		370			6368		374		
	12943	4.314 -		1532		19665	6.555 -		1526	
5	4090		188			6230		185		
	3902		184			6045		185		
	3718		372			5860		370		
	11710	3.903 -		1904		18135	6.045 -		1896	
	20.642 -					30.813 -				

F.B. 1225 P.G. 110

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 F. E. Brooks Weather Cloudy Inst. No 25066
Notes by A.R. Workman Time 10:05-10:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-19A To BM 34-18
Date 22 Aug. 1960 H.E. ON
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
6	4990	20.642	184	1904		6170	30.813	183	1896	
	4806		185			5987		186		
	4621		369			5801		369		
	14417	4.806		2273		17958	5.986		2765	
7	4701		186			6340		188		
	4515		185			6152		184		
	4330		371			5968		372		
	13546	4.515		2644		18460	6.153		2637	
8	4541		186			6501		186		
	4355		185			6315		185		
	4170		371			6130		371		
	13066	4.355		3015		18946	6.315		3008	
9	4901		187			4281		185		
	4714		185			4096		186		
	4529		372			3910		371		
	14144	4.715		3387		12287	4.096		3379	
10	8399		129			1830		128		
	8270		128			1702		127		
	8142		257			1575		255		
	24811	8.270		3644		5107	1.702		3634	
		47.303					55.065			

F.B. 2917 P.G. 11

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Cloudy Inst. No. 15066
Notes by A.R. Workman Time 10:05 10:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-19A To BM 34-18
Date 22 Aug. 1960
Indexed H.F. OTT

Number of Station	BACKSIGHT Thread 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	5964	47.303	064	3644		2201	55.065	072	3634	BM 34-18
	5900		064			2129		068		Palos Verdes Dr. S. and Narcissa Dr. See F.B. 1355-22
	5836		128	7		2061		140		
	17700	5.900		3872		6391	2.130		3774	
										Summation of Run From BM 34-19A To BM 34-18
										Total Backsights = +53.203
										" Foresights = -57.195
										Diff. elev. = -3.992
										Backsight Stadia = 3.872
										Foresight " = 3.774
										Total " = 7.646
										= 5

F.B. 1327 P.G. 112

53.203 57.195

76P526 S & E #379 1-54

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Chief of Party F.E. Brooks Weather Cloudy Inst. No. 15066
Notes by F.E.B. Time 11:00 - 11:35 Rod No 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From B.M. 19-A To B.M. 20A
Date 22 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.637		.175			2.037		.155		BM 19-A
	7.462		.175			1.882		.157		Palos Verdes Dr. near Wayfarer's Chapel
1.	7.287		.350			1.725		.312		See F.B. 1355 - 50B.
	22.386	7.462 -		.350		5.644	1.881 -		.312	
	9.869		.179			0.793		.193		
	9.690		.180			0.600		.197		T Workman
2	9.510		.359			0.403		.390		
	29.069	9.690 -		.709		1.796	0.599 -		.702	
	10.600		.113			0.854		.112		
	10.487		.112			0.742		.116		
3	10.375		.225			0.626		.228		
	31.462	10.487 -		.934		2.222	0.741 -		.930	
	9.718		.112			0.420		.112		
	9.606		.111			0.308		.114		
4	9.495		.223			0.194		.226		
	28.819	9.606 -		1.157		0.922	0.307 -		1.156	
	9.293		.110			0.442		.112		
	9.183		.112			0.330		.110		
5	9.071		222			0.220		.222		
	27.547	9.182 +		1.379		0.992	0.331 -		1.378	
		46.427 ✓					3.859 ✓			

F.B. 2322 P.G. 113

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Cloudy Inst. No. 15066
Notes by F.E.B. Time 11:00 - 11:35 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-19A To BM 34-20A
Date 22 Aug 1960
Indexed H.E. ON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.966	46.427	.114	1.399		0.489	3.859	.110	1.378	
	9.852		110			0.379		.111		
6	9.742		.224			0.268		.221		
	29.560	9.853		1.603		1.136	0.379		1.599	
	9.240		.101			6.920		.107		BM 34-20A
	9.139		.100			6.813		.105		Palos Verdes Dr. S. at Five Stations
7	9.039		201			6.708		212		See F.B. 1355-46
	27.418	9.139		1.804		20.441	6.814		1.811	
										Summation of Run
										From BM 34-19A
										To BM 34-20A
										Total Backsights = + 65.419
										" Foresights = - 11.052
										diff. elev. = +54.367
										Backsight stadia = 1.804
										Foresight " = 1.811
										Total " = 3.615
										= 0.21 mi.

F.B. 1329 P.G. 114

65.419

11.052

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 F E Brooks Weather Cloudy Inst. No. 15066
Notes by F E B Time 11:35 - 12:10 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No 0301.02
From BM 34-20A To BM 34-19A
Date 22 Aug 1968
Indexed H. F. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.877		.107			9.190		.100		BM 34-20A
	6.770		.108			9.090		.096		Palos Verdes Dr. at Five Station
1	6.662		215			8.994		196		see F.B. 1355-46
	20.309	6.770		.915	74°	27.274	9.091		.196	
	0.821		.103			10.315		.120		
	0.718		.103			10.195		.121		
2	0.615		.206			10.074		.241		
	2.154	0.718		.421		30.584	10.195		.437	
	1.300		.117			10.142		.112		
	1.183		.115			10.030		.108		
3	1.068		.232			9.922		.220		
	3.551	1.184		.653		30.094	10.031		.657	
	1.429		.111			10.730		.112		
	1.318		.114			10.618		.115		
4	1.204		.225			10.503		.227		
	3.951	1.317		.878		31.851	10.617		.884	
	1.019		.117			10.755		.111		
	0.902		.114			10.644		.109		
5	0.788		.231			10.535		.220		
	2.709	0.903		.1109		31.934	10.645		.1104	
		0.892					50.579			

F.B. 1327 P.G. 115

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 F.E. Brooks Weather Cloudy Inst. No. 15066
Notes by F.E.B. Time 11:35 - 12:10 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-20A To BM 34-19A
Date 22 Aug 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread 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.	0.618	10.892	.185	1.109		9.720	50 579	.192	1.104	
	0.433		.184			9.528		.188		
	0.249		.369			9.340		.380		
	1.300	0.433 -		1.478		28.588	9.529 -		1.484	
7.	1.871		.161			7.451		.162		BM 34-19A Palos Verdes Dr. S. near Waysfarer's Chapel see F.B. 1355 - 50B.
	1.710		.161			7.289		.166		
	1.549		.322			7.123		.328		
	5.130	1.710 -		1.800		21.863	7.288 -		1.812	
										Summation of Run From BM 34-20A To BM 34-19A
										Total Backsights = + 13.035 Total Foresights = - 67.396 diff elev. = - 54.361
										Backsight Stadia = 1.800 Foresight " = 1.812 Total " = 3.612 = 0.21 mi

F.B. 2827 P.G. 116

13.035 67.396

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F E Brooks Weather Cloudy Inst. No. 15066
Notes by Robert F. Siemann Time 9:00 - Rod No. 31-32

Name L. A. Co. Precise Level Mt
Job No. 0301.02
From BM 30-20A To BM 34-20B.
Date 23 Aug. 1960
Indexed H. E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.852		045			4.474		042		BM 34-20A
	9.807		042			4.432		042		Palos Verdes D. S. and Co.
	9.760		092			4.390		084		Fire Station #53
1	29.419 9.806			.092	70°	13.296 4.432			.084	See F.B. 1355-46
										BM 34-20B.
										See above Location
										Summation of Run
										From BM 34-20A
										To BM 34-20B
										Total Backsights = + 9.806 -
										" Foresights = - 4.432
										diff. elev. = + 5.374
										Backsight Sum = .092 -
										Foresight " = .084 +
										Total " = .176 -
										= 01 mi

F.B. 1355 PG. 117

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 F E Brooks Weather warm - cloudy Inst. No. 15066
Notes by R F Siemann Time 7:05 Rod No. 31-32

Name L.A.C.O. Precise Level Net
Job No. 0301.02
From BM 34-20 B To BM 34-20A
Date 23 Aug. 1960
Indexed B E OM

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.527		044			9.904		046		BM 34-20 B.
	4.483		042			9.858		046		Palos Verdes Dr. and Co. Five
1	4.441		038			9.812		092		Station #53
	13.451	4.484	.086		70	29.574	9.858	.092		See F.B. 1355-46
										BM 34-20A
										see above location
										Summation of Run
										From BM 34-20B
										To BM 34-20A
										Total Backsights = + 4.484
										" Foresights = - 9.858
										diff elev = - 5.374
										Backsight stadia = .086
										Foresight " = .092
										Total " = .178
										= 0.01 mi

F.B. 1355 P.G. 118

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 F.E. Brooks Weather Warm - Cloudy Inst. No. 15066
Notes by R.F. Siemann Time 09:10 - 09:20 Rod No. 31-32

Name L.A.Co. Precise Level
Job No. 0201.02
From BM 34-20B To BM 34-21A
Date 23 Aug. 67 F.E. OTT
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
	7.211		101		T= 72°	1.082		100		B.M. 34-20B
	7.110		102			0.982		100		Palos Verdes Dr. S. and G. Fire
	7.008		203			0.882		200		Station. See F.B. 1355-46
1	21.329	7.110		203		2.946	0.982		200	
	8.802		111			2.981		110		T Le Gault
	8.691		111			2.871		108		
	8.580		222			2.763		218		Summation of Run
2	26.073	8.691		425		8.615	2.872		418	From BM 34-20B
	7.340		187			6.461		189		To BM 34-21A
	7.153		183			6.272		185		Total Backsights = + 31.888
	6.920		370			6.087		374		" Foresights = - 23.413
3	21.463	7.154		795		18.820	6.273		792	diff elev. = + 8.475
	2.638		186			8.091		184		Backsight Stadia = 1.285
	2.452		372			7.907		185		Fore sight " = 1.329
	2.270		558			7.722		369		Total " = 2.614
4	7.360	2.453		1163		23.720	7.907		1161	= .15 mi
	6.541		061			5.463		083		B.M. 34-21A
	6.490		061			5.380		085		Palos Verdes Dr. S. and
	6.419		124			5.295		168		Babkenting Rd
5	19.440	6.480		1.285		16.138	5.379		1.329	See F.B. 1355-47
	31.888					23.413				

F.B. 2227 P.G. 119

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 F.E. BROOKS Weather warm - Cloudy Inst. No. L 2066
Notes by R.F. Siemann Time 07:20 - 09:30 Rod No. J1-22

Name LA. Co. Precise Level Net
Job No. 02.01.02
From B.M. 34-21A To B.M. 34-20B
Date 22 Aug. 1960
Indexed R.E. OTT

Number of Station	BACKSIGHT Thread 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	5590 5511 5422 6.534	5.511	079 078 157	157	T=72°	6673 6.610 6.542 19.830	6.610	068 068 136	136	B.M. 34-21 A Palos Verdes Dr. S. and Babkyntine Rd See F.B. 1355-47
2	8.082 7.901 7.721 23.704	7.901	181 180 361 518	518		7.640 7.451 7.262 22.353	7.451	189 189 378 567	567	T LeGault Summation of Run From BM 34-21A
3	6.521 6.334 6.150 19.005	6.335	187 184 371 889	889		7.400 7.215 7.031 21.646	7.215	185 184 369 883	883	To BM 34-20B Total Backsights = +23.776 " Foresights = -32.250 diff elev. = -8.474
4	3.021 2.911 2.802 8.734	2.911	110 109 219 1105	1105		8543 8.732 8.622 26.197	8.733	111 110 221 1104	1104	Backsight Stadia = 1.308 Foresight " = 1.305 Total " = 2.613 = .15 mi
5 F.B. 2827 PG. 120	1.218 1.118 1.018 3.354	1.118	100 100 200 1308	1308		7.342 7.241 7.141 21.724	7.241	101 100 201 1305	1305	B.M. 34-20 B Palos Verdes Dr. S. and Co. Fire Station See F.B. 1355-46
	23.776					32.250				

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 F.E. BROOKS Weather HAZY SUN Inst. No. 15066
Notes by N. SMITH Time 9.40 9.55 Rod No. 31 & 32

Name L.A. Co. PRECISE LEVEL NET
Job No. 030102
From BM 34-21A To BM 34-21
Date 8-23-60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.324		.144			8.712		141		B.M. 34-21A
	4.180		145			8.571		142		PALOS VERDES DR. S. &
	4.035					8.429				Babkentine Rd
1	12.539	4.180	.289	289		25.712	8.571	283	283	SEE F.B. 1355-47
	6.021		144			4.861		150		π Siemann
	5.877		148			4.711		149		
	5.729					4.562				
2	17.627	5.876	292	581		14.134	4.711	299	582	
	4.880		.089			7.291		093		B.M. 34-21
	4.791		086			7.198		095		Palos Verdes Dr. S. and
	4.705					7.103				Packet Rd.
3	14.376	4.792	.175	756		21.592	7.197	188	770	See F.B. 1355-25
										Summation of Run From BM 34-21A To BM 34-21
						Backsight stadia =			.756	Total Backsights = + 14.848
						Foresight " =			.770	" Foresights = - 20.479
						Total " =			1.526	diff. elev. = - 5.631
						=			.09 mi.	
		14.848					20.479			

F.B. 2827 P.G. 121

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 F.E. BROOK Weather SUNNY 80° to 70° Inst. No. 15066
Notes by N. SMITH Time 10 - 10 Rod No. 31532

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-21 To BM 34-21A
Date 8-23-60
Indexed H.E. ON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.301		091			4.894		090		BM 34-21
	7.210		0.90			4.804		090		Palos Verdes Dr. S. and
	7.120					4.714				Packet Rd
	21.631	7.210	1.81	1.81		14.412	4.804	180	180	See F.B. 1355-25
	4.891		148			6.058		148		↑ SIEMANN
	4.743		145			5.910		147		
	4.598					5.763				
	14.232	4.744	293	474		17.731	5.910	295	475	
	8.842		141			4449		145		BM 34-21A
	8.701		143			4.304		143		Palos Verdes Dr. S. and
	8.558					4.161				Babkentine Rd
	26.101	8.700	284	758		12.914	4.305	288	763	See F.B. 1355-47
										summation of Run
										From BM 34-21
										To BM 34-21A
						Backsight stadia = .758				Total Backsights = + 20.654
						Foresight " = .763				" Foresights = - 15.019
						Total " = 1521				diff elev. = + 5.635
						= .09mi				

F.B. 4827 P.G. 122

20.654 15.019

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 F.E. Brooks Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 10:15 - 11:00 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-21 To BM 34-23
Date 23 Aug 1966
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.840		101			2.740		100		BM 34-21
	9.739		101			2.640		101		Palos Verdes Dr. S and Rocky Rd
	9.638					2.539				See F.B. 1355-25
1	29.217	9.739	202	202	74°	7.919	2.640	201	201	
	8.537		150			4.358		151		π Le Gault
	8.387		150			4.207		150		
	8.237					4.057				
2	25.161	8.387	300	502		12.622	4.207	301	502	
	5.614		084			1.372		087		
	5.530		086			1.285		087		
	5.444					1.198				
3	16.588	5.529	170	672		3.855	1.285	174	676	
	9.590		039			1.010		040		
	9.551		038			0.970		040		
	9.513					0.930				
4	28.654	9.551	077	749		2.910	0.970	080	756	
	7.215		185			8.226		184		
	7.030		184			8.042		181		
	6.846					7.861				
5	21.091	7.030	369	1118		24.129	8.043	365	1121	
		40.236					17.145			

F.B. 1355 P.G. 17

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 F. E. BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 10:15 - 11:00 Rod No. 31-32

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-21 To BM-34-23
Date 8-23-60
Indexed H. E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.361	40.236	189			8.167	17.145	185		
	1.175		186			7.982		189		
	0.989					7.793				
6	3528	1176	375	1493		23942	7.981	374	1495	
	1.642		184			8.579		186		
	1.458		183			8.393		183		
	1.275					8.210				
7	4375	1458	367	1860		25182	8394	369	1864	
	2022		151			8613		145		
	1.871		150			8.468		149		
	1.721					8.319				
8	5614	1871	301	2161		25460	8467	294	2158	
	1.451		151			8443		151		
	1.300		149			8.292		149		
	1.151					8.143				
9	3902	1301	300	2461		24878	8293	300	2458	
	2463		151			6388		147		
	2312		147			6.241		148		
	2165					6093				
10	6940	2313	298	2759		18722	6241	295	2753	
	48.355					56.521				

F.B. 2827 P.G. 124

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 F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by N. SMITH Time 10:15-11:00 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-21 To BM 34-23
Date 8-23-60
Indexed H.E. 017

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 2759	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 2753	DESCRIPTION AND REMARKS
	6055	48.355	150			3096	56.521	148		
	5905		148			2948		148		
	5757					2800				
11	17717	5906	298	3057		8844	2948	296	3049	
	6928		147			5119		150		
	6781		148			4969		148		
	6633					4821				
12	20342	6781	295	3352		14909	4970	298	3347	
	5118		054			1673		048		B.M 34-23 (U.S. 2888)
	5064		053			1625		050		Palos Verdes Dr. S. 45m W of
	5011					1575				Packet Rd.
13	15193	5064	107	3459		4873	1624	098	3445	See F.B. 1355-26
										Summation of Run
										From BM 34-21
										To BM 34-23
						Backsight stadia =			3459	Total Backsight = +66.106
						Foresight " =			3.445	" Foresights = -66.063
						Total " =			6.904	diff elev = +0.043
						" =			.39m.	
		66.106					66.063			

F.B. 2822 P.G. 23

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. BROOKS Weather Sunny Inst. No. 15066
Notes by N. SMITH Time 11 00 - 11:50 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-23 To 34-21
Date 8-23-60
Indexed M.E.OD

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1724		051			5167		055		B.M 34-23 (U.S. 2888)
	1673		047			5112		053		Palos Verdes Dr. S. 45 W of
	1626					5059				Packet Rd.
1	5023	1674	-098	098	74°	15338	5112	-108	108	See F.B. 1355-26
	5252		149			7067		149		
	5103		148			6918		150		T.L. Gault
	4955					6768				
2	15310	5103	-297	395		20753	6918	299	407	
	2961		149			5918		150		
	2812		149			5768		148		
	2663					5620				
3	8436	2812	-298	693		17306	5769	-298	705	
	6301		149			2374		147		
	6152		145			2227		149		
	6007					2078				
4	18460	6153	-294	987		6679	2226	-296	1001	
	8438		150			1443		151		
	8288		150			1292		149		
	8138					1143				
5	24864	8288	-300	1287		3878	1293	-300	1301	
	24.030					21.318				

F.B. 2227 P.G. 126

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F E BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 11:00-11:50 Rod No. 31-32

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301-02
From BM 34-23 To BM 34-21
Date 8-23-60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				1287					1301	
	8601	24.030	146			2008	21.318	150		
	8455		149			1858		150		
	8306					1708				
6	25362	8.454	295	1582		5575	1.858	300	1601	
	8708		185			1770		187		
	8523		185			1583		184		
	8338					1399				
7	25569	8.523	370	1952		4752	1.584	371	1972	
	8022		189			1218		187		
	7833		186			1031		188		
	7647					0843				
8	23502	7.834	375	2327		3092	1.031	375	2347	
	8283		187			7267		181		
	8096		185			7086		179		
	7911					6907				
9	24290	8.097	372	2699		21260	7.087	360	2707	
	0679		040			9258		039		
	0639		040			9219		039		
	0599					9180				
10	1917	0.639	080	2779		27657	9.219	078	2785	
		57.577					40.097			

F.B. 2827 PG. 127

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 11:00 - 11:50 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 34-23 To Bm 34-21
Date 8-23-60
Indexed BE OK

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 2779	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 2785	DESCRIPTION AND REMARKS
	1469	57.577	089			5709	42.039	085		
	1380		088			5624		085		
	1292					5539				
11	4141	1,380	177	2956		16872	5,624	170	2955	
	4467		153			8647		149		
	4314		151			8498		150		
	4163					8348				
12	12944	4,315	304	3260		25493	8.498	299	3254	
	2833		100			9937		105		B.M. 34-21
	2733		101			9832		104		Palos Verdes Dr. S. and Packet Rd. see F.B. 1355-25
	2632					9728				
13	8198	2,733	201	3461		29497	9832	209	3463	
										Summation of Run
										From BM 34-23
										To BM 34-21
						Backsight Stadia =			3.461	Total Backsights = +66.005
						Foresight " =			3.463	" Foresights = -66.051
						Total " =			6.924	diff. elev. = -0.046
								=	.39mi	
		66.005					66.051			

F.B. 2822 PG. 128

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 1:10 1:50 Rod No. 31-32

Name L.A.Co. Prec. 1st Lev. Net
Job No. 034.02
From BM 34-23 To BM 34-21A
Date 23 Aug 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread 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	1492		072			9269		076		BM 34-23 (U.S. 8808)
	1420		072			9193		073		Palos Verdes Dr. S. 45 m. W. of
	1348		144			9120		149		Packett Rd.
	4260	1420		144		27582	9194		149	See F.B. 1355-26
2	1128		115			8757		111		
	1013		112			8646		112		⊼ LeGault
	0901		227			8534		223		
	3042	1014		371		25937	8646		372	
3	2079		114			8953		113		
	1965		114			8840		112		
	1851		228			8728		225		
	5895	1965		599		26521	8840		597	
4	1647		115			8630		112		
	1532		112			8518		115		
	1420		227			8403		227		
	4599	1533		826		25551	8517		824	
5	1901		110			8739		109		
	1791		110			8630		109		
	1681		220			8521		218		
	5373	1791		1046		25890	8630		1042	
		1923					43827			

F.B. 1355 PG. 26

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather SUNNY Inst. No. 15066
Notes by A.R. WORKMAN Time 1:10 1:50 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-23 To BM 34-24
Date 23 Aug. 1960
Indexed H.E. Orr

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2269	7.723	111	1046		8601	43.887	109	1042	
6	2158		110			8492		108		
	2048		221			8384		217		
	6476	2.158		1267		25477	8.492		1259	
	0968		148			20018		149		
7	0820		148			6869		146		
	0672		296			6723		295		
	2460	0.820		1563		20610	6.870		1554	
	4293		189			5608		186		
8	4104		185			5422		184		
	3919		374			5238		370		
	12316	4.105		1937		16268	5.423		1924	
	2961		137			8983		132		
9	2824		133			8851		131		
	2691		270			8720		263		
	8476	2.825		2207		26554	8.851		2187	
	0.760		110			9.423		114		
10	0.650		109			9.309		116		
	0.541		219			9.193		230		
	1.951	0.650		2426		27.925	9.308		2417	
		18.281					82.771			

F.B. 1827 PG. 130

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F. E. Brookss Weather Sunny Inst. No. 15066
Notes by H. R. Workman Time 1:10 1:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-23 To BM 34-24A
Date 23 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	0611	18.281	110	2426		7691	82.771	112	2417	Summation of Run
	0501		110			7579		110		From BM 34-23
	0391		220			7469		222		To BM 34-24A
	1503	0.501		2646		22739	7.580		2639	Total Back sights = +28.912
12	2578		187			6963		185		" Foresights = -107.174
	2391		183			6778		185		diff elev = -78.262
	2208		370			6593		370		
	7.177	2.392		3016		20334	6.778		3009	Backsight Stadia = 3.540
13	4042		184			6098		185		Foresight " = 3.537
	3858		181			5913		181		Total " = 7.077
	3677		365			5732		366		= .40 mi
	11577	3.859		3381		17743	5.914		3375	
14	3959		080			4212		082		BM 34-24A
	3879		079			4130		080		Palos Verdes Dr. S. at Marineland
	3800		159			4050		162		of the Pacific
	11638	3.879		3540		12392	4.131		3537	See F.B. 1355-48
		28.912					107.174			

F.B. 1827 PG. 131

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather Cloudy Inst. No. 15066
Notes by A.R. Workman Time 9:00 - 9:50 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM34-24A To BM34-23
Date 24 Aug 1960
Indexed H.E. [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
	4327		080			4073		079		BM34-24A
	4247		081			3994		081		Palos Verdes Dr. and Maximo land
1	4166		161			5913		160		of the Pacific
	12740	4.247		161	70°	11980	3.993		160	see F.B. 1355-48
	6331		186			4274		183		
	6145		184			4091		186		
2	5961		370			3905		369		
	18437	6.146		531		12270	4.090		529	
	6789		188			2398		186		
	6601		187			2212		184		
3	6414		375			2028		370		
	19804	6.601		906		6638	2.213		899	
	2617		113			0537		112		
	7604		113			0425		112		
4	7391		226			0313		224		
	22512	7.504		1132		1275	0.425		1123	
	9.846		110			1.187		110		
	9.736		111			1.077		112		
5	9.625		221			0.965		222		
	29.207	9.736		1353		3.229	1.076		1345	
		34.234					11.797			

F.B. 2327 PG. 132

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 F.E. Brooks Weather Cloudy Inst. No. 15066
Notes by A.R. Workman Time 9:00 - 9:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.07
From BM 34-24A To BM 34-23
Date 24 Aug. 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9078	34.234	133	1353		3053	11.797	135	1345	
	8945		133			2918		136		
C	8812		266			2782		271		
	26835	8.945		1619		8753	2.918		1616	
	5727		186			4409		188		
	5541		183			4221		185		
7	5358		369			4036		373		
	16626	5.542		1988		12666	4.222		1989	
	7119		148			1072		151		
	6971		148			0921		149		
8	6823		296			0772		300		
	20913	6.971		2284		2765	0.922		2289	
	8578		110			2244		112		
	8468		109			2132		111		
9	8359		219			2021		223		
	25405	8.468		2503		6297	2.132		2512	
	8700		110			1860		110		
	8590		110			1750		110		
10	8480		220			1640		220		
	25770	8.590		2723		5250	1.750		2732	
		72.750					23.741			

F.B. 2510 P.G. 137

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 F. E. Brooks Weather Cloudy Inst. No. 15066
Notes by A. R. Workman Time 9:00 9:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-24A To BM 34-23
Date 24 Aug 1960
Indexed ch. E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8631	72.750	113	2723		1649	23.741	115	2732	Summation of Run
	8518		114			1534		114		From BM 34-24A
11	8404		227			1420		229		To BM 34-23
	25553	8.518 -		2950		4603	1.534 -		2961	Total Backsights = + 107.985
	8935		114			2060		114		" Foresights = - 29.711
	8821		113			1946		115		diff. elev. = + 78.274
12	8708		227			1831		229		
	26464	8.821 -		3177		5837	1.946 -		3190	Backsight Stadia = 3.553
	8705		112			1075		113		Foresight " = 3.558
	8593		111			0962		115		Total " = 7.111
13	8482		223			0847		228		= .40 mi.
	25780	8.593 -		3400		2884	0.961 -		3418	
	9380		077			1599		070		BM 34-23 (U.S. 2888)
	9303		076			1529		070		Palos Verdes Dr. S. .45 mi. W of
14	9227		153			1459		140		Packet Rd.
	27910	9.303 -		3553		4587	1.529 -		3558	See F.B. 1355-26

F.B. 2827 P.G. 134

107.985 29.711

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather Cloudy Inst. No. 15066
Notes by A.R. Workman Time 9:00 - 9:45 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.07
From BM 34-23 To BM 34-24A
Date 26 Aug. 1960
Indexed H.E.O.D.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1188	20.238	110	2434		8267	84.729	113	2428	Summation of Run
	1078		112			8154		110		From BM 34-23
11	0966		222			8044		223		To BM 34-24A
	3232	1.077		2656		24465	8.165		2651	409
	2482		184			6871		186		Total Back sights = + 31.445
	2298		187			6685		184		" Fore sights = - 109.702
12	2111		371			6501		370		diff. elev = -78.257
	6891	2.297		3027		20057	6.686		3021	Backsight Stadia = 3569
	4109		187			6162		184		Fore sight " = 3.556
	3922		184			5978		187		Total " = 7.125
13	3738		371			5791		371		=
	11769	3.923		3398		17931	5.977		3392	
	3985		081			4237		082		BM 34-24A
	3904		080			4155		082		Palos Verdes Dr. S. at Marine Land
14	3824		161			4073		164		of the Pacific
	11713	3.904		3559		12465	4.155		3556	See F.B. 1355-48.
		31.445					109.702			
		.439								

F.B. 1355 PG. 137

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

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

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

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

F.B. 1285 PG. 135

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. Brooks Weather cloudy Inst. No. 15066
Notes by R.F. Siemann Time 10:00-11:20 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-24A To BM 34-25A
Date 24 Aug 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.799		198			4.375		185		BM 34-24A
	3.801		196			4.190		186		Palos Verdes Dr. S. and
	3.605		394			4.004		371		Marine land of the Pacific
1	11.405	3.802		394	72°	12.569	4.190		371	See F.B. 1355-48
	7.610		149			1.165		146		
	7.461		151			1.019		149		T. Smith
	7.310		300			0.870		295		
2	22.381	7.460		694		3.054	1.018		666	
	9.050		110			1.283		110		
	8.940		111			1.173		110		
	8.829		221			1.063		220		
3	26.819	8.940		915		3.519	1.173		886	
	9.420		109			0.535		114		
	9.311		106			0.421		113		
	9.205		215			0.308		227		
4	27.936	9.312		1430		1.264	0.421		1113	
	9.609		108			0.923		110		
	9.501		107			0.812		110		
	9.394		215			0.702		220		
5	28.504	9.501		1345		2.437	0.812		1333	
		39.015					2.614			

F.B. 1355 PG. 139

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F. E. BROOKS Weather Sunny, Cloudy Inst. No. LVT 066
Notes by R. F. Siemann Time 10:00 - 11:20 Rod No. 31-32

Name L. A. Co. Precise Level Net
Job No. 0301.02
From BM 34-24A To BM 34-25A
Date 24 Aug 1960
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
	10.012	39.615	109	1345		1.090	9.614	112	1333	
	9.908		108			0.978		113		
	9.800		217			0.865		225		
6	29.720	9.908		1.562		2.933	0.978		1.558	
	7.041		180			9.672		185		
	6.861		180			9.487		182		
	6.681		360			9.300		392		
7	20.583	6.861		1.922		28.459	9.486	7	1.930	
	0.531		149			9.966		146		
	0.382		147			9.820		150		
	0.235		296			9.670		296		
8	1.148	0.383		2.218		29.456	9.819		2.946	
	0.618		147			8.887		147		
	0.471		143			8.740		150		
	0.328		290			8.590		297		
9	1.417	0.472		2.508		26.217	8.739		2.893	
	1.932		193			7.246		178		
	1.739		196			7.068		178		
	1.543		389			6.890		356		
10	5.214	1.738		2.897		21.204	7.068		2.879	
		58.377					43.704			

F.B. 6827 PG. 140

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party P.E. BROOKS Weather Sunny Inst. No. 15-066
Notes by R.F. Siemann Time 10:00 - 11:20 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301-07
From B.M. 34-24A To B.M. 34-25A
Date 24 Aug 1960
Indexed M.E.O.

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.324	68.317	189	2.898		6.995	43.704	182	2.899	
	3.135		190			6.813		183		
	2.945		379			6.630		365		
11	9.404	3.135		3.296		20.438	6.813		3.264	
	3.004		191			7.730		182		
	2.813		188			7.548		181		
	2.625		379			7.367		363		
12	8.442	2.814		3.655		22.645	7.548		3.647	
	1.545		110			9.498		110		
	1.435		110			9.388		110		
	1.325		220			9.278		220		
13	4.305	1.435		3.875		28.164	9.388		3.847	
	0.491		110			10.311		110		
	0.381		111			10.201		109		
	0.270		221			10.092		219		
14	1.142	0.381		4.096		30.604	10.201		4.094	
	1.284		111			8.140		112		
	1.173		108			8.028		113		
	1.065		219			7.915		225		
15	3.522	1.174		4.315		24.083	8.028		4.291	
		67.316					86.682			

F.B. 2817 PG. 141

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F. E. BROOKS Weather Sunny Inst. No. 15066
Notes by R. F. Siemann Time 10:00 - 11:20 Rod No. 21-22

Name L.A. Co. Precise Level Net
Job No. 03.01.02
From B.M. 34-24A To B.M. 34-25A
Date 24 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.843	67.316	118	4.315		8.431	85.682	117	4.291	Summation of Run
	0.725		119			8.314		117	7	From BM 34-24A
	0.606		237			8.197		234		To BM 34-25A
16	2.174	0.725		4.552		24.942	8.314		4.575 0	Total Backsights = +76.172
	3.315		049			7.216		063		" Foresights = -114.821
	3.266		048			7.153		062		diff. elev. = -38.649
	3.218		097			7.091		125		
17	9.799	3.266		4.649		21.460	7.153		4.650 3	Backsight stadia = 5.009
	2.730		060			6.536		051		Foresight " = 4.997
	2.670		061			6.485		051		Total " = ~~10.006~~ 9.986
	2.609		121			6.434		102	3	= .57 m;
18	8.009	2.670		4.770		19.455	6.485		4.792	
	2.314		119			7.310		123		B.M. 34-25A
	2.195		120			7.187		122		Palos Verdes Dr. W&S and Pt.
	2.075		239			7.065		245	9	Vicente Light House
19	6.584	2.195		5.009		21.562	7.187		4.997	See F.B. 1355 - 49
		76.172					114.821			

F.B. 1347 PG. 142

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. Brooks Weather Sunny Inst. No. 15066
Notes by R.F. Siemann Time 11:20 - 13:45 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-25A To BM 34-24A
Date 24 Aug 1966
Indexed H.E. Off

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.366		125			2.369		119		B.M. 34-25A.
	7.241		121			2.250		119		Palos Verdes Dr. W. & E. and Pt.
	7.120		246			2.131		238		Vicente Light House
1	21.727	7.242 ✓		.246 ✓		6.750	2.250 ✓		.238 ✓	See F.B. 1355-49
	6.665		055			2.852		055		
	6.610		057			2.797		057		T Smith
	6.553		112			2.740		112		
2	19.828	6.609 ✓		.358 ✓		8.389	2.796 ✓		.350 ✓	
	7.310		061			3.405		047		
	7.249		064			3.358		048		
	7.185		125			3.310		095		
3	21.744	7.248 ✓		.483 ✓		10.073	3.358 ✓		.445 ✓	
	8.233		110			0.660		125		
	8.123		113			0.535		125		
	8.010		223			0.410		250		
4	24.366	8.122 ✓		.706 ✓		1.605	0.535 ✓		.795	
	8.423		125			1.540		099		
	8.298		123			1.441		098		
	8.175		248			1.343		197		
5	24.896	8.299 ✓		.954 ✓		4.324	1.441 ✓		.992	
	37.520 ✓					10.380				

F.B. 2977 P.G. 145

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 E.E. Brooks Weather Sunny Inst. No. 15066
Notes by R.F. Siemann Time 11:20-12:45 Rod No. 21-32

Name L.A.Co. Precise Level Net
Job No. 0201-02
From BM 24-25 A To B.M. 24-24A
Date 2-4-60 H.E. OT
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
	10.290	37.520	113	954		0.464	10.380	106	892	
	10.177		116			0.358		108		
	10.061		229			0.250		214	1	
6	30.528	10.176		1.183		1.072	0.357		1.206	
	9.400		110			1.444		111		
	9.290		109			1.333		109		
	9.181		219			1.224		220	3	
7	27.871	9.290		1.402		4.001	1.334		1.426	
	7.867		186			3.138		186		1 hr. for lunch
	7.681		186			2.952		185		
	7.495		372			2.767		371	6	
8	23.043	7.681		1.774		8.857	2.952		1.797	
	6.982		186			3.303		188		
	6.796		187			3.115		185		
	6.609		373			2.930		373	0	
9	20.387	6.796		2.147		9.348	3.116		2.170	
	7.490		185			2.165		185		
	7.305		185			1.980		185		
	7.120		370			1.795		370	4	
10	21.915	7.305		2.517		5.940	1.980		2.540	
		78.768					20.119			

F.B. 2827 PG. 144

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F. E. BROOKS Weather Sunny Inst. No. 15066
Notes by R. F. Siemann Time 11:20 - 12:45 Rod No. 31 - 32

Name L.A.Co. Precise Level Net
Job No. 0301.01
From B.M. 24-25A To B.M. 24-24A
Date 24 Aug 1960
Indexed B. E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.942	78.768	145	2.517		0.675	20.119	146	2.540	
	8.797		147			0.529		148		
	8.650		292			0.381		294		
11	26.389	8.796		2.809		1.585	0.528		2.834	
	10.070		150			0.632		144		
	9.920		150			0.488		148		
	9.770		300			0.340		292	0	
12	29.760	9.920		3.109		1.460	0.487		3.126	
	9.568		178			6.943		181		
	9.390		181			6.762		182		
	9.209		359			6.580		363	3	
13	28.167	9.389		3.468		20.285	6.762		3.489	
	1.100		111			10.030		110		
	0.989		113			9.920		110		
	0.876		224			9.810		220	6	
14	2.965	0.988		3.692		29.760	9.920		3.709	
	1.630		108			10.320		117		
	1.522		104			10.207		112		
	1.418		212			10.095		225	8	
15	4.570	1.523		3.904		30.622	10.207		3.934	
		109.384					48.023			

F.B. 1965 pg. 113

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. BROOKS Weather sunny Inst. No. 15066
Notes by R.F. Siemann Time 11:20 - 13:45 Rod No. 31-32

Name L.A.Co Precise Level Net
Job No. 0301.02
From B.M. 24-25A To B.M. 34-24A
Date 24 Aug 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.640	109.784	100	3.904		9.538	48.023	112	3.834	Summation of Run
	0.530		110			9.426		111		From BM 34-25A
16	0.420		220			9.315		223	0	To BM 34-24A
	1.590	0.530		4.124		28.279	9.426		4.157	Total Backsights = + 116.740
	1.260		111			9.021		111		" Foresights = - 78.094
	1.149		111			8.910		111		diff. elev. + 38.646
17	1.038		222			8.799		222	2	
	3.447	1.149		4.346		26.730	8.910		4.279	Backsight Stadia = 5.010
	1.239		148			7.690		150		Foresight " = ~~5.049~~ 4.999
	1.091		147			7.540		150		Total " = ~~10.059~~ 9.959
18	0.944		295			7.390		300	5	= .57 m.
	3.274	1.091		4.641		22.620	7.540		4.279	
	4.771		185			4.380		185		BM 34-24 A
	4.586		184			4.195		185		Palos Verdes Dr. S. and Mariveles
19	4.402		369			4.010		370	49	of the Pacific
	13.759	4.586		5.010		12.585	4.195		~~5.049~~	See F.B. 1355 - 48
		116.740					78.094			

F.B. 1322 PG. 146

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 11:25-11:30 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-25A To BM 34-26
Date 24 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.366		.125			2.369		.119		BM 34-25 A
	7.241		.121			2.250		.119		Palos Verdes Dr. W & S. and Pt. Vicente
1	7.120		.246			2.131		.238		Light House see FB. 1355-49
	21.727	7.242	/	.246	74°	6.750	2.250	/	.238	T Smith
	6.665		.055			1.649		.067		BM 34-26 (U.S. 4138)
	6.610		.057			1.582		.067		Palos Verdes Dr. W & S. and Pt.
2.	6.553		.112			1.515		.134		Vicente Light House
	19.828	6.609	/	.358		4.746	1.582	/	.372	see F.B. 1365-28
										Summation of Run
										From BM 34-25A
										To BM 34-26
										Total Backsights = + 13.851
										" Foresights = - 3.832
										diff. elev = + 10.019
										Backsight Stadia = .358
										Foresight " = .372
										Total " = .730
										= .04 mi
	13.851					3.832				

F.B. 2027 P.G. 147

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 09:50 - 09:55 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-26 To BM 34-25A
Date 26 Aug 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.825		.070			6.839		056		BM 34-26
	1.755		.069			6.783		054		Palos Verdes Dr. W & S and Pt.
1	1.686		.139			6.729		.110		Vicente Light House
	5.266	1.755 ✓		139	70°	20.351	6.784 ✓		110 ✓	See F.B. 1353-28
	2.349		.116			7.353		.124		↑ Workman
	2.233		.113			7.229		.127		BM 34-25A
2	2.120		.229			7.102		.251		Palos Verdes Dr. W and S and
	6.702	2.234 ✓		.368 ✓		21.684	7.228 ✓		.361	Pt. Vicente
										Summation of Run
										From BM 34-26
										To BM 34-25A
										Total Backsights = + 3.989
										" Foresights = - 14.~~012~~
										diff. elev. = -10.~~015~~ .023
										Backsight Stadia = .368 ✓
										Foresight " = .361 ✓
										Total " = .729 ✓
										= 0.04 mi.
		3.989 ✓					~~14.012~~ .012			

F.B. 2822 P.G. 148

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. Brooks Weather Sunny Inst. No. 15066
Notes by FEB. Time 10:50 - 10:55 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-25A To BM 34-26
Date 26 Aug 1966
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.382		.122			2.386		.118		BM 34-25A
	7.260		.125			2.268		.122		Palos Verdes Dr. W. & S. and Pt.
1	7.135		247			2.146		240		Vicente Light House
	21.777	7.259 ✓		247 ✓	70°	6.800	2.267 ✓		240 ✓	See F.B. 1355 - 49
	7.125		.061			2.103		.065		T Workman
	7.064		.059			2.038		.066		BM 34-26 (U.S. 4138)
2	7.005		.120			1.972		.131		Palos Verdes Dr. W and S and Pt
	21.194	7.065 ✓		.367 ✓		6.113	2.038 ✓		.371	Vicente Light House - See F.B. 1355-49
										Summation of Run
										From BM 34-25A
										To BM 34-26
										Total Backsights = +14.324 ✓
										" Foresights = - 4.305 ✓
										dif of elev = + 10.019 ✓
										Backsight Stadia = .367 ✓
										Foresight " = .371 ✓
										Total " " = .738
										= 0.07mi.
	14.324 ✓					4.305 ✓				

F.B. 1327 P.G. 149

76P526-CE 379—10-57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

Name.....

Job No.....

From..... To.....

Date.....

Indexed.....

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

F.B. 2227 P.G. 150

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. F. Siemann Time 10.00-10.30 Rod No. 71-22

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-26 To U.S. 2869
Date 24 Aug. 1960
Indexed B. E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.915		070			3.118		058		BM 34-26
	1.845		070			3.060		055		Palos Verdes Dr. W&S and Pt.
	1.775		140			3.005		113		Vicente Light House
1.	5.535	1.845		140		9.183	3.061		113	See F.B. 1355-28
	7.492		063			3.588		048		T Workman
	7.429		064			3.540		050		
	7.365		127			3.490		098		
2.	22.286	7.429		267		10.618	3.539		211	
	8.269		113			0.688		126		
	8.156		113			0.562		123		
	8.043		226			0.439		249		
3.	24.468	8.156		493		1.689	0.563		460	
	7.902		104			1.062		117		
	7.798		108			0.945		115		
	7.690		212			0.830		232		
4.	23.390	7.797		705		2.837	0.946		692	
	10.124		109			2.650		112		
	10.015		110			2.538		111		
	9.905		219			2.427		223		
5	30.044	10.015		924		7.615	2.538		915	
	35.242					10.647				

F.B. 2917 P.G. 165

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. Brooks Weather Sunny Inst. No. 15066
Notes by R.F. Siemann Time 10:00 - 10:20 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 34-26 To B.M. U.S. 2889
Date 24 Aug 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.685	35.242	.045	.924		2.783	10.647	.041	.915	B.M. U.S. 2889 (U.S. Weather Sta B)
	6.643		.045			2.742		.042		Palos Verdes Dr. W. and Pt. Vicente
	6.598		.090			2.700		.083		Light House
6	19.926	6.643		1.014		8.225	2.742		.998	Ste F.B. 1355-28
										Summation of Run
										From BM 34-26
										To BM U.S. 2889
										Total Backsights = + 41.885
										" Foresights = - 13.389
										diff. elev. = +28.496
										Backsight Stadia = 1.014
										Foresight " = .998
										Total " = 2.012
										= .11 mi.
		41.885					13.389			

F.B. 2827 P.G. 152

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.F. Siemann Time 10:30 - 10:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 03101.02
From B.M. U.S. 2889 To B.M. 24-26
Date 26 Aug. 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.750		042			6.655		045		B.M. U.S. 2889 (U.S. Weather Sta. B)
	2.708		042			6.610		045		Palos Verdes Dr. W and Pt.
	2.666		084			6.565		090		Vicente Light House
1	8.124	2.708 ✓		.084 ✓		19.830	6.610 ✓		.090 ✓	See F.B. 1355-29
	2.688		112			10.160		110		
	2.576		112			10.050		108		
	2.464		224			9.942		218		
2	7.728	2.576 ✓		.308 ✓		30.152	10.051 ✓		.308 ✓	
	1.172		111			8.024		111		
	1.061		111			7.913		110		
	0.950		222			7.803		221		
3	3.183	1.061 ✓		.530 ✓		23.740	7.913 ✓		.529 ✓	
	0.801		120			8.392		120		
	0.681		119			8.272		117		
	0.562		239			8.155		237		
4	2.044	0.681 ✓		.769 ✓		24.819	8.273 ✓		.766 ✓	
	3.712		049			7.616		064		
	3.663		048			7.552		063		
	3.615		097			7.489		127		
5	10.990	3.663 ✓		.866 ✓		22.657	7.552 ✓		.893 ✓	
	10.689					40.399				

F.B. 2877 P.G. 153

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.F. Siemann Time 10:30 - 10:50 Rod No. 31-32

Name A Co. Precise Level Net
Job No. 07.01.02
From B.M. U.S. 2889 To B.M. 34-26
Date 26 Aug 1960
Indexed M.E. Orr

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.886	10.689	056	866		1.683	40.399	068	893	B.M. 34-26 (U.S. 4138)
	2.830		056			1.615		066		Palos Verdes Dr. W and S and
	2.774		112			1.549		134		Pt. Vicente Light House
6	8.490	2.830 ✓		978 ✓		4.847	1.616 ✓		1.027 ✓	see F.B. 1355-28
										Summation of Run
										From BM U.S. 2889
										To BM 34-26
										Total Backsights = + 13.519
										" Foresights = - 42.015 ✓
										diff. elev = -28.496 ✓
										Backsight stad.a = .978 ✓
										Foresight " = 1.027 ✓
										Total " = 2.005 ✓
										= .11 m.
		13.519					42.015 ✓			

F.B. 2021 P.G. 154

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. BROOKS
Notes by N. SMITH
Weather SUNNY
Time 11-10 12:00
Inst. No. 15066
Rod No. 31-32
Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM U.S. 2889 To BM 34-27A
Date 8-26-60
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2739		042			6642		045		B.M. US 2889 (U.S. Weather Sta B)
	2697		045			6597		045		Palos Verdes Dr. W. and Pt.
	2652				70°	6552				Vicente Light House
1	8088	2696	087	087		19791	6597	090	090	see F.B. 1355-28
	2800		110			0458		113		π LeGault
	2690		110			0345		112		
	2580					0233				
2	8070	2690	220	307		1036	0345	225	315	
	9538		109			1585		112		
	9429		109			1473		110		
	9320					1363				
3	28287	9429	218	525		4421	1474	222	537	
	9645		080			4468		075		
	9565		080			4393		071		
	9485					4320				
4	28695	9565	160	685		13181	4394	148	685	
	7789		189			2999		187		
	7600		185			2812		185		
	7415					2627				
5	22804	7,601	374	1059		8438	2813	372	1057	
		31.986					15.623			

F.B. 1227 PG. 155

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F E BROOKS Weather SUNNY Inst. No. 15066
Notes by N SMITH Time 11:10 - 12:00 Rod No. 31-32

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. US 2889 To B.M. 34-270
Date 8-26-60
Indexed H. E. OTT

F.B. 2927 PG. 166

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1059	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1057	DESCRIPTION AND REMARKS
	8026	31.986	183			1.137	15.620	187		
	7843		187			0.950		189		
	7656					0.761				
C	23525	7.842	/370	1429		2.848	0.949	/376	1433	
	9270		132			1018		136		
	9138		134			0882		134		
	9004					0748				
7	27412	9137	/266	1695		2648	0883	/270	1703	
	8562		121			0990		119		
	8441		120			0871		119		
	8321					0752				
8	25324	8441	/241	1936		7613	0871	/238	1941	
	8226		119			0.600		120		
	8107		120			0.480		118		
	7.987					0.362				
9	24.320	8.107	/239	2175		1.442	0.481	/238	2179	
	8.678		150			1.799		148		
	8528		150			1.651		147		
	8378					1.504				
10	25.584	8.528	/300	2475		4.954	1.651	/295	2474	
	74.035					20.458				

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 11:10 - 12:00 Rod No. 31-32

Name L.A.C. PRECISE LEVEL NET
Job No. 0301-02
From B.M. US 2889 To B.M. 34-27A
Date 8-26-60
Indexed H.E.O.M.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 2475	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 2474	DESCRIPTION AND REMARKS
	7272	74.039	145			2408	20.458	150		
	7127		149			2258		150		
	6978					2108				
11	21377	7126	1294	2769		6774	2258	300	2774	
	7564		147			0628		149		
	7417		148			0479		150		
	7269					0329				
12	22250	7417	295	3064		1436	0479	299	3073	
	8400		110			1048		113		
	8290		110			0935		110		
	8180					0825				
13	24870	8290	220	3284		2808	0936	223	3296	
	8219		111			1038		112		
	8108		109			0926		112		
	9999					0814				
14	24326	8109	220	3504		2778	0926	224	3520	
	8986		187			1422		192		
	8799		187			1230		190		
	8612					1040				
15	26397	8799	374	3878		3692	1231	382	3902	
		113.876					26.888			
		4								

F.B. 2822 PG. 152

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 11:10 - 12:00 Rod No. 31-32

Name L.A. Co PRECISE LEVEL NET
Job No. 0301.02
From BM U.S. 2889 To BM 34-27A
Date 8-26-60
Indexed H. E. OH

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals 3878	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals 3992	DESCRIPTION AND REMARKS
	8123	113.778 7	162			4012	26.288	154		B.M 34-27A (U.S.C.&G.S. 1053)
	7961		162			3858		153		Palos Verdes Dr. W and Hawthorne
	7799					3703			11	Blvd. See F.B. 1355-50
16	23883	7961	1324	4702		11573	3858	307	4709	
										Summation of Run
										From BM U.S. 2889
										To BM 34-27A
										9
										Total Backsights = + 121.737
										" Foresights = - 30.146
										d. H. elev = +91.591/2
										Backsight Stadia = 4.202
										Foresight " = 4.249
										Total " = 8.4413
										= .48
		8								
		121.737					30.146			

4
F.B. 2827 PG. 158

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 1:05 - 2:00 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0201.02
From BM 37-27A To BM US 2987
Date 8-26-60
Indexed M. E. QTT

Number of Station	BACKSIGHT Thread 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		159			7988		156		B.M. 37-27A (U.S.C.&G.S. S1053)
	3731		162			7832		154		Palos Verdes Dr. W. and
	3569					7678				Hawthorne Blvd.
1	11190	3,730	/321	321		23498	7,833	/310	310	See F.B. 13855-50
	1430		193			8992		184		T LeGault
	1237		193			8808		188		
	1044					8620				
2	3711	1,237	/386	707		26420	8,807	/372	682	
	1039		112			8218		110		
	0927		111			8108		110		
	0816					7998				
3	2782	0927	/223	930		24324	8,108	/220	902	
	1420		108			8783		115		
	1312		105			8668		117		
	1207					8551				
4	3939	1,313	/113	1143		26002	8667	/132	1134	
	0544		148			7483		148		
	0396		147			7335		148		
	0249					7187				
5	11189	0.396	/295	1438		22005	7.335	/296	1430	
	7,603					40.750				

F.B. 8827 P.G. 159

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 1105 - 2100 Rod No. 31-32

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 37-274 To B.M. U.S. 2889
Date 8-26-60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2442	2.603	150	1438		7310	40.750	148	1430	
	2292		148			7162		149		
	2144					7013				
6	6878	2292	298	1736		21485	7.162	297	1727	
	1841		149			8717		149		
	1692		148			8568		151		
	1544					8417				
7	5077	1.692	297	2033		25702	8.567	300	2027	
	0772		121			8399		119		
	0651		119			8280		119		
	0532					8161				
8	1955	0.652	240	2273		24840	8.280	238	2265	
	0920		119			8490		120		
	0801		118			8370		120		
	0683					8250				
9	2404	0.801	237	2510		25110	8.370	240	2505	
	1055		135			9309		134		
	0920		131			9175		134		
	0789					9041				
10	2764	0.921	266	2776		27525	9.175	268	2773	
		13.961					82.304			

F.B. 2827 PG. 160

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 1:05 - 2:00 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 37-27A To BM US 2899
Date 8-26-60
Indexed H. E. ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1065	13.961	187			7955	82.304	185		
	0878		188			7770		188		
	0690					7582				
11	2633	0878	375	3151		23307	7769	373	3146	
	2868		186			7657		187		
	2682		184			7470		185		
	2498					7285				
12	8048	2683	370	3521		22412	7471	372	3518	
	4531		071			9709		077		
	4460		070			9632		074		
	4390					9558				
13	13381	4460	141	3562		28899	9633	151	3569	
	1667		111			9620		110		
	1556		109			9510		110		
	1447					9400				
14	4670	1557	220	3882		28530	9510	220	3889	
	0427		114			2769		110		
	0313		111			2659		111		
	0202					2548				
15	0942	0314	225	4107		7976	2659	221	4110	
			23.853					119.346		

F.B. 2827 P.G. 161

3

76P526-CE 379—10-57

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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 F. E. BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 1:05 - 2:00 Rod No. 31-32

Name L A Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-27A To BM U.S. 2889
Date 8-26-60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6692	23.853	044	4107		2789	119.346	042	4110	B.M. U.S. 2889 (U.S. Weather Bu B)
	6648		046			2747		045		Palos Verdes Dr. W. and Pt.
16.	6602					2702				Vicente Light House
	19942	6647	090	4197		8238	2,746	087	4197	see F.B. 1355-26
										Summation of Run
										From BM 34-27A
										To BM U.S. 2889
										Total Backsights = + 30.500
										" Foresights = - 122.092
										diff. elev. = - 91.592
										Backsight stadia = 4197
										Foresight " = 4197
										Total " = 8394
										= 1.6 mi.
		30.500					122.092			

F.B. 2827 P.G. 162

76P526-CE 379—10-57

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by A.R. WORKMAN Time 2:00 2:50 Rod No. 31-37

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-27A To BM 34-28
Date 26 Aug. 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	6111		187			4428		190		BM 34-27A (U.S.C.&G.S. S 1053)
	5924		185			4238		188		Palos Verdes Dr. W. and
	5739		372			4050		378		Hawthorne Blvd.
	17774	5924		372	74°	12716	4238		378	See F.B. 1355-50
2	7299		188			3268		186		T SIEMANN
	7111		186			3082		187		
	6925		374			2895		373		
	21335	7111		746		9245	3081		751	
3	8052		185			3202		185		
	7867		186			3017		189		
	7681		371			2828		374		
	23600	7866		1117		9047	3016		1125	
4	7561		190			4341		189		
	7371		186			4152		186		
	7185		376			3966		375		
	22117	7372		1493		12459	4153		1500	
5	5642		188			6153		186		
	5454		185			5967		185		
	5269		373			5782		371		
	16365	5455		1866		17902	5967		1871	
	39.728					20.455				

F.B. 2824 P.G. 162

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 2:00 2:50 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.07
From BM 34-27A To BM 34-28
Date 26 Aug. 1960
Indexed H.E. Ott

F.B. 2827 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
6	4858	33.928	187	1866		6298	20.455V	188	1871	
	4671		184			6110		186		
	4487		371			5924		374		
	14016 4672			2237		18332 6110			2245	
7	4946		186			6201		187		
	4760		188			6014		185		
	4572		374			5829		372		
	14278 4759			2611		18044 6015			2617	
8	5055		186			6262		187		
	4869		185			6075		186		
	4684		371			5889		373		
	14608 4869			2982		18226 6075			2990	
9	5159		186			6267		187		
	4973		185			6080		185		
	4788		371			5895		372		
	14920 4973			3353		18242 6080			3362	
10	5175		185			6048		188		
	4990		184			5860		189		
	4806		369			5671		377		
	14971 4990			3722		17579 5859			3739	
	51.991					50.594				

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 2100 2150 Rod No. 31-31

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-27A To BM 34-28
Date 26 Aug. 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread 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	2985	59.991	191	3722		7339	50.594	185	3739	
	2794		189			7154		184		
	2605		380			6970		369		
	8384	2794		4102		21463	7154		4108	
12	2995		146			7101		148		
	2849		147			6953		151		
	2702		293			6802		299		
	8546	2848		4395		20856	6952		4407	
13	6115		025			5875		025		BM 34-28
	6090		025			5850		025		Palos Verdes Dr. W 1 mi. N. of
	6065		050			5825		050		Pt. Vicente Light House
	18270	6090		4445		17550	5850		4457	See F.B. 1355-31
										Summation of Run
										From BM 34-27A
										To BM 34-28
						Backsight Stadia = 4.445				Total Backsights = + 69.723
						Foresight " = 4.457				" Foresights = - 70.550
						Total " = 8.902				diff elev = - 0.827
						= .60 mi.				

F.B. 1355 P.G. 65

69.723

70.550

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. BROOKS Weather CLOUDY Inst. No. 15066
Notes by N. SMITH Time 9.20 - 10.00 Rod No. 31632

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 31-28 To BM 31-27A
Date 8-29-60
Indexed H. E. OTT

F.B. 2827 PG. 166

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5695		024			5933		025		BM 31-28
	5671		024			5908		026		
	5647					5882				
1	17013	5.671	/048	.048	/70°	17723	5.908	/051	.051	
	7481		150			3380		150		
	7331		149			3230		149		
	7182					3081				
2	21994	7.331	/299	347		9691	3230	/299	350	
	7417		187			3051		184		
	7230		186			2867		187		
	7044					2680				
3	21691	7230	/373	720		8598	2866	/371	721	
	6179		187			5311		183		
	5992		184			5128		186		
	5808					4942				
4	17979	5993	/371	1091		15381	5127	/369	1090	
	6282		181			5178		189		
	6101		182			4989		189		
	5919					4800				
5	18302	6101	/363	1454		14967	4989	/378	1468	
		32.326					22.120			

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather CLOUDY Inst. No 15066
Notes by N. SMITH Time 9:00 - 10:00 Rod No 31 - 32

Name L.A. Co. PRECISE LEVEL NET
Job No 0301.02
From BM 34-28 To B.M. 34-27A
Date 8-29-60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6189	32.326	187			4988	22.120	188		
	6002		183			4800		185		
	5819					4615				
6	18010	6003	370	1824		14403	4801	373	1841	
	6222		184			4965		185		
	6038		188			4780		189		
	5850					4591				
7	18110	6037	372	2196		14336	4779	374	2215	
	6050		187			4610		184		
	5863		184			4426		186		
	5679					4240				
8	17592	5864	371	2567		13276	4425	370	2585	
	6235		185			5722		185		
	6050		188			5537		187		
	5862					5350				
9	18147	6049	373	2940		16609	5536	372	2957	
	4345		186			7569		187		
	4159		189			7382		183		
	3970					7199				
10	12474	4158	375	3315		22150	7383	370	3327	
		60.437					49.044			

F.B. 29277 P.G. 4-7

76P526-CE 379—10-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather CLOUDY Inst. No. 15066
Notes by N. SMITH Time 9:00 - 11:00 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-28 To BM 34-27A
Date 8-29-60
Indexed H.E. OTT

F.B. 2227 P.G. 168

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3293	60.438	185			8140	49.044	188		
	3108		187			7952		184		
	2921					7768				
11	9322	3107	372	3687		23860	7953	372	3699	
	3355		185			7390		185		
	3170		185			7205		185		
	2985					7020				
12	9510	3170	370	4057		24615	7205	370	4069	
	4700		189			6382		186		BM 34-27A (U.S.C.&G.S. 51453)
	4511		187			6196		187		Palos Verdes Dr. W. and Hawthorne Blvd.
	4324					6009				See F.B. 1355-50
13	13535	4512	376	4433		18587	6196	373	4442	
										Summation of Run From BM 34-28 To BM 34-27A
						Backsight stadia = 4433				Total Backsights = + 71.226
						Foresight " = 4442				" Foresights = - 70.398
						Total " = 8875				d. ht elev. = + 0.828
						= 150				
	71.226					70.398				

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather overcast Inst. No. 15066
Notes by R.F. Simann Time 10:15 - 11:00 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-28 To BM 34-29
Date 29 Aug 1960
Indexed H.E.O.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.629		148			6.405		150		BM 34-28
	2.481		148			6.255		147		Palos Verdes Ph. W. 1 mi. N.
	2.333		296			6.108		297		of Pt. Vicente Lt. by Horn
1	7.443	2.481 ✓		296	72°	18.768	6.256 ✓		297 ✓	see F.B. 1355-31
	5.144		185			4.055		186		
	4.959		188			3.869		187		* Harrington
	4.771		373			3.682		373		
2	14.874	4.958 ✓		669 ✓		11.606	3.869 ✓		670 ✓	
	6.444		185			2.732		188		
	6.259		188			2.544		184		
	6.071		373			2.360		372		
3	18.774	6.258 ✓		1.042 ✓		7.636	2.545 ✓		1042 ✓	
	8.542		150			0.988		150		
	8.392		148			0.838		149		
	8.244		298			0.689		299		
4	25.178	8.393 ✓		1.340 ✓		2.515	0.838 ✓		1.341 ✓	
	9.756		149			2.480		151		
	9.607		149			2.329		148		
	9.458		298			2.181		299		
5	28.821	9.607 ✓		1.638 ✓		6.990	2.330 ✓		1.640 ✓	
	31.697 ✓					15.836				

F.B. 2527 P.G. 169

76P526-CE 379—10-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Overcast Inst. No. 15066
Notes by R.F. Siemand Time 10:15 - 11:00 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From B.M. 34-28 To B.M. 34-29
Date 29 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.661	31.697	187	1.638		6.560	15.838	189	1.640	
	5.474		185			6.371		188		
	5.289		372			6.183		377		
6	16.424	5.475		2.010		19.114	6.371		2.017	
	4.489		188			5.503		185		
	4.301		192			5.318		189		
	4.109		380			5.129		374		
7	12.899	4.300		2.390		15.950	5.317		2.391	
	6.310		188			4.147		185		
	6.122		184			3.962		181		
	5.938		372			3.781		366		
8	18.370	6.123		2.762		11.890	3.963		2.757	
	6.251		182			4.982		191		
	6.069		181			4.791		189		
	5.888		363			4.602		380		
9	18.208	6.069		3.125		14.375	4.792		3.137	
	5.167		186			5.378		189		
	4.981		188			5.189		188		
	4.793		374			5.001		377		
10	14.941	4.980		3.499		15.568	5.189		3.514	
	58.644					41.470				

F.B. 2822 PG. 170

76P526-CE 379—10-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. BROOKS Weather over cast Inst. No 15066
Notes by R. F. Siemann Time 10:15 – 11:00 Rod No 31 - 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M 34-28 To B.M 34-29
Date 29 Aug. 1962
Indexed B. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.123	58.644	185	3.499		5.286	41.470	185	3.514	
	4.938		187			5.101		182		
	4.751		372			4.919		367		
11.	14812	4.937		3.871		15306	5.102		3.881	
	7.649		187			2.121		186		
	7.462		184			1.935		187		
	7.278		371			1.748		373		
12	23897	7.463		4.242		5.804	1.935		4.254	
	8.721		126			5.522		122		B.M. 34-29 (U.S. 2896)
	8.595		126			5.400		124		Palos Verdes Dr. W at 5th Cly
	8.469		252			5.276		246		Limits City Palos Verdes
13.	25785	8.595		4.494		16198	5.399		4.500	Surv F.B. 1355-32
										Summation of Run From BM 34-28 To BM 34-29
						Backsight stadia = 4.494				Total Backsights = +79.639
						Foresight " = 4.500				" Foresights = -53.906
						Total " = 8.994				diff. elev. = +25.733
						= .51				
	79.639					53.906				

F.B. 1355-32 P.G. 111

76P526-CE 379---10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. BROOKS Weather Overcast Inst. No. 15066
Notes by R. F. Siemann Time 11:00 - 11:45 Rod No. 71-32

Name L. A. Co. Precise Level Net
Job No. 0301.02
From B.M. 34-29 To B.M. 34-28
Date 29 Aug. 1960
Indexed H. E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.508		124			8.703		125		B.M. 34-29 (U.S. 2896)
	5.384		123			8.578		127		Palos Verdes Dr. W at S'ly
	5.261		247			8.451		252		City Limits City of Palos
1.	6.153	5.384		.247		25732	8.577		.252	Verdes See F.B. 1355-32
	2.155		187			7.685		184		
	1.968		187			7.501		187		T Harrington
	1.781		374			7.314		371		
2.	59041	1.968		.621		22500	7.500		.623	
	5.262		185			5.092		183		
	5.077		187			4.909		187		
	4.890		372			4.722		370		
3.	15229	5.076		.993		14723	4.908		.993	
	5.384		189			5.181		188		
	5.195		189			4.993		184		
	5.006		378			4.809		372		
4.	15585	5.195		1.371		14983	4.994		1.365	
	5.030		185			6.302		184		
	4.845		184			6.118		188		
	4.661		369			5.930		372		
5	14536	4.845		1.740		18350	6.117		1.737	
	22.468					32.096				

F.B. 1327 P.G. 172

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. BROOKS Weather overcast Inst. No. 15066
Notes by R. F. Siemann Time 11:00 - 11:45 Rod No. 31-32

Name A. Co. Precise Level Net
Job No. 03 01 02
From BM 34-29 To BM 34-28
Date 29 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.250	22.468	186	1.740		6.417	32.096	188	1.737	
	4.064		183			6.229		186		
	3.881		369			6.043		374		
6	12.195	4.065		2.109		18.689	6.230		2.111	
	5.449		188			4.430		189		
	5.261		189			4.241		190		
	5.072		377			4.051		379		
7	15.782	5.261		2.486		12.722	4.241		2.490	
	6.629		187			5.738		187		
	6.442		184			5.551		188		
	6.258		371			5.363		375		
8	19.329	6.443		2.857		16.652	5.551		2.865	
	2.578		150			9.852		150		
	2.428		149			9.702		150		
	2.279		299			9.552		300		
9	7.285	2.428		3.156		29.106	9.702		3.165	
	1.149		149			8.707		149		
	1.000		150			8.558		149		
	0.850		299			8.409		298		
10	2.999	1.000		3.455		25.674	8.558		3.463	
	41.665					66.378				

F.B. 2277 P.G. 113

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather overcast Inst. No. 15066
Notes by R.F. Siemann Time 11:00 - 11:45 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From B.M. 34-29 To B.M. 34-28
Date 29 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.755	41.665	188	3.455		6.462	66.378	186	3.463	
	2.567		186			6.276		187		
	2.381		374			6.089		373		
11	7.703 2.568		3829			18.827 6.276		3831		
	4.100		189			5.190		186		
	3.911		187			5.004		184		
	3.724		376			4.820		370		
12	11.735 3.912		4.205			15.014 5.005		4206		
	6.389		148			2.608		149		B.M. 34-28
	6.241		151			2.459		149		Palos Verdes Dr. W. 1mi. N of
	6.090		299			2.310		298		Pt. Vicente Ligh House
13	18.720 6.240		4.504			7.377 2.459		4.504		See F.B. 1355-31
										Summation of Run
										From BM 34-29
										To BM 34-28
						Backsight stadia = 4504				Total Backsights = + 54.385
						Foresight stadia = 4504				" Foresights = - 80.118
						Total stadia = 9008				diff elev. = - 25.733
						= .51 mi.				
	54.385					80.118				

F.B. 1327 P.G. 174

76P526-CE 379---10-57

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY LIGHT CLOUDS Inst. No. 15066
Notes by N. SMITH Time 1 to 150 Rod No. 31-32

Name L.A. Co PRECISE LEVEL NET
Job No. 0301.02
From BM 34-29 To BM 34-30A
Date 8-29-60
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6318		147			9384		149		BM 34-29 (U.S. 2896)
	6171		149			9235		151		Palos Verdes Dr. W. and S'ly City
	6022					9084				Limits of City Palos Verdes
1	18511	6170	296	296	74°	27703	9234	300	300	See F.B. 1355-32
	2731		187			7928		186		
	2544		188			7742		184		T Le Gault
	2356					7558				
2	7631	2544	375	671		23228	7743	370	670	
	3564		185			7261		186		
	3379		181			7075		184		
	3198					6891				
3	10141	3380	366	1037		21227	7076	370	1040	
	3636		188			4348		185		
	3448		184			4163		188		
	3264					3975				
4	10348	3449	372	1409		12486	4162	373	1413	
	8272		148			2548		150		
	8124		146			2398		148		
	7978					2250				
5	24374	8125	294	1703		7196	2399	298	1711	
	23.668					30.614				

F.B. 2217 P.G. 1/25

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY LIGHT CLOUDS Inst. No. 15066
Notes by N. SMITH Time 1110 - 1150 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. D 301.02
From BM 34-29 To B.M. 34-30 A
Date 8-29-60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6034	23.668	146	1703		7831	30.614	148	1711	
	5888		149			7683		146		
	5739					7537				
6	17661	5887	295	1998		23051	7684	294	2005	
	0048		186			9767		186		
	0862		187			9581		186		
	0675					9395				
7	2585	0862	373	2371		28743	9581	372	2377	
	1995		184			7529		185		
	1811		183			7344		186		
	1628					7158				
8	5434	1811	367	2738		22031	7344	371	2748	
	3880		188			8528		188		
	3692		184			8340		189		
	3508					8151				
9	11080	3693	372	3110		25019	8339	377	3125	
	1258		193			10144		187		
	1065		193			9957		189		
	0872					9768				
10	3195	1065	386	3496		29869	9956	376	3501	
		36.986					73.518			

F.B. 2827 P.G. 176

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 1:50 - 2:40 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-30A To BM 34-29
Date 8-29-60
Indexed B. E. ON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9688	34.618 ✓	185			0968	19.628 ✓	184		
	9503		183			0784		182		
	9320					0602				
6	28511	9504	368	1911		2354	0785	366	1907 ✓	
	7742		149			5949		150		
	7593		145			5799		149		
	7448					5650				
7	22783	7594	294	2205		17398	5799	299	2206 ✓	
	2483		151			8208		148		
	2332		142			8060		149		
	2185					7911				
8	7000	2333	298	2503		24179	8059	297	2503 ✓	
	4325		187			3613		185		
	4138		187			3428		187		
	3951					3241				
9	12414	4138	374	2877		10282	3427	372	2875 ✓	
	7099		187			3403		185		
	6912		184			3218		187		
	6728					3031				
10	20739	6913	371	3248		9652	3217	372	3247 ✓	
	65.100 ✓					38.915 ✓				

F.B. 2827 P.G. 1179

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 1:50 2:40 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From BM 34-30A To B.M 34 29
Date 8-29-60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7917	65.100	186			2718	38.915	187		
	7731		184			2531		189		
	7547					2342				
11	23195	7732	370	3618		7591	2530	376	3623	
	9265		152			6199		148		BM. 34-29 (U.S. 2896)
	9113		150			6051		148		Palos Verdes Dr. W. and 3rd City
	8963					5903				Limits of City of Palos Verdes
12	27341	9114	302	3920		18153	6051	296	3919	see F.B. 1355-32
										Summation of Run
										From BM 34-30A
										To BM 34-29
										Total Backsights = + 81.946
										" Foresights = - 47.496
										diff. elev. = +34.450
										Backsight stadia = 3.920 '
										Foresight " = 3.919 '
										Total " = 7.839 '
										= 1.4 mi.
	81.946					47.496				

F.B. 1355 P.G. 150

76P526-CE 379---10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by P. HARRINGTON Time 2:40 P.M.-3:30 Rod No. 31-32

Name L.A.Co. PRECISE LEVEL NET
Job No. 03.01.02
From BM 34-30A To BM 34-31
Date 8-29-60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3168		0112			6968		108		BM 34-30 A
	3056		0111			6860		108		Palos Verdes Dr. W and Via Zumaya
	2945		223			6752		216		See F.B. 1355 - 50A
1	9169	3056 /		223 /	74°	20580	6860 /		216 /	
	3553		186			8778		186		T SIEMANN
	3367		185			8592		182		
	3182		371			8410		368		
2	10102	3367 /		594 /		25780	8593 /		584 /	
	1845		184			10468		189		
	1661		181			10279		189		
	1480		365			10096		378		
3	4986	1662 /		959 /		30837	10279 /		962 /	
	0630		182			7514		186		
	0448		182			7328		185		
	0266		364			7143		371		
4	1344	0448 /		1323 /		21985	7328 /		1333 /	
	5967		184			3629		186		
	5785		184			3443		185		
	5601		368			3258		371		
5	17355	5785 /		1691 /		10330	3443 /		1704 /	
	14318 /					36503				

F.B. 1327 PG. 181

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by P. HARRINGTON Time 2:40 - 3:30 Rod No. 31-32

Name L.A.Co. PRECISE LEVEL NET
Job No. 63.01.02
From B.M. 34-30A To B.M. 34-31
Date 8-29-69
Indexed H. E. ON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9218	14.318	115			1993	36.503	109		Summation of Run
	9103		112			1884		109		From BM 34-30A
6	8991		227			1775		218		To BM 34-31
	27312	9104		1918		5652	1884		1922	
	9342		110			1860		111		Total Backsights = +45.032
	9232		110			1749		109		" Foresights = -44.499
7	9122		220			1640		220		diff elev = +0.533
	27696	9232		2138		5249	1750		2142	
	8728		092			2611		090		Backsight Stadia = 2.617
	8636		088			2521		090		Foresight " = 2.609
8	8548		180			2431		180		Total " = 5.226
	25912	8637		2318		7563	2521		2322	= .30 mi.
	3.891		150			1.985		145		BM 34-31 (U.S. 2898)
	3.741		149			1.840		142		Palos Verdes Dr. W. near
9	3.592		299			1.698		287		Via Carrillo
	11.224	3.741		2617		5.523	1.841		2609	See F.B. 1355-34

F.B. 2847 PG. 182

45.032 44.499

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Cloudy Inst. No. 15066
Notes by Le Gault Time 8:30 - 9:15 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-31 To BM 34-30A
Date 30 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2479		146			4383		148		BM 34-31 (U.S. 2898)
	2332		143			4235		146		Palos Verdes Dr. W. near
1	2189		289 90			4089		294		Via Carrillo
	7000	2333		289	72°	27074	4236		294	See F.B. 1355-34
	2662		090			8780		090		↑ SICHTAM.
	2572		087			8690		090		
2	2485		177	466		8600		180		
	7719	2573				26070	8690		474	
	1911		110			9392		110		
	1801		110			9282		111		
3	1691		220	686		9171		321	695	
	5403	1801				27845	9282			
	1870		114			9084		108		
	1756		114			8976		108		
4	1642		228	914		8868		216	911	
	5268	1756				26928	8976			
	3630		185			5970		186		
	3445		185			5784		184		
5	3260		370	1284		5600		370	1281	
	10335	3445				17354	5785			
	11.908					36.969				

F.B. 2827 P.G. 183

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party Brooks Weather Cloudy Inst. No. 15066
Notes by LeCault Time 8:30 - 9:15 Rod No. 31-32

Name L.A.Co Precise Level Net
Job No. 0301.02
From BM 34-31 To BM 34-30A
Date 30 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7781	11.908	185	1294		0895	36.969	184	1281	Summation of Run
	7596		187			0711		181		From BM 34-31
6	7409		372	7		0530		365		To BM 34-30A
	22786	7595		1656		21306	0712		1646	
	10390		186			1780		190		Total Backsights = + 45.461
	10210		180			1590		190		" Foresights = - 45.989
7	10030		369	7		1400		380		diff elev. = - 0.528
	30630	10210		2016		4770	1590		2026	
	8920		186			3699		188		Backsight Stadia = 2.604
	8734		183			3511		185		Foresight " = 2.621
8	8551		369	6		3326		373		Total " = 5.225
	26205	8735		2385		10536	3512		2399	.30 3
	7121		101			3317		111		BM 34-30A.
	7012		107			3206		111		Palos Verdes Dr. and Via Zumaya
9	6905		216	2		3095		222		See F.B. 1355-50A
	21038	7013		2604		9618	3206		2621	

F.B. 2022 P.G. 184

45.461 45.989

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. BROOKS Weather CLOUDY Inst. No. 15066
Notes by N. SMITH Time 9 45 10 30 Rod No. 31-32

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-31 To BM 34-32
Date 8-30-60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6540		151			3333		145		BM 34-31 (U.S. 2898)
	6389		149			3188		148		Palos Verdes Dr. W. near Via
	6240					3040				Carrillo
1	19169	6389	300	300		9561	3187	293	293	See F.B. 1355-34
	8242		184 3			3256		187		T D. LEGAULT
	8059		187			3069		185		
	7872					2884				
2	24173	8058	371 0	671 0		9209	3069	372	665	
	7545		185			2836		186		
	7360		185			2650		188		
	7175					2462				
3	22080	7360	370	1040		7948	2649	374	1039	
	8108		149			2399		148		
	7961		149			2251		149		
	7812			6		2102				
4	23881	7960	298	1339		6752	2251	297	1336	
	8335		145			2515		145		
	8190		149			2370		149		
	8041			0		2221				
5	24566	8189	294	1633		7106	2369	294	1630	
		37.956					13.525			

F.B. 1827 P.G. 185

76P526-CE 379—10-57

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Chief of Party F.E. BROOKS Weather SUNNY, LIGHT CLOUDS Inst. No. 15066
Notes by N. SMITH Time 9:45 - 10:30 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 34-31 To BM 34-32
Date 8-30-60
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8511	37.956	146	0		2491	13.525	145		
	8365		145			2346		147		
	8220			1		2199				
6	25096	8365	291	1924		7036	2345	292	1932	
	8859		184			3588		186		
	8675		184			3402		182		
	8491			89		3220				
7	26025	8675	368	2292		10210	3403	368	2290	
	5334		183			6945		185		
	5151		181			6760		185		
	4970			3		6575				
8	15455	5152	364	2656		20280	6760	370	2660	
	3661		183			7272		182		
	3478		186			7090		182		
	3292			2		6908				
9	10431	3477	369	3025		21270	7090	364	3024	
	4594		145			3520		150		
	4449		149			3370		148		
	4300			6		3222				
10	13343	4448	294	3319		10112	3371	298	3322	
		68.073					36.494			

F.B. 1827 P.G. 186

76P526-CE 379—10-57

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Chief of Party F.E. BROOKS Weather SUNNY LIGHT CLOUDS Inst. No. 15066
Notes by N. SMITH Time 9:45 - 10:30 Rod No. 31-32

Name L.A. CO PRECISE LEVEL NET
Job No. 0301 02
From BM 34-31 To BM 34-32
Date 8-30-60 E. OTI
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
	8868	68.073	111	6		1859	36.494	109		Summation of Run
	8757		112			1750		109		From BM 34-31
	8645			39		1641				To BM 34-32
11	26270	8757	223	3545		5250	1750	218	3540	
	10051		150			1087		146		Total Backsights = + 101.475
	9901		149			0941		149		" Foresights = - 56.741
	9752			38		0792				diff. elev. = + 44.734
12	29704	9901	299	3847		2820	0940	295	3835	
	7149		147			6230		150		Backsight Stadia = 4.160
	7002		145			6080		149		Foresight " = 4.651
	6857			0		5931				Total " = 9.368
13	21008	7003	292	4137		18241	6080	299	4134	= .53 mi.
	3057		185			7242		182		
	2872		182			7060		181		
	2690			497		6879				
14	8619	2873	367	4500		21181	7060	363	4497	
	4948		81			4494		76		BM 34-32 (U.S. 1933)
	4867		79			4418		78		Palos Verdes Dr. W. at
	4788			57		4340				House #1717
15	14603	4868	160	4660		13252	4417	154	4651	See F.B. 1355-35
	101.475					56.741				

F.B. 1357 P.G. 19

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY LIGHT CLOUDS Inst. No. 15066
Notes by N. SMITH Time 10:30 - 11:20 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0307.02
From BM 34-32 To BM 34-31
Date 8-30-60
Indexed H.E. Ott

F.B. 1327 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
	4406		77			4858		80		BM 34-32 (U.S. 2899) Palos Verdes Dr. W. at house # 1017
	4329		78			4778		80		
	4251					4698				
1	12986	4329	155	155 ✓		14334	4778	160	160 ✓	see F.B. 1355-35
	7251		181			3064		183		℄ LeGault
	7070		180			2881		183		
	6890					2698				
2	21211	7070	361	516		8643	2881	366	526 ✓	
	6249		149			7171		147		
	6100		148			7024		145		
	5952					6879				
3	18301	6100	297	813 ✓		21074	7025	292	818 ✓	
	1168		147			10131		149		
	1021		148			9982		147		
	0873					9835				
4	3062	1021	295	1108 ✓		29948	9983	296	1114 ✓	
	1868		108			8877		110		
	1760		110			8767		113		
	1650					8654				
5	5278	1759	218	1326 ✓		26298	8766	223	1337 ✓	
		20.279	✓	✓			33.433 ✓	-	✓	

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. BROOKS Weather SUNNY, CLOUDS Inst. No. 15066
Notes by N. SMITH Time 10:30 - 11:20 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-32 To BM 34-31
Date 8-30-60
Indexed H. E. gm

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3512	20.279	149			4590	33.433	148		
	3363		148			4442		147		
	3215					4295				
6	10090	3363	297	1623		13327	4442	295	1632	
	7248		186			3632		183		
	7062		183			3449		186		
	6879					3263				
7	21189	7063	369	1992		10344	3448	369	2001	
	6006		186			5398		184		
	6820		185			5214		183		
	6635					5031				
8	20461	6820	371	2363		15643	5214	367	2368	
	3521		183			8792		182		
	3338		186			8610		185		
	3152					8425				
9	10011	3337	369	2732		25827	8609	367	2735	
	2518		148			8538		147		
	2370		147			8391		146		
	2223					8245				
10	7111	2370	295	3027		25174	8391	293	3028	
	43.252					63.539				

F.B. 29417 P.G. 189

76P526-CE 379—10-57

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Chief of Party F.E. BROOKS Weather SUNNY Inst. No 15066
Notes by N. SMITH Time 10:30 - 11:20 Rod No. 31 32

Name LA.CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 34-32 To BM 34-31
Date 8-30-60
Indexed H.E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				3027					3028	
	2409	43.232	148			8227	63.537	147		Summation of Run
	2261		146			8080		148		From BM 34-32
	2115					7932				To BM 34-31
11	6785	2262	294	3321		24239	8079	295	3323	
	2411		147			8123		146		Total Backsights = +56.456
	2264		146			7977		149		" Foresights = -101.394
	2118					7828				diff elev. = -44.938
12	6793	2264	293	3614		23928	7976	295	3618	
	2838		187			7547		186		Backsight Stadia = 4.652
	2651		184			7361		185		Foresight " = 4.658
	2467					7176				Total " = 9.310
13	7956	2652	371	3985		22084	7361	371	3987	= .53mi.
	3188		187			8178		187		
	3001		186			7991		183		
	2815					7808				
	9004	3001	373	4358		23977	7992	370	4359	
	3393		149			6599		149		B.M. 34-31 (U.S.2898)
	3244		145			6450		150		Palos Verdes Dr. W. near Via
	3099					6300				Carrillo
15	9736	3245	294	4652		19349	6449	299	4658	
	56.656					101.394				See F.B. 1355-34

F.B. 2647 P.G. 191

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 11:40 - 2:05 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-32 To BM 34-33
Date 30 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5183		191	381	✓	2955		185	369	BM 34-32
	4992		190			2770		184		Palos Verdes Dr. W. at house
1	4802		381			2586		369		#1717
	14977 4992	✓			76°	8311 2770	✓			See F.B. 1355-35
	7071		182			3391		182		
	6889		183			3209		182		T Smith
2	6706		365			3027		364		
	20666888	✓	746	✓		9627 3209	✓	733	✓	
	7851		186			2839		188		
	7670		188			2651		186		
3	7482		374			2465		374		
	23008 7669	✓	1120	✓		7955 2651	✓	1107	✓	
	7900		180			2440		185		
	7720		180			2255		185		
4	7540		360			2070		370		
	23160 7720	✓	1480	✓		6765 2255	✓	1477	✓	
	6585		146			5440		148		
	6439		148			5292		144		
5	6291		294			5148		292		
	19315 6438	✓	1774	✓		15805293	✓	1769	✓	
	33.709					16.178				

F.B. 1927 P.G. 19

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 11:40 - 2:05 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-32 To BM 34-33
Date 30 Aug. 1960
Indexed H.E.O.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3221	33.707	147	1774		8555	16.178	146	1769	
6	3074		146			8409		147		1hr. for lunch
	2928		293			8262		293		
	92233074		2067			25268408		2062		
	0649		184			8540		185		
7	0465		182			8355		182		
	0283		366			8173		367		
	13970465		2433			25068356		2429		
	4180		181			6490		182		
8	3999		184			6308		180		
	3815		365			6128		362		
	11943998		2798			18926308		2791		
	4219		185			6116		184		
9	4034		184			5932		183		
	3850		369			5749		367		
F.B. 1922 P.G. 192	12034034		3167			17975932		3158		
	4933		184			4337		185		
10	4749		183			4152		184		
	4566		367			3968		369		
	14284749		3534			12457152		3527		
	50027					49334				

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. G. Brooks Weather Sunny Inst. No. 15066
Notes by R. R. Workman Time 11:40 2:05 Rod No. 31-32

Name L.A. Co Precise Level Net
Job. No. 0301.02
From BM 34-32 To BM 34-33
Date 30 Aug. 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread 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	7479	50.027	109	3534		2250	49.334	109	3507	Summation of Run From BM 34-32 To BM 34-33
	7370		110			2141		111		
	7260		219			2030		220		
	22109 7369			3753		6421 2140			3747	
12	8130		110			2553		110		Total Backsights = +79.701
	8020		111			2443		112		" Foresights = -57.569
	7909		221			2331		222		diff. elev. = +22.132
	24059 8019			3974		7327 2442			3969	
13	7013		073			3216		072		Backsight Stadia = 4.229
	6940		075			3144		073		Foresight " = 4.212
	6865		148			3071		145		Total " = 8.441
	20818 6939			4122		9431 3143			4114	= .48 mi.
14	7401		053			0559		049		BM 34-33
	7348		054			0510		049		Palos Verdes Dr. W. and
	7294		107			0461		098		Pasco Del Mar
	22043 7347			4229		15300510			4212	See F.B. 1355-36

F.B. 2577 P.G. 197

79.701 57.569

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by A. R. Workman Time 2:10 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-33 To BM 34-32
Date 30 Aug 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	0487		048			7330		054		BM 34-33 (U.S. 2900)
	0439		049			7276		055		Palos Verdes Dr. W. and
	0390		097			7221		109		Paseo Del Mar
	1316	0438		097	74°	21827	7275		109	See F.B. 1355-36
2	3207		076			7001		072		
	3131		073			6929		072		π Smith
	3058		149			6857		144		
	9396	3132		246		20787	6929		253	
3	2622		112			8200		111		
	2510		109			8089		109		
	2401		221			7980		220		
	7533	2.511		467		24269	8.090		473	
4	2251		109			7480		110		
	2142		110			7370		109		
	2032		219			7261		219		
	6425	2141		686		22111	7370		692	
5	4385		182			4982		183		
	4203		184			4799		184		
	4019		366			4615		367		
	12607	4202		1052		14396	4798		1059	
		12.424					34.462			

F.B. 2827 P.G. 194

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by A. R. Workman Time 2:10 Rod No. 31-32

Name L. A. Co. Precise Level Net
Job No. 030.02
From BM 34-53 To BM 34-32
Date 30 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6168	12.424	184	1052		4268	74.462	183	1059	
	5984		183			4086		183		
6	5801		367			3902		366		
	17953	5.984		1419		12255	4.085		1425	
	6515		180			4205		180		
	6335		180			4025		180		
7	6155		360			3845		360		
	19005	6.335		1779		12075	4.025		1785	
	8615		185			0723		182		
	8430		182			0541		183		
8	8248		367			0358		365		
	25293	8431		2146		16220	5401		2150	
	8703		144			3369		147		
	8559		148			3222		144		
9	8411		292			3078		291		
	25673	8558		2438		9669	3223		2441	
	5551		146			6700		148		
	5405		146			6552		147		
10	5259		292			6405		295		
	16215	5405		2730		19657	6552		2736	
	47.137					52.887				

F.B. 1211 P.G. 145

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 150466
Notes by A.R. Workman Time 2:10 3:00 Rod No. 21-37

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-33 To BM 34-32
Date 30 Aug. 1960
Indexed E.E. on

F.B. 2887 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
11	2915	47.137	190	2730		8373	52.887	186	2736	Summation of Run From BM 34-33 To BM 34-32
	2725		186			8187		186		
	2539		376			8001		372		
	8179	2726		3106		24561	8187		3108	
12	2919		189			7932		184		Total Backsights = + 58.980
	2730		186			7748		188		" Foresights = - 81.107
	2544		375			7560		372		diff. elev. = -22.127
	8193	2731		3481		23240	7747		3480	
13	3485		185			7162		182		Backsight stadia = 4.223
	3300		181			6980		185		Foresight " = 4.225
	3119		366			6795		367		Total " = 8.448
	9904	3301		3847		20937	6979		3847	= .48 mi.
14	3274		190			5497		191		BM 34-32 (U.S. 2899) Palos Verdes Dr. W. at house # 1717
	3084		186			5306		187		
	2898		376			5119		378		
	9256	3085		4223		15922	5307		4225	See F.B. 1355-35
	58.980					81.107				

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Cloudy Inst. No. 15066
Notes by LC GAULT Time 8:45 - 10:10 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-33 To BM 34-34
Date 31 Aug 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	4085		117			2815		106		BM 34-33 (U.S. 2900) Palos Verdes Dr. W. and Paseo del Mar. See F.B. 1355-36
	3968		118			2709		109		
	3850		235			2600		215		
	11903	3968		235		8124	2708		215	
2	9635		144			3195		185		T SICHMAN
	9491		141			3010		188		
	9350		285			2822		373	588	
	28476	9492		520		9027	3009			
3	5380		160			7538		133		
	5220		160			7405		133		
	5060		320			7272		266	854	
	15660	5220		840		22215	7405			
4	2030		145			9521		141		
	1885		145			9380		145		
	1740		290			9235		286	1140	
	5655	1885		1130		28136	9379			
5	2838		116			7948		108		
	2722		112			7840		108		
	2610		228			7732		216		
	8170	2723		1358		23520	7840		1256	
	23.288					30.341				

F.B. 2022 L.P.G. 1960

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: Brooks Weather: Cloudy Inst. No. 15066
Notes by: L.C. Galley Time: 8:45-10:10 Rod No. 31-32

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 34-33 To: BM 34-34
Date: 31 Aug 1960
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	2948	23.288	147	1358		6322	30.341	148	1356	
	2801		149			6174		147		
	2652		296			6027		295		
	8401	2800		1654		18523	6174		1651	
7	4800		150			5930		145		
	4650		148			5785		145		
	4502		298			5640		290		
	13952	4651		1952		17355	5785		1941	
8	6390		147			2640		149		
	6243		145			2491		146		
	6098		292			2345		295		
	18731	6244		2244		7476	2492		2236	
9	10220		148			1628		148		
	10072		145			1480		150		
	9927		293			1330		298		
	30219	10073		2537		4438	1479		2534	
10	7929		180			4590		186		
	7749		184			4404		184		
	7565		364			4220		370		
	23243	7748		2901		13214	4405		2904	
		54.804					50.676			

F.B. 2827 P.G. 198

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party Brooks Weather Cloudy Inst. No. 15066
Notes by LCB Time 8:45-10:10 Rod No. 31-32

Name L.A.C. Precise Level NF
Job No. 0301.02
From BM 34-33 To BM 34-34
Date 31 Aug 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread 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	6640	54.804	148	2901		3894	50.676	146	2904	Summation of Run
	6492		144			3650		148		From BM 34-33
	6348		292	3193		3510		294	3198	To BM 34-34
	19480	6493				10972	3657			
12	9308		109			1545		113		Total Backsights = 180.249
	9199		110			1432		110		" Foresights = - 58.763
	9089		219	3412		1322		223	3421	diff elev. = +121.486
	27596	9199				4299	1433			
13	9838		086			8067		069		Backsight Stadia = 3.580
	9752		082			2998		073		Foresight " = 3.563
	9670		168	3590		2925		142	3563	Total " = 7.143
	29260	9753				8990	2.997			= .017
										BM 34-24 (U.S. 4140)
										Palos Verdes Dr. W and Via Montemar See F.B. 1355 Pg 39
										F.B. 2111 P.G. 199
	180.249					58.763				

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party Brooks Weather Sunny. Inst. No. 15066
Notes by J.C. Gault Time 10:10 - 11:10 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301-02
From BM 34-34 To BM 34-33
Date 31 Aug 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2726		072			9.491		080		BM 34-34 (U.S. 4140)
	2654		076			9.411		080		Palos Verdes Dr. W. and Via
1	2578		148	148		9.331		160	160	Montemar
	7.958	2.653			74°	28.233	9.411			See F.B. 1355-37
	1607		108			9370		110		T SICMAN
	1499		109			9260		111		
2	1390		217			9149		221		
	4496	1.499		365		27.779	9.260		381	
	3513		151			6.340		140		
	3362		149			6.200		140		
3	3213		300			6.060		280		
	10.088	3.363		665		18.600	6.200		661	
	4569		184			7913		184		
	4385		184			7729		184		
4	4201		368			7545		368		
	13.155	4.385		1033		23.187	7.729		1029	
F.B. 2827 P.G. 200	1.385		150			9976		149		
	1.235		150			9.827		148		
5	1085		300			9679		297		
	3.705	1.235		1333		29.482	9.827		1326	
	13.135					42.427				

76P526-CE 379—10-57

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Chief of Party BLOOKS Weather SUNNY Inst. No. 15066
Notes by Le GAULT Time 10:10 - 11:10 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM34-34 To BM34-33
Date 31 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	2622	13.135	147	1333		6370	42.427	144	1326	
	2475		147			6226		145		
	2328		294			6081		289		
	7425	2475		1627		18677	6226		1615	
7	5962		148			4828		148		
	5814		146			4680		150		
	5668		294			4530		298		
	17444	5815		1921		14038	4679		1913	
8	6219		150			2849		149		
	6069		148			2700		149		
	5921		298			2551		298		
	18209	6070		2219		8100	2700		2211	
9	7960		107			2850		115		
	7853		104			2735		115		
	7749		211			2620		230		
	23562	7854		2430		8205	2735		2441	
10	9642		147			2147		144		
	9495		148			2003		142		
	9347		295			1861		286		
	28484	9495		2725		6011	2004		2727	
		44.844					60.771			

F.B. 2827 P.G. 201

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party BROOKS Weather Sunny Inst. No. 15066
Notes by LC GAULT Time 10:10 - 11:10 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-34 To BM 34-33
Date 31 Aug 1960
Indexed N. E. ON

Number of Station	BACKSIGHT Thread 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	7671	44.844	144	2725		5489	60.771	1472727		Summation of Run From BM 34-34 To BM 34-33
	7527		146			5342		144		
	2381		290			5198		291		
	22574	7526		3015		160295343			3018	
12	3421		181			9870		148		Total Backsights = + 59.338
	3240		180			9722		147		" Foresights = - 80.821
	3060		361			9575		295		diff elev. = - 21.483
	972 13240			3376		291679722			3313	
13	3828		100			5110		125		Backsight Stadia = 3.576
	3728		100			4985		125		Foresight " = 3.573
	3628		200			4860		250	6	Total " = 7.149
	11184 3728			3576		14955 4985			3573	= 41 m.
										BM 34-33 (U.S. 2900) Palos Verdes Dr. W. and Paseo Del Mar. See F.B. 1355 - 36

F.B. 1355 P.G. 242

59.338 80.821

76P526-CE 379—10-57

11:10

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Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 11:20 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 2301.02
From BM 34-34 To BM 34-34A
Date 3 Aug 1960
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
1	6188		041			3300		046		BM 34-34 (U.S. 4140) Palos Verdes Dr. W. and Via Montemar. See F.B. 1355-37
	6147		043			3254		046		
	6104		084			3208		.092		
	18439	6146		.084		9762	3254		.092	
										BM 34-34A (U.S.G.S. Palos Verdes #147) Palos Verdes Dr. W. and Via Montemar. See F.B. 1355-37
										T LeGault Summation of Run From BM 34-34 To BM 34-34A
										Total Backsights = +6.146 ✓ " Foresights = -3.254 ✓ diff. elev. = +2.892 ✓
										Backsight Stadia = .084 ✓ Foresight " = .092 ✓ Total " = .176 ✓ = .01

F.B. 1827, P.G. 203

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 11:25 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. D701.02
From BM 34-34A To BM 34-34
Date 31 Aug 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.376		.047			6.261		.041		BM 34-34A (U.S.G.S. Palos Verdes * 147)
	3.329		.047			6.220		.040		Palos Verdes Dr. W. and Via
1	3.282		.094	.94		6.180		.081	.81	Montemar See F.B. 1355-37
	9.987	3.329				18.661	6.220			
										BM 34-34 (U.S. 4140) Palos Verdes Dr. W and Via Montemar See F.B. 1355-37
										T LeGault
										Summation of Run From BM 34-34A To BM 34-34
										Total Backsights = +3.329 ✓
										" Foresights = -6.220 ✓
										diff elev. = -2.891 ✓
										Backsight Stadia = 094 ✓
										Foresight " = - 081 ✓
										Total " = .175 ✓
										= .01

F.B. 2912 P.G. 204

76P526-CE 379—10-57

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Chief of Party F E Brooks Weather Sunny Inst. No. 15066
Notes by A R Workman Time 11:20 1:30 Rod No 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-34A To BM 34-35
Date 31 Aug 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	2680		183			7538		186		BM 34-34A (U.S.G.S. Palos Verdes #147) Palos Verdes Dr. W. and Via Montemar See F.B. 1355-37
	2497		184			7352		182		
	2313		367			7170		368		
	749 02496			367		7706 7353			368	
2	3419		187			8281		183		
	3232		184			8098		182		
	3048		371			7916		365		
	9699 3233			738		24958098			733	
3	2372		181			8273		181		T LeGault
	2191		183			8092		181		
	2008		364			7911		362		
	657 2190			1102		24276 8092			1095	
4	2637		099			7520		105		
	2538		099			7415		104		
	2439		198			7311		209		
	76142538			1300		22246 7415			1304	
5	2259		094			8156		087		
	2165		094			8069		088		
	2071		188			7981		175		
	64952165			1488		24206 8068			1479	
	12.622					39.026				

F.B. 1355 L.P.G. 2005

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 150.66
Notes by A.R. Workman Time 11:20 - 1:30 Rod No. 31432

Name L.A.Co. Precise Level Net
Job No. 030.02
From BM 34-34A To BM 34-35
Date 31 Aug. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2293	12.622	093	1488		8319	39.026	089	1479	
6	2200		091			8230		089		
	2109		184			8141		178		
	6602200		1672			24690 8230		1657		
	2325		092			8193		086		
7	2233		091			8107		088		
	2142		183			8019		174		
	6700 2233		1855			24198106		1831		
	2359		091			8187		088		
8	2268		092			8099		087		
	2176		183			8012		175		
	6803 2267		2038			24298 8099		2006		
	1491		107			10493		106		LUNCH 1 hr.
9	1384		105			10387		107		
	1279		212			10280		213		
	4154 1384		2250			31160 10386		2219		
	0466		111			9771		109		
10	0355		108			9662		107		
	0247		219			9555		216		
	10680356		2469			28988962		2435		
	21.062					83.509				

F.B. 1827 P.G. 106

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76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 11:20 - 1:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-34A To BM 34-35
Date 31 Aug 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	2470	21.062	095	2469		9056	83.509	106	2435	Summation of Run From BM 34-34A To BM 34-35
	2375		094			8950		106		
	2281		189			8844		212		
	7126	21.375		2658		26850	83.950		2647	
12	1527		114			8613		105		Total Backsights = +29.254
	1413		112			8508		107		" Foresights = -127.075
	1301		226			8401		212		diff elev. = -97.821
	4241	1413		2884		25522	8507		2859	
13	0599		145			10210		144		Backsight Stadia = 3.706
	0454		142			10066		145		Foresight " = 3.726
	0312		287			9921		289		Total " = 7.432
	13650	455		3171		30197	10.065		3148	= .42mi
14	1038		180			9221		197		
	0858		181			9024		193		
	0677		361			8831		390		
	25730	857		3532		27076	9025		3538	
15	3180		088			7113		093		BM 34-35 (U.S. 4141) Palos Verdes Dr. W. at house #601
	3092		086			7020		095		
	3006		174			6925		188		
	9278	3092		3706		21058	7019		3726	See F.B. 1355-38
	29.254					127.075				

F.B. 1355 P.G. 20

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 1:30 2:10 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No 0301.02
From BM 34-35 To BM 34-34A
Date 31 Aug. 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	7160		093			3226		088		BM 34-35 (U.S. 4141) Palos Verdes Dr. W. at house #601
	7067		094			3138		088		
	6973		187			3050		176		
	21200 7066			187		9414 3138			176	See F.B. 1355-38
2	8930		190			0761		187		
	8740		190			0574		186		
	8550		380			0388		373		
	26220 8740			567		17230574			549	T LeGault
3	10099		141			0486		146		
	9958		143			0340		148		
	9815		284			0192		294		
	29872 9957			851		10180 339			843	
4	8545		104			1461		115		
	8441		103			1346		115		
	8338		207			1231		230		
	25324 8441			1058		4038 1346			1073	
5	8795		097			2221		101		
	8698		099			2120		101		
	8599		196			2019		202		
	26092 8697			1254		6360 2120			1275	
	42.901					7.519				

F.B. 1327 P.G. 208

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by A. R. Workman Time 1:30 - 2:10 Rod No. 31 + 32

Name L. A. Co. Precise Level
Job No. 0501.02
From BM 34-35 To BM 34-34A
Date 31 Aug. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9854	42.901	107	1254		0549	7.517	109	1275	
6	9747		108			0440		110		
	9639		215			0330		219		
	29240	9746		1469		13190439			1494	
	10393		107			1389		108		
7	10286		106			1281		106		
	10180		213			1175		214		
	30859	10286		1682		3845	1281		1708	
	8272		087			2399		093		
8	8135		086			2306		094		
	8049		173			2212		187		
	24406	8135		1855		6917	2305		1895	
	8181		089			2311		091		
9	8092		085			2220		091		
	8007		174			2129		182		
	24280	8093		2029		6660	2220		2077	
	8278		089			2252		092		
10	8189		089			2160		091		
	8100		178			2069		183		
	24567	8189		2207		6481	2160		2260	
	87.350					16.922				

F.B. [illegible] P.G. 109

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 1:30 - 2:10 Rod No. 31432

Name L.A. Co. Precise Level/Net
Job No. 0301.02
From BM 34-33 To BM 34-34A
Date 31 Aug 1960
Indexed H.E.O.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8670	87.350	100	2407		2744	15.922	079	2760	Summation of Run
11	8570		100			2665		079		From BM 34-35
	8470		200			2586		158		To BM 34-34A
	25710	8570	/	2407		7995	2665	/	2418	
	7623		105			2738		097		Total Backsights = 126.773
12	7518		105			2641		093		" Foresights = 28.948
	7413		210			2548		190		diff elev. = +97.825
	22554	7518	/	2617		7929	2642	/	2608	9
	8272		181			2378		186		Backsight Stadia = 3.711
13	8091		181			2192		183		Foresight " = 3.714
	7910		362			2009		369		Total " = 7.425
	24273	8091	/	2979		6579	2193	/	2977	= .42 mi.
	8068		183			3208		186		
14	7885		183			3022		183		
	7702		366			2839		369		
	23655	7885	/	3345		9069	3023	/	3346	
	7543		184			2683		184		BM 34-34A (U.S.G.S. Palos Verdes #147)
15	7359		182			2499		184		Palos Verdes Dr. W. and Via Montemar
	7177		366			2315		368		See F.B. 1355-37
	22079	7359	/	3711		7497	2499	/	3714	
	126.773					28.948				
						4				

F.B. 2847 P.G. 210

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather CLOUDY Inst. No. 15066
Notes by N. SMITH Time 945 – 1030 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-35 To BM 34-36
Date 1 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1480		180			8777		180		BM 34-35 (U.S. 4/41) Palos Verdes Dr. W at house #601
	1300		178			8597		179		
	1122					8418				
1	3902	1301	358	358	72°	25792	8597	359	359	Set FB. 1355-38
	3153		178			8320		179		
	2975		176			8141		177		
	2799					7964				
2	8927	2976	354	712		24425	8142	356	715	
	2130		180			9159		179		T. A. WORKMAN
	1950		180			8980		180		
	1770					8800				
3	5850	1950	360	1072		26939	8979	359	1074	
	2585		105			8923		111		
	2480		104			8812		110		
	2376					8702				
4	7441	2480	209	1281		26437	8812	221	1195	
	2049		109			8896		106		
	1940		111			8790		102		
	1829					8688				
5	5818	1939	220	1501		26374	8791	208	1503	
			10.646					43.321		

F.B. 2880 P.G. 211

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F E BROOKS Weather CLOUDY Inst. No. 15066
Notes by N SMITH Time 9:45 - 10:30 Rod No. 31 32

Name L A Co PRECISE LEVEL NET
Job No. 030102
From BM 34-35 To BM 34-36
Date 9-1-60
Indexed H. E. OTT

F.B. 2827 P.G. 212

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals (5011)	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals (5303)	DESCRIPTION AND REMARKS
	1745	10.646	110			8743	43.321	108		
	1635		107			8635		109		
	1528					8526				
6	4908	1636	217	1718		25904	8635	217	1720	
	2069		110			8039		109		
	1959		109			7930		108		
	1850					7822				
7	5878	1959	219	1937		23791	7930	217	1937	
	2440		110			9089		109		
	2330		107			8980		109		
	2223					8871				
8	6993	2331	217	2154		26940	8980	218	2155	
	1744		109			8834		108		
	1635		106			8726		111		
	1529					8615				
9	4908	1636	215	2369		26175	8725	219	2374	
	1946		108			8710		108		
	1838		109			8602		109		
	1729					8493				
10	5513	1838	217	2586		25805	8602	217	2591	
	20046					86193				

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. BROOKS Weather Sunny Light Clouds Inst. No. 15066
Notes by N. Smith Time 9:45 - 10:30 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301-02
From B.M. 34-35 To B.M. 34-36
Date 9-1-60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3360	20.046	191	2586		5349	86.193	186	2591	
	3169		189			5163		184		
	2980					4979				
11	9509	3169	380	2966		15491	5164	370	2961	
	7348		144			2924		144		
	7204		144			2780		147		
	7060					2633				
12	21612	7204	288	3254		8337	2779	291	3252	
	6300		118			2648		111		B.M. 34-36 (U.S. 4142)
	6182		120			2537		110		Palos Verdes Dr. W. at Malaga
	6062					2427				Cove Grammer School Crossing
13	18544	6181	238	3492		7612	2537	221	3473	see F.B. 1355-39
										Summation of Run From BM 34-35 To BM 34-36
						Backsight stadia = 3492				Total Backsights = +36.600
						Foresight " = 3473				" Foresights = -96.673
						Total " = 6.965				diff. elev. = -60.073
						= .39 mi				
	36.600					96.673				

F.B. 2827 P.G. 213

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY LIGHT CLOUDS Inst. No. 15066
Notes by N. SMITH Time 10:30 - 11:10 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 34-36 To BM 34-35
Date 9-1-60
Indexed H. E. ON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2820		110			6471		119		B.M. 34-36 (U.S. 4142) Palos Verdes Dr. W. at Malaga Cove Grammar School crossing
	2710		110			6352		115		
	2600					6237				
1	8130	2710	220	220	74°	19060	6353	234	234	See F.B. 1355-39
	2860		148			7275		140		
	2712		144			7135		142		
	2568					6993				
2	8140	2713	292	512		21403	7134	282	516	
	5488		186			3496		189		
	5302		188			3307		187		
	5114					3120				
3	15904	5301	374	886		9923	3308	376	892	
	8681		111			1910		105		
	8570		107			1805		105		
	8463					1700				
4	25714	8571	218	1104		5415	1805	210	1102	
	8738		110			1645		107		
	8628		109			1538		108		
	8519					1430				
5	25885	8628	219	1323		4613	1538	215	1317	
	27923					20138				

F.B. 1041 PG. 214

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 10:30 - 11:10 Rod No. 31-32

Name L.A.Co. PRECISE LEVEL NET
Job No. 03.01.02
From BM 34-36 To BM 34-35
Date 9-1-60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9019	27.923	109	(1323)		2368	20.138	108	(1317)	
	8910		107			2260		110		
	8803					2150				
6	26732	8911	216	1539		6778	2259	218	1535	
	8069		107			2101		111		
	7962		107			1990		108		
	7855					1882				
7	23886	7962	214	1753		5973	1991	219	1754	
	8702		108			1702		110		
	8594		107			1592		108		
	8487					1484				
8	25783	8594	215	1968		4778	1593	218	1972	
	8886		106			2040		110		
	8780		108			1930		109		
	8672					1821				
9	26338	8779	214	2182		5791	1930	219	2191	
	8962		112			2622		102		
	8850		110			2520		105		
	8740					2415				
10	26552	8851	222	2404		7557	2519	207	2398	
	71.020					30.430				

F.B. 2821 P.G. 115

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by N. SMITH Time 10:30 - 11:10 Rod No. 31-32

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-36 To BM 34-35
Date 9-1-60
Indexed H.E.OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9220	71.020	180			2194	30.430	179		
	9040		179			2015		178		
	8861					1837				
11	27121	9040	359	2763		6046	2015	357	2753	
	8386		180			3221		181		
	8206		177			3040		180		
	8029					2860				
12	24621	8207	357	3120		9121	3040	361	3116	
	8977		182			1680		180		B.M. 34-35 (U.S. 4441)
	8795		179			1500		178		Palos Verdes Dr. W at house
	8616					1322				# 601
13	26388	8796	361	3481		4502	1501	358	3474	See F.B. 1355-38
										Summation of Run
										From BM 34-36
										To BM 34-35
						Backsight Stadia = 3.4811				
						Foresight " = 3.474				Total Backsights = + 97.064
						Total " = 6.955				" Foresights = - 36.986
						= .39 mi				diff. elev = +60.078
		97.064					36.986			

F.B. 2211 P.G. 216

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Cloudy Inst. No. 15066
Notes by R.F. Siemann Time 11:20 - 11:55 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-36 To BM 34-38
Date 1 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.429		103			3.047		103		BM 34-36 (U.S. 4142)
	5.325		104			2.944		101		Palos Verdes Dr. W. at Malaga
	5.222		207			2.843		204		Cove Grammer school Crossing
1	15.977	5.326		207		8.834	2.945		204	See F.B. 1355-39
	7.684		183			4.492		181		
	7.501		182			4.311		182		T Le Gault
	7.318		366			4.129		363		
2	22.503	7.501		573		12.932	4.311		567	
	5.847		180			5.027		184		
	5.667		184			4.842		182		
	5.483		364			4.660		366	4	
3	16.997	5.666		937		14.529	4.843		932	
	6.451		144			2.079		146		
	6.307		148			1.933		144		
	6.159		292			1.789		290	4	
4	18.917	6.306		1229		5.801	1.934		1227	
	8.742		109			1.690		108		
	8.633		106			1.582		108		
	8.527		215			1.474		216	40	
5	25.902	8.634		1444		4.748	1.583		1439	
	39.433					15.616				

F.B. 1341 P.G. 217

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Cloudy Inst. No 15066
Notes by R.F. Siemann Time 11:20 - 11:55 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 03.01.02
From B.M. 34-36 To B.M. 34-37
Date 15 Sept. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.526	33.433	144	1.444		0.613	16.616	146	1.439	Summation of Run
	10.382		142			0.467		149	40	From BM 34-36
	10.240		286			0.318		295	5	To BM 34-39
6	31.148	10.383		1.730		1.398	0.466		1.734	
	9.552		140			1.482		143		Total Backsights = + 74.254
	9.412		139			1.339		145		" Foresights = - 29.731
	9.273		279			1.194		288	3	diff. elev. = +44.523
7	28.237	9.412		2.009		4.015	1.338		2.022	
	10.059		158			1.509		154		Back sight Stadia = 2.889
	9.901		154			1.355		153		Fore sight " = 2.877
	9.747		312			1.202		307	30	Total " = 5.766
8	29.707	9.902		2.321		4.066	1.355		2.329	= .33 mi.
	6.868		119			2.021		117		
	6.749		119			6.904		114		
	6.630		238			6.790		231	1	
9	20.247	6.749		2.559		20.715	6.905		2.560	
	4.540		165			4.210		159		B.M. 34-37 (U.S. 2903)
	4.375		165			4.051		158		Palos Verdes Dr. W. and Palos
	4.210		330			3.893		317	8	Verdes Estates Malaga Cove Plaza
10	13.125	4.375		2.889		12.154	4.051		2.877	Set F.B. 355-40
	74.254					29.731				

F.B. 2827 PG 2 10

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather cloudy Inst. No. 15066
Notes by R.F. Siemann Time 13:00 13:40 Rod No. 31-32

Name A.Co. Precise Level Net
Job No. 02 01 02
From B.M. 34-37 To B.M. 34-36
Date 1 Sept. 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.179		159			4.506		165		B.M. 34-37 (W.S. 2903) Palos Verdes D.H.W. and Palos Verdes Estates Malaga Cove Plaza
	4.020		159			4.341		162		
	3.861		318			4.179		327		
1	12.060	4.020		318		13.026	4.342		327	See FB 1855-40
	6.990		117			6.834		116		T Le Gault
	6.873		115			6.718		118		
	6.758		232			6.600		234		
2	20.621	6.874		550		20.152	6.717		561	
	1.393		154			9.941		154		
	1.239		156			9.787		155		
	1.083		310			9.632		309		
3	3.715	1.238		860		29.360	9.787		870	
	1.572		144			9.642		140		
	1.428		145			9.502		140		
	1.283		289			9.362		280		
4	4.283	1.428		1149		28.506	9.502		1150	
	0.545		148			10.457		145		
	0.397		149			10.312		141		
	0.248		297			10.171		286		
5	1.190	0.397		1446		30.940	10.313		1436	
	13957					40661				

F.B. 2822 P.G. 2-9

76P526-CE 379—10-57

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Chief of Party F.E. BROOKS Weather sunny Inst. No 15066
Notes by R.F. Siemann Time 12:00 - 13:40 Rod No 31-32

Name L.A. Co. Precise Level Unit
Job No. 0301.02
From B.M. 34-37 To B.M. 34-36
Date 15 Sept 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
		13957					40661			
	1.675		107	1.446		8.729		108	1.436	SUMMATION of RUN
	1.568		108			8.621		110		FROM BM34-37
	1.460		215			8.511		218		to BM34-36
6	4.703	1.568		1.661		25.861	8.620		1.654	
	2.090		145			6.464		146		total BACKSIGHTS = +30.038
	1.945		145			6.318		147		" FORESIGHTS = -74.561
	1.800		290			6.171		293		DIFF ELEV = -44.523
7	5.835	1.945		1.951		18.953	6.318		1.947	
	5.020		183			5.838		180		BACKSIGHT STADIA = 2885
	4.837		185			5.658		180		FORESIGHT STADIA = 2881
	4.652		368			5.478		360		total = 5766
8	14.509	4.836		2.319		16.974	5.658		2.307	= .33 mi
	4.587		183			7.781		183		
	4.404		181			7.598		185		
	4.223		364			7.413		368		
9	13.214	4.405		2.683		22.792	7.597		2.625	
	3.427		101			5.810		103		B.M. 34-36 (US 4142)
	3.326		101			5.707		103		Palos Verdes Dr W. at Malaga
	3.225		202			5.604		206		Cove Elementary School Crossing
10	9.978	3.326		2.885		17.121	5.707		2.881	SEE FB 1355-39
	30038					74561				
	7									

FB 827 PG 220

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by P. HARRINGTON Time 9:05 - 9:45 Rod No 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-39 To BM 34-38
Date 23 Sept 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread 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.	3488		186			8381		181		BM 34-37 (U.S. 2903) Palos Verdes Dr. W and Palos Verdes Estates Malaga Cove Plaza
	3302		183			8200		180		
	3119		369			8020		361		
	9909	3303		369		24601	8200		361	See F.B. 1355-40
2.	1171		111			9279		111		⊼ Le Gau H
	1060		110			9168		112		
	950		221			9056		223		
	3181	1060		590		27503	9168		584	
3.	2707		102			7942		120		
	2605		107			7822		121		
	2503		204			7701		241		
	7815	2605		794		23465	7822		825	
4.	1383		139			9624		125		
	1244		138			9499		128		
	1106		277			9371		253		
	3733	1244		1071		28494	9498		1078	
5.	2070		145			5952		147		
	1925		145			5805		147		
	1780		290			5658		294		
	5775	1925		1361		17415	5805		1372	
	10,139					40,493				

F.B. 1355 P.G. 22

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny Inst. No. 15011
Notes by P. Harrington Time 9:05-9:45 Rod No. 31-32

Name LAC. Precise Level Net
Job No. 030102
From BM34-37 To BM34-38
Date 2 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6506	10.137	187			4458	40.493	196		
6.	6319		188			4262		192		
	6131		375			4070		388		
	18956	6319		1736		12790	4263		1760	
	7951		184			3351		186		
7.	7767		186			3165		186		
	7581		370			2979		372		
	23299	7766		2106		9495	3165		2132	
	7218		188			3879		178		
8.	7030		192			3701		178		
	6838		380			3523		356		
	21086	7029		2486		11103	3701		2488	
	7471		183			3727		188		
9.	7288		186			3539		186		
	7102		369			3353		374		
	21861	7287		3855		10619	3540		2862	
	7259		186			3459		187		
10.	7073		184			3272		185		
	6889		370			3087		372		
	21221	7074		3225		9818	3273		3234	
	45.612					58.435				

F.B. [illegible] P.G. 2222

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by P. HARRINGTON Time 9:05 - 9:45 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-37 To BM 34-38
Date
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				3225					3234	
11.	7567	45.612	148			3442	58.435	155		B.M. 34-38 (U.S. 443 Palos Verdes Blvd and Via Anita See F.B. 1355-41
	7419		148			3287		156		
	7271		296			3131		311		
	22257	7419	3521			9860	3287	3545		
										Summation of Run From BM 34-37 To BM 34-38
										Total Back sights = +53.031
										" Fore sights = -61.722
										Diff. elev. = -8.691
										Backsight Stadia = 3521
										Foresight " = 3545
										Total " = 7066
										= .40
	53.031					61.722				

F.B. 1227 P.G. 223

76P526-CE 379—10-57

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Chief of Party F E Brooks Weather Sunny Inst. No. 150666
Notes by A R Workman Time 2:15 2:45 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 34-38 To BM 34-37
Date 2 Sept. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3552		153			7679		149		BM 34-38 (U.S. 4143)
	5399		157			7530		145		Palos Verdes Blvd and Via Anita
1	3242		310			7385		294		See F.B. 1365-41
	10193.3398			310		22594.7531			294	
	3557		186			7356		186		π LeGault
	3371		188			7170		186		
2	3183		374			6984		372		
	10111.3370			684		21510.7170			666	
	3790		185			7535		184		
	3605		185			7351		185		
3	3420		370			7166		369		
	10815.3605			1054		22052.7350			1035	
	3893		182			7223		183		
	3711		186			7040		183		
4	3525		368			6857		366		
	11129.3710			1422		21120.7040			1401	
	3399		186			8002		186		
	3213		185			7816		185		
5	3028		371			7631		371		
	9640.3213			1793		23449.7816			1772	
	12.295					36.907				
	6									

F.B. 2822 Pg 22

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 2:15 2:45 Rod No. 31-32

Name L.A.C. Precise Level 1½
Job No. 0301.02
From BM 34-38 To BM 34-37
Date 2 Sept. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4538	17.298	196	1793		6589	36.307	188	1772	
	4342		192			6401		186		
6	4150		388			6215		374		
	13030 4343			2181		19205 6401			2146	
	5881		140			2014		154		
	5741		140			1860		152		
7	5601		280			1708		306		
	17223 5741			2461		5582 1860			2452	
	10035		134			1981		131		
	9901		131			1650		131		
8	9770		265			1519		262		
	29706 9902			2726		4950 1650			2714	
	7968		122			2730		102		
	7846		119			2628		100		
9	7727		241			2528		202		
	23541 7.847			2967		7886 2628			2916	
	8816		104			0728		122		
	8712		101			0606		122		
10	8611		205			0484		244		
	26139 8713			3172		1818 0606			3160	
	53.94X					50.052				

F.B. 11477 P.G. 125

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15026
Notes by A.R. Workman Time 2:15 2:45 Rod No. 31-32

Name L.A.C. Precise Level Unit
Job No. 0301.02
From BM 34-38 To BM 34-37
Date 2 Sept 1960
Indexed H. E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8458	53.844	178	3172		3567	50.052	186	3160	BM 34-37 (U.S. 2903)
	8280		179			3381		183		Palos Verdes Dr. W. and Palos
11	8101		357			3198		369		Verdes Estates Malaga Cove
	24839 8279			3529		10146 3382			3529	Plaza see F.B. 1355-40
										Summation of Run
										From BM 34-38
										To BM 34-37
										Total Backsights = +62.124
										" Foresights = -53.434
										diff. elev. = +8.690
										+8.687
										Back sight Stadia = 3529
										Fore sight " = 3529
										Total " = 7058
										= .40 mi.

F.B. 2827 P.G. 22-26

62.124
1

53.434

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 9^45 -10:10 Rod No. 31-32

Name L.A.G. Precise Level Net
Job No. 0301.02
From BM 34-38 To BM Tor. 9-3
Date 2 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	6799		127			4292		125		BM 34-38
	6672		123			4167		127		Palos Verdes Dr. W Via Anita
	6549					4040				see F.B. 1355-41
	20020	6673	250	250		12499	4166	252	252	
2	1784		184			10657		186		
	1600		181			10471		188		
	1419					10283				
	4803	1601	365	615		31411	10470	374	626	
3	0871		186			11019		181		⊼ D. LE GAULT
	0685		184			10838		182		
	0501					10656				
	2057	0686	370	985		32513	10838	363	989	
4	1051		183			10318		183		
	0868		183			10135		183		
	0685					9952				
	2604	0868	366	1351		30405	10135	366	1355	
5	2971		221			7621		182		
	2750		219			7438		182		
	2531					7256				
	8252	2751	440	1791		22315	7438	365	1720	
		12.579					43.047			

F.B. 0877 P.G. 027

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 9:45 - 10:10 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 34-38 To BM Tor 9-3
Date August 1960
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
	3447	12.579	172			7691	43.049	196		
	3275		172			7495		196		
6	3103					7299				
	9825	3275	344	2135		22485	7495	392	2111	
	3808		104			8104		109		B.M. TOR. 9-3
	3704		102			7995		109		Palos Verdes Blvd and Palle Mayor
7	3602					7886				see. F.B. 2448-185
	11114	3705	206	2341		23985	7995	218	2329	
										Summation of Run
										From Bm 34-38
										To BM Tor 9-3
										Total Backsights = + 19.559
										" Foresights = -58.537
										diff elev. = -38.978
F.B. 2447 P.G. 128										Back sight Stadia = 2.341
										Foresight " = 2.329
										Total " = 4.670
										= .26 mi
	19.559					58.537				

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 1:50 - 2:10 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM Tor 9-3 To BM 34-38
Date 2 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7978		107			3689		108		BM Tor 9-3
	7871		103			3581		104		Palos Verdes Blvd and Calle
1	7768		210			3477		212		Mayor see F.B. 2448-185
	23617	7872		210		10747	3582		212	
	7551		184			3331		184		
	7367		185			3147		184		T LeGault
2	7182		369			2963		368		
	22100	7366		579		9441	3147		580	
	6939		184			2284		219		
	6755		184			2065		220		
3	6571		368			1845		439		
	20265	6755		947		6194	2064		1019	
	10761		200			1466		169		
	10561		199			1297		166		
4	10362		399			1131		335		
	31684	10561		1346		3894	1298		1354	
	11057		186			0.903		182		
	10871		183			0.721		182		
5	10688		369			0.539		364		
	32.616	10.872		1.715		2.163	0.721		1.718	
	43.426					10.812				

F.B. 2448 P.G. 229

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 1:50 - 2:10 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM Tab 9-3 To BM 34-38
Date 2 Sept. 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11186	43.426	185	1715		2315	10.812	184	1718	
	11001		185			2131		184		
6	10816		370			1947		368		
	33003	11001		2085		6393	2131		2086	
	4759		129			6764		124		BM 34-38 (U.S. #143)
	4130		128			6640		124		Palos Verdes Blvd and Via Anita
7	4002		257			6516		248		See F.B. 1355-41
	12891	4130		2342		19920	6640		2334	
										Summation of Run
										From BM ~~34~~ 9-3
										To BM 34-38
										Total Back sights = 58.557
										" Foresights = - 19.583
										diff elev. = +38.974
										Back sight Stadia: 2.342
										Foresight " = 2.334
										Total " = 4.676
										= .26 mi.
	58.557					19.583				

F.B. 2227 P.G. 130

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 10:00 - 10:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM Tor 9-3 To BM 34-39
Date 2 Sept 1960
Indexed H. E. ON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4351		102			6638		090		BM Tor. 9-3
	4249		106			6548		092		Palos Verdes Blvd and
1	4143					6456				Calle Mayor.
	12743	4248	208	208		19642	6547	182	182	See F.B. 2448-185
	2051		181			9972		190		
	1870		191			9782		190		
2	1689					9602				
	5610	1870	362	570		29376	9792	380	562	
	2180		185			9638		185		T. D. LEGAULT
	1995		185			9453		185		
3	1810					9268				
	5985	1995	370	940		28359	9453	370	932	
	1642		182			9283		1814		
	1460		185			9099		186		
4	1275					8913		0	2	
	4377	1459	367	1307		27295	9098	373	1305	
	1693		184			8919		186		
	1509		186			8733		182		
5	1323					8551		0		
	4525	1508	370	1677		26203	8734	368	1678	
	11.090					43.624				

F.B. 2447 P.G. 27

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F.E. Brooks Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 10:10 - 10:30 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM Tor 9-3 To BM 34-39
Date 2 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1774	11.080	173	1677		6780	43.624	180	0	BM 34-39
	1601		172			6600		180		Palos Verdes Blvd and Calle Miramar
6.	1429					6420				See F.B. 1355-42
	4804	1601	345	2022		19800	6600	360	2037	
										Summation of Run
										From BM Tor SS 9-3
										To BM 34-39
										Total Backsight = + 12.681
										" Foresight = - 50.224
										diff. elev. = - 37.543
										Backsight Stadia = 2022.
										Foresight Stadia = 2037
										Total " = 4.05 ft
										= .23 m.
	12.681					50.224				

F.B. 1227 P.G. 132

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 1:35 / 1:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-39 To BM Tor 9-3
Date 2 Sept. 1960
Indexed H.E.O.M.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6722		181			1719		175		BM 34-39
	6541		179			1544		174		Palos Verdes Blvd. and Calle
1	6362		360			1370		349		Miramar See F.B. 1355-42
	19625	6541		360		4633	1544		349	
	8949		185			1723		184		
	8764		184			1539		184		
2	8580		369			1355		368		
	26293	8764		729		4617	1539		717	
	9351		186			1708		186		
	9165		186			1522		183		
3	8979		372			1339		369		
	27495	9165		1101		4569	1523		1086	
	9067		185			1615		185		
	8882		183			1430		185		
4	8699		368			1245		370		
	26648	8882		1469		4290	1430		1456	
	9239		187			1313		184		
	9052		183			1129		183		
5	8869		370			0946		367		
	27160	9053		1839		3388	1129		1823	
	42.405					7.165				

F.B. 1355 P.G. 133

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 1:35 - 1:50 Rod No. 31-32

Name L.A.Co. Precise level Net
Job No. 0301.02
From BM 34-39 To BM Tor. 9-3
Date 7 Sept. 1960
Indexed H.F. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6554	42.445	086	1839		4275	9.163	106	1823	BM Tor. 9.3
6	6468		089			4169		109		Palos Verdes Blvd. and
	6379		175			4060		215		Calle Mayor
	19.401	6.467		2014		12.504	4.168		2038	see F.B. 2448-185
										T Le Gault
										Summation of Run
										From BM 34-39
										To BM Tor. 9.3
										Total Backsights = +48.872
										" Foresights = -11.333
										diff. elev. = +37.539
										Backsight stadia = 2.014
										Foresight " = 2.038
										Total " = 4.052
										= .23 mi
	48.872					11.333				

F.B. 2027 P.G. 234

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather SUNNY Inst. No. 25066
Notes by N. SMITH Time 10^35 11^20 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM34-39 To BM21-52
Date 2 Sept 1960
Indexed H. E. ON

Number of Station	BACKSIGHT Thread 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	0744		153			10986		167		BM 34-39 (US. 4144) Palos Verdes Blvd. and Calle Miramar See F.B. 1355-42
	0591		154			10819		167		
	0437					10652				
	1772	0591	307	307		32457	10,819	334	334	
2	1254		192			8530		179		
	1062		191			8351		178		
	0871					8173				
	3187	1062	383	690		25054	8,351	357	691	
3	2110		188			9868		188		
	1922		185			9680		186		
	1737					9494				
	5769	1923	373	1063		29042	9681	374	1065	
4	0693		133			11333		133		
	0560		132			11200		132		
	0428					11068				
	1681	0560	265	1328		33601	11,200	265	1330	
5	5908		158			9288		149		
	5750		159			9139		149		
	5591					8990				
	17249	5750	317	1645		27417	9139	298	1628	
		9.886					49.190			

F.B. 2827 P.G. 235

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by N. SMITH Time 10:35 - 11:20 Rod No 31-32

Name L.A. Co. Precise Level Net
Job No 0301.02
From BM 34-39 To BM 21-52
Date 2 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1645	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 1638	DESCRIPTION AND REMARKS
	0883	9.886	182			10565	49.190	187		
	0701		183			10378		189		
6	0518					10189				
	2102	0701	365	2010 ✓		31132	10377	376	2004 ✓	
	3313		183			0848		202		
	3130		183			0646		198		
7	2947					0448				
	9390	3130	366	2376 ✓		1942	0647	400	2404 ✓	
	~~4011~~		189			1885		177		
	3822		185			1708		177		
8	3637					1531				
	11470	3823	374	2750 ✓		5124	1708	354	2758 ✓	
	9402		110			1300		111		
	9292		109			1189		110		
	9183					1079				
9	27877	9292	219	2969 ✓		3568	1189	221	2979 ✓	
	9231		111			2151		111		
	9120		111			2040		112		
	9009					1928				
10	27360	9120	222	3191 ✓		6119	2040	223	3202 ✓	
	35.952					65.151				

F.B. 2287 P.G. 236

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by N. SMITH Time 10:35 - 11:20 Rod No. 31-32

Name L.A.Co. PRECISE LEVEL NET
Job No. 030-02
From BM 34-39 To BM 21-52
Date 9-2-60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7951	35.952	184			6065	65.151	185		Summation of Run
	7767		185			5880		185		From BM 34-39
	7582					5695				To BM 21-52
11	23300	7767	369	3560		17640	5880	370	3572	
	1729		189			9718		185		Total Backsights = 48.241
	1540		188			9533		182		" Foresights = -93.706
	1352					9351				diff elev. = -45.465
12	4621	1540	377	3937		28602	9534	367	3939	
	1065		185			9712		184		Backsight Stadia = 4.563
	0880		185			9528		186		Foresight " = 4.577
	0695					9342				Total " = 9.140
13	2640	0880	370	4307		28582	9527	370	4309	= .562
	2233		131			3748		135		B.M. 21-52 (U.S. 4144)
	2102		131			3613		133		Pacific Coast Hwy and
	1971					3480				Hollywood Palos Verdes Parkway
14	6306	2102	262	4569		10841	3614	268	4577	See F.B. 1391-52

F.B. 2277 P.G. 237

48.241 93.706

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 11:25 - 11:30 Rod No. 31-32

Name L.A. Co. Precise level Net
Job No. 0302.01
From B.M. 21-52 To B.M. 34-39
Date 2 Sept. 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	3761		133			2250		132		BM 21-52 (U.S. 4144) Pacific Coast Highway and Hollywood Palos Verdes Parkway See F.B. 1391-52 T LeGault
	3628		133			2118		133		
	3495		266			1985		265		
	10884	3628		266		6353	2117		265	
2	9724		184			1079		186		
	9540		185			0893		185		
	9355		369			0708		371		
	28619	9539		635		26800893			636	
3	9751		184			1760		185		
	9567		186			1575		185		
	9381		370			1390		370		
	28699566			1005		4725 1575			1006	
4	5971		183			7860		187		
	5788		187			7673		184		
	5601		370			7489		371		
	17360578	4		1375		23022 7674			1377	
5	2147		112			9227		112		
	2035		112			9115		111		
	1923		224			9004		223		
	6105	2035		1599		27346	9115		1600	
	30.55					41.374				

F.B. 1391 P.G. 138

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 11:25 - 1:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 030.07
From BM 21-57 To BM 34-39
Date 2 Sept. 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread 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	1302	30.554	110	1599		9408	21.374	110	1600	
	1192		110			9298		109		
	1082		220			9189		219		
	3576 1192			1819		27895 9298			1819	
7	1980		187			4087		179		
	1793		186			3908		177		
	1609		373	0		3731		356		
	5382 1794			2192		11726 3908			2175	
8	0861		201			3328		186		
	0660		199			3142		186		
	0461		400	0		2956		372		
	1982 0660			2592		9426 3142			2547	
9	10348		186			0676		188		
	10162		184			0488		188		
	9978		370	69		0300		376		
	30488 10162			2952		1464 0488			2923	
10	9064		141			5700		167		LUNCH 1 hr.
	8923		140			5533		164		
	8783		281	41		5369		331		
	26770 8923			3243		16602 5534			3254	
	53.284					43.744				
	6									

F.B. 1997 P.G. 239

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 11:25 - 1:30 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM21-52 To BM34-39
Date 2 Sept 1960
Indexed H.E. ~~OH~~

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11385	53.285 6	134	3243 1		0748	43.744	135	3254	Summation of Run
	11251		131			0613		133		From BM21-52
11	11120		265 2			0480		268		To BM34-39
	33752	11,253		3508 6		1841	0613		3522	
	9805		185			2048		186		Total Backsights = + 93.427
12	9620		185			1862		184		" Foresights = -47.972
	9435		370			1678		370		diff. elev. = +45.455
	28860	9620		3878		5588	1862		3892	
	8700		188			1408		183		Backsight Stadia = 4.585 3
	8512		186			1225		183		Foresight Stadia = 4.565 1
13	8326		374			1042		366		Total Stadia = 9.1~~50~~ 48
	25538	8512		4252 0		3675	1225		4258	= .52
	10923		165			0682		154		BM34-39 (U.S. 4144)
	10758		168			0528		153		Palos Verdes Blvd and Calle
14	10590		333			0375		307		Miramar
	32271	10,757		4585 3		1585	0528		4565	See F.B. 1355-42

93.427 47.972

F.B. 2877 P.G. 240

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Cloudy Inst. No. 15066
Notes by G. R. Esquer Time 9:05 - 9:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-2 To BM 34-3
Date 18 OCT 60
Indexed H. E. OTT OCT 14 '60

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
										J.N. 0301.02 L.A. Co. PRECISE LEVEL NET RERUN of LINE # 34 From BM 34-2 To BM 34-3

F.E. Brooks
D. Lefault
R.R. Rodriguez
G.P. Alwin
G.R. Esquer

F.B. 2827 P.G. 241

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Cloudy Inst. No. 15066
Notes by G R Esquer Time 9:05-9:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-2 To BM 34-3
Date 18 OCT 60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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.	6669		.100			5638		.098		BM 34-2
	6569		.098			5540		.096		Pacific Ave and 20th St.
	6471		.198			5444		.194		See F. B. 1355-B
	19709	6.570		.198	68°	16622	5.541		.194	
2.	4886		.188			5765		.186		↑ LeGault
	4698		.188			5579		.188		
	4510		.376			5391		.374		
	14094	4.698		.574		16735	5.578		.568	
3	4830		.188			5837		.188		
	4642		.185			5649		.189		
	4457		.373			5460		.377		
	13929	4.643		.947		16946	5.649		.945	
4	5411		.188			5044		.187		
	5223		.186			4857		.187		
	5037		.374			4670		.374		
	15671	5.224		1.321		14571	4.857		1.319	
5.	5210		.189			4270		.189		
	5021		.186			4081		.188		
	4835		.375			3893		377		
	15066	5.022		1.696		12244	4.081		1.696	
		26.167	✓	-			25.706	✓	-	

F.B. 2827 P.G. 242

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Cloudy Inst. No. 15066
Notes by G.R. Esquer Time 9:05-9:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 34-2 To BM 34-3
Date 13 OCT 50
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5270	26.167	.051	1.696		6369	25.706	.054	1.696	BM 34-3
6.	5219		.051			6315		.055		Pacific Ave and Hamilton Ave
	5168		.102			6260		.109		
	15.657	5.219		1.798		18.944	6.315		1.805	see F.B. 1355-9
										Summation of Rod From B.M. 34-2 To B.M. 34-3
										Total Backsights = + 31.376 Total Foresights = — 32.021 Diff. Elev. = - 0.645
										Backsight stadia = 1.798 Foresight Stadia = 1.805 Total Stadia = 3.603 = .20 mi.
										F.B. 2727 P.G. 43
	31.376					32.021				

76P526-CE 379—10-57

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

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

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

F.B. 2927 PG. 244

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

Survey of
JN Tape Std of
Surveyed by
Notes
Indexed

F. B. / PG.

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 on this side of this line.

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763098 CE #247—7-53

2827

F. B. _____ PG. _____