Notes Ck'd by	L. A. CO. PRECISE LEVEL NET P. 2/373 Pg. 3
Map No.	Survey
Office Work	W. O.
Checked	Surveyed by G. E. DREIER
Date	Notes G. E. DREIER
	Indexed E. C. Johnson 2-7-56

JOB No. 0301.02

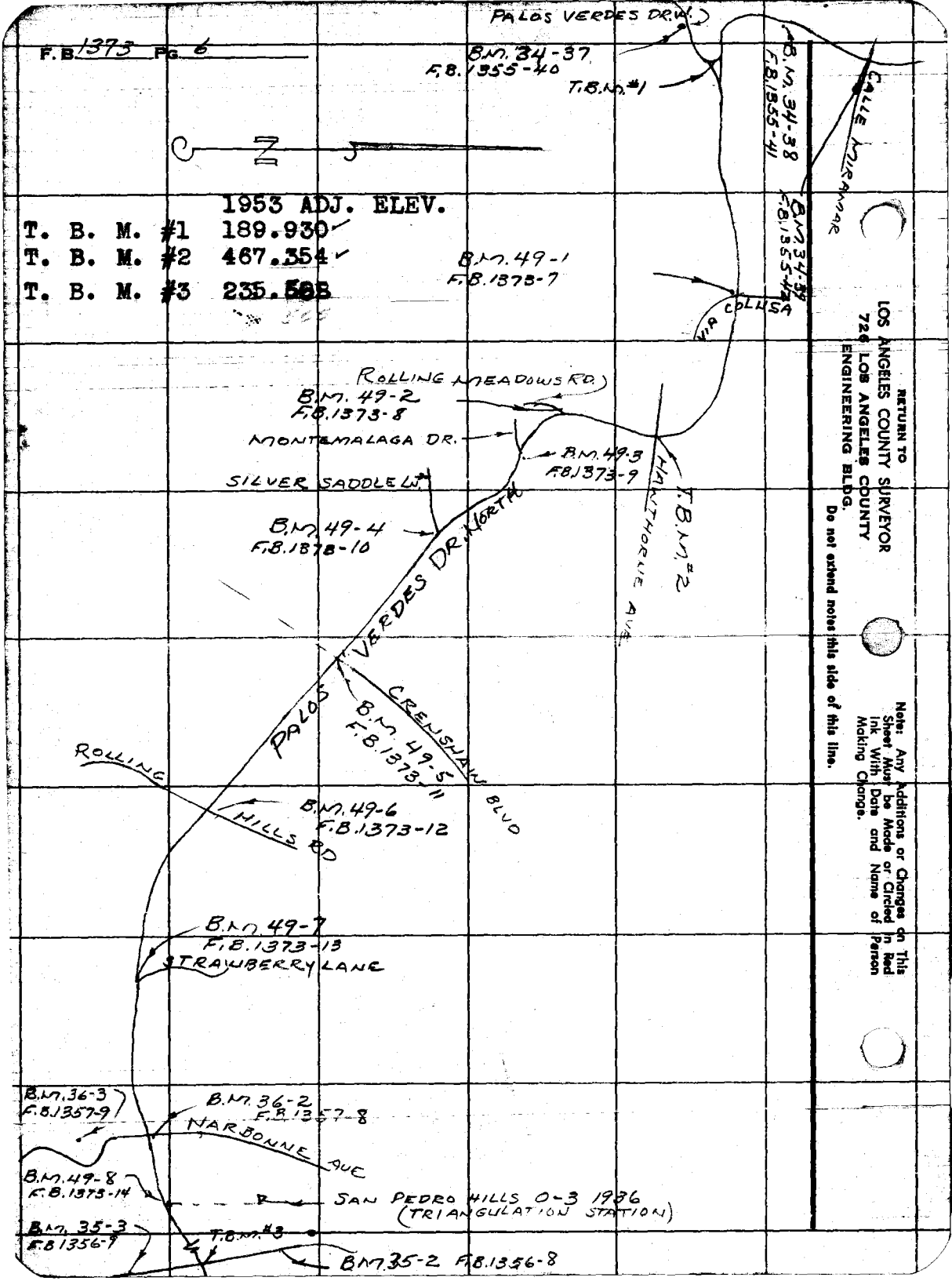
L.A. Co. PRECISE LEVEL NET

LINE No. 49

PALOS VERDES DRIVE, NORTH
FROM PALOS VERDES DR., WEST
TO WESTERN AVE.

DREIER
MOODY
SONNENSCHEIN
RODRIGUEZ
MELENDEZ

F.B. 1373 Pg. 6



1953 ADJ. ELEV.

T. B. M. #1	189.930
T. B. M. #2	467.354
T. B. M. #3	235.588

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726 LOS ANGELES COUNTY
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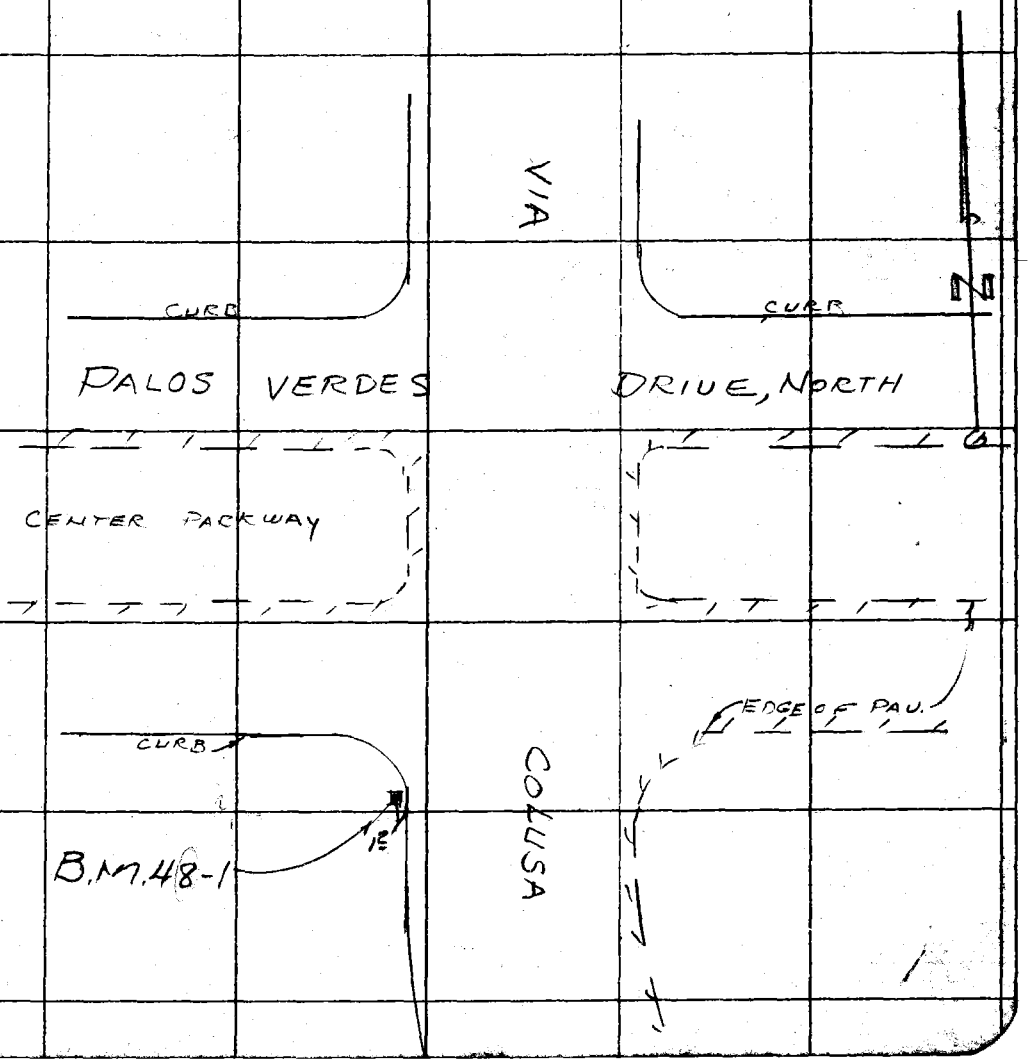
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET	F.B. 1373 Pg. 9
Map No.	W.O. 0301.02 Tape No. St'd. °F	
Office Work	Surveyed by G.E. Dreier	
Checked	Notes G.E. Dreier Date 11-30-55	
Date	Indexed A. C. Johnson	

B.M. 49-1

~~PALOS VERDES ESTATES, AT S.W. COR. OF WATER~~

SECTION OF PALOS VERDES DRIVE N. AND VIA COLUSA, 1.2' FT. BACK OF CURB, AT S. END OF CURB RETURN, A. L.A. Co. Engr. 2½ Brass Cap ~~(A. STD. CO. SUR. BRASS CAP~~ STAMPED, "B.M. 49-1 1955 R.E. 5869" IN TOP OF A 12 INCH SQ. CONC. POST, FLUSH WITH TOP OF CURB. **1953 ADJ. ELEV. 374.981**



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76F3093 S&E #247. 8-54

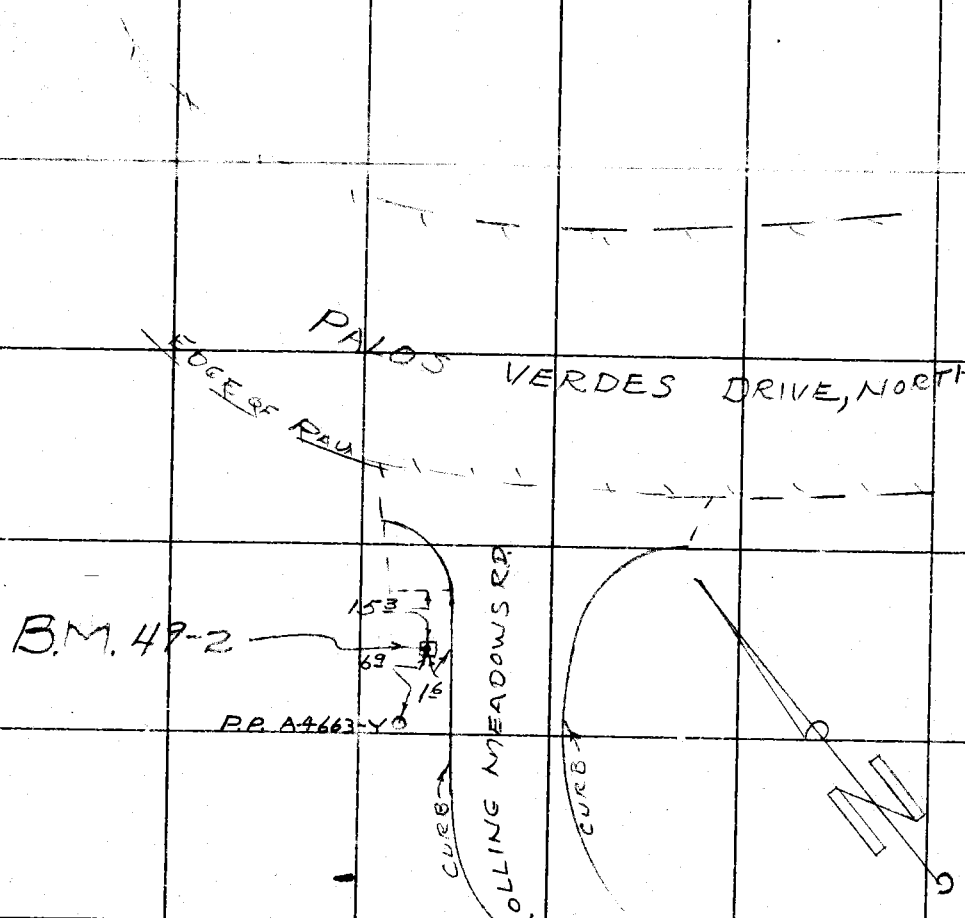
F.B. 1373 PG. 8

B.M. 49-2

PALOS VERDES AREA, AT SW. COR. OF INTERSECTION OF PALOS VERDES DRIVE N., AND ROLLING MEADOWS ROAD, 1.6 FT. BACK OF CURB, 15.3 FT. S. OF S. END CURB RETURN, A ~~STD. C.S. BRASS CAP~~ L.A. Co. Engr. 2½" Brass Cap set in a 12" sq conc. post STAMPED B.M. 49-2 1955 R.E. 5869" FLUSH WITH TOP OF THE CURB.

1953 ADJ. ELEV. 485.680 ✓

F.E.B. 28 July 1964



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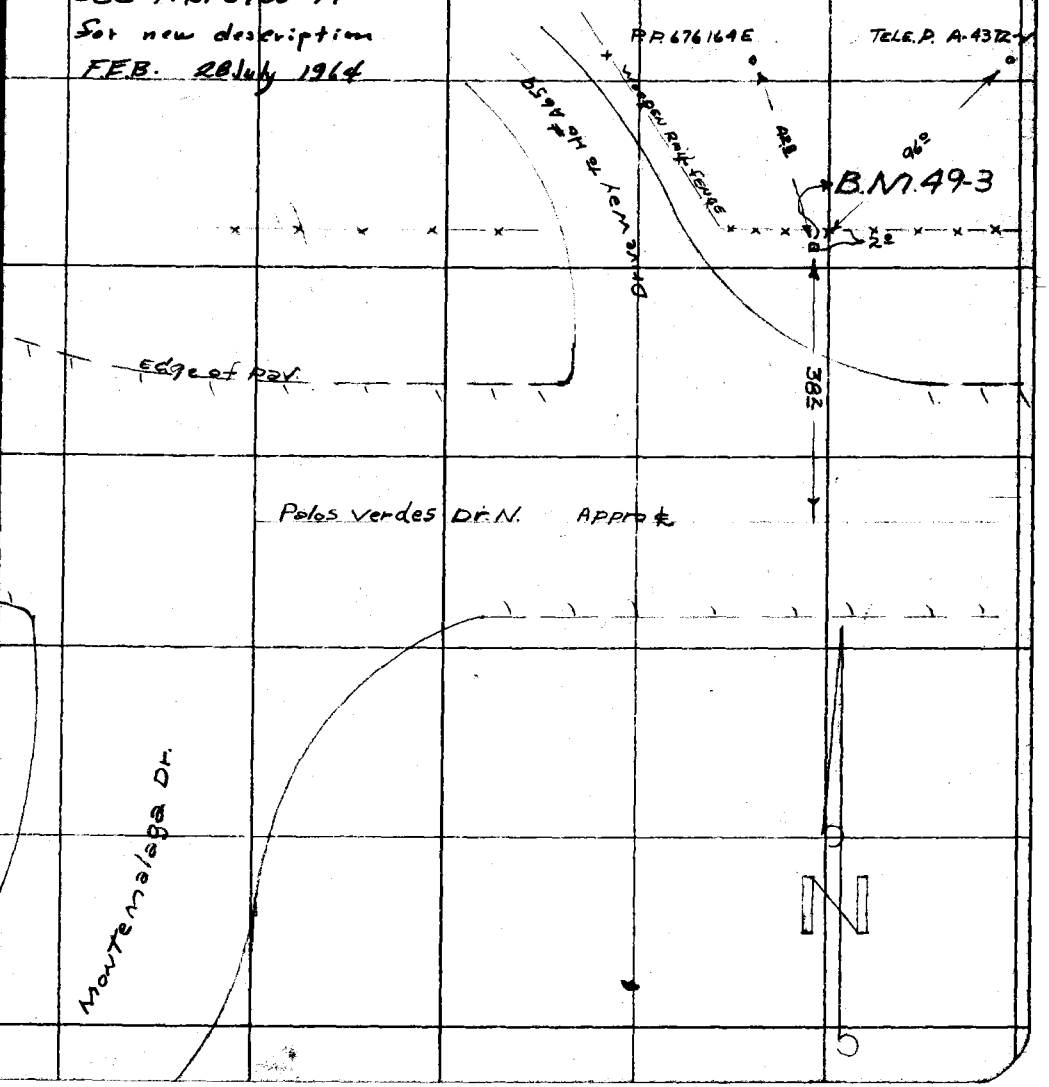
Notes Ck'd by	L.A. CO. PRECISE LEVEL NET	F. B 1373 Pg. 9
Map No.	Survey of 0301.02 W. O. Tape No. St'd. °F	
Office Work	Surveyed by G. E. DREIER	
Checked	Notes J A Moody Date 12-6-55	
Date	Indexed E. C. Johnson	

B.M. 49-3

Palos Verdes Area, ± 132.5' ft. S'ly of inter of Palos Verdes Dr. N. & Montemalaga Dr., 38.2' ft. N'ly of Approx ℄ of Palos Verdes Dr. N., 2.0' S'ly of 4' wood rail fence, A Std. C.S. Brass Cap Stamped "B.M. 49-3 1955 R.E. 5869" flush with ground.

1953 ADJ. ELEV. 503.409

See F.B. 3700-17
for new description
F.E.B. 28 July 1964



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76F309S S&E #247. 8-54

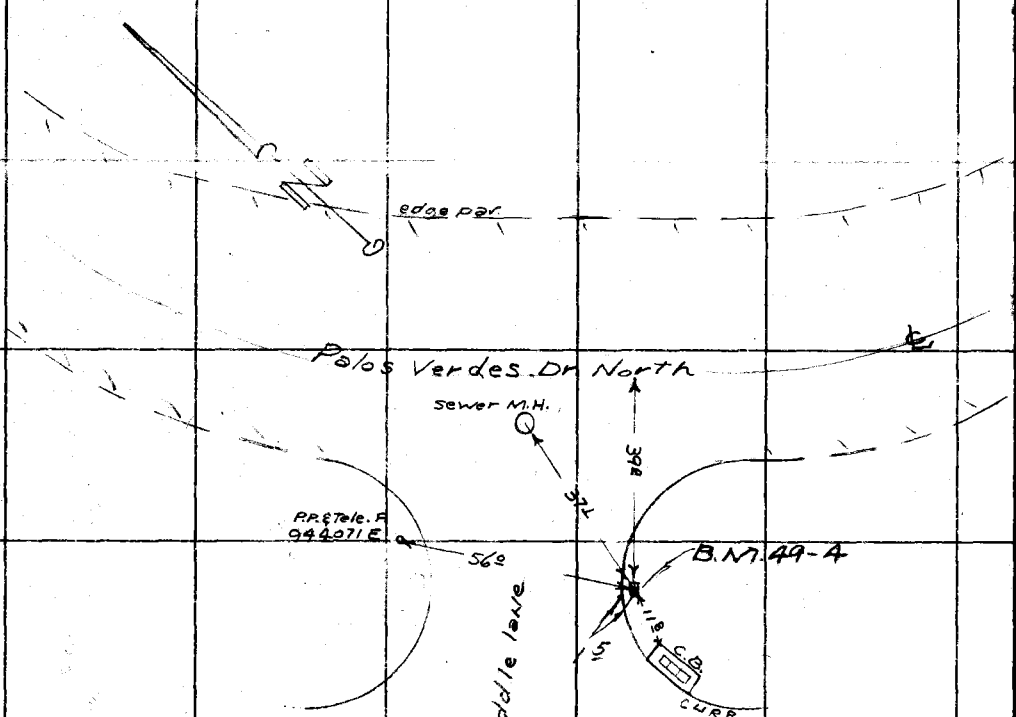
F.B. 1373 Pg. 10

B.M. 49-4

Palos Verdes Area, ±42.7 ft S.E'ly of inter Palos Verdes Dr. N. & Silver Saddle lane, 39.8' ft S.W'ly of Approx. ℄ of Palos Verdes Dr. N., 56.8' ft S.E'ly of P.P. & Tele. P. # 944071 E, 37± S'ly of sewer M.H., A STD. C.S. Brass cap stamped "B.M. 49-4 1955 R.E. 5869", flush with top of curb, 1.5' ft back of curb.

1953 ADJ. ELEV. 465.827

See F.B. 3700-19
for New Description
F.E.B. 28 July 1964



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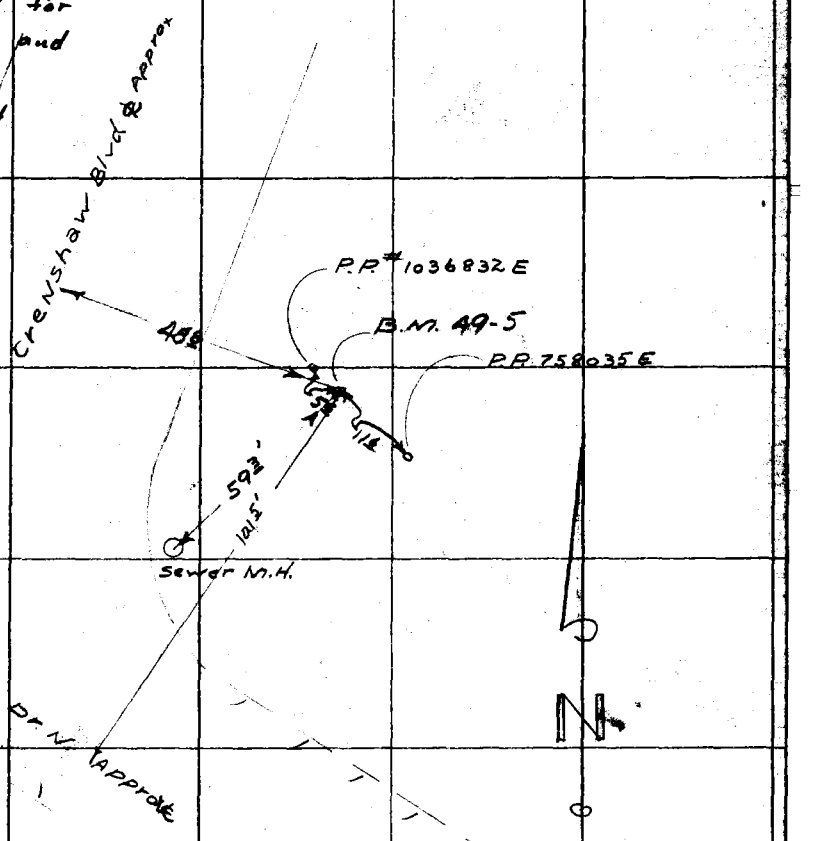
Notes Ck'd by	Survey of L. A. CO PRECISE LEVEL NET	F. B. 1575 Pg. 11
Map No.	W. O. 030102 Tape No. St'd. °F	
Office Work	Surveyed G. E. DREIER	
Checked	Notes J. A. Moody Date 12-7-55	
Date	Indexed R. C. Johnson	

B.M. 49-5

Palos Verdes Area, at N.E. cor. of Crenshaw Blvd & Palos Verdes Dr. N. 48.2'ft. S.E'ly of Approx. ℄ of Crenshaw Blvd., 101.5' N.E'ly of Palos Verdes Dr. N., 5.6'ft. S.E'ly of P.P.# 1036832 E, 59.3'ft. N.E'ly fm center of Sewer M.H. cov. which is located at N.E. cor. A. Std. C.S. Brass Cap stamped "B.M. 49-5 1955 R.E. 5869" flush with ground,

1953 ADJ. ELEV. 422.375

See F.B. 3700-21 for new description and new BM 49-5A
FEB 29 July 1964



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76F3095 S&E #247, 8-54

F.B. 1373 PG. 12

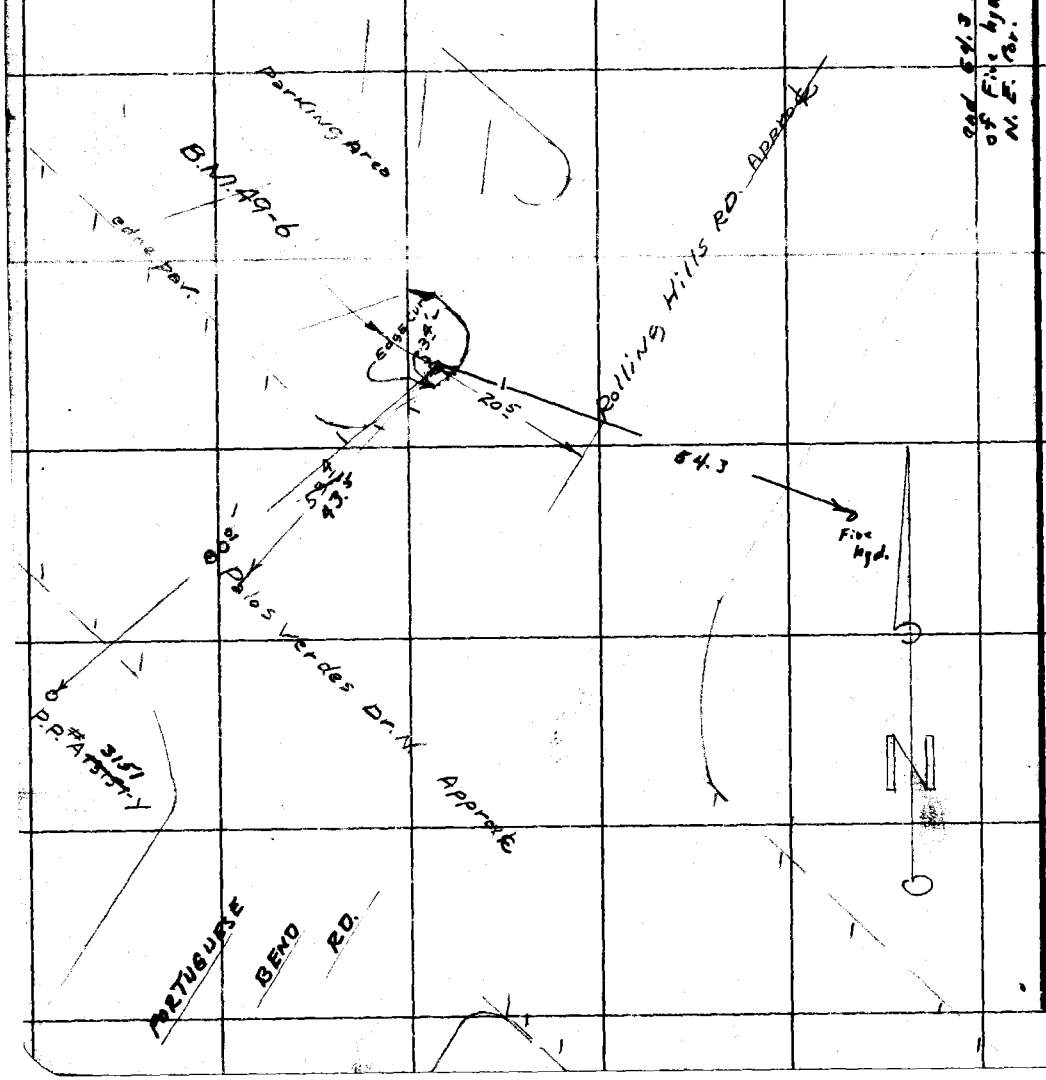
B.M. 49-6

PORTUGUESE BEND RD.

Palos Verdes Area, N.W. Cor of Palos Verdes Dr. N. & Rolling Hills RD., 20.5' FT. N.W. of Approx. ℄ of Rolling Hills RD., 43.5 ~~534~~ FT. N.E. of Approx ℄ of Palos Verdes Dr N., 80.0' FT. N.E. of P.P.# A 3151 ~~13151~~-Y, 3.4' FT. N'Ly of S'Ly edge of curb, L.A. Co. A ~~STD.~~ Engr. 2½" ~~C.S.~~ Brass Cap Stamped "B.M. 49-6 1955 R.E. 5869" flush with curb.

1953 ADJ. ELEV= 473.900'

F.F.B
29 July 1964



Add 54.3 ft. N.W. of Fire hyd on N.E. Cor.

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Notes Ck'd by	L. A. CO. PRECISE LEVEL NET
Map No.	Survey of
Office Work	W. O. ___ Tape No. ___ St'd. ___ °F
Checked	Surveyed by G. E. DREIER
Date	Notes J. A. Moody Date 12-8-55
	Indexed R. C. Johnson

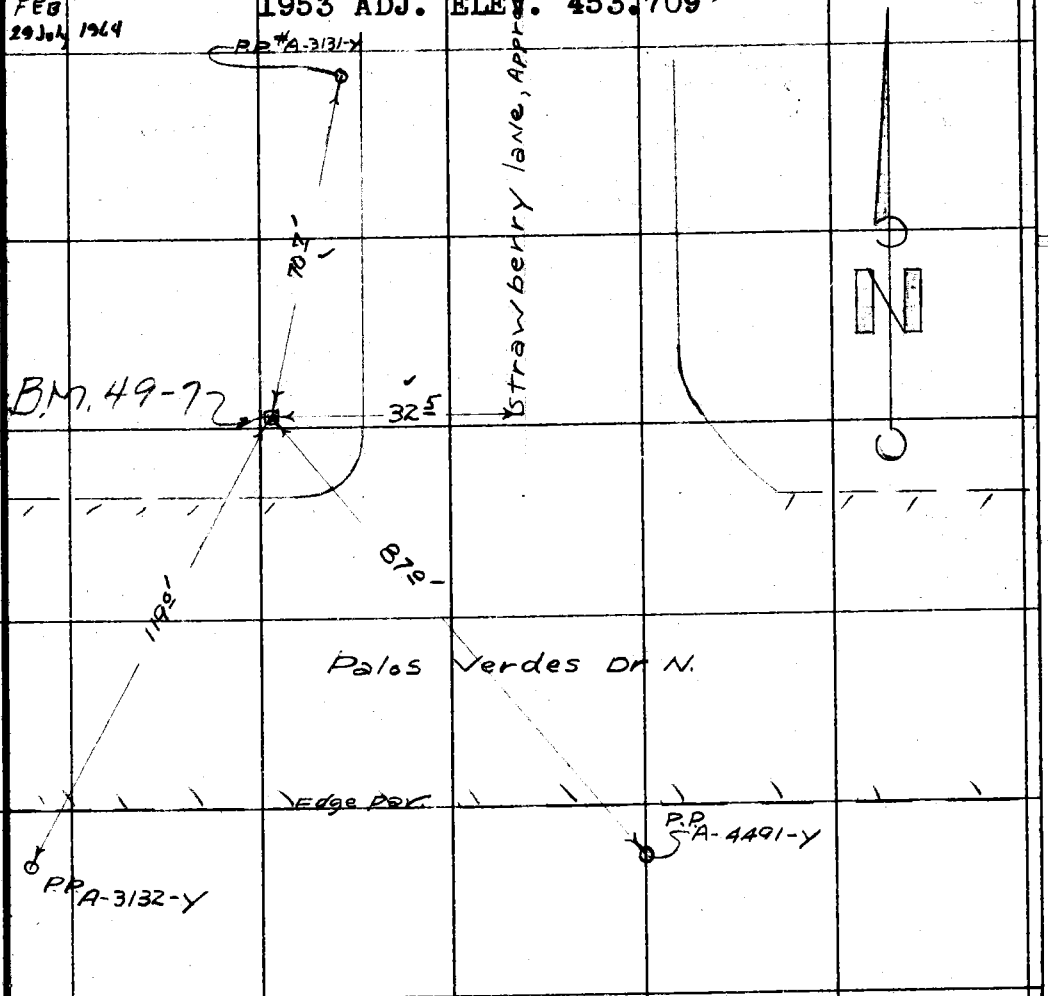
F. B. 1373 Pg. 13

B.M. 49-7

Palos Verdes Area, N.W. cor of Palos Verdes Dr. N. & Strawberry lane, 32.5' ft. W. of Appro ℄ of Strawberry lane, 70.7' ft. S. of P.P.# A-3131-Y, 87.0' N.W. of P.P.# A-4491-Y, 119.0' ft. N.E. of P.P.# A-3132-Y, A ~~Sta~~ L.A. Co. Engr. 2 1/2" ~~C.S.~~ Brass Cap Stamped "B.M. 49-7 1955 R.E 5869" ~~flush~~ 2" dn. ~~with~~ ground.

1953 ADJ. ELEV. 453.709

FEB 29 July 1964



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76F3099 S&E #247. 6-54

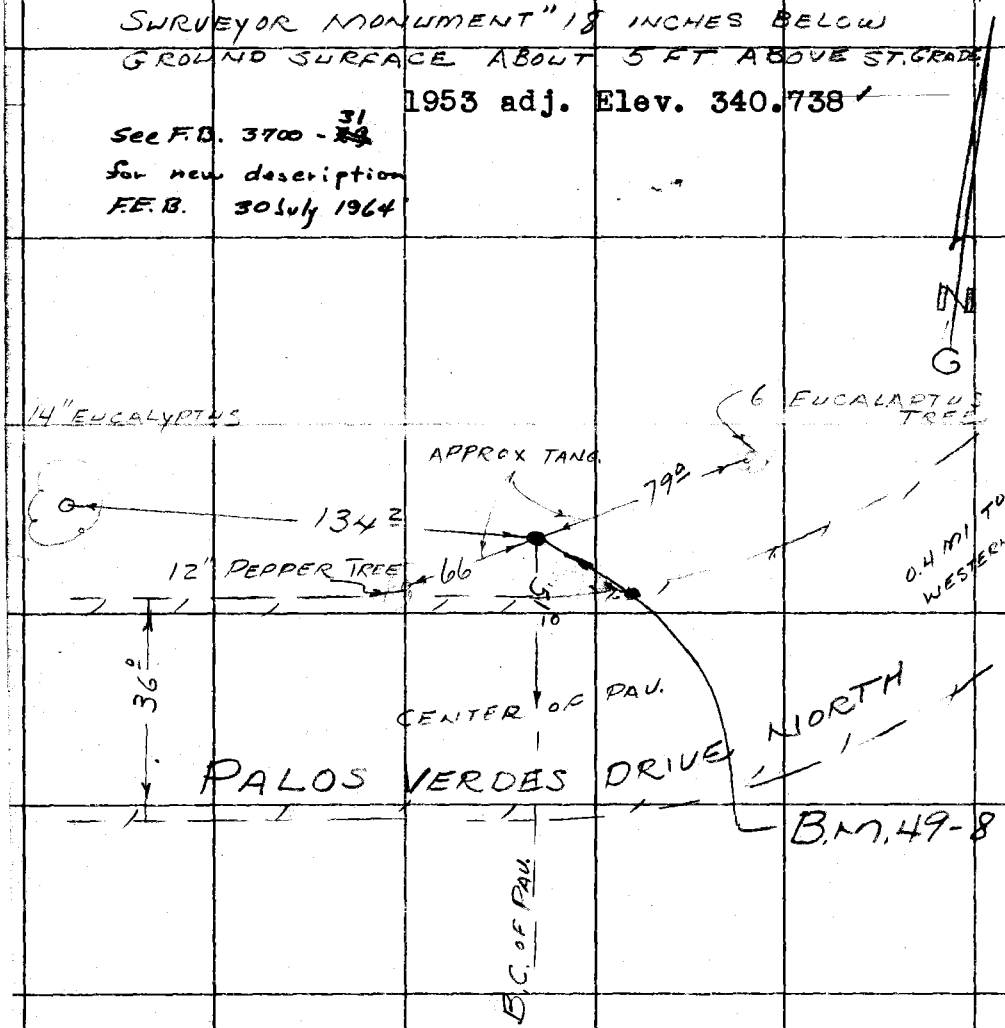
F.B. 1373 PG. 14

B.M. 49-8

PALOS VERDES DR. NORTH, 0.4 MILE WEST OF WESTERN AVE., AT TOP OF HILL, 51 FT NORTH OF CENTER OF PAVEMENT, ON APPROX. B.C. OF CURVE, 66 FT. N.E. OF A 12 INCH PEPPER TREE, 134.2 FT., W. OF A 14" EUCALYPTUS TREE. A STD. PRECAST MONUMENT STAMPED "COUNTY SURVEYOR MONUMENT" 18 INCHES BELOW GROUND SURFACE ABOUT 5 FT ABOVE ST. GRADE.

1953 adj. Elev. 340.738

See F.B. 3700 - ~~32~~ 31
for new description
F.E.B. 30 July 1964



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76P526 S & E #379 1-54

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Chief of Party S. Moody Weather OVERCAST Inst. No. 50010
Notes by R. Rodriguez Time 1:00 to 2:20 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.12
From B.M 34-30 To B.M 34-38
Date 12-7-55
Indexed C. Johnson 2-1-56

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3459		187		#11	8598		194		B.M 34-37 (G-169) (U.S. 3963) PALOS
	3272		190			8404		192		VERDES ESTATES COVE PHASE
	3082		377			8212		188		NW'ly side of large Fountain
1	9813	3271		377	66°	25214	8405		386	See F.B. 1855-40 for DESC.
	1447		108			9862		104		
	1339		104			9758		101		
	1235		212			9657		205		
2	4021	1340		589		29277	9759		591	
	1378		093			9453		085		
	1285		0931			9368		085		
	1192		186			9563		190		
3	3855	1285		775		28944	9648		761	
	2241		055			7741		056		
	2212		055			7685		056		
	2157		110			7629		111		
4	6625	2213		885		23055	7685		872	
		8.108					35.497			T.B.M. #1
										PALOS VERDES DR. W., W. SIDE
										ON W'LY PROD OF APPROX &
										OF PALOS VERDES DR. N.
										B.SPK IN CURB

DIFF. IN ELEV. B.M. 34-37 TO T.B.M. + 8.108 − 35.497 − 27.389

F.B. 1373 PG. 19

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 34-37 To BM 34-38
Date [illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3858		194	885		9.036		193	872	
	3664		193			8.843		192		
	3471		387			8.653		383		
5	10,993	3,664		1272		26532	[illegible]		1255	
	2482		192			2519		188		
	2295		192			2331		190		
	2103		384			2141		378		
6	21835	[illegible]		1656		[illegible]	[illegible]		1633	
	7824		191			3388		190		
	7673		192			3198		187		
	7481		383			3011		377		
7	23018	7673		[illegible]		9597	[illegible]		2010	
	7148		195			3532		192		
	[illegible]		191			3338		189		
	[illegible]		386			[illegible]		381		
8	20863	[illegible]		[illegible]		10017	3339		[illegible]	
	7585		187			3725		193		
	7398		190			3532		193		
	7208		377			3339		386		
9	22191	7397		2802		10,596	3,532		2777	
		32,983					[illegible]			

F.B. 1373 P.G. 20

76P526 S & E #379 1-54

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Chief of Party: J. Moody Weather: OVERCAST Inst. No.: 50010
Notes by: R. Rodriguez Time: 1:00 to 2:20 Rod No.: 11812

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301 02
From: B.M. 34-37 To: B.M. 34-38
Date: 12-2-55
Indexed: E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.499	32.983	202	2802		1.542	31.204	204	2777	
	8.297		202			1.338		203		
	8.095		404			1.135		407		T.B.M.#1 to B.M. 34-38
10.	24.891	8.297		3206		4.015	1.338		3184	
		41.280					22.582			

+41.280
-22.582
T.B.M.#1 to B.M. 34-38 +18.698

B.M. 34-38 (L.S. 4143 F-781)
PALOS VERDES BLVD 145' N. OF
VIA ANITA
SEE F.B. 1355-41 FOR DESC.

SUMMATION OF RUN

B.M. 34-37 to T.B.M.#1 -22.389
T.B.M.#1 to B.M. 34-38 +18.698
B.M. 34-37 to B.M. 34-38 -3.691

41.280 22.582

F.B. 1373 PG. 21

76P526 S & E #379 1-54

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Chief of Party J. A. Moody Weather Overcast Inst. No. 50010
Notes by R. Rodriguez Time 1100 to 2200 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-37 To BM 34-38
Date 12-7-55
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
F.B. 1373 P.G. 22										

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. Moody Weather OVERCAST Inst. No. 50010
Notes by R. Rodriguez Time 2:20 to 3:20 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 34-38 To B.M. 34-37
Date 12-7-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	1.511 1.305 1.101 3.917	1.306	206 204 410	410	#11	8.468 8.262 8.059 24.789	8.263	206 203 409	409	B.M. 34-38 (U.S.C.&G.S.) (F. 781) (U.S. 4143) Palos Verdes Blvd. 45' N. of Via Anita See F.B. 1355-4 for Desc.
2	3.468 3.374 3.382 [illegible]	[illegible]	192 192 386	796		7.628 7.438 7.251 22.317	7.439	190 187 377	786	⊼ J. Moody
3	3.622 3.435 3.248 [illegible]	[illegible]	187 187 374	1170		7.247 7.052 6.858 [illegible]	7.052	195 194 389	1175	
4	3.471 3.279 3.092 9.842	3.281	192 187 379	1549		7.947 7.753 7.563 23.263	7.754	194 190 384	1559	
5	2.722 2.533 2.343 7.598	2.533	189 190 379	1928		7.691 7.498 7.305 22.494	7.498	193 193 386	1945	
		14.130					38.006			

F.B. 1373 P.G. 23

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. Moody Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 34-38 To B.M. 34-37
Date 12-7-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	8.871 8.648 8.488 26.037	8.679	193 190 383	1928 2311		8.672 3.498 3.302 [illegible]	[illegible]	194 196 390	1945 2335	+22.809 -41.503 34-38 TO T.B.M. #1 -18.694
		22.829		2311					2335	T.B.M. #1 PALOS VERDES DR. W., W. SIDE, B. SPK IN CURB ON APPROX. ℄ PROD OF PALOS VERDES DR. N.
7	7.842 7.785 7.731 23.358	7.786	054 054 111	[illegible]		[illegible] [illegible] [illegible] 6.939	[illegible]	[illegible] [illegible] 110	2445	
8	9.698 9.615 9.532 [illegible]	[illegible]	083 083 168	2591		[illegible] [illegible] [illegible] [illegible]	[illegible]	092 093 185	2630	
9	9.833 9.731 9.628 29.192	9.731	102 103 205	2796		[illegible] 1.312 1.207 3.937	1.312	[illegible] [illegible] [illegible]	2841	
		27.132					6			

F.B. 1373 P.G. 24

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather OVERCAST Inst. No. 50010
Notes by P. Rodriguez Time 2:20 to 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030[illegible]
From BM 34-38 To BM 34-37
Date 12-7-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.699	27.32	200	2096		3549	4876	184	2841	B.M. 34-37 (G169) (US 2903) PALOS
	8499		190			3365		180		VERDES ESTATES COVE PLAZA
	8.302		397			3185		364		NWly side of large FOUNTAIN
10	8500	8500		3193		10.099	3366		3205	SEE F.B. 1355-40 FOR DESC.
										+35.632
										-8.242
										+27.390
										SUMMATION OF RUN
							B.M. 34-38 TO T.B.M. #1			-18.694
							T.B.M. #1 TO B.M. 34-37			+27.390
							B.M. 34-38 TO B.M. 34-37			+8.696
		35.632					8.242			

F.B. 1373 PG 25

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. A. Moody Weather Inst. No.
Notes by R. Rodriguez Time Rod No.

Name
Job No. 23.01.02
From BM 34-38 To BM 34-37
Date 12-7-55
Indexed

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

F.B. 373 P.G. 26

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather CLEAR Inst. No. 50010
Notes by R. Rodriguez Time 8:30 to 10:30 Rod No. 11912

Name L. A. CO. PRECISE LEVEL NET
Job No. 030109
From BM 34-38 To BM 34-39
Date 12-12-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.663		186		#11	7.268		190		B.M. 34-38 (U.S.C.&G.S.)(A-781)(U.S.4193)
	7.477		185			7.078		191		Palos Verdes Blvd, 145' N. of via
	2.292		371			6.887		381		Anita
1	24.32	7.477		371	66°	21.233	7.078		381	See F.B. 1355-41 for Desc.
	1.262		130			9.468		136		
	1.132		130			9.332		134		
	1.602		260			9.198		270		J. Moody
2	5.196	1.732		631		28.998	9.333		651	
	1.547		144			9.617		145		
	1.403		141			9.472		145		
	1.262		1.285			9.327		1.290		
3	4.212	1.404		916		28.416	9.472		941	
	1.887		132			9.119		131		
	1.755		131			8.988		130		
	1.624		263			8.858		1.261		
4	[illegible]	[illegible]		1179		26.965	8.988		1202	
	1.725		187			7.975		183		
	1.538		187			7.792		185		
	1.351		374			2.607		368		
5	4.614	1.538		1553		23.374	7.791		1570	
		13.906					42.662			

F.B. 373 P.G. 27

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather CLEAR Inst. No. 20010
Notes by R. Rodiguez Time 8:30 to 10 Rod No. HF 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From 34-38 To BM 34-39
Date 12-12-55
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3928	13906	190	15531		11844	[illegible]	186	15110	
	3738		186			7658		182		
	3552		376			7476		368		
6	11218	3739		1929		22978	[illegible]		1938	
	2725		197			8939		200		
	2528		196			8739		200		
	2332		393			8539		400		
7	7585	2528		2322		26217	8739		2338	
	1405		193			9723		185		
	1212		193			9538		187		
	1019		386			9351		372		
8	3636	1212		2208		28612	9537		2710	
	1755		183			9399		186		
	1572		180			9213		185		
	1392		363			9028		371		
9	4219	1573		3071		27640	9213		3081	
	1912	829	187			9419	9410	181		
	1725		187			9238		180		
	1538		374			9058		361		
10	5175	1725		3445		27715	9238		3442	
		24683					87048			

F.B. 1373 P.G. 28

76P526 S & E #379 1-54

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Chief of Party J. A. Moody Weather CLEAR Inst. No. 50010
Notes by R. Rodriguez Time 8:30 to 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-38 To BM 34-39
Date 12-12-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.675	2.4683	1.83	3445		9.153	8.7048	1.81	3442	
	1.492		1.85			8.972		1.84		
	1.307		1.368			8.788		1.365		
11.	4.474	1.491		3813		26.913	8.971		3807	
	1.499		1.97			8.168	8.519	1.96		
	1.302		1.97			7.972		2.00		
	1.105		1.394			7.772		1.396		
12.	3.906	1.302		4207		23.912	7.971		4203	
							103.980			B.M. 34-39 Palos Verdes Blvd & Calle Miramar, 39.6' E. of E. Curb
										See F.B. 1355-42 for desc.
										SUMMATION OF RUN, B.M. 34-38 TO B.M. 34-39
										TOTAL BACKSIGHTS 27.476
										TOTAL FORESIGHTS 103.980
										DIFF IN ELEV − 76.514
										F.B. 1373 P.G. 29
		27.476					103.980			

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather CLEAR Inst. No. 50010
Notes by R. Rodriguez Time 10.30 to 12.00 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-39 To BM 34-38
Date 12-13-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.155		200		#11	1.492		200		BM 34-39
	7.955		197			1.292		197		Palos Verdes Blvd & Calle Mira-
	7.758		397			1.095		397		mar 39.6' E. of E. curb.
1.	23.868	7.956		397	68°	3.879	1.293		397	See F.B. 1355-42 Desc.
	9.217		185			1.734		182		
	9.032		184			1.552		184		J. Moody
	8.848		369			1.368		366		
2.	27.097	9.032		766		4.654	1.551		763	
	9.498		181			1.925		187		
	9.317		184			1.738		185		
	9.133		365			1.553		372		
3.	27.948	9.316		1131		5.396	1.799		1135	
	9.457		185			1.813		181		
	9.272		187			1.632		184		
	9.085		372			1.448		365		
4	27.814	9.271		1503		4.893	1.631		1500	
	9.715	35.575	188			1.399	6.274	194		
	9.527		188			1.205		193		
	9.339		376			1.012		387		
5	28.581	9.527		1879		3.616	1.205		1887	
		45.102					7.379			

F.B. 1373 P.G. 30

76P526 S & E #379 1-54

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Chief of Party: J Moody Weather: CLEAR Inst. No.: 50010
Notes by: R Rodriguez Time: 10:30 to 12:00 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 030102
From: BM 34-39 To: B. 34-38
Date: 12-13-53
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.002	4.5102	200	18.99		2.792	7479	199	1887	
	8.802		199			2.593		198		
	8.603		399			2.395		397		
6	24.07	8.802		22.78		7.780	2.593		2284	
	7.878		186			3.966		189		
	7.692		183			3.777		186		
	7.509		369			3.591		375		
7	23.079	7.693		2647		11.334	3.778		2659	
	8.009		187			1.958		186		
	7.822		184			1.772		184		
	7.638		371			1.588		370		
8	23.469	7.823		3018		4.718	1.573		3029	
	9.146		131			1.913		131		
	9.015		130			1.782		130		
	8.885		261			1.652		261		
9	27.046	9.015		3279		5.347	1.782		3290	
	9.503		142			1.435		143		
	9.361		143			1.292		143		
	9.218		285			1.149		286		
10	28.082	9.361		3564		3.876	1.292		3576	
		87.296					18.497			

F.B. 573 P.G. 31

76P526 S & E #379 1-54

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Chief of Party W. Moody Weather CLEAR Inst. No. 60010
Notes by R. Rodriguez Time 10:30 A.M. Rod No. 11 & 12

Name L A CO PRECISE LEVEL NET
Job No. 0301.02
From BM 34-39 To BM 34-38
Date 12-13-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9361	8779.6	135	3564		1758	1649.7	131	3576	
	9226		134			1627		130		
	9092		269			1497		261		
11	27679	9226		3833		4882	1627		3837	
	7272		189			7669		191		BM 34-38 (U.S.C.&G.S.)(F-781)
	7083		190			7478		187		(U.S. 4143) Palos Verdes Blvd, 145'
	6893		379			7292		378		N. of Via Anita.
12	21248	7083		4212		24439	7480		4215	See F.B. 1355-41 for Desc.
										SUMMATION OF RUN
										total BACKSIGHTS +104105
										total FORESIGHTS − 27.604
										DIFF IN ELEV. + 76.501

F.B. 1323 PG 32

104105 27.604

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather OVERCAST Inst. No. 50010
Notes by R. Rodriguez & M.S. Time 10 30 to 2110 Rod No. 11 & 12

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M #1 To BM 49-1
Date 12-9-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	[illegible]	[illegible]	[illegible]	[illegible]	#11 [illegible]	416 [illegible] 3 [illegible]	[illegible]	[illegible]	[illegible]	T.B.M #1 Palos Verdes Dr. W, side on wly Prod of approx ℄ of Palos Verdes Dr. N. B. spk in curb
2	[illegible]	[illegible]	[illegible]	[illegible]		[illegible] 0.953 [illegible]	[illegible]	[illegible]	[illegible]	J. Moody
3	[illegible]	[illegible]	[illegible]	926 [illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
4	[illegible]	[illegible]	[illegible]	1159 [illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
5	[illegible]	[illegible]	[illegible]	1390 [illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
							8712			

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

F.B. 1373 P. 33

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Chief of Party J.A. Moody Weather [illegible] Inst. No. [illegible]
Notes by R. Rodriguez Time 10:30 to 2:10 Rod No. [illegible]

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.279	46.915	117	1330		[illegible]	8.412	[illegible]	[illegible]	
	9.162		115			[illegible]		116		
	9.047		232			6385		233		
6	[illegible]	[illegible]		1722		[illegible]	[illegible]		[illegible]	
	7.438		105			[illegible]		[illegible]		
	[illegible]		101			[illegible]		[illegible]		
	[illegible]		206			[illegible]		[illegible]		
7	[illegible]	[illegible]		[illegible]		3177	[illegible]		[illegible]	
	[illegible]		079			[illegible]		[illegible]		
	[illegible]		079			[illegible]		[illegible]		
	[illegible]		158			[illegible]		[illegible]		
8	22114	9.038		2086		[illegible]	[illegible]		[illegible]	
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		086		
	[illegible]		[illegible]			[illegible]		172		
9	[illegible]	9.743		[illegible]		[illegible]	[illegible]		2238	
	[illegible]	[illegible]	[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
10	30.688	10.229		[illegible]		3.081	[illegible]		[illegible]	
		94.421					[illegible]			

F.B. 1373 Pg. 34

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

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather Overcast Inst. No. 50010
Notes by P. Rodriguez Time 12:30 - 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From TBM #1 To [illegible]
Date 12-9-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.028	[illegible]	089	2438		1.076	14[illegible]	087	2414	
	9.939		087			0.989		087		
	9.852	40	176			0.902		174		
11	29.819	9.9[illegible]		2614		2.967	0.989		2588	
	10.265		090			[illegible]		[illegible]		
	10.175		090			[illegible]		[illegible]		
	10.085		[illegible]			[illegible]		[illegible]		
12	[illegible]	[illegible]		[illegible]		[illegible]	1.541		[illegible]	
	[illegible]		126			[illegible]		1[illegible]2		
	[illegible]365		[illegible]			[illegible]		[illegible]		
	11.[illegible]		[illegible]			[illegible]		[illegible]		
13	[illegible]	11.36[illegible]		[illegible]		[illegible]	1.543		[illegible]	
	7947		190			2338		191		NOTES BY SONNENSCHEIN
	7757		189			2147		190		
	7568		379			1957		382		
14	23272	7.757		3422		6442	2.147		3385	
	8678		211			2231		210		
	8467		208			2021		206		
	8259		419			1815	2.023	416		
15	25404	8468		3821		6.067	2.022		3801	
		142127					22245			

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F.B. 1373 P.G. 35

76P526 S & E #379 1-54

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Chief of Party J. Kinnaird Weather average Inst. No. 5601
Notes by M. Sommerschein Time 1330 to 2110 Rod No. 115

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From [illegible] To [illegible]
Date 12-9-55
Indexed **A. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8856	142127	145	[illegible]		[illegible]	[illegible]	151	3801	
	8711		148			[illegible]		150		
	8563		293			[illegible]		301		
16	26130	8710		4011		5176	[illegible]		4102	
	8893		145			1762		149		
	8848		145			1613		151		
	8703		290			1462		300		
17	26544	8848		4404		4837	[illegible]		4402	
	8859		121			[illegible]		137		
	8738		122			1531		[illegible]		
	8616					[illegible]		258		
	26213	8738	243	4647		4591	[illegible]		4658	
	[illegible]		116			1742		120		
	8640		115			1622		117		
	8534		231			1505		237		
18	25948	8649		4878		4869	[illegible]		4895	
	10013		141			1795		142		
	9872		141			1653		138		
	9731		282			1515		280		
20	29616	9872		5160		4963	[illegible]		5175	
		186944					30379			

F.B. 1373 P.G. 36

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76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party J. Moody Weather OVERCAST Inst. No. 50010
Notes by R. Rodriguez & M.S. Time 10:30 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. #1 To B 49-1
Date 12-9-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
21	9.425 9.328 9.191 27.984	186944 9.328	137 137 274	5.160 5434		1.498 1.368 1.239 4.105	30389 1.368	130 129 259	5.175 5434	
22	9.495 9.359 9.227 28.081	9.360	136 132 268	5702		1.601 1.484 1.368 4.453	1.484	123 122 245	5679	
23	8.891 8.773 8.659 26.323	8.774	118 114 232	5934		1.271 1.147 1.021 3.439	1.146	124 126 250	5929	
24	8.138 8.068 7.997 24.203	8.068	70 71 141	6075		3.102 3.035 2.971 9.108	3.036	67 64 131	6060	BM 49-1 PALOS VERDES DR. N. & VIA COLUS, S.W. COR SEE F.B. 1373-7 FOR DESC.
		222474					37423			SUMMATION OF RUN T.B.M. #1 TO 49-1 TOTAL BACKSIGHTS + 222474 TOTAL FORESIGHTS − 37423 DIFF IN ELEV + 185051

F.B. 1373 P.G. 37

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather Overcast Inst. No. 50010
Notes by M. Sonnenschein Time 10:30 to 2:15 Rod No. 11 & 12

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From T.B.M. #1 To B.M. A9-1
Date 12-9-55
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. 1373 P.G. 38

76P526 S & E #379 1-54

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Chief of Party J.A. Moody Weather overcast Inst. No. 50010
Notes by [illegible] Time 2:40 to 3:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. [illegible]
From BM 49-1 To T.B.M. #1
Date 12-9-5[illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	3074 3008 2942 9024	3,008	66 66 132	.132	#11 640	8112 8039 7971 24122	8,041	73 68 41	.141	BM 49-1 Palos Verdes Drive North & Via Colusa, S.W. Cor. See F.B. 1373-7 For Description
2	1345 1,219 1095 3,659	1,220	126 124 250	.382		8,962 8848 8732 26,542	8,847	114 116 230	.371	
3	1421 1298 1,174 3,893	1,298	123 124 247	629		9304 9,172 9039 27,515	9,172	132 133 265	636	T J.A. Moody
4	1,236 1102 0,971 3,309	5.52 1,103	134 131 265	.894		9198 9,061 8128 27,187	24,060 9,062	137 133 270	.906	
5	1,767 1,625 1485 4,877	1,626 8,255	142 140 282	1176		9985 9844 9705 29,534	9,845 44,967	141 139 280	1,186	

F.B. 1373 P.G. 39

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J.A. Moody Weather OVERCAST Inst. No.
Notes by [illegible] Time [illegible] to 3.3[illegible] Rod No.

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301[illegible]
From BM [illegible] To [illegible]
Date 12-9-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	1.851 1.153 1.618 5.202	8.255 1.[illegible]	11[illegible] 115 [illegible]	1.172 1.4[illegible]		8.[illegible]5 8.[illegible] 8.6[illegible] 26.274	[illegible]	117 117 234	1.[illegible] 1.420	
7	1.55[illegible] 1.421 1.29[illegible] 4.265	1.422	121 129 260	[illegible]		[illegible] 8.631 [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	1.[illegible]	
8	[illegible] 1.64[illegible] 1.405 4.933	1.64[illegible]	15[illegible] 1[illegible] 300	1.96[illegible]		90[illegible] 2.87[illegible] [illegible] 26.6[illegible]	[illegible]	145 145 29[illegible]	1.9[illegible]	
9	1.858 1.711 1.562 5.131	1.710	147 149 296	2.26[illegible]		8.842 8.69[illegible] 8.548 [illegible]		149 145 294	2.242	
10	2.213 2.003 1.793 [illegible]	[illegible]	210 210 420	2.685		8.654 8.448 8.239 [illegible]	[illegible]	206 209 415	2.657	
		16.768					88.374			

F.B. 1373 P.G. 40

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J.A. Moody Weather overcast Inst. No. [illegible]
Notes by [illegible] Time 2:12 to 3:35 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From 3M 49-1 To [illegible]
Date 12-9-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	[illegible]	16.768	190	2685		8001	88.374	190	2657	
	2.202		190			[illegible]		189		
	2.012		380			7622		[illegible]		
	6.601	2.202		3065		23.434	7.811		[illegible]	
12	[illegible]		120			[illegible]		[illegible]		
	[illegible]		118			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]	1.503		[illegible]03		33.973	11.331		3.28[illegible]	
13	1.116		88			9.[illegible]		90		
	1.028		86			9.[illegible]		89		
	0.942		[illegible]			9.[illegible]		179		
	3.086	1.029		3.477		28.987	9.662		3.467	
14	0.872		88			9.823		87		
	0.784		86			9.736		87		
	0.698		174			9.641		174		
	2.354	0.785		3.651		29.208	9.736		3.641	
15	0.912		87			10.115		87		
	0.825		87			10.228		89		
	0.738		174			9.939		176		
	2.475	0.825		3.825		30.082	10.027		3.817	
		23.117					126.941			
							136.941			

F.B. 1373 P.G. 41

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. A. Moody Weather [illegible] Inst. No. [illegible]10
Notes by [illegible] Time [illegible] to 3:35 Rod No. [illegible]

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
16	[illegible]	23.117	[illegible]	[illegible]5		[illegible]	136.941	[illegible]	[illegible]	
	[illegible]	0.96[illegible]	[illegible]	[illegible]7		[illegible]		[illegible]	[illegible]	
17	[illegible]	[illegible]	[illegible]	3		[illegible]		[illegible]		
18	[illegible]	0.997	102	6		[illegible]		[illegible]	[illegible]	
19	1.643		115			[illegible]		[illegible]		
	1.527		231			[illegible]		[illegible]		
	1.412					[illegible]		[illegible]		
	4.582	1.527		46[illegible]5		[illegible]	188	[illegible]	4604	
20	1.56[illegible]		117			9.331		112		
	1.451		118			9.213		115		
	1.333		235			[illegible]		233		
	4.552	1.451		4840		27.642	[illegible]		4837	
		28.997					183.598			

F.B. 1373 P.G. 42

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: J. A. Moody Weather: Inst. No.:
Notes by: Time: Rod No.:

Name: LA. Co. Precise Level No
Job No.:
From: To:
Date: 12-9-55
Indexed: E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
21	[illegible]	28.997	[illegible] 6	4840		[illegible]	~~173.604~~ 183.598	[illegible]	[illegible]	
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]	[illegible]	[illegible]	5073		[illegible]	[illegible]	[illegible]	5068	
22	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	2.325	0.743	[illegible]	5310		[illegible]	[illegible]	[illegible]	52[illegible]	
23	[illegible]		.194			[illegible]		.87		
	[illegible]		.191			[illegible]		.87		
	[illegible]	0.945	.385	5695		[illegible]	[illegible]	.373	5674	
24	[illegible]		.169			8.422		.166		
	[illegible]		[illegible]			[illegible]		.162		
	[illegible]	3.822	.334	6029		[illegible]	[illegible]	.328	6002	
		35.836					210.886 / 220.886			

T.B.M. = 1
Palos Verdes Dr. W., W. Side
on W'ly Prod. of Approx. ℄
of Palos Verdes Dr. N. & B.t. Sek. Ave.

SUMMATION OF RUN
TOTAL Backsights = + [illegible] 236
TOTAL Foresights = 220.886
DIFF. IN ELEV. = - [illegible] 050

F.B. 1373 P.G. 43

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. A. [illegible] Weather overcast Inst. No. 50010
Notes by [illegible] Time 210 to 3[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B[illegible] To T.B.M #1
Date 12-9-55
Indexed

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

F.B. 1373 P.G. 44

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: J. Moody Weather: CLEAR Inst. No.: 50010
Notes by: R. Rodriguez Time: 1:00 to 3:50 Rod No.: [illegible]

Name: **L. A. CO. PRECISE LEVEL NET**
Job No.: 030102
From: BM 49-1 To: BM #2
Date: 12-12-55
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8642		139		#11	1988		130		BM 49-1 Palos Verdes DR. No & Via Colusa, S.W. COR
	8503		135			1858		130		
	8368		274			1728		260		SEE F.B. 1373-7 FOR DESC.
1	25513	8504		274	66°	5574	1858		260	
	10062		184			2487		190		
	9878		186			2297		190		J. Moody
	9692		370			2107		380		
2	29632	9877		644		6891	2297		640	
	9543		191			3577		192		
	9352		193			3385		190		
	9159		384			3195		382		
3	28054	9351		1028		10157	3386		1022	
	9362		190			3259		191		
	9172		190			3568		190		
	8982		380			3378		381		
4	27516	9172		1408		10205	3568		1403	
	9553		192			4139		190		
	9361		189			3949		190		
	9172		381			3759		380		
5	27086	9362		1789		11847	3949		1783	
		40266					15058			

F.B. 1373 P.G. 45

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: J. Moody Weather: Clear Inst. No.: 50010
Notes by: R. Rodriguez Time: 1100 to 3:15 Rod No.: [illegible]

Name: **L. A. CO. PRECISE LEVEL NET**
Job No.: 0301.[illegible]
From: BM 49-1 To: t. B.M #2
Date: 12-13-55
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7073	40.266	191	1789		4967	15.058	192	1783	
	6882		190			4775		190		
	6692		381			4585		382		
6	20647	6.882		2170		14327	4.776		2165	
	6480		190			4235		193		
	6292		193			4042		190		
7	6104		383			3852		383		
	18888	6.296		2553		12129	4.043		2548	
	8972		191			2082		190		
	8581		189			1892		193		
8	8392		380			1699		383		
	25945	8.582		2933		5673	1.891		2931	
	8172		111			1531		106		
	8061		109			1425		103		
	7952		220			1322		209		
9	24185	8.062		3153		4278	1.426		3140	
	9069		103			1196		104		
	8966		103			1092		100		
	8863		206			0992		204		
10	26898	8.966		3359		3280	1.093		3344	
		79.054					28.287			

F.B. 1373 P.G. 46

76P526'S & E #379 1-54

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Chief of Party: J. Moody
Notes by: R. Rodriguez
Weather: CLEAR
Time: 1:00 to 3:15
Inst. No.: 50010
Rod No.: 11812

Name: L. A. CO. PRECISE LEVEL NO
Job No.: 030102
From: B.M. 49-1 To: B.M. #2
Date: 12-12-55
Indexed: R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.888	7.905	103	3359		1.602	28.287 8	103	3344	
	8.785		101			1.499		101		
	8.684		204			1.398		204		
11	26.357	8.786		3563		4.499	1.500		3548	
	10.462		190			2.557		192		
	10.272		194			2.365		192		
	10.078		384			2.173		384		
12	30.812	10.271		3947		7.095	2.365		3932	
	8.581		102			1.638		105		
	8.479		100			1.533		101		
	8.379		202			1.432		206		
13	25.439	8.480		4149		4.603	1.534		4138	
	10.081		119			1.834		119		
	9.962		117			1.715		117		
	9.845		236			1.598		236		
14	29.888	9.963		4385		5.147	1.716		4374	
	10.252		137			0.888		139		
	10.115		137			0.749		137		
	9.978		274			0.612		276		
15	30.345	10.115		4659		2.249	0.750		4650	
		126.669					36132/5			

F.B. 1373 P.G. 47

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather Clear Inst. No. 50010
Notes by R. Rodriguez Time 1.00 to 3.15 Rod No. 4612

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM-49-1 To T.B.M. #2
Date 12-13-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.762	126.669	083	4659		4.912	36.152	090	4650	T.B.M. #2. PALOS VERDES DR.
	6.622		084			4.822		089		N. & HAWTHORNE AVE. N.E. COR.
	6.595		167			4.733		179		L.&T. IN CURB A APPROX
16	200.36	6.679		4826		44.07	4.322		4829	MIDDLE OF CURB RETURN
										total backsights + 133.348
										total foresights − 40.974
										DIFF IN ELEV. + 92.374
		133.348					40.954			

F.B. 1373 P.G. 48

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. Moody Weather Overcast Inst. No. 50010
Notes by R. Rodriguez Time 9:00 to 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From T.B.M #2 To B.M 49-1
Date 12-13-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.887		089		#11	6.737		085		T.B.M #2 PALOS VERDES DR
	4.798		087			6.652		084		No. & HAWTHORNE AVE, N.E. COR
	4.711		176			6.568		169		L&T. IN CURB IN APPROX.
1	14.396	4.799		.176	60°	19.957	6.652		.169	CENTER OF CURB RETURN
	0.876		138			10.242		140		J. Moody
	0.738		137			10.102		139		
	0.601		275			9.963		279		
2	2.215	0.738		.451		30.307	10.102		.448	
	1.264		119			9.511		116		
	1.148		117			9.395		117		
	1.031		236			9.279		233		
3	3.446	1.149		.687		28.185	9.395		.681	
	1.715		103			8.659		101		
	1.612		101			8.558		101		
	1.511		204			8.457		202		
4	4.838	1.613		.891		25.674	8.558		.883	
	1.863	8.299	191			9.767	34.707	190		
	1.672		193			9.577		190		
	1.479		384			9.387		380		
5	5.014	1.671		1.275		28.731	9.577		1.263	
		9.970					44.284			

F.B. 1378 P.G. 49

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. Moody Weather Over[illegible] Inst. No. 50010
Notes by R. Rodriguez Time 9:00 to 10[illegible] Rod No. 11012

Name L. A. CO. PRECISE LEVEL NET
Job No. 0801.02
From T.B. M#2 To BM 49-1
Date 12-13-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.543	9920	104	1275		8.823	4289	101	1263	
	1.439		101			8.424		102		
	1.338		205			8.625		203		
6	4320	1.440		1480		26180	8727		1466	
	1.243		102			9.118		103		
	1.141		102			9.015		102		
	1.039		204			8.913		205		
7	3423	1.141		1684		27046	[illegible]		1671	
	1.499		104			8.139		107		
	1.395		100			8.032		109		
	1.295		204			7.923		216		
8	4.189	1.396		1888		24094	[illegible]		1887	
	1.716		194			8.992		192		
	1.522		190			8.212		189		
	1.332		384			8.023		379		
9	4570	1.523		2272		24637	8212		2266	
	4.108	15470	193			6.358	78[illegible]9	192		
	3915		192			6.166		191		
	3723		385			5.975		383		
10	11746	3915		2657		18499	[illegible]		2649	
		19385					84[illegible]35			

F.B. 1373 P.G. 50

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 J. Moody Weather Clear Inst. No. 50212
Notes by R. Rodriguez Time [illegible] 10:30 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. #2 To B.M. 49-1
Date 12-13-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	5051 4858 4669 14578	19385 14859	193 189 382	2657 3039		7158 6922 6775 20898	84495 6966	192 191 383	2649 3032	
12	[illegible] 3878 3686 11630	3877	192 198 [illegible]	[illegible]		[illegible] 7291 [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	[illegible]	
13	3783 3592 3399 10774	3591	191 193 384	3815		[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	[illegible]	
14	3588 3[illegible] 3203 10186	3395	193 192 385	4200		[illegible] 8361 [illegible] 22084	[illegible]	191 190 381	4179	
15	2452 2261 2072 6785	35107 2262	191 189 380	4580		10037 9846 9657 29540	3[illegible] 9847	191 189 380	4554	
		37369					123094			

F.B. 1373 P.G. 51

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather Clear Inst. No. 50010
Notes by R. Rodriguez Time 9 to 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0321.02
From T.B.M. #2 To BM 49-1
Date 12-13-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.017	37369 ✓	132	4580		8.668	43.304 ✓	137	4554	B.M 49-1 Palos Verdes Dr
	1.885		132			8.531		137		No. & Via Colusa. S.W Cor
	1.753		264 ✓		T=67	8.394		274 ✓		See F.B. 1373-7 for Desc.
16	5.655 ✓	1.885 ✓		4.844		25.593 ✓		✓	4.828	
										Summation of Run
										total Backsights +39.254 ✓
										total Foresights -131.625 ✓
										Diff in Elev -92.371 ✓
		39254 ✓					131.625 ✓			

F.B. 1373 P.G. 52

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather SUNNY Inst. No. 50010
Notes by R. Rodriguez Time 11:25 to 12:00 Rod No. 11 & 12

Name L.A. Co. Precise Level Net
Job No. [illegible]
From T.B.M.-2 To BM 49-2
Date 12-13-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1.	6.179 5.995 5.811 17.985	5.995	184 184 368	368	#11 63°F	4.838 4.639 4.442 13.919	4.640	199 197 396	396	T.B.M. #2 PALOS VERDES DR. NO. & HAWTHORNE AVE. N.E. COR. L.&T. IN CURB AT APPROX CENTER OF CURB RETURN
2.	4.299 4.102 3.907 12.308	4.103	197 195 392	760		7.148 6.948 6.748 20.844	6.948	200 200 400	796	T J.A. Moody
3.	1.663 1.519 1.377 4.559	1.520	144 142 286	1046		10.395 10.252 10.111 30.758	10.253	143 141 284	1080	
4.	4.993 4.793 4.595 14.381	4.794	200 198 398	1444		5.859 5.667 5.477 17.003	5.668	192 190 382	1462	
5.	7.499 7.299 7.102 21.900	7.300	200 197 397	1841		5.242 5.051 4.859 15.152	5.051	191 192 383	1845	
		23712					32560			

F.B. 1373 P.G. 53

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather SUNNY Inst. No. 50010
Notes by R. Rodriguez Time 11:25 to 12:15 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. #2 To B.M. 49-2
Date 12-13-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.818	23.712	204	1841		2.411	32.560	204	1845	
	10.614		203			2.207		202		
	10.411		407			2.005		406		
6	31.843	10.614		2248		6.623	2.208		2251	
	11.800		167			1.103		156		
	11.633		165			0.947		158		
	11.468		332			0.789		314		
7	34.901	11.634		2580		2.839	0.946		2565	
	9.258		091			1.172	[illegible]	089		BM 49-2 Palos Verdes [illegible]
	9.167		094			1.083		087		[illegible] MEADOWS RD
	9.073		185			0.996		176		SEE F.B. 1373-8 FOR DESCRIPTION
8	27.498	9.166		2765		3.251	1.084		2741	
										SUMMATION OF RUN
										total BACKSIGHTS + 55.126
										total FORESIGHTS - 36.798
										DIFF IN ELEV. + 18.328

F.B. 1373 P.G. 54

55.126 36.798

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather Sunny Inst. No. 50010
Notes by T. J. Mezendez Time 1:30 to 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 49-2 To ⊼ B.M. #2
Date 12-13-55
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	0969 0879 0791 2639	0.880	090 088 178	178	#11 66°F	9055 8963 8872 26890	8.963	092 091 183	183	B.M. 49-2 N.W. Cor. Palos Verde Dr. N. & Rolling Meadows Dr. See F.B. 1373-8 for Description
2	0807 0648 0491 1946	0.649	159 157 316	494		11496 11333 11173 34002	11334	163 160 323	506	⊼ J. A. Moody
3	2508 2307 2103 6918	2.306	201 204 405	899		10912 10711 10508 3213	10710	201 203 404	910	
4	5239 5051 4859 15149	5050	188 192 380	1279		7498 7298 7099 21895	7298	200 199 399	1309	
5	4638 4439 4239 13316	4439	199 200 399	1678		3758 3565 3373 10696	3565	193 192 385	1694	
		13.324					41.870			

F.B. 1373 P.G. 55

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather Sunny Inst. No. 50010
Notes by T. Melendez Time 1:30 to 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M 49-2 To t. B.M #2
Date 12-13-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	10.093 9948 9802 29843	13.324 9.948	145 146 291	1678 1969		1362 1215 1071 3648	41.870 1216	147 144 291	1694 1985	
7	7057 6858 6659 20574	6.858	199 199 398	2367		[illegible] 4012 [illegible] 12040	4.013	199 [illegible] 394	2379	
8	4988 4792 4593 14373	4.791	196 199 395	2762		6332 6145 5958 18435	6.145	187 187 374	2753	T.B.M #2 N.E'ly cor, T&L. in center cb. ret, Palos Verdes Dr. N. & Hawthorne Ave
		34.921					53.244			SUMMATION OF RUN TOTAL Backsights = + 34.921 TOTAL Foresights = − 53.244 DIFF. IN ELEV. = − 18.323
		34.921					53.244			

F.B. 1373 P.G. 56

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] 12:10 Rod No. [illegible]

Name L.A. CO. PRECISE LEVEL NET
Job No. [illegible]
From BM 49-2 To B 49-3
Date 12-14-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		6				9.27	3.09			BM 49-2 [illegible] SEE C.B. 1373-8 FOR DESC.
							3.2	193 190		
						19.672				

F.B. 1373 P.G. 57

76P526 S & E #379 1-54

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

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	12239	80					19678			
	19656	6552					34724			B.M 49-3 ± 150' ELY OF INTER. OF PALOS VERDES DR. NO & MONTEREY HILLS DR. SEE F.B. 1373-9 FOR DESC. TOTAL BACKSIGHT + 52.453 TOTAL FORESIGHT 34.724 DIFF IN ELEV. + 17.729
		52453								

F.B. 1373 PG. 58

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J.A. Moody Weather [illegible] Inst. No. [illegible]
Notes by R. Rodriguez Time [illegible] 12:10 Rod No. [illegible]

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM49-3 To B [illegible]
Date [illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	[illegible] 10057	[illegible]	[illegible]	[illegible]		[illegible]	6[illegible]	[illegible]	[illegible]	BM49-3 ± 132 [illegible] of [illegible] No. & Montema [illegible] Sect. B 1373-9
2	[illegible] 25 [illegible] 15385	[illegible]	[illegible]	[illegible]		[illegible] 773 [illegible]	[illegible]	[illegible]	[illegible]	⊼ J. Moody
3	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
4	[illegible] 628 [illegible] 7 [illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
5	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	188[illegible]	
		[illegible]					7389			

F.B. 1373 P.G. 59

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Moody Weather Clear Inst. No. 50010
Notes by R Rodriguez Time 11:35 to 12 Rod No. 11 [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301
From ..... To .....
Date ..... A. C. Johnson
Indexed .....

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	49	26.426	92				27.89			
	57		192							
	65		384							
6	1157	3.85								
								26		
			2							BM 49-2 Palos Verdes Dr No and Rolling Meadows Rd.
8	[illegible]	150		298		[illegible]				SEE F.B. 1373-8 FOR DESC.
										total Backsights 35.299
										total Foresights - 53.028
										Diff in Elev - 17.729
		35.299					53.028			

F.B. 1373 P.G. 60

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather Clear Inst. No. 50010
Notes by [illegible] Time 1304 02 20 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. C 3[illegible]
From BM 49-3 To B[illegible]
Date 12-14-5[illegible]
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5459 5268 5075 15802	5267	191 193 384	384		4676 4488 4298 13464	4488	190 190 380	380	BM 49-3 ± 132° Fly of Inter of Palos [illegible] Dr No & Montemalinga. See F.B. 1373-9 for [illegible]
2	[illegible]	[illegible]3	[illegible]	[illegible]67		[illegible] 4308 4119 [illegible]924	[illegible]308	[illegible] 189 378	758	T. J. Moody
3	[illegible]	[illegible]	[illegible]	1147		[illegible] [illegible] [illegible]	8.008	[illegible]	1138	
4	1685	[illegible]	[illegible]	1523		[illegible]	[illegible]	[illegible]	1518	
5	[illegible]	[illegible]	[illegible]	1833		[illegible]	11.750	[illegible]	1830	
		18.848					39.042			

F.B. 1373 P.G. 61

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Chief of Party J. Moody Weather Sunny Inst. No 50010
Notes by R. Rodriguez Time [illegible] to 12:[illegible] Rod No. 11[illegible]

L. A. CO. PRECISE LEVEL NET
Name
Job No. [illegible]
From [illegible] To B11149-4
Date [illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2229	18.848	157	.833		[illegible]	39.042	153	.830	
	2072		159			11.165		153		
	1913		[illegible]			[illegible]		[illegible]		
	[illegible]	2.0[illegible]		2.149		[illegible]			2.189	
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]	10	[illegible]		
	[illegible]	[illegible]		2399		[illegible]			2370	
	[illegible]		[illegible]			[illegible]		189		
	[illegible]		[illegible]			6475		189		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]			2781		[illegible]			2748	
	[illegible]		190			53		199		
	5139		189			[illegible]		195		
	[illegible]	40	[illegible]			[illegible]		[illegible]		
	[illegible]			3160		[illegible]			3142	
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
10	[illegible]			3541		[illegible]	68		3516	
		35.938					75.074			

F.B. 1373 P.G. 62

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Chief of Party J. Moody Weather Sunny Inst. No. 50010
Notes by R. Rodriguez Time 30+02:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 49-3 To BM 49-4
Date 12-14-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	[illegible]	35.938 9	[illegible]	3541		[illegible]	75.073 4	[illegible]	3516	BM 49-4 Palos Verdes Dr. N. & Silver Saddler Lane S.E. Ly Cor
	[illegible]		[illegible]			4333		[illegible]		
	[illegible]		[illegible]			4[illegible]8		[illegible]		
	176[illegible]	5[illegible]		3.735		3002	[illegible]		3,669	See F.B. 1373-10 for Desc.
		41.823					79.408			
										SUMMATION OF RUN
										B.M. 49-3 TO B.M. 49-4
										TOTAL BACKSIGHTS + 41.823
										TOTAL FORESIGHTS - 79.408
										DIFF IN ELEVATION - 37.585

F.B. 1373 P.G. 63

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. [illegible]
From 49-4 To [illegible]
Date 12 14 55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	12.8[illegible]	4.289				[illegible]				B.M. 49-4 Palos Verdes Dr. N. & Silver Lake S.Ely Cor. See [illegible] 1373-10 for Desc.
2	[illegible]	4.96[illegible]			5534 5341 5152	[illegible] 341 5152		[illegible]		J.A. Moody
3	[illegible]						3			
4	68[illegible] 6.653 6.462 [illegible]		1 1			[illegible] 3[illegible]				
5	8262 8145 8131		1							
		29.[illegible]					20[illegible]			

F.B. 1373 P.G. 64

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather ..... Inst. No. .....
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.03
From [illegible] To [illegible]
Date [illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
5	32996	29[illegible] / 10999		1534		[illegible]	[illegible]	[illegible]	19	
[illegible]		[illegible]				[illegible]	[illegible]			
8	3[illegible]	[illegible]	2 / 413	[illegible]		3 / [illegible]		[illegible]		
9	2[illegible]39 / 7951 / [illegible]59 / [illegible]	[illegible]050	188 / 192 / [illegible]			4[illegible] / 3915 / 3[illegible]23 / 11745	3915	192 / 192 / [illegible]	2948	
10	4[illegible] / 4[illegible]63 / 3[illegible] / [illegible]	74436	187 / 188 / 377	3317		[illegible]602 / 5[illegible] / [illegible]	36.076	190 / [illegible]	[illegible]	

F.B. 1373 P.G. 65

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Chief of Party ..... Weather ..... Inst. No. .....
Notes by ..... Time 2:20 [illegible] Rod No. .....

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	477	74.036	194	314		5.565	[illegible]	190	[illegible]	B.M. 49-3 ± 132.5 E'ly of
	1593		192		[illegible]	5.345		190		Inter. of Palos Verdes Dr. N. &
			386		[illegible]	5.185				[illegible] Dr.
11	[illegible]	[illegible]		[illegible]		6.125				[illegible] 1373-9 [illegible]
		79.030								
										SUMMATION OF RUN
										B.M. 49-4 TO B.M. 49-3
										TOTAL BACKSIGHTS + 79.030
										TOTAL FORESIGHTS − 41.451
										DIFF IN ELEVATION + 37.579

F.B. 1373 P.G. 66

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party T. A. Woods Weather Sunny & warm Inst. No. 50010
Notes by M. Sonnenschein Time 1:20 to [illegible] Rod No. 112-2

Name L.A.C. Public Level Net
Job No. 0301.02
From Bm 49-4 To Bm 49-5
Date 12-15-55
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1.	1 3 175 131 19	1.373	198 98 396	.396	71° [illegible]	5.555 5.362 5.1 -2 16 2 9	5.363	193 190 383	.383	BM 49-4 Point Verde [illegible] N. Bk. River Saddle Large S.E. Cor. See F.B. 1373-10 for description
2.	[illegible] [illegible] [illegible] 2307	[illegible]	185 [illegible] [illegible]	.768		[illegible] [illegible] [illegible] 25297	[illegible]	[illegible] [illegible] [illegible]	.762	TO JAMBOO
3.	[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	.1060		2.722 2.558 2.945 [illegible]	2.558	[illegible] [illegible] 287	.1049	
4.	[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	[illegible]		[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	128	
5.	459 [illegible] 121 401 1	1.3[illegible]	121 [illegible] 245	[illegible]		525 [illegible] [illegible] [illegible]	[illegible]	120 [illegible] 237	1525	
	3083					[illegible]				

F.B. 1373 P.G. 67

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather Clear [illegible] Inst. No. 30010
Notes by M. Sonnenschein Time [illegible] Rod No. 118c12

Name L. A. CO. PRECISE LEVEL NET
Job No. [illegible]
From [illegible] To [illegible]
Date 12-15-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	502 1383 1268 4153	1.384	119 115 234	1.54[illegible]		[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] 234	1.525 [illegible]	
7	1938 1792 1647 5377	[illegible]	146 145 [illegible]	[illegible]		[illegible]	[illegible]	[illegible] [illegible] [illegible]	[illegible]	
8	[illegible] [illegible] [illegible] 9681	[illegible]	[illegible]	[illegible]		[illegible] [illegible] [illegible] 18159	[illegible]	[illegible]	[illegible]	
9	[illegible] 5655 [illegible] 16968	[illegible]	[illegible] [illegible] 353	2727		[illegible] 11680 [illegible] [illegible]	[illegible]	188 185 373	2713	+31.397 -74.[illegible] -43.454
10	6328 6254 6181 18763	[illegible]	074 077 147	2974		3.5[illegible] [illegible] [illegible] [illegible]	[illegible]	0[illegible] 0[illegible] 141	2961	[illegible] 1373-11 [illegible]
		31.3[illegible]					[illegible]			

F.B. 1373 P.G. 68

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

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

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 1373-1
2	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
4	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
5	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
	31.568					18.327				

F.B. 1373 P.G. 69

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. [illegible]
From [illegible] To [illegible]
Date 12-15-5[illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	[illegible]	[illegible]	[illegible]	1,433		[illegible]	[illegible]	124	1,433	
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		236			[illegible]		247		
	[illegible]	[illegible]		[illegible]		[illegible]			1,680	
7	9.959		121			[illegible]		[illegible]		
	[illegible]		121			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	29.514	[illegible]		[illegible]		[illegible]			[illegible]	
8	[illegible]		[illegible]			1.467		148		
	10.28[illegible]		[illegible]			[illegible]		4[illegible]		
	[illegible]		[illegible]			[illegible]		29[illegible]		
	30.861	[illegible]		[illegible]		3.958	[illegible]		[illegible]	
9	8.[illegible]		[illegible]			[illegible]				[illegible]
	8.3[illegible]		[illegible]							
	8.15[illegible]		[illegible]							
	[illegible]	[illegible]		[illegible]		[illegible]			[illegible]	[illegible] 3451
10	5.581		190			[illegible]				[illegible]
	5.391		192			[illegible]				
	5.199		382							
	16.171	5.390		[illegible]		[illegible]	[illegible]		[illegible]	N.E. 1373-10
		74.742					31.[illegible]			

F.B. 1373 P.G. 70

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather Overcast Inst. No. [illegible]
Notes by M. SONNENSCHEIN Time [illegible] Rod No. [illegible]

Name [illegible] PRECISE LEVEL NET
Job No. [illegible]
From [illegible] To E [illegible]
Date 12-16-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.252 6.065 5.879		.187 .186 .373		411 T=60°	2.851 2.658 2.468		.193 .190 .383		1373-11
	8.055 7.865 7.677	7.866	.190 .188 .378	.751		2.[illegible] 2.812 2.6[illegible]	2.659	.190 .188 .378	.761	
	8.542 8.352 8.162	8.252	[illegible]	[illegible]		2.[illegible] 2.670 2.[illegible]	2.[illegible]	[illegible]	1.138	
	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]		5.[illegible] 5.310 5.118	[illegible]	[illegible]	[illegible]	
	77.188					16.658				

F.B. 1373 P.G. 71

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name [illegible]
Job No. [illegible]
From [illegible] To [illegible]
Date [illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	[illegible]	3.7188	196	[illegible]		[illegible]	[illegible]	189	[illegible]	
	[illegible]		196			[illegible]		[illegible]		
	[illegible]		390			[illegible]		376		
	11.798	[illegible]		[illegible]		[illegible]			[illegible]	
7	[illegible]		188			[illegible]				
	[illegible]		192			7.592				
	[illegible]		380			[illegible]		379		
	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]		[illegible]	
8	3.472		193			5.652		194		
	3.279		190			5.458		191		
	3.089		383			5.267		385		
	9.840	3.280		3.036		[illegible]			[illegible]	
9	6.602		192			[illegible]				
	6.411		192			[illegible]		191		
	6.219		[illegible]			2.681		[illegible]		
	19.232	[illegible]		[illegible]		[illegible]			[illegible]	
10	9.643		190			[illegible]		194		
	9.453		188			0.422		190		
	9.265		378			0.232		384		
	28.361	9.454		[illegible]		[illegible]	[illegible]		[illegible]	
		62.996					37.842			

F.B. 1373 P.G. 72

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Chief of Party J.A. Moody Weather Overcast Inst. No. 50[illegible]
Notes by M. Sonnenschein Time [illegible] Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. [illegible]
From BM 49-5 To B. 49-6
Date [illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	9.799	62.996	194	3.79[illegible]		[illegible]5	37.342	190	[illegible]	
	9.605		192			0.475		187		
	9.413		386			0.288		377		
	29.817	9.606		4.18[illegible]		1.428	0.476		4.[illegible]	
12	[illegible]		[illegible]			1.202		184		
	9.9[illegible]		187			1.013		185		
	9.758		[illegible]			0.828		374		
	29.83[illegible]	9.945		4.559		3.043	1.014		4.5[illegible]8	
13	11.131		213			3.335		223		
	10.918		213			3.112		223		
	10.705		426			2.889		446		
	32.754	10.918		4.985		9.336	3.112		5.004	1373-12
		93.465					41.944			

SUMMATION OF RUN
B.M. 49-5 TO B.M. 49-6
TOTAL BACKSIGHTS +93.465
TOTAL FORESIGHTS -41.944
DIFF IN ELEV. +51.521

F.B. 1373 RG 73

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	3.122 2.897 2.671 8.690	2.897	225 224 449	449		[illegible] 10.699 [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]		[illegible] [illegible] [illegible] 1373-12
2	[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	812		[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	80	↑ J.A. Moore
3	[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	[illegible]		[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	119	
4	[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	[illegible]		[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	[illegible]	
5	1 [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	[illegible]		[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	[illegible]	
		2					6			

F.B. 1373 P.G. 74

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. [illegible]
From [illegible] To 3
Date [illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	[illegible]	231	[illegible]			[illegible]	665	[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]	2.736		[illegible]		[illegible]	[illegible]	
	[illegible]		[illegible]	[illegible]		[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]	2		2		191		
	[illegible]		[illegible]			181		189		
	[illegible]		[illegible]			[illegible]		[illegible]		
	15815	[illegible]		2		21545	7182		[illegible]	
	3375		186			7840		198		
	3189		[illegible]			7648		195		
	3002		373			[illegible]		393		
	[illegible]	[illegible]		3885		[illegible]	7647	[illegible]	3882	
		34652					72014			

F.B. 1373 P.G. 75

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		34.654		85			72.014	191		
				60				378		
				90				78		
				3		6.161 5.979				1373-11
		42.978					94.505			SUMMARY OF RUN B.M. 49-6 TO B.M. 49-5. TOTAL BACKSIGHTS +42.978 TOTAL FORESIGHTS -94.505 DIFF IN ELEVATION -51.527

F.B. 1373 P.G. 76

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 J. A. MOODY Weather Overcast Inst. No. 50010
Notes by M. SONNENSCHEIN Time 9:10 to 10:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 49-6 To BM 49-7
Date 12-19-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.912 6.721 6.532 20.165	6.722	191 189 380	.380	#11 56°F	8.178 7.979 7.783 23.940	7.980	199 196 395	.395	BM 49-6 Palos Verdes Dr. N. & Rolling Hills Dr. N.W. Cor See F.B. 1373-12 for Descrip.
2	0.921 0.729 0.539 2.189	0.730	192 190 382	.762		9.207 10.018 9.832 30.055	10.018	187 186 373	768	↑ J.A. [illegible]
3	2.104 1.918 1.724 5.741	1.914	191 189 380	1.142		8.597 8.403 8.212 25.212	8.404	194 191 385	1153	
4	4.535 4.339 4.145 13.019	4.340	196 194 [illegible]	1.532		5.862 5.672 5.479 17.013	5.671	190 193 383	1536	
5	6.175 5.982 5.792 17.949	5.983	193 190 383	1.915		4.928 4.735 4.542 14.205	4.735	193 193 386	1922	
		19.689					36.808			

F.B. 1373 PG 77

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. A. Moody Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name **L. A. CO. PRECISE LEVEL NET**
Job No. [illegible]
From [illegible] To [illegible]
Date [illegible] 19-55
Indexed **A. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.517	19.689	215	1.915		5.058	[illegible]	207	1922	
	5.604		212			[illegible]		208		
	5.692		427			[illegible]		415		
	16.815	5.605		2.332		14.55[illegible]	[illegible]		2.130	
7	[illegible]		[illegible]			[illegible]		[illegible]		
	5.002		[illegible]			5.4[illegible]		[illegible]		
	5.740		[illegible]			[illegible]		41[illegible]		
	18.010	6.00[illegible]		2.842		[illegible]			.53	
8	4.771		173			[illegible]		[illegible]		
	[illegible]		174			[illegible]				
	[illegible]		347			[illegible]		4		
	[illegible]	[illegible]		[illegible].89		[illegible]			[illegible].9	
9	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]				
	[illegible]		[illegible]			[illegible]				
	13.55[illegible]	[illegible]		3.574		[illegible]	6		590	
10	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]				
	[illegible]		[illegible]			[illegible]				
	13.627	4.20[illegible]		[illegible]		[illegible]			980	
		44.989					54.285			

F.B. 1373 P.G. 78

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Moody Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. [illegible]
From [illegible] To [illegible]
Date 12-19-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	[illegible]	44.989	198	[illegible]		[illegible]	64.285	[illegible]	[illegible]80	
	[illegible]		194			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	14.101	4.700		[illegible]		[illegible]			[illegible]5	
	[illegible]		[illegible]			[illegible]		[illegible]		B.M. [illegible]
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	16.492	5.497		[illegible]		[illegible]			[illegible]5	F.B. 1373-13
		55.186					75.380			
										+5[illegible]
										−[illegible]80
										−2[illegible]

F.B. 1373 P.G. 79

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party ..... Weather Overcast ..... Inst. No. .....
Notes by ..... Time to 11:40 ..... Rod No. .....

Name **L. A. CO. PRECISE LEVEL NET**
Job No. .....
From ..... To .....
Date 12-19-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
										1373-13
F.B. 1373 P.G. 80	6227		205			4971		193		
	6022		201			4778		190		
	5821		406			4588		383		
	18070	6023		1685		14337	4779		1657	
				2062		538			2065	
		27758					28008			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] 1140 Rod No. [illegible]

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	[illegible]	27,758	[illegible]	2,062		[illegible]	23,408	[illegible]	2065	
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]	[illegible]	[illegible]	2536		[illegible]	[illegible]	[illegible]	2618	
	079		208			841		216		
	871		206			625		214		
	665					411		430		
	[illegible]	[illegible]	[illegible]	50		[illegible]	[illegible]	[illegible]	48	
	[illegible]		191			[illegible]		[illegible]		
	[illegible]		193			[illegible]		[illegible]		
	438		[illegible]			[illegible]		[illegible]		
	[illegible]	[illegible]	[illegible]	3,234		[illegible]	[illegible]	[illegible]	3,230	
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]	[illegible]	[illegible]	3,217		[illegible]	[illegible]	[illegible]	3,210	
	[illegible]		192			[illegible]		193		
	[illegible]		191			[illegible]		190		
	039		386			[illegible]		383		
	24,697	[illegible]	[illegible]	4,103		5238	17,46	[illegible]	4,093	
		56479					46846			

F.B. 1373 P.G. 81

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From [illegible] To [illegible]
Date 12-12-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	[illegible]	56,479	86	4.103		[illegible]	46,846	[illegible]	4,093	
	10.0[illegible]		[illegible]			[illegible]		[illegible]		
11	9863		[illegible]			[illegible]		[illegible]		
	[illegible]	[illegible]		1475		[illegible]	6,760		476	
	[illegible]		[illegible]			[illegible]		[illegible]		[illegible]
	8,100		[illegible]			[illegible]		[illegible]		[illegible]
	[illegible]		[illegible]			[illegible]		[illegible]		
	24322	18,107	[illegible]	4857		[illegible]	[illegible]		[illegible]6	1373-12
		74635					54.455			+ 74.635
										− 54.455
										+ 20.180

F.B. 1373 P.G. 82

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. A. Moody Weather Overcast Inst. No. 50010
Notes by M. Sonnenschein Time 1:00 to 2:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 49-6 To BM 49-7
Date 12-22-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	BM 49-6 1373-12
2	[illegible]	[illegible]	191 192 [illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	⊼ J A Moody
3	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
4	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
5	[illegible]	[illegible]	[illegible]	[illegible]		4.802 [illegible] 13,831	4.610	191 193 384	1,920	
	[illegible]					[illegible]				

F.B. 1373 P.G. 83

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5		213 215			2		5		
	4 4							3	31	
F.B. 1373 P.G. 84	61 4.710 2		191 192 383							
	4.511 4.308 4.05		203 203 406					39		

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party ..... Weather ..... Inst. No. .....
Notes by ..... Time 2:00 Rod No. .....

Name **L. A. CO. PRECISE LEVEL NET**
Job No. .....
From BM ..... To B .....
Date .....
Indexed **A. C. Johnson**

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
			469	4.850		3403				NER 1373-13

F.B. 1373 P.G. 85

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time 3:10 Rod No. [illegible]

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
										1373-13
4	2									
	.779 .591 .40 6.771		188 190 378			7 [illegible]		205 [illegible]		

F.B. 1373 P.G. 86

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. A. Moore Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	[illegible]					[illegible]		228		
	[illegible]					22		224		
	[illegible]					8		452		
	15.883	[illegible]				[illegible]	[illegible]		2517	
	[illegible]					8		3		
	[illegible]					5		13		
	14					32		126		
	[illegible]					[illegible]				
	[illegible]					193				
	[illegible]					9		190		
	[illegible]					9		383		
	13.776	[illegible]				[illegible]	[illegible]			
	[illegible]					[illegible]				
	[illegible]					[illegible]				
	[illegible]					[illegible]				
	[illegible]					[illegible]				
	[illegible]					[illegible]		192		
	[illegible]					1603				
	[illegible]	[illegible]				[illegible]	[illegible]			
		[illegible]					[illegible]			

F.B. 1373 P.G. 87

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party..... Weather Overcast-Hazy Inst. No.....
Notes by..... Time..... Rod No.....

Name L.A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From..... To.....
Date.....
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		56.034					46.391			
		.019		4.86						1373-12
		4.071					8			
										+74.071 -53.879 +20.192

F.B. 1373 P.G. 88

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. A. Moody Weather overcast & windy Inst. No. 500-10
Notes by R. Rodriguez Time 1:15 to Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 49-7 To B. 36-2
Date 12-19-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1					#11 64°					BM 49-7 N.W. Cor. of Palos Verdes Dr. N. & Stra[illegible] Lane. See F.B. 1373-13 for Decs.
2										J. Moody
3										
4		2								
5										
		4.854								

F.B. 1373 P.G. 89

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... 2105 Rod No. 11812

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6		4.854				400				
11										
8										
F.B. 1373 P.G. 90 9										
0										
		12.936						6		

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J.A. Moody Weather overcast Inst. No. 50010
Notes by R. Rodriguez Time 2:05 to 3:25 Rod No. 114 R

Name L.A. CO. PRECISE LEVEL NET
Job No. 0.30102
From B.M. 12-11 To B.M. 36-2
Date
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		6					16			
	7									
	632								3400	B.M. 36-2 ( )
										B.M. 49-7 to B.M. 36-2
										+20.851
										-118.978
										-98.127
										F.B. 1373 P.G. 91
		20851					118.978			

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party ..... Weather ..... Inst. No. .....
Notes by ..... Time 3:45 Rod No. .....

Name L.A. CO. PRECISE LEVEL NET
Job No. .....
From B.M. 36-2 To .....
Date .....
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1		✓	✓	✓			✓	✓	✓	BM 36-2 (Q-786) (U.S 4127) N.E Cor Palos Verdes Dr No. and Narbonne Ave See F.B. 1357-8 for desc.
2		✓	✓	✓			✓	✓	✓	L. Moody
		✓	✓	✓			✓	✓	✓	
		✓	✓	✓			✓	✓	✓	
		✓	✓	✓			✓	✓	✓	
		✓	✓	✓			✓	✓	✓	
			✓					✓		

F.B. 1373 P.G. 92

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather OVERCAST Inst. No. [illegible]
Notes by R. Rodriguez Time 2:05 to 4:00 Rod No. [illegible]

Name L.A. CO. PRECISE LEVEL NET
Job No. [illegible]
From B.M 36-2 To 3
Date [illegible]
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		6	0	1						
		89200					18431			

F.B. 1373 P.G. 93

76P526 S & E #379 1-54

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Chief of Party J. A. Moody Weather OVERCAST Inst. No. 50010
Notes by R. Rodriguez Time 2:05 to 2:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 36-2 To B.M. 49-7
Date 12-19-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	9.720	89200	139	2892		[illegible]	[illegible]	141	[illegible]	
	9.588		138			[illegible]		139		
	9.450		[illegible]			[illegible]		280		
	28.755	9588		3169		[illegible]	[illegible]		[illegible]	
12	10.149		124			0.905		123		BM 49-7 N.W. COR OF PALOS VERDES DR. No & STRAWBERRY LANE
	9925		123			0.782		124		
	9802		342			0.558		347		
	29.926	9925		3516		2.175	[illegible]		3498	See F.B 1373-13 FOR DISC.
13	10.432		193			[illegible]		[illegible]		+ 119.003
	10.239		[illegible]			[illegible]		[illegible]		+ 20.8[illegible]
	10.048		[illegible]			[illegible]		[illegible]		+ 98.126
	[illegible]	[illegible]		[illegible]		2.166	[illegible]		[illegible]	
		119.003					20.877			

F.B. 1373 P.G. 94

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. Moody Weather WINDY Inst. No. 50010
Notes by R Rodriguez Time 1:00 to 2:15 Rod No. 11

Name [redacted] A. CO. PRECISE LEVEL NET
Job No. 0301 02
From BM36-2 To BM36-3
Date 12-20-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	8.031 4.815 7.600 23.446	7.815	216 215 431	431	#11	3.223 2.815 2.604 8.442	2.814	208 211 419	419	BM36-2 (Q-786) (U.S 4127) NARBONNE AVE AND PALOS VERDES DR. NO. N.E. COR SEE F.B. 1357-8 FOR DESC.
2	8.513 8.345 8.179 25.037	8.346	168 166 334	765		1.603 1.335 1.268 4.306	1.435	168 167 335	754	J. MOODY
3	9.852 9.739 9.629 29.220	9.740	113 110 223	988		1.269 1.158 1.045 3.472	4.249 1.157	111 113 224	978	
4	10.981 10.845 10.709 32.535	10.845	136 136 272	1260		1.399 1.266 1.133 3.798	1.266	133 133 266	1244	
5	9.212 9.031 8.852 27.095	9.032	181 179 360	1620		2.125 1.935 1.745 5.805	1.935	190 190 380	1624	
		45.778					8.607			

F.B. 1373 P.G. 95

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. [illegible]
From BM 36-2 To BM 36-3
Date [illegible]
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.899	45.778	188	1620		3.503	[illegible]	191	1624	
	5.711		191			3.312		191		
	5.520		379			3.121		382		
6	17.130	5.710		1999		9.936	[illegible]		2006	
	6.890		196			4.268		190		
	6.694		194			[illegible]		187		
	6.500		390			3.891		377		
7	20.084	6.695		2389		12.237	[illegible]		[illegible]	
	5.791		194			[illegible]		193		
	5.597		194			[illegible]		194		
	[illegible]03		388			[illegible]		387		
8	16.791	5.597		2777		5.690	[illegible]		[illegible]	
F.	1.700		114			11.833		137		B.M. 36-3 (J-168) (U.S. 2872) Palos Verdes DR East, 0.25 Mi, So of Inter. of Palos Verdes DR No. See F.B. 1357-8 For Disc.
	1.563		111			11.719		135		
	1.428		225			11.608		1[illegible]72		
9	4.691	1.564		3002		35.160	11.720		[illegible]	
										+ 65.344
										− 29.615
10										+ 35.729
		65.344					29.615			

F.B. 1373 P.G. 96

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. Moody Weather Windy Inst. No. 50010
Notes by R. Rodriguez Time 2:15 to 3:35 Rod No. 11

Name [redacted] CO. PRECISE LEVEL NET
Job No. 2301.2
From BM 36-3 To BM 36-2
Date 12-20-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	1775 / 6[illegible]		110 / 100	210	58°	[illegible] / [illegible]		91 / 172	263	BM 36-3 (J-168)(U.S. 2872) Palos Verdes Dr. East, 0.25 Mi, So. of Inter. of Palos Verdes Dr. North. See F.B. 1867-9
2	[illegible] / [illegible]		[illegible] / 192	[illegible]		5.103 / 5.509 / 5.370		194 / 192 / 286	669	For Desc.
3	[illegible] / 12237		[illegible] / 80	[illegible]		[illegible] / 5.615 / 6.099 / 20087		[illegible] / 186 / 394 / 6690	1043	↑ J. Moody
4	3628 / 3438 / 3553 / 10.316		190 / 188 / 3.439	[illegible]		6.031 / 5.840 / 5.647 / 17.515		194 / 190 / [illegible] / 5.838	[illegible]	
5	[illegible] / 1.911 / 1.755 / 5.734		[illegible] / 156 / 1911	373 / 1732		9.192 / 9.006 / 8.821 / 27.019		186 / 185 / 1371 / 9.006	1371	
			22965					28629		

F.B. 1373 P.G. 97

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. Moody Weather Windy Inst. No. 50010
Notes by R. Rodriguez Time 2:15 to 3:35 Rod No. 11

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From [illegible] To [illegible]
Date 12-20-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	1354 1219 1086 3659	22.965 1.220	135 133 268	1732 2000		10932 10[illegible] 10662 2392	28.629 [illegible]	134 136 270	1798 2068	
7	[illegible]		111 111 222	2222		[illegible]		[illegible]	2[illegible]	
8	[illegible]	40[illegible]	[illegible]			[illegible]	19 20	335	2[illegible]25	
9	2068 2[illegible] 2652 8.5[illegible]	[illegible]	210 206 416	[illegible]		[illegible]		432	2[illegible]57	B.M 36-2 (Q-786)(U.S.4127) Narbonne Ave and Palos Verdes Dr. No, N.E. Cor See F.B. 1357-8 for desc.
										+ 29.459 − 65.192 − 35.733
		29459					65.192			

F.B. 1373 P.G. 98

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. Moody Weather Foggy Inst. No. 50010 → RERUN
Notes by R. Rodriguez Time 11.00 to 12 Rod No. 11912

Name L.A. CO. PRECISE LEVEL NET
Job No. 0.3.0.1.02
From BM 36-2 To K 1136-3
Date 12-21-55
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	[illegible] 2.8 [illegible] 2.5 [illegible] 433 23.442	2.814		433	#1	3.533 3.309 2.229 8.449	2.816	2.24 2.08 414	414	BM 1362 (Q 1116) U.S. 4 (1930) No. East Cor Palos Verdes Dr No, Ang Harbour Ave See F/B 1357-8 for Desc
2	[illegible] 169 [illegible] 169 [illegible] 920 [illegible]	[illegible]		920		1.322 1.153 1.221 3.696	[illegible]	169 169 [illegible] 920		⊼ J. Moody
3	9.200 9.558 9.446 28.204	[illegible]	112 112 [illegible] 991			[illegible] 3.021	1.007	222	962	
4	10.802 10.236 [illegible] 32.209	10.703	132 [illegible] 275	1266		1.292 1.158 1.025 3.475	1.158	134 133 [illegible] 1229		
5	[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible] 1605		2215 1.842	2.218 2.030 1.842 6.090	2.030	188 188 376	1605	

454.414 8.270

F.B. 1373 PG. 99

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: J. Moody Weather: Foggy Inst. No. 50010
Notes by: R. Rodriguez Time: 11 to 12 Rod No. 11812

Name: L.A. CO. PRECISE LEVEL NET
Job No. C 301.02
From: BM 36-2 To: BM 36-3
Date: 12-21-55
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.55	45.444	192	1635		3451	8.200	190	1605	
	5.663		190			3.251		189		
	[illegible]		382			3.002		379		
6	9.97	5.644		2017		9.78	[illegible]		1984	
	6.080		190			4155		192		
	6.577		188			4.008		192		
	6.339		378			3.955		390		
7	11.923	[illegible]		2395		11.878	[illegible]		2374	
	5.798		195			2.045		196		
	5.603		191			1.899		189		
	5.012		386			1.955		379		
8	16.812	5.604		2781		5.899	1.900		2042	
	1.448		117			1.600		122		BM 36-3 (4-56) (1.5 mi) Palos Verdes Dr East .55 mi so of Palos Verdes Dr No. See E.B. 185-R for disc
	1.331		119			1.478		122		
	1.212		236			1.356		244		
9	3.991	1.330		3017		4.434	1.478		3008	
										+64.620
										−28.868
										+35.752
		64.620					28.868			

F.B. 1373 P.G. 100

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. Moody Weather SUNNY Inst. No. 50010
Notes by R. RODRIGUEZ Time 1:30 to 5:15 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 36-3 To BM 36-2
Date 12-21-85
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.118		126		#11	0.958		115		BM 36-3 (J-168) (U.S. 28 [illegible])
	10.992		125			0.843		114		PALOS VERDES DR. EAST, 0.25 MI
	10.867		251			0.229		229		SO OF PALOS VERDES DR.
1	32.977	10.992		251		2.530	0.843		229	SEE F.B. 1352-[illegible] FOR DESC
	1.981		193			5.682		193		
	1.788		193			5.489		194		A. J. Moody
	1.595		386			5.295		387		
2	5.364	1.788		637		16.466	5.489		616	
	4.289		191			6.910		197		
	4.098		187			6.713		194		
	3.911		378			6.519		391		
3	12.298	4.099		1015		20.142	6.714		1007	
	3.512		192		5.912	5.912		192		
	3.320		188		5.724	5.720		188		
	3.132		380		5.536	5.532		380		
4	9.964	3.321		1395		17.164	5.721		1387	
	2.189		189			9.280		182		
	2.000		188			9.098		185		
	1.812		376			8.913		367		
5	6.001	2.000		1771		27.291	9.097		1754	
	22.200					27.864				

F.B. 1373 P.G. 101

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather Sunny Inst. No. 50010
Notes by R. Rodriguez Time 1:30 to 2:15 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 36-3 To BM 36-2
Date 12-21-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	1.301 1.168 1.033 3.502	22.200 1.167	133 135 268	1771 2039		10.883 10.748 10.612 32.243	27.864 10.748	135 136 271	1754 2025	
7	1.112 0.999 0.888 2.999	1.000	113 111 224	2263		9.693 9.580 9.471 28.744	9.581	113 109 222	2247	
8	1.582 1.413 1.246 4.241	1.414	169 165 334	2597		8.497 8.326 8.159 24.982	8.327	171 167 338	2585	
9	3.075 2.867 2.659 8.601	2.867	208 208 416	3013		8.084 7.866 7.649 23.599	7.866	218 217 435	3020	BM 36-2 Q7 Palos Verde Dr. N. & Narbonne N.E. Corner See F.B.
										+28.643 -64.386 -35.738

28.648 64.386

F.B. 1373 P.G. 102

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. Moody Weather SUNNY Inst. No. 50010 RERUN
Notes by R Rodriguez Time 2:35 to 3:35 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 030102
From BM36-2 To BM36-3
Date 12-21-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	8043 7827 7601 23481	7827	216 216 432	432	#11	3032 2823 2615 8470	2823	209 208 417	417	B.M. 36-2 (Q786 [illegible] 4127) No. East Cor Palos Verdes [illegible] [illegible] See [illegible] 8 [illegible] DESC
2	8512 8346 8179 25037	8346	166 167 333	765		1601 1432 1263 4296	1432	169 169 338	755	J. Moody
3	9827 9715 9603 29145	9715	112 112 224	989		1245 1133 1022 3400	1133	112 111 223	978	
4	10871 10735 10599 32205	10735	136 136 272	1261		1292 1158 1025 3475	1158	134 133 267	1245	
5	9302 9118 8932 27352	9117	184 186 370	1631		2208 2019 1834 6061	2020	189 185 374	1619	
		45740					8566			

F.B. 1373 P.G. 103

76P526 S & E #379 1-54

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Chief of Party: L. Meady Weather: SUNNY Inst. No. 50010
Notes by: R Rodriguez Time: 2:35 to 3:[illegible] Rod No. 11812

L.A. CO. PRECISE LEVEL NET
Name:
Job No. 030102
From: BM 36-2 To: BM 36-3
Date: 12-21-55
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.128	45.740	190	1631		3.732	8.566	193	1619	
	5.938		190			3.539		189		
	5.748		380			3.350		382		
6	12.814	5.938		2011		10.621	3.540		2001	
	6.891		194			4.269		190		
	6.697		196			4.079		187		
	6.501		390			3.892		377		
7	20.089	6.696		2401		12.240	4.080		2378	
	5.701		188			2.013		198		
	5.513		185			1.815		200		
	5.328		373			1.615		398		
8	16.542	5.514		2774		5.443	1.814		2776	
	1.414		116			11.571		126		BM 36-3 (J-168)(US 2842)
	1.298		116			11.445		126		PALOS VERDES DR. EAST .25 MI. S OF
	1.182		232			11.319		1252		PALOS VERDES DR. NO
9	3.894	1.298		3006		34.335	11.445		3028	SEE F.B. 354-8 FOR DISC.
										+65.186
										-29.445
										+35.741
		65.186					29.445			

F.B. 1373 P.G. 104

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: [illegible] Weather: Overcast Inst. No.: [illegible]
Notes by: Rodriguez [illegible] Time: 10:00 to 11:30 Rod No.: [illegible]

Name:
Job No.: 0391[illegible]
From: B.M. 32-2 To: B.M. 49-8
Date: 12-22-[illegible]
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	1238 1[illegible] [illegible] [illegible]	[illegible]	192 193 385	[illegible]	[illegible]	[illegible] [illegible] [illegible] [illegible]	[illegible]	187 203 390	397	Found (Q 776) (US 4127) No. East Cor Palos Verdes Dr No. and Narbonne Ave See F.B. 1357-8 for desc.
2	[illegible] 2012 1823 [illegible]	[illegible]	[illegible] [illegible] 378	763		[illegible] 8[illegible] [illegible] 26304	[illegible]	190 9 [illegible]	[illegible]	↑ L.A. [illegible]
3	[illegible] 2017 [illegible]	[illegible]	193 [illegible] [illegible]	[illegible]		9150 [illegible] 8793 26901	[illegible]	192 195 387	146	
4	[illegible]8 2185 1195 [illegible]258	[illegible]	193 190 383	1531		8896 8848 8509 26296	8699	192 190 382	1528	
5	[illegible] 2495 2303 7473	2498	[illegible] 195 1389	1920		8327 8132 7938 24397	8132	195 194 389	1917	
		10142					42809			

F.B. 1373 P.G. 105

76P526 S & E #379 1-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name [illegible]
Job No. [illegible]
From [illegible] To [illegible]
Date 12-27-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3025	10152	194	1930		8[illegible]	[illegible]	[illegible]	[illegible]	
	2831		193			[illegible]		196		
	[illegible]		[illegible]			[illegible]		389		
	[illegible]	[illegible]	[illegible]	[illegible]		24231	8077	[illegible]	[illegible]	
	[illegible]		195			7030		[illegible]		
	[illegible]		[illegible]			8338		[illegible]		
	[illegible]		391			[illegible]		[illegible]		
	8204	[illegible]	[illegible]	2698		[illegible]	[illegible]	[illegible]	[illegible]	
	1995		190			[illegible]		191		
	1808		190			4008		189		
	1618		380			9119		380		
S	[illegible]	[illegible]	[illegible]	3078		[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]		[illegible]			[illegible]		[illegible]		
	1972		[illegible]			[illegible]		[illegible]		
	1789		[illegible]			[illegible]		[illegible]		
9	5919	1973	[illegible]	467		[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]		[illegible]			[illegible]		195		
	[illegible]		189			[illegible]		191		
	[illegible]		379			[illegible]		386		
10	14857	4952	[illegible]	3846		8287	[illegible]	[illegible]	3831	
		24451					29923			

F.B. 1373 P.G. 106

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: [illegible] Moody Weather: [illegible] Inst. No.: [illegible]
Notes by: [illegible] Time: 10:[illegible] to 11:[illegible] Rod No.: [illegible]

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: BM 36-2 To: [illegible] 49-8
Date: 12-27-[illegible]
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	[illegible] 28866	[illegible] 9.622	[illegible]	3846 4091		[illegible] 0.343 [illegible]	[illegible] 0.460	122 123 245	[illegible]	
12	9782 9672 [illegible] 29020	9.673	110 106 216	4307		[illegible]	[illegible]	[illegible]	[illegible]	
13	[illegible] 29[illegible]	[illegible]	[illegible] 220	[illegible]27		[illegible] 2572	0.857	[illegible]	45[illegible]	
14	[illegible] 11279 [illegible]	[illegible]	[illegible]	[illegible]44		[illegible] 2073 1921 [illegible]	[illegible]	155 152 307	[illegible]	BM 49-8 Palos Verdes Dr. No. 0.40 mi West of Western Ave. SEE F.B. 1373-4 FOR DESC. SUMMATION OF RUN
15	[illegible] 31,480	10.662	[illegible] 175	5019		[illegible] 19160	6.387	[illegible] 189	5002	BM 36-2 to B.M. 49-8 total Backsights + 75.748 total Foresights − 90.566 Diff in Elev. − 14.818
		[illegible]					90.566			

F.B. 1373 P.G. 107

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J. A. Mobdy Weather overcast Inst. No. 50010
Notes by R. Rodriguez Time 10:00 to 11:13 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 36-2 To 7
Date 12-27-55
Indexed

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

F.B. 1373 P.G. 108

76P526 S & E #379 1-54

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Chief of Party J. Moody Weather Windy Inst. No. 50010
Notes by R Rodriguez Time 11:30 to Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030602
From BM 49-8 To BM 36-2
Date 12-27-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.427 6.332 6.238 18.997	6.332	.095 .094 .189	189	#11	10.692 10.603 10.518 31.813	10.604	.089 .085 .174	174	BM 49-8 Palos Verdes DR, No. 0.40 mi West of Western SEE F.B. 1373-14 FOR DESC.
2	2.133 1.981 1.829 5.943	1.981	.152 .152 .304	493		11.505 11.345 11.188 34.038	11.346	.160 .157 .317	491	⊼ J. Moody
3	[illegible] [illegible] [illegible] 2.338	[illegible]	[illegible]	[illegible]		[illegible] 9.825 9.715 29.477	9.826	[illegible] [illegible] .222	713	
4	1.035 0.928 0.823 2.786	0.929	.107 .105 .212	921		9.851 9.745 9.638 29.237	9.746	.109 .107 .216	929	
5	0.703 0.580 0.459 1.742	0.581	.123 .121 .244	1165		9.858 9.736 9.613 29.207	9.736	.122 .123 .245	1174	
		10.602					51.258			

F.B. 1373 P.G. 109

76P526 S & E #379 1-54

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Chief of Party: H. Moody Weather: H Inst. No.: 50010
Notes by: R. Rodriguez Time: 11:30 to Rod No.: 1512

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301
From: B1149-8 To: B1136-2
Date: 12-27-55
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.929	1.0602	194	1165		5.118	5.1258	188	1174	
	2.735		192			4.930		192		
	2.543		386			4.738		380		
6	8.207	2.736		1551		14.786	4.929		1354	
	8.269		196			7.008		195		
	8.071		196			1.813		194		
	7.875		392			1.619		389		
7	24.213	8.071		1943		5.440	1.813		1943	
	9.403		188			2.004		192		
	9.215		189			1.815		192		
	9.026		377			1.623		384		
8	27.644	9.215		2320		5.442	1.813		2320	
	9.082		191		2.982	2.982		194		
	8.891		192		2.788	2.788		195		
	8.699		383		2.593	2.593		389		
9	26.672	8.891		2703		8.363	2.788		2716	
	8.348		191			3.105		193		
	8.157		195			2.912		193		
	7.962		386			2.719		386		
10	24.467	8.156		3089		8.736	2.912		3102	
	47.669 / 77					65.515				

F.B. 1373 P.G. 110

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J Moody Weather Windy Inst. No. 50010
Notes by R Rodriguez Time 11:30 to 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 49-8 To BM 36-2
Date 12-27-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	8.4[illegible]	47.6~~69~~ 71	195	3089		2.773	65.515	195	3102	
	8213		194			2578		191		
	8019		389			2387		380		
	24.640	8.213		3478		7738	2579		3488	
12	9.122		190			2.507		194		
	8.932		190			2313		190		
	8742		380			2123		384		
	26.796	8.932		3858		6.943	2.314		3872	
13	9142		194			2.681		193		
	8.948		193			2488		195		
	8.755		387			2293		388		
	26.845	8.948		4245		7462	2.487		4260	
14	9.072		190			2.315		190		BM 36-2 (Q781 (U.S 4127)
	8.882		189			2125		190		No. East COR Palos Verdes DR.
	8.693		379			1.935		380		No. And Narbonne Ave.
	26.647	8.882		4624		6.375	2.125		4640	See F.B. 1357-8 for Desc.
15	8.666		190			1.472		194		total Backsights + 91.128
	8476		190			1.278		190		total Foresights − 76.299
	8286		380			1.088		384		Diff in Elev + 14.823
	25.428	8.476		5004		3838	1.279		5024	
		91.128					76.299			

F.B. 1373 P.G. 111

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party J.A. Moody Weather Sun & Woody Inst. No. 50010
Notes by R. Rodriguez Time 11:30 to 2:30 Rod No. 11 & 12

Name
Job No. 03.01.02
From 49-8 To 36-2
Date 12-27-52
Indexed

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

F.B. 1373 P.G. 112

76P526 S & E #379 1-54

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

Name L.A. Co. PRECISE LEVELING
Job No. 0301.02
From B.M. 49-8 To T.B.M. #3
Date 12-28-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.667		074		#11	8.931		068		B.M. 49-8
	3.593		074			8.863		065		PALOS VERDES DRIVE N, 0.4 MI.
	3.519		148			8.798		133		W. OF WESTERN AVE.
1	10.779	3.593		.148		26.592	8.864		135	SEE F.B. 1373-14 FOR DESC.
	1.252		124			9.645		122		
	1.128		125			9.523		121		
	1.003		249			9.402		243		T. J. MOODY
2	3.383	1.128		.397		28.570	9.523		.376	
	1.222		138			10.439		137		
	1.084		135			10.302		137		
	0.949		273			10.165		274		
3	3.255	1.085		.670		30.906	10.302		.650	
	1.059		117			9.983		121		
	0.942		114			9.862		117		
	0.828		231			9.745		240		
4	2.829	0.943		.901		29.588	9.863		.890	
	1.208		140			10.054		136		
	1.068		128			9.918		138		
	0.930		278			9.780		274		
5	3.206	1.069		1.179		29.752	9.917		1.164	
	7.815					43.469				

F.B. 1373 P.G. 113

76P526 S & E #379 1-54

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

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 36-2 To T.B.M. # 3
Date 12-28-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.908	7.818	123	1.179		10.291	48.469	126	1.164	
	0.785		123			10.165		124		
	0.662		246			10.041		250		
6	2.355	0.785		1.425		30.497	[illegible]		1.414	
	1.701		121			9.652		121		
	1.580		118			9.531		120		
	1.462		239			9.411		241		
7	4.743	1.581		1.664		28.594	9.531		1.655	
	0.958		143			10.384		141		
	0.815		143			10.243		141		
	0.672		286			10.102		282		
8	2.445	0.815		1.950		30.729	10.243		1.937	
	1.562		147			10.539		144		
	1.415		147			10.395		143		
	1.268		294			10.252		287		
9	4.245	1.415		2.244		31.186	10.395		2.224	
	1.351		142			9.918		146		
	1.209		141			9.772		143		
	1.068		283			9.629		289		
10	3.628	1.209		2.527		29.319	9.773		2.513	
		13.623					98.577			

F.B. 1373 P.G. 114

76P526 S & E #379 1-54

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

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 49-8 To T.B.M. #3
Date 12-28-55
Indexed K. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.835	13.633	200	2.527		10.148	98.577	200	2.513	
	0.635		198			9.948		200		
	0.437		1398			9.748		1400		
11	19.07	0.636		2.925		29.844	9.948		2.913	
	4.628		076			7.615		087		
	4.552		077			7.528		086		
	4.475		153			7.442		173		
12	13.655	4.552		3.078		22.585	7.528		3.086	
	1.671		113			9.582		098		T.B.M. #3
	1.558		115			9.484		097		WESTERN AVE. & PALOS VERDES DR. N.
	1.443		228			9.387		195		N.W. COR., W. SPL. IN CURB 28 FT
13	4.672	1.557		3.306		28.453	9.484		3.281	N. OF N. END CURB RETURN
										SUMMATION OF RUN
										BM 49-8 TO T.B.M. #3 AT WESTERN
										TOTAL BACKSIGHTS + 20.368
										TOTAL FORESIGHTS − 125.537
										DIFF IN ELEVATION − 105.169
										F.B. 1373 P. 115
		20.368					125.537			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART: CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO [illegible] Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. #3 To B.M. 49-8
Date 12-28-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.609		097		#11	1.698		115		T.B.M. #3
	9.512		099			1.583		111		WESTERN AVE & PALOS VERDES DR. N,
	9.413		196			1.472		226		N.W. COR, W. SPK IN CURB 28 FT
1	28.534	9.511		.196	62°	4.753	1.584		.226	N. OF N. END CURB RETURN
	7.502		086			4.518		077		
	7.416		087			4.441		075		T J. MOODY
	7.329		173			4.366		152		
2	22.247	7.416		.369		13.325	4.442		.378	
	9.919		200			0.612		200		
	9.719		200			0.412		200		
	9.519		400			0.212		400		
3	29.157	9.719		.769		1.236	0.412		.778	
	9.447		134			0.883		132		
	9.313		131			0.751		133		
	9.182		265			0.618		265		
4	27.942	9.314		1.034		2.252	0.751		1.043	
	10.058		140			1.072		133		
	9.918		137			0.939		131		
	9.781		277			0.808		264		
5	29.757	9.919		1.311		2.819	0.940		1.307	
		45.879					8.129			

F.B. 1373 P.G. 116

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Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:00 Rod No. 11 #12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. #3 To B.M. 49-8
Date 12-28-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.224	245.879	141	1.311		0.8[illegible]	8.129	142	1.307	
	10.101		140			0.677		145		
	9.961		281			0.532		287		
6	30.304	10.101		1.592		2.028	0.676		1.594	
	9.552		121			1.600		121		
	9.431		120			1.479		118		
	9.2[illegible]		241			1.361		239		
7	28.294	9.431		1.833		4.440	1.480		1.833	
	10.158		126			0.781		123		
	10.032		122			0.658		125		
	9.912		248			0.533		248		
8	30.100	10.033		2.081		1.972	0.657		2.081	
	9.812		137			0.967		141		
	9.675		136			0.826		138		
	9.539		273			0.688		279		
9	29.026	9.675		2.354		2.481	0.827		2.360	
	9.982		120			1.062		117		
	9.862		120			0.945		116		
	9.742		240			0.829		233		
10	29.586	9.862		2.594		2.836	0.945		2.593	
	94.981					12.714				

F.B. 1373 P.G. 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 G.E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. #3 To B.M. 49-8
Date 12-28-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.319	94.981	137	2.594		1.099	[illegible]	136	2.593	
	10.182		136			0.963		135		
	10.046		273			0.828		271		
11	30.547	10.182		2.867		2.890	0.963		2.864	
	9.496		121			1.103		124		
	9.375		120			0.979		121		
	9.255		241			0.858		245		
12	28.126	9.375		3.108		2.940	0.980		3.109	
	8.853		068			3.585		072		B.M. 49-8
	8.785		067			3.513		073		PALOS VERDES DR. N, 0.5 MI. W. OF
	8.718		135			3.440		145		WESTERN AVE.
13	26.356	8.785		3.243		10.538	3.513		3.254	SEE F.B. 1373-14 FOR DESC.
										SUMMATION OF RUN
										T.B.M. #3 TO B.M. 49-8
										TOTAL BACKSIGHTS + 123.323
										TOTAL FORESIGHTS − 18.170
										DIFF IN ELEVATION + 105.153
		123.323					18.170			

F.B. 1373 P.G. 118

76P526 S & E #379 1-54

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. #3 To B.M. 49-8
Date 12-29-55
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.633		100		#11	1.718		113		T.B.M. #3
	9.533		100			1.605		112		WESTERN AVE. & PALOS VERDES
	9.433		200			1.493		225		DR. N., N.W. COR., W. SPR IN
1	28.599	9.533		.200	55°	4.816	1.605		225	CURB 28' N. OF N. END C.R.
	7.355		082			4.379		080		
	7.273		081			4.299		079		
	7.192		163			4.220		159		
2	21.820	7.273		.363		12.898	4.299		.384	
	9.996		200			0.685		202		
	9.796		198			0.483		198		
	9.598		398			0.285		400		
3	29.390	9.797		.761		1.453	0.484		.784	
	9.432		132			0.873		134		
	9.300		129			0.739		132		
	9.171		261			0.607		266		
4	27.903	9.301		1.022		2.219	0.740		1.050	
	9.990		135			1.011		136		
	9.855		135			0.875		136		
	9.720		270			0.739		272		
5	29.565	9.855		1.292		2.625	0.875		1.322	
		45.759					8.003			

F.B. 1373 P.G. 119

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: CLOUDY Inst. No.: 50010
Notes by: G.E. DREIER Time: 9:50 T 0 10:00 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: T.B.M. #3 To: B.M. 49-8
Date: 12-29-55
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.339	45.759	141	1.292		0.918	8.263	145	1.322	
	10.198		140			0.773		143		
	10.058		28			0.630		288		
6	30.595	10.198		1.573		2.321	0.774		1.610	
	9.657		120			1.703		118		
	9.537		122			1.585		118		
	9.415		242			1.467		236		
7	28.609	9.536		1.810		4.755	1.585		1.846	
	10.185		126			0.809		124		
	10.059		122			0.685		124		
	9.937		248			0.561		248		
8	30.181	10.060		2.063		2.055	0.685		3.094	
	9.879		136			1.034		141		
	9.743		135			0.893		139		
	9.608		271			0.754		280		
9	29.230	9.743		2.334		2.681	0.894		2.374	
	10.030		121			1.110		117		
	9.909		119			0.993		115		
	9.790		240			0.878		232		
10	29.729	9.910		2.574		2.981	0.994		2.606	
		95.206					12.[illegible]5			

F.B. 1373 P.G. 120

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.0
From T.B.M. #3 To B.M. 49-8
Date 12-29-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.262	9.5206	134	2.574		1.048	12.935	137	2.606	
	10.128		136			0.911		136		
	9.992		1270			0.775		273		
11	30.382	10.127		2.844		2.734	0.911		2.879	
	9.441		122			1.048		125		
	9.319		121			0.923		121		
	9.198		243			0.802		246		
12	27.958	9.319		3.087		2.773	0.924		3.125	
	9.025		072			3.748		068		B.M. 49-8
	8.953		072			3.680		066		PALOS VERDES DR. N. 0.42 MI.
	8.881		144			3.614		134		W. OF WESTERN AVE
13	26.859	8.953		3.231		11.042	3.681		3.259	SEE F.B. 1373-14 FOR DESC.
									3231 6490 = 0.42 MI.	
										SUMMATION OF RUN T.B.M. #3 TO B.M. 49-8
										TOTAL BACKSIGHTS + 123.605 TOTAL FORESIGHTS − 18.451 DIFF IN ELEVATION + 105.154
	123.605					18.451				

F.B. 1373 PG. 121

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

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

F.B. 1373 P.G. 122

76P526 S & E #379 1-54

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:40 TO 11:40 Rod No. 11 & 12

Name I. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 49-8 To T.B.M. #3
Date 12-29-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.363		072		#11	8.628		069		B.M. 49-8
	3.291		073			8.559		066		PALOS VERDES DR. N., 0.42 MI. W. OF
	3.218		145			8.493		135		WESTERN AVE.
1	9.872	3.291		.145	53°	25.680	8.560		.135	SEE F.B. 1373-14 FOR DESC.
	1.082		124			9.478		120		
	0.958		121			9.358		121		
	0.837		245			9.237		241		T. J. MOODY
2	2.877	0.959		.390		28.073	9.358		.376	
	1.218		138			10.435		138		
	1.080		135			10.297		139		
	0.945		273			10.158		277		
3	3.243	1.081		.663		30.890	10.297		.653	
	1.098		116			10.022		120		
	0.982		114			9.902		120		
	0.868		230			9.782		240		
4	2.948	0.983		.893		29.706	9.902		.893	
	1.099		140			9.947		136		
	0.959		138			9.811		138		
	0.821		278			9.673		274		
5	2.879	0.960		1.171		29.431	9.810		1.167	
		7.274					47.927			

F.B. 1373 P.G. 123

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER
Notes by: G. E. DREIER
Weather: WINDY PART CLOUDY
Time: 10:40 TO 11:40
Inst. No.: 50010
Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 49-8 To: T.B.M. #3
Date: 12-29-55
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.905	7.274	124	1.171		10.283	9.927	125	1.167	
	0.781		123			10.158		123		
	0.658		247			10.035		248		
6	2.344	0.781		1.418		30.476	10.159		1.415	
	1.634		119			9.583		121		
	1.515		120			9.462		120		
	1.395		239			9.342		241		
7	4.544	1.515		1.657		28.387	9.462		1.656	
	0.998		143			10.422		140		
	0.855		143			10.282		141		
	0.712		286			10.141		281		
8	2.565	0.855		1.943		30.845	10.282		1.937	
	1.108		135			10.091		139		
	0.973		132			9.952		135		
	0.841		267			9.817		274		
9	2.922	0.974		2.210		29.860	9.953		2.211	
	0.838		133			9.401		132		
	0.705		131			9.269		131		
	0.574		264			9.138		263		
10	2.117	0.706		2.474		27.808	9.269		2.474	
		12.105					97.052			

F.B. 1373 P.G. 124

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather WINDY PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 10:40 TO 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 49-8 To T.B.M. #3
Date 12-29-55
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.709	12.105	199	2.474		10.018	97.053	200	2.474	
	0.510		198			9.818		200		
	0.312		397			9.618		400		
11	1.531	0.510		2.871		29.454	9.818		2.874	
	4.498		079			7.477		082		
	4.419		076			7.395		083		
	4.343		155			7.312		165		
12	13.260	4.420		3.026		22.184	7.395		3.039	
	1.965		112			9.883		102		T.B.M. #3
	1.853		112			9.781		102		WESTERN AVE & PALOS VERDES
	1.741		224			9.679		204		DR. N., N.W. COR., W. SPK. IN CURB
13	5.559	1.853		3.250		29.343	9.781		3.243	28' N. OF N. END CURB RETURN
										SUMMATION OF RUN
										B.M. 49-8 TO T.B.M. #3
										TOTAL BACKSIGHTS + 18.888
										TOTAL FORESIGHTS - 124.046
										DIFF IN ELEVATION - 105.158
		18.888					124.046			

F.B. 1373 P. 125

76P526 S & E #379 1-54

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LOS ANGELES COUNTY SURVEYOR

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

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

F.B. 1373 P.G. 126

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party: G.E. DREIER Weather: PART CLOUDY Inst. No. 50010
Notes by: G.E. DREIER Time: 2:30 TO 2:50 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 35-3 To: B.M. 35-2
Date: 12-28-55
Indexed: E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.773		191		#11	10.502		191		B.M. 35-3
	2582		189			10.311		191		WESTERN AVE. S. OF PALOS VERDES
	2.393		380			10.120		382		DR. N.,
1	7.748	2.583		.380	57°	30.933	10.311		.382	SEE F.B. 13569 FOR DESC.
	1378		145			9.225		140		
	1.233		142			9.085		139		↑ J. MOODY
	1.091		287			8.946		279		
2	3.702	1.234		.667		27.256	9.085		.661	+6.716
	2.991		093			8.582		088		- 27.890
	2.898		090			8.494		088		- 21.174
	2.808		183			8.406		176		
3	8.697	2.899		.850		25.482	8.494		.837	
	6.716					27.890				T.B.M. #3 (OF LINE 49)
										WESTERN AVE & PALOS VERDES
										DR. N., N.W. COR.
										WIRE SPK IN CURB 28 FT.
	1.175		133			9.822		130		N. OF N. END CURB RETURN
	1.042		131			9.692		130		
	0.911		264			9.562		260		
4	3.128	1.043		1.114		29.076	9.692		1.097	

F.B. 1373 P.G. 127

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 5 0010
Notes by G. E. DREIER Time 2:30 TO 2:50 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 35-3 To B.M. 35-2
Date 12-28-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.213	1.043	148	1.114		10.243	9.[illegible]	150	1.097	
	1.065		146			10.093		148		
	0.919		294			9.945		298		
5	3.197	1.066		1.408		30.281	10.[illegible]94		1.395	
	1.779		129			10.168		149		
	1.650		131			10.019		148		
	1.519		260			9.871		297		
6	4.948	1.649		1.668		30.058	10.019		1.692	+8.707
	1.615		131			9.614		132		-57.409
	1.484		129			9.482		130		T.B.M. #3 TO 35-2 -48.702
	1.355		260			9.352		262		35-3 TO T.B.M. #3 -21.174
7	4.454	1.485		1.928		28.448	9.483		1.954	35-3 TO 35-2 -69.876
	1.758		133			9.618		130		
	1.625		130			9.488		129		
	1.495		263			9.359		259		
8	4.878	1.626		2.191		28.465	9.488		2.213	
	1.963		125			8.758		126		B.M. 35-2
	1.838		126			8.632		124		WESTERN AVE. S. AT TRACT
	1.712		251			8.508		250		LINE S. OF HILLCREST AVE
9	5.513	1.838		2.442		25.898	8.633		2.463	SEE F.B. 1356-8 FOR DESC.
		2.707					57.[illegible]9			

F.B. 1373 P.G. 128

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NO.
Job No. 0301.02
From B.M. 35-2 To B.M. 35-3
Date 12-28-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.734		126		#11	1.939		126		B.M. 35-2
	8.608		123			1.813		125		WESTERN AVE & TRACT LINE
	8.485		249			1.688		251		S. OF HILLCREST AVE.
1	25.827	8.609		249	57°	5.440	1.813		.251	SEE F.B. 1356-8 FOR DESC.
	9.603		128			1.745		132		
	9.475		130			1.613		131		↑ J. Moody
	9.345		258			1.482		263		
2	28.423	9.474		.507		4.840	1.613		.514	
	9.678		130			1.679		129		
	9.548		130			1.550		132		
	9.418		260			1.418		261		
3	28.644	9.548		.767		4.647	1.549		.775	
	10.117		151			1.728		130		
	9.966		148			1.598		130		
	9.818		299			1.468		260		
4	29.901	9.967		1.066		4.794	1.598		1.035	
	10.290		151			1.259		147		
	10.139		147			1.112		146		
	9.992		298			0.966		293		
5	30.421	10.140		1.364		3.337	1.112		1.328	
		47.738					7.685			

F.B. 1373 P.G. 129

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: PART CLOUDY Inst. No. 50010
Notes by: G. E. DREIER Time: 2:50 TO 3:20 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 35-2 To: B.M. 35-3
Date: 12-28-55
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.729	47.738	131	1.364		1.081	7.685	131	1.328	
	9.598		130			0.950		132		
	9.468		261			0.818		263		+ 57.336
6	28.795	9.598		1.625		2.849	0.950		1.591	− 8.635
										+ 48.701
		57.336					8.635			T.B.M. #3 (LINE #49) WESTERN AVE. & PALOS VERDES DR. N., N.W. COR., WIRE SPK IN CURB 28 FT N. OF N END C.R.
	8.677		088			3.083		091		
	8.589		088			2.992		091		
	8.501		176			2.901		182		+ 28.689
7	25.767	8.589		1.801		8.976	2.992		1.773	− 6.911
										T.B.M. #3 TO 35-3 + 21.178
	9.305		142			1.456		144		35-2 TO T.B.M. #3 + 48.701
	9.163		140			1.312		141		DIFF IN ELEV. 35-3 TO 35-2 + 69.879
	9.023		282			1.171		285		
8	27.491	9.164		2.083		3.939	1.313		2.058	
	10.519		184			2.802		197		B.M. 35-3
	10.335		182			2.605		194		WESTERN AVE S. OF PALOS
	10.153		366			2.411		391		VERDES DR. N.
9	31.007	10.336		2.449		7.818	2.606		2.449	SEE F.B. 1356-9 FOR DESC
		28.089					6.911			

F.B. 1373 PG. 130

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather BREEZE PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 1:35 TO 2:10 Rod No. 11 & 12

L.A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 49-8 To S.P. HILLS 0-3
Date 12-29-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.367		182		#11	8.663		186		B.M. 49-8
	3.185		181			8.477		188		PALOS VERDES DR. N, 0.4 MI
	3.004		363			8.289		374		W. OF WESTERN AVE.
1	9.556	3.185		363	56°	25.429	8.476		374	SEE F.B. 1373-14 FOR DESC.
	8.179		188			1.273		190		
	7.991		192			1.083		190		
	7.799		380			0.893		380		T. J. MOODY
2	23.969	7.990		743		3.249	1.083		754	
	11.822		220			4.152		204		
	11.602		217			3.948		205		SUMMATION OF RUN
	11.385		437			3.743		409		B.M. 49-8 TO SAN PEDRO HILLS 0-3
3	34.809	11.603		1.180		11.843	3.948		1.163	TOTAL BACKSIGHTS + 34.059
	6.656		188			2.875		200		TOTAL FORESIGHTS − 18.644
	6.468		187			2.675		197		DIFF IN ELEVATION + 15.415
	6.281		375			2.478		397		
4	19.405	6.468		1.555		8.028	2.676		1.560	
	4.921		108			2.562		101		SAN PEDRO HILLS 0-3
	4.813		109			2.461		102		TRIANGULATION STATION
	4.704		217			2.359		203		
5	14.438	4.813		1.772		7.382	2.46		1.763	
	34.059					18.644				

1956
F.B. 1373 P.G. 131

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 2:15 TO 2:48 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From S.P. HILLS 0-3 To B.M. 49-8
Date 12-29-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.522		103		#11	4.879		108		SAN PEDRO HILLS 0-3 1936
	2.419		101			4.771		110		TRIANGULATION STATION
	2.318		204			4.661		218		
1	7.259	2.420		204	51°	14.311	4.770		218	
	2.892		202			6.672		186		
	2.690		198			6.486		187		
	2.492		400			6.299		373		
2	8.074	2.691		604		19.457	6.486		591	
	4.295		205			11.962		220		
	4.090		203			11.742		217		SUMMATION OF RUN
	3.887		408			11.525		437		SAN PEDRO HILLS 0-3 TO B.M. 49-8
3	12.272	4.091		1.012		35.229	11.743		1.028	TOTAL BACKSIGHTS + 18.638
	1.258		192			8.166		190		TOTAL FORESIGHTS − 34.052
	1.066		190			7.976		188		DIFF IN ELEVA − 15.414
	0.876		382			7.788		378		
4	3.200	1.067		1.394		23.930	7.977		1.406	
	8.557		188			3.258		183		B.M. 49-8
	8.369		187			3.075		180		PALOS VERDES DR. N., 0.4 mi.
	8.182		375			2.895		363		W. OF WESTERN AVE.
5	25.108	8.369		1.769		9.228	3.076		1.769	SEE F.B. 1373-14 FOR DESC.
		18.638					34.052			

F.B. 1373 P.G. 132

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by E. E. Brooks
Checked	Notes E. E. Brooks Date July-Aug 1964
Date	Indexed C. J. GALM NOV 1 0 '64

F. B. 1373 PG. 133

J.N. 0301.02

L.A. COUNTY PRECISE LEVEL NET

LINE No 49

RE RUN.

From Palos Verdes Dr. W.

To Western Ave

Via Palos Verdes Dr. N.

BM descriptions
F.B. 1373 – 5 To 14
F.B. 3700 – 7 To 62

FE Brooks
K M Kapp
M L Bustrum
RJ Rodriguez
S. Will

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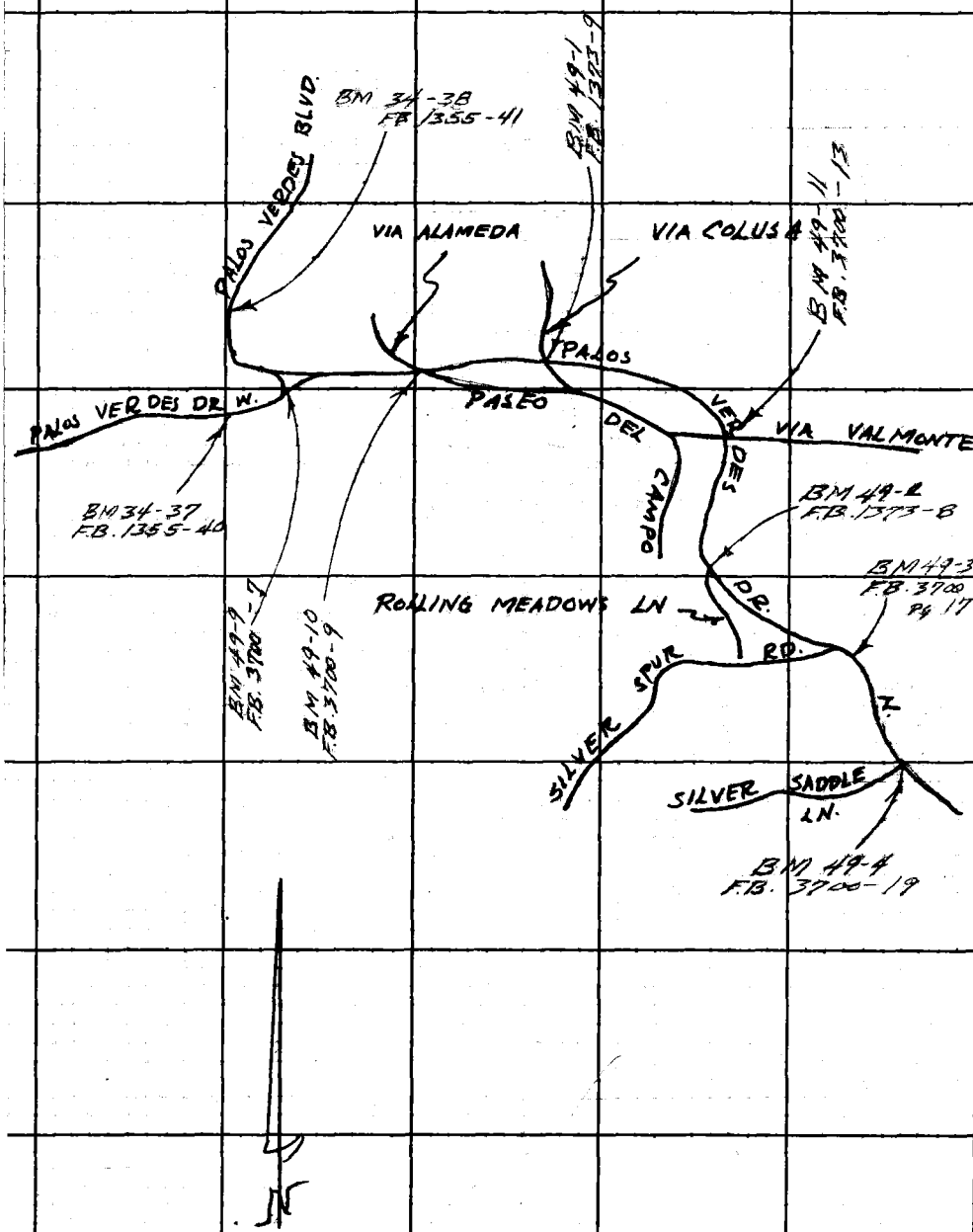
76F309S CE #310 6-63

F. B. 1373 PG. 134

B. M. INDEX
LINE No 49



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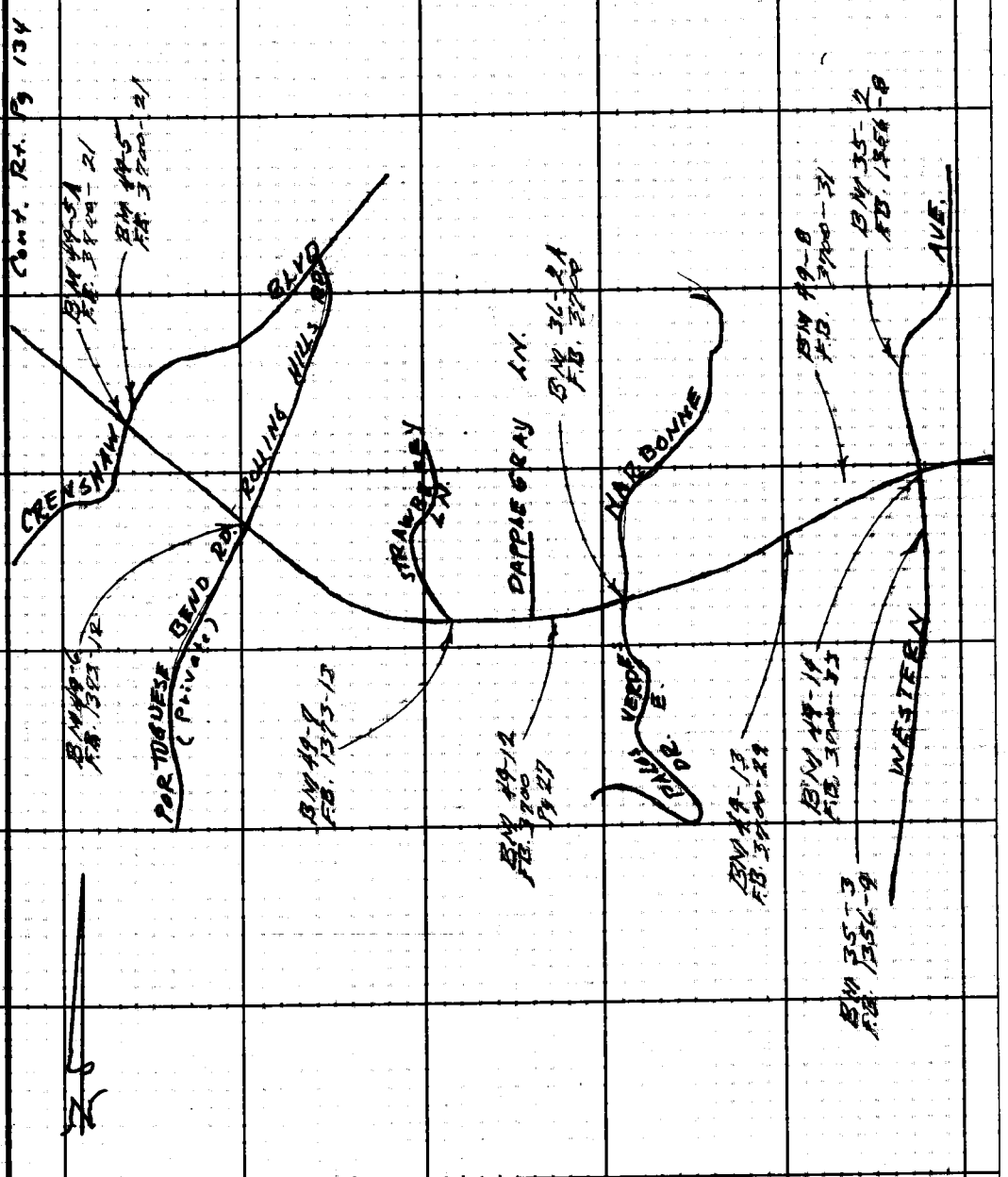
Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 1373 Pg. 135
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date July-Aug 1964	
Date	Indexed C. J. GALLI	

B.M. INDEX
LINE No 49



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76F309S CE #310 6-63

F. B. 1373 PG. 136

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C.E.346

RECOVERY REPORT

~~GEODETIC STATION~~ - - - - - (Line out one) - - - - - PRECISE BENCH MARK

F.E. Brooks — Party Chief

1373-53 — F. B. Reference

7-28-64 — Date

Sta. No.	Estab. By	Year	Quad. Sheet	Condition Mark	R. Ms.	Stamped	Obstructions
TBM #2	County Engineer	1955					

General Remarks, New Routes, Replacement, etc.

This mark is a L.&T. in the middle of a curb return, which is badly cracked. It's a lousy point for a B.M. not used.

See F.B. 3700-13 for a new descrip. on BM 49-11

Note: Return completed reports to Geodetic Sec., Survey Div., Co. Engr. Office

76P526 CE # 308 3-61

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 34-38								
1	66	471	367 5	85 47 38	236	119	537 5	255 217 38
2	79	392	380 5	98 60 38 76	255	660	556 5	274 236 38 76
3	141	860	442 5	162 120 42 118	208	248	509 5	228 188 40 116
4	95	341	396 5	117 73 44 162	249	615	550 5	272 226 46 162
5	45	528	346 5	71 19 52 214	200	382	501 5	226 174 52 214
6	228	475	529 5	241 215 26 240	9	887	310 5	22 9 13+2 26 240
7	266	239	567 5	273 259 14 254	28	851	329 5	36 20 16 256
8	262	172	563 5	271 253 18 272	42	560	343 5	51 33 18 274
9	299	385	600 5	299 286 13+2 26 298	59	408	360 5	73 45 28 302
10	189	940	490 5	205 173 32 330	127	978	428 5	139 115 24 326
	~~1675~~ 1674	~~213~~ 813 ✓			1418	708 ✓		
BM 34-37								

DESCRIPTION AND REMARKS

FROM BM 34-38 TO BM 34-37

BM 34-38 (USC&GS F 781)
Palos Verdes Blvd at General Tele. Bldg. See F.B. 1355-41

π Kapp

Summation of Run
From B.M. 34-38
To B.M. 34-37

Total Backsights = + ~~1675.213~~ 1674.813 ✓
Total Foresights = − 1418.708 ✓
Diff. Elev. = + ~~256.505~~ 256.105 ✓

Backsight stadia = 330 ✓
Foresight Stadia = 326 ✓
Total Stadia = 656 ✓ meters

BM 34-37 (USC&G.S. G-169)
Palos Verdes Dr. W. at Malaga Cove Plaza See F.B. 1355-40

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 31 July 1964

INDEXED DATE

WEATHER Overcast INST. NO. 9677

TIME 9:30 – 10:00 ROD NO. 9-19

NOTES CHKD C. J. GALLI DATE

F.B. 1373 PG. 13

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WEATHER Overcast INST. NO. 96216
TIME 1125-1210 ROD NO. 9-19
NOTES CHKD DATE NOV 16 '64

SURVEY OF L.A. Co. Precise Level Nat
SURVEY BY E. E. Brooks NOTES E. E. Brooks
INDEXED E. J. GALLI DATE
F.B. 1373 PG. 38 JOB NO.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 34-37 TO BM 34-38
BM 34-37									BM 34-37 (USC&GS G169) Palos Verdes Dr. W at Malaga Cove Plaza See F.B. 1355-40
1	126	748	427	5 140 112 28	188	748	489	5 203 173 30	
2	69	950	370	5 83 55 28 56	296	540	597	5 296 284 12 24 54	
3	42	215	343	5 51 33 18 74	275	749	576	5 284 266 18 72	Summation of Run From B.M. 34-37 To B.M. 34-38
4	47	317	348	5 54 40 14 68	266	892	567	5 273 259 14 86	
5	40	148	341	5 48 32 16 104	215	368	516	5 222 208 14 100	
6	105	315	406	5 118 92 26 130	150	785	451	5 164 136 28 128	Total Backsights = + 1512.943 ✓
7	184	352	485	5 194 174 20 150	109	191	410	5 118 100 18 146	Total Foresights = − 1769.055 ✓
8	227	938	528	5 244 210 34 184	84	040	385	5 102 66 36 182	Diff. Elev. = − 256.112 ✓
9	230	378	531	5 254 206 48 232	97	170	398	5 121 73 48 230	256.112
10	185	695	486	5 208 162 46 148	37	692	338	5 62 12 50 250	Backsight stadia = 324 ✓
11	252	887	553	5 275 229 46 324	46	280	347	5 68 24 44 324 ✓	Foresight Stadia = 324 ✓
	1512	943 ✓			1769	055 ✓			Total Stadia = 648 ✓
BM 34-38									BM 34-38 (USC&GS F-761) Palos Verdes Blvd at General Tele. Co. See F.B. 1355-41

76P526 CE # 308 3-61

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JOB NO. 0301.02 L.A. COUNTY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks DATE 31 July 1964 WEATHER Hazy
NOTES BY TIME 10:05 - 10:15 INST. NO. 2176
INDEXED DATE NOTES CHK'D G. J. GALLI DATE ROD NO. 9-12
F.B. 1373 Pg. 139

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 34-37 TO BM 49-9
BM 34-37									BM 34-37 (USC&G.S. 6169) Palos Verdes Dr. W. at Malaga Cove Plaza See FB 1355-40
1	127	087	428	5	140 / 114	26	189	080	490 5	202 / 176	26
2	63	228	364	5	77 / 49	28 / 54	297	568	598 5	297 / 285	12 / 24 / 50
3	53	448	354	5	62 / 44	18 / 92	278	739	579 5	288 / 268	20 / 70
4	43	722	344	5	50 / 36	14 / 86	276	512	577 5	283 / 269	14 / 84
5	126	342	427	5	129 / 123	6 / 92	196	236	497 5	199 / 193	6 / 90
	413	827			1238	135			
BM 49-9									BM 49-9 Palos Verdes Dr. W. & N. and Palos Verdes Blvd. See F.B. 3700-9

T Katt

Summation of Run
From B.M. 34-37
To B.M. 49-9

Total Backsights = + 413.827
Total Foresights = − 1238.135
Diff. Elev. = ′ − 824.308

Backsight stadia = 92
Foresight Stadia = 90
Total Stadia = 182
metrics

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-9 TO BM 34-37
BM 49-9									BM 49-9 Palos Verdes Dr. N. & W. and Palos Verdes Blvd. see F.B. 3700-9
1	191	412	492 5	194 188 6	109	220	410 5	112 106 6	
2	264	675	565 5	271 257 14 20	45	588	346 5	52 38 14 20	π Kapp
3	269	212	570 5	278 260 18 38	35	503	336 5	44 26 18 38	
4	298	090	599 5	298 285 13x2 26 64	71	810	372 5	85 57 28 66	
5	193	252	494 5	207 179 28 92	130	201	431 5	144 116 28 94	
	1216	641			392	322			
BM 34-37									BM 34-37 (USC & GS G-169) Palos Verdes Dr. W at Malaga Cove Plaza see F.B. 1555-40

Summation of Run
From B.M. 49-9
To B.M. 34-37

Total Backsights = + 1216.641
Total Foresights = − 392.322
Diff. Elev. = + 824.319

Backsight stadia = 92
Foresight Stadia = 94
Total Stadia = 186 meters

F.B. 1373 Pg. 140

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F. E. Brooks

INDEXED C. J. GALLI DATE

WEATHER Hazy - Windy INST. NO. 96716

TIME 11:00 - 11:10 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 16 '64

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY E. E. Brooks

NOTES BY E. E. Brooks

DATE 31 July 1964

WEATHER Hazy

TIME 10:20 - 11:05

INST. NO. 26716

ROD NO. 9-19

INDEXED

DATE

NOTES CHKD G. J. GALLI DATE

F.B. 1373 PG. 141

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM 49-9 TO BM 49-10
BM 49-9											BM 49-9 Palos Verdes Dr's. N.E. W.E. Palos Verdes Blvd. See FB ~~1375-75~~ 3700-7 T Kapp
1	275	885	576	5	287 263 24	70	098	371	5	82 58 24	
2	190	843	491	5	210 170 40 64	44	658	345	5	63 25 38 62	
3	286	969	587	5	301 271 30 94	4	591	305	5	18 4 14x2 28 90	
4	283	490	584	5	295 271 24 118	26	100	327	5	40 12 28 118	
5	273	700	574	5	286 260 26 144	10	728	310	5	23 10 13x2 26 144	
6	274	482	575	5	287 261 26 170	32	330	333	5	45 19 26 190	
7	295	700	596	5	295 282 13x2 26 196	5	530	306	5	19 5 14x2 28 198	
8	294	118	595	5	294 284 10x2 20 216	4	127	305	5	13 4 9x2 18 216	
9	276	638	577	5	285 267 18 234	19	955	320	5	28 10 18 234	
10	295	695	596	5	295 286 9x2 18 252	7	412	308	5	16 7 9x2 18 252	
11	293	180	594	5	302 284 18 270	29	120	330	5	38 20 18 270	
12	280	300	581	5	288 272 16 286	38	238	339	5	47 29 18 288	

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA 286	RIGHT	MIC.	LEFT.	STADIA 288	FROM BM 49-9 TO BM 49-10
13	275	390	576 5	283 267 16 302	51	670	352 5	60 42 18 306	
14	257	608	558 5	275 239 36 338	25	408	326 5	40 25 15x2 30 336	
	3853	998			369	964			
BM 49-10									BM 49-10 Palos Verdes Dr. N. & Via Alameda and Paseo Del Campo. See F.B. 3700-9

Summation of Run
From B.M. 49-9
To B.M. 49-10

Total Backsights = + 3853.998
Total Foresights = − 369.964
Diff. Elev. = + 3484.034

Backsight stadia = 338
Foresight Stadia = 336
Total Stadia = 674 metres

F.B. 1373 PG. 142

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY F.E. Brooks NOTES F.E. Brooks

INDEXED C.J. GALLI DATE

WEATHER Hazy INST. NO. 96716

TIME 10:20 - 11:05 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 16 '64

76P526 CE # 308 3-61

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L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-10 TO BM 49-9
BM 49-10									BM 49-10
1	21	790	322 5	36 21 15x2 30	252	796	553 5	270 234 36	Palos Verdes Dr. N. & Via Alameda and Pasco Del Campo
2	49	438	~~43~~ 350 5	58 40 18 48	274	481	575 5	282 266 16 52	See F.B. 3700-9
3	41	878	342 5	50 32 18 66	279	690	580 5	288 270 18 70	π Kopp
4	19	892	320 5	28 10 18 84	283	800	584 5	291 275 16 86	
5	13	248	314 5	33 3 20 104	287	332	588 5	296 278 18 104	
6	10	700	311 5	19 10 9x2 18 122	286	870	587 5	295 277 18 122	
7	8	402	309 5	18 8 10x2 20 142	287	481	588 5	296 278 18 140	
8	7	249	308 5	19 7 12x2 24 166	~~295~~ 290	~~960~~ 110	~~596~~ 591 5	~~295 282~~ 302 278 13x2 26 24 164	
9	22	352	323 5	36 8 28 194	285	020	586 5	298 272 26 190	
10	32	218	333 5	44 20 24 218	290	544	591 5	290 277 13x2 26 216	
11	40	~~42~~ 478	341 5	58 27 26 244	292	752	593 5	292 279 13x2 26 242	
12	10	450	311 5	23 10 13x2 26 270	296	803	597 5	296 281 15x2 30 292	

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

SURVEY BY F. E. Brooks

NOTES BY E. E. Brooks DATE 3 Aug 1964

INDEXED DATE

WEATHER Hazy - Windy INST. NO. 92916

TIME 10:15 - 10:55 ROD NO. 9-19

NOTES CHKD. C. J. GALLI DATE

F.B. 1373 PG. 143

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Hazy - windy INST. NO. 9816
TIME 10:15 - 10:55 ROD NO. 8-19
NOTES CHKD. DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-10 TO BM 49-9
				270				272	
13	42	130	343 5	61 23 38 308	190	478 ~~468~~	441 5	211 169 42 314	
14	74	555	375 5	88 60 28 330 ✓	280	838	581 5	291 269 22 330 ✓	
	394	780 ✓			3878	995 ✓			
BM 49-9									BM 49-9 Palos Verdes Dr. N & W. and Palos Verdes Blvd. see F.B. 3700-7

Summation of Run
From B.M. 49-10
To B.M. 49-9

Total Backsights = + 394.780 ✓
Total Foresights = − 3878.995 ✓
Diff. Elev. = − 3484.215 ✓

Backsight stadia = 330 ✓
Foresight Stadia = 330 ✓
Total Stadia = 692 meters

F.B. 1373 PG. 144 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F.E. Brooks NOTES F. E. Brooks
INDEXED C. J. GALL DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-10 TO BM 49-1
BM 49-10									BM 49-10
1	86	412	387 5	102 70 32	90	386	391 5	106 74 32	Palos Verdes Dr. N. & Via Alameda & Paseo Del Compo.
2	240	312	541 5	260 220 40 72	56	548	357 5	77 35 42 74	See FB. 3700-9
3	282	999	583 5	301 263 38 110	9	212	310 5	29 9 20x2 40 114	π Kapp
4	296	902	597 5	296 276 20x2 40 150	11	479	312 5	30 11 19x2 38 152	Summation of Run From B.M. 49-10 To B.M. 49-1
5	285	580	586 5	302 268 34 184	19	240	320 5	36 19 17x2 34 186	
~~6~~					~~8~~	~~120~~	~~309 5~~	~~26 8 18x2 36 222~~	
~~7~~ 6	293	726	594 5	293 277 16x2 32 216	26	828	327 5	41 11 30 216	Total Backsights = + 2831.739 ✓ Total Foresights = − 673.491 ✓ Diff. Elev. = + 2158.248 ✓
7	277	420	578 5	291 263 28 244	67	522	368 5	80 54 26 242	
8	278	391	579 5	291 265 26 270	61	964	362 5	74 48 26 268	Backsight stadia = 334 ✓
9	298	540	599 5	298 284 14x2 28 298	39	519	340 5	52 26 26 294	Foresight Stadia = 332 ✓ Total Stadia = 666 meters
10	282	158	583 5	295 269 26 324	90	840	391 5	103 77 26 320	
11	209	299	510 5	214 204 10 334	199	953	500 5	205 193 12 332	BM 49-1
	2831	739 ✓			673	491 ✓			Palos Verdes Dr. N and Via Colusa see F.B. 1373-9
BM 49-1									

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

SURVEY BY F. E. Brooks DATE 31 July 1964 WEATHER Clear INST. NO. 96716

NOTES BY F. E. Brooks DATE TIME 11:10 - 11:50 ROD NO. 9-19

INDEXED DATE NOTES CHKD. C. J. GALLI DATE

F.B. 1373 PG. 145

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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F.B. 1373 Pg. 146 JOB NO. 0301.02

SURVEY OF

SURVEY BY B.E. Brook NOTES M. Rustling

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 46116

TIME 9:30 - 10:10 ROD NO. 2-19

NOTES CHKD. [illegible] DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM 49-1 TO BM 49-10
BM 49-1											BM 49-1 Palos Verdes Dr. N. and Via Colusa See F.B. 1373-9
1	197	321	498	5	203 191 12	206	122	507	5	212 200 12	
2	85	558	386	5	97 73 24 36	277	743	578	5	290 264 26 38	T Kapp
3	37	512	338	5	51 23 28 64	297	155	598	5	297 283 14x2 28 66	Summation of Run From B.M. 49-1 To B.M. 49-10
4	66	241	367	5	79 53 26 90	263	932	564	5	277 249 28 94	
5	48	310	349	5	61 35 26 116	295	267	596	5	295 281 14x2 28 122	
6	35	301	336	5	52 18 34 150	296	052	597	5	296 282 14x2 28 150	Total Backsights = + 702.392 ✓ Total Foresights = -2860 536 ✓ Diff. Elev. = -2158.144 ✓
7	49	693	350	5	65 33 32 182	297	000	598	5	297 281 16x2 32 182	
8	12	068	313	5	32 12 20x2 40 222	300	066	601	5	300 281 19x2 38 220	
9	9	891	310	5	29 9 20x2 40 262	301	172	602	5	301 281 20x2 40 260	Backsight stadia = 336 ✓ Foresight Stadia = 334 ✓ Total Stadia = 670 ✓
10	70	837	371	5	91 49 42 304	240	308	541	5	260 220 40 300	
11	89	660	390	5	105 73 32 336	85	719	386	5	102 68 34 334	
	702	392				2860	536				
BM 49-10											BM 49-10 Palos Verdes Dr. N. and Via Alameda & Paseo Del Campo See F.B. 3700-9

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks WEATHER clear - windy INST. NO. 8976

NOTES BY F. E. Brooks DATE 31 July 1964 TIME 1:30- ROD NO. 918

INDEXED DATE NOTES CHKD. C. J. GALLI DATE

F.B. 1373 PG. 147

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM 49-1 TO BM 49-11
BM 49-1											BM 49-1 P 8105 Verdes Dr. N. & Via Colusa. See FB 1373-9 T Kopp
1	260	552	561	5	274 246 28	28	951	329	5	43 13 30	
2	278	411	579	5	298 258 40 68	67	081	368	5	87 47 40 70	
3	225	590	526	5	244 206 38 106	112	400	413	5	131 93 38 108	
4	216	655	517	5	236 196 40 146	112	885	413	5	132 92 40 148	
5	231	269	532	5	254 208 46 192	97	888	398	5	119 75 44 192	
6	192	479	493	5	216 168 48 240	135	799	436	5	156 114 42 234	
7	204	398	505	5	229 181 46 286	96	872	397	5	114 78 36 270	
8	261	378	562	5	278 244 34 320	70	702	371	5	90 50 40 310	
9	250	392	551	5	259 241 18 338	35	342	336	5	48 22 26 336	
10	268	011	569	5	279 257 22 360	34	402	335	5	45 23 22 358	
11	291	910	592	5	291 279 12 384	47	771	348	5	59 35 24 382	
12	231	902	532	5	243 219 24 408	95	918	396	5	108 82 26 408	

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 49-1 TO BM 49-11
13	287	001	588 5	287 408 / 270 17x2 34 442	4	059	305 ~~304~~ 5	21 408 / 4 17x2 34 442	
14	286	250	587 5	298 / 274 24 466	19	411	320 5	32 / 6 26 468	
15	239	296	540 5	249 / 229 20 486	123	670	424 5	134 / 112 22 490	
16	243	746	544 5	254 / 232 22 508	71	962	372 5	81 / 61 20 510	
	3969	230			1155	113			
BM 49-11									BM 49-11 Palos Verdes Dr. N. and Via Valmonte See F.B. 3700-13

Summation of Run
From B.M. 49-1
To B.M. 49-11

Total Backsights = + 3969.230
Total Foresights = − 1155.113
Diff. Elev. = + 2814.117

Backsight stadia = 508
Foresight Stadia = 510
Total Stadia = 1018 metres

F.B. 1373 PG. 148

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F. E. Brooks

INDEXED C. J. GALLI DATE

WEATHER Clear Windy INST. NO. 96716

TIME 1:30 - 2:35 ROD NO. 9-19

NOTES CHKD [signature] DATE NOV 16 '64

76P526 CE # 308 3-61

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-11 TO BM 49-1
BM49-11									BM 49-11
1	131	708	432 5	146 116 30	280	152	581 5	295 265 30	Palos Verdes Dr. N. and Via Valmonte
2	78	870	379 5	84 72 12 42	218	422	519 5	225 211 14 44	See F.B. 3700-13
3	22	809	323 5	36 8 28 70	288	319	589 5	300 276 24 68	π Kapp
4	4	480	305 5	21 4 17x2 34 104	287	552	588 5	287 270 17x2 34 102	
5	99	500	400 5	112 86 26 130	234	500	535 5	247 221 26 128	
6	60	681	361 5	73 47 26 156	295	851	596 5	295 282 13x2 26 154	
7	47	933	348 5	59 35 24 180	292	492	593 5	292 280 12x2 24 178	
8	42	172	343 5	53 31 22 202	256	448	557 5	267 245 22 200	
9	78	875	379 5	96 60 36 238	271	506	572 5	289 253 36 236	
10	95	192	396 5	115 75 40 278	199	086	500 5	220 178 42 278	
11	133	116	434 5	154 112 42 320	184	727	485 5	205 163 42 320	
12	96	062	397 5	120 72 48 368	236	340	537 5	259 213 46 366	

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

SURVEY BY E. E. Brooks

NOTES BY E. E. Brooks DATE 31 July 1964

INDEXED DATE

WEATHER Clear-Windy INST. NO. 96-416

TIME 2:30-305 ROD NO. 9-19

NOTES CHKD. C. J. GALLI DATE NOV 16 '64

F.B. 1375 PG. 149

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-11 TO BM 49-1
				368				366	
13	112	504	413 5	132 92 40 408	217	830	518 5	236 198 38 404	
14	114	220	415 5	133 95 38 446	226	108	527 5	245 207 38 442	
15	64	078	365 5	84 44 40 486	274	990	575 5	294 254 40 482	
16	30	550	331 5	44 16 28 514	262	143	563 5	277 247 30 512	
	1212	750			4026	466			
BM 49-1									BM 49-1 Palos Verdes Dr. N. & Via Colusa see F.B. 1373-9

Summation of Run
From B.M. 49-11
To B.M. 49-1

Total Backsights = + 1212.750
Total Foresights = − 4026.466
Diff. Elev. = − 2813.716

Backsight stadia = 514
Foresight Stadia = 512
Total Stadia = 1026 meters

F.B. 1373 Pg. 150

SURVEY OF L.A. Co. Precise Level Net JOB NO. 0301.02

SURVEY BY F. E. Brooks NOTES F. E. Brooks

INDEXED C. J. GALLI DATE

WEATHER Clear - windy INST. NO. 96716

TIME 2:30 - 3:05 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 16 '64

76P526 CE # 308 3-61

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-11 TO BM 49-2
BM 49-11									BM 49-11 Palos Verdes Dr. N & Via Valmonte See FB 3700-13
1	193	097	494 5	219 167 52	152	705	457 5	178 126 52	
2	119	240	420 5	137 101 36 88	215 ~~214~~	009	516 5	234 196 38 90	
3	63	663	364 5	74 52 22 110	271	857	592 5	284 258 26 116	π Kopp
4	117	329	418 5	143 91 52 162	139	232	440 5	162 116 46 162	Summation of Run From B.M. 49-11 To B.M. 49-2
5	177	982	478 5	204 150 54 216	45	999	346 5	72 18 54 216	
6	283	468	584 5	283 262 21x2 42 258	38	467	339 5	58 18 40 256	Total Backsights = + 1528.683 ✓ Total Foresights = − 970.079 ✓ Diff. Elev. = + 558.604 ✓
7	274	963	575 5	283 265 18 276	37	949	338 5	46 28 18 274	
8	298	941	599 5	298 290 8x2 16 292	168	861	369 5	77 59 18 292	Backsight stadia = 292 ✓ Foresight Stadia = 292 ✓ Total Stadia = 584 ✓ meters
	1528	683 ✓			970	079 ✓			
BM 49-2									BM 49-2 Palos Verdes Dr. N. and Rolling Meadows Rd See F.B. 1373-2

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

SURVEY BY E. E. Brooks WEATHER Hazy - Windy INST. NO. 96716

NOTES BY E. E. Brooks DATE 3 Aug 1964. TIME 1:20 - 1:50 ROD NO. 9-19

INDEXED DATE NOTES CHK C. J. GALLI DATE [illegible] NOV 6 '64

F.B. 1373 PG. 251

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM49-2								
1	70	503	371 5	78 62 16	298	960	599 5	298 290 2x8 16
2	36	337	337 5	45 27 18 34	283	370	584 5	292 274 18 34
3	41	418	342 5	61 21 40 74	295	370	596 5	295 274 2x21 42 76
4	63	530	364 5	91 35 56 130	177	749	478 5	204 150 54 ~~190~~ 130
5	138	868	489 5	163 113 ~~130~~ 50 180	117	620	418 5	141 93 48 178
6	275	211	576 5	288 262 26 206	66	161	367 5	77 55 22 200
7	211	190	512 5	229 193 36 242	115	968	416 5	134 96 38 238
8	153	330	454 5	178 128 50 292	193	828	494 5	220 166 54 ~~292~~ 292
	~~1842~~ 990	~~774~~ 387			1549	026		
BM 49-11								

DESCRIPTION AND REMARKS

FROM BM 49-2 TO BM 49-11

BM49-2
Palos Verdes Dr. N. and Rolling Meadows Rd.
See F.B. 1373-8

$\overline{n}$ = Kapp

Summation of Run
From B.M. 49-2
To B.M. 49-11

Total Backsights = + ~~1842.774~~ 990.387
Total Foresights = − 1549.026
Diff. Elev. = + ~~293.748~~ −558.639

Backsight stadia = 292
Foresight Stadia = 292
Total Stadia = 584 meters

BM 49-11
Palos Verdes Dr. N. and Via Valmonte
See F.B. 3700-13

F.B. 1373 PG. 152 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES R.J. Rodriguez
INDEXED C. J. GALLI DATE 8-4-64

WEATHER Clear INST. NO. 9-16
TIME 10:40 - 11:15 ROD NO. 9-19
NOTES CHKD [illegible] DATE Nov 16 '64

76P526 CE # 308 3-61

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-2 TO BM 49-3
BM 49-2									BM 49-2 Palos Verdes Dr. N. & Rolling Meadows Rd. See FB. 1373-8
1	156	890	457 5	166 146 20	23	783	324 5	34 12 22	
2	172	431	473 5	189 155 34 54	26	289	327 5	44 8 36 58	π Kapp
3	299	888	600 5	299 280 19×2 38 92	90	528	391 5	108 72 36 94	Summation of Run From B.M. 49-2 To B.M. 49-3
4	201	611	502 5	225 177 48 140	123	375	424 5	148 98 50 144	
5	164	196	465 5	192 136 56 196	194	930	495 5	217 171 46 190	
6	110	478	411 5	134 86 48 244	179	850	480 5	206 152 54 244	Total Backsights = + 1323.032 ✓ Total Foresights = − 884.121 ✓ Diff. Elev. = + 438.911 ✓
7	136	730	437 5	156 116 40 284	116	063	417 5	137 95 42 286	
8	180	808	481 5	188 172 16 300	129	303	430 5	138 120 18 304	
	1323	032 ✓			884	121 ✓			Backsight stadia = 300 ✓ Foresight Stadia = 304 ✓ Total Stadia = 604 Meters
BM 49-3									BM 49-3. Palos Verdes Dr. Near Silver Spur Rd See FB 3700-17

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

SURVEY BY E. E. Brooks

NOTES BY M. Bustrum DATE 8-3-64

INDEXED DATE

WEATHER Clear-windy INST. NO. 96/16

TIME 2:00 - 2:35 ROD NO. 949

NOTES CHKD C. J. GALLI DATE NOV 16 '64

F.B. 1373 PG. 157

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 1373 PG. 154 JOB NO. 0301.02

SURVEY OF F.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES E.E.B.

INDEXED C. J. Gatt DATE

WEATHER Clear INST. NO. 96716

TIME 9:55 - 10:25 ROD NO. 9-19

NOTES CHKD DATE NOV 16 64

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 49-3 TO BM 49-2
BM 49-3													BM 49-3 Palos Verdes Dr. Near Silver Spur Rd. See FB 3700-17
1	118	762	419	5	126 110	16	171	951	472	5	180 162	18	
2	114	411	415	5	135 93	42 58	129	372	430	5	148 110	38 56	T Kapp
3	173	972	474	5	199 147	52 110	115	780	416	5	141 89	52 108	
4	200	826	501	5	224 176	48 168	160	730	461	5	187 133	54 162	Summation of Run From B.M. 49-3 To B.M. 49-2
5	132	920	433	5	158 106	52 210	216	778	517	5	240 192	48 210	
6	90	241	391	5	168 82	36 246	295	372	596	5	295 276	19 38 248	Total Backsights = + 904.209
7	24	758	325	5	42 6	36 282	193	288	494	5	210 176	34 282	Total Foresights = − 1443.400
8.	48	319	349	5	58 38	20 302	160	129	461	5	170 150	20 302	Diff. Elev. = − 539.191
	904	209					1443	400					Backsight stadia = 302
													Foresight Stadia = 302
													Total Stadia = 604 meters
BM 49-2													BM 49-2 Palos Verdes Dr. N. & Rolling Meadows Rd. See FB. 1373-8

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks WEATHER Clear - Windy

NOTES BY F. E. Brooks DATE 3 Aug 1964 TIME 2:33 - 3:15 INST. NO. 26716

INDEXED DATE NOTES CHKD. C. J. GALLI DATE MY 16 64 ROD NO. 9-14

F.B. 3773 PG. 155

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia
BM 49-3								
1	180	448	461 5	204 156 48	137	201	438 6	161 113 48
2	199	888	480 5	204 154 50 98	122	832	423 5	146 98 48 96
3	69	400	370 5	91 47 44 142	265	318	566 5	289 241 48 194
4	53	496	354 5	66 40 26 168	256	732	557 5	268 244 24 168
5	20	425	321 5	35 5 30 198	801	475	602 5	321 286 15x2 30 198
6	28	810	329 5	42 14 28 226	296	411	597 5	296 284 12x2 24 222
7	31	490	332 5	44 18 26 252	280	532	581 5	295 265 30 252
8	41	880	347 5	63 29 34 286	197	085	498 5	214 180 34 286
9	157	571	458 5	181 133 48 334	148	941	449 5	172 124 48 334
10	162	660	463 5	190 134 56 390	069	338	370 5	96 42 54 388
	931	068			2075	865		
BM 49-4								

FROM BM 49-3 TO BM 49-4

BM 49-3
Palos Verdes Dr near Silver Spur Rd.
See FB 3700-17

T Kapp

Summation of Ben
From B.M. 49-3
To B.M. 49-4

Total Backsights = + 931.068
Total Foresights = − 2075.865
Diff. Elev. = −1144.797

Backsight stadia = 390
Foresight Stadia = 388
Total Stadia = 778 meters

BM 49-4
Palos Verdes Dr N and Silver Saddle Lane See F.B. 3700-19

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Haze INST. NO. 96716
TIME 9:10 - 9:50 ROD NO. 9-19
NOTES CHKD. DATE NOV 16 64

F.B. 1373 PG. 156 JOB NO. 0301.02
SURVEY OF LA Co. Precise Level Net
SURVEY BY E. Brooks NOTES R. Rodriguez
INDEXED L. J. GALLI DATE 8-9-64

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 49-4 TO BM 49-3
BM 49-4									BM 49-4 Palos Verdes Dr. N. and Silver Saddle Lane See F.B. 3700-19
1	067	563	5368 5	94 40 54	160	860	461 5	188 132 56	
2	198	058	449 5	172 124 48 102	153	578	454 5	176 130 46 102	T Kapp
3	191	380	492 5	208 174 34 136	045	380	346 5	62 28 34 136	
4	276	450	577 5	291 261 30 166	028	893	329 5	40 16 24 100	
5	276	570	577 5	257 265 22 188	005	260	306 5	20 5 ½ 15 30 190	Summation of Run From B.M. 49-4 To B.M. 49-3
6	302	020 ~~080~~	603 5	302 286 ½ 1.6 220	027	231	328 5	42 12 30 220	N.G.
7	260	875	561 5	272 248 24 244	052	757	353 5	65 39 26 296	Total Backsights = + 2038 000
8	263	382	564 5	287 239 48 292	066	598	367 5	88 44 44 290	Total Foresights = − 893 630
9	119	880	420 5	143 95 48 340	178	353	479 5	203 153 50 340	Diff. Elev. = + 1,194.370
10	131	822	432 5	155 107 48 388	174	560	475 5	198 150 48 388	Backsight stadia = 388
	2038	000			893	630			Foresight Stadia = 388
									Total Stadia = 776 meters
BM 49-3									BM 49-3 Palos Verdes Dr. N. near Silver Spur Rd. See F.B. 3700-17

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 49-4									FROM BM 49-4 TO BM 49-3
1	64	812	365 5	71 37 54	158	129	459 5	186 130 ~~450~~ 56	BM 49-4 Palos Verdes Dr. N. and Silver Saddle Lane See F.B. 3700-19
2	145	552	446 5	168 122 40 100	150	788	451 5	174 126 48 104	T Kapp
3	192	261	493 5	210 174 36 136	45	560	346 5	62 28 34 138	
4	277	529	578 5	293 261 32 168	32	106	333 5	44 20 24 162	Summation of Run From B.M. 49-4 To B.M. 49-3
5	286	880	587 5	297 275 22 190	15	212	316 5	30 15 15x2 30 192	
6	294	096	595 5	294 279 15x2 30 220	47	940	318 5	32 3 29 221	Total Backsights = + 2051.166 ✓
7	260	580	561 5	272 248 24 244	52	983	353 5	65 39 26 247	Total Foresights = − 906.383 ✓ Diff. Elev. = + 1144.783 ✓
8	280	088	581 5	280 256 24x2 48 292	82	523	383 5	104 60 44 291	Backsight stadia = 388 ✓
9	120	330	421 5	144 96 48 340	172	750	473 5	197 147 50 341	Foresight Stadia = 389 ✓ Total Stadia = 777 ✓ meters.
10	129	038	430 5	153 105 48 388	178	392	479 5	202 154 48 389 ✓	
	2051	166 ✓			906	383 ✓			
BM 49-3									BM 49-3 Palos Verdes Dr. N. near Silver Spur Rd. See F.B. 3700-17

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 4 Aug 1964

INDEXED DATE

WEATHER Clear INST. NO. 96776

TIME 11:20 - 11:50 ROD NO. 9-19

NOTES CHKD C. J. GALLI DATE

F.B. 1373 PG. 157

F.B. 1373 PG. 158 JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 49-4								
1	65	650	366 5	89 41 48	133	340	434 5	157 109 48
2	92	240	393 5	115 69 46 94	294	545	595 5	294 272 2x22 44 92
3	33	796	339 5	48 18 30 124	288	710	589 5	288 275 2x13 26 118
4	39	163	340 5	50 28 22 146	295	978	596 5	295 281 2x14 28 146
5	27	149	328 5	40 14 26 172	281	098	582 5	294 268 26 172
6	37	000	338 5	48 26 22 194	259	270	560 5	270 248 22 194
7	43	952	344 5	69 17 52 246	228	060	529 5	254 202 52 246
8	151	503	452 5	168 134 34 280	135	108	436 5	152 118 34 280
9	199	712	500 5	212 186 26 306	101	763	402 5	115 87 28 308
~~10~~	690	165			2017	872	~~5~~	
B.M-49-5								

DESCRIPTION AND REMARKS

FROM BM 49-4 TO BM 49-5

BM 49-4
Palos Verdes Dr. N. and Silver Saddle Lane
See F.B. 3700-19

π Kapp

Summation of Run
From B.M. 49-4
To B.M. 49-5

N.G.

Total Backsights = + 690,165
Total Foresights = − 2017,872
Diff. Elev. = − 1327,707

Backsight stadia = 306
Foresight Stadia = 308
Total Stadia = 614 meters

B.M-49-5
Palos-Verdes Dr. N. & Crenshaw Blvd
See F.B. 3700-21

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E. E. Brooks
NOTES BY R. Rodriguez DATE 8-4-64
INDEXED DATE
WEATHER Sunny INST. NO. 96716
TIME 1:40 - 2:20 ROD NO. 9-19
NOTES CHKD C. J. GALLI DATE
F.B. 1373 PG. 159

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM-49-5 TO BM 49-4
BM-49-5									BM 49-5 Palos Verdes DR. No. & Crenshaw Blvd See F.B. 3700-21
1	109	951	410 5	122 96 26	211	573	572 5	224 198 26	
2	137	769	438 5	154 120 34 60	150 ~~213~~	394	451 5	167 133 34 60	π Rodriguez
3	222	421	523 5	248 196 52 112	38	199	339 5	64 12 52 112	
4	252	612	553 5	263 241 22 134	29	048	330 5	40 18 22 134	Summation of Run From B.M. 49-5 To B.M. 49-4
5	294	933	595 5	294 279 15x2 30 164	46	692	347 5	61 31 30 164	
6	293	862	594 5	293 279 14x2 28 192	33	341	334 5	47 19 28 192	
7	296	759	597 5	296 280 16x2 32 224	42	901	343 5	58 26 32 224	Backsight stadia = 316
8	282	631	583 5	282 260 22x2 44 268	~~[illegible]~~ ~~[illegible]~~ 78	~~[illegible]~~ ~~773~~ 111	~~406 5~~ ~~421 5~~ 379 5	~~128 82~~ ~~142 98~~ 101 55 ~~46~~ ~~208~~ 270	Foresight Stadia = 318 Total Stadia = 634 meters
9	123	392	424 5	147 99 48 316	55	958	356 5	79 31 48 318	Total Backsights = + 2014.330 Total Foresights = − 686.217 Diff. Elev. = +1328.113
	2014	330			686	217			
B.M-49-4									B.M-49-4 Palos Verdes DR. No & Silver Saddle Lane See F.B. 3700-19

F.B. 1373 PG. 160

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brook NOTES F.E.B.

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

WEATHER Hazy

TIME 10:10-10:45

NOTES CHKD [illegible] DATE NOV 16 '64

INST. NO. 96716

ROD NO. 9-19

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 49-4								
1	61	252	362 5	86 36 50	128	642	429 5	152 104 48
2	83	439	384 5	106 60 46 96	284	401	585 5	284 262 22x2 44 92
3	24	822	325 5	38 10 28 124	283	333	584 5	296 270 26 118
4	35	545	336 5	47 23 24 148	289	025	590 5	289 276 13x2 26 144
5	43	815	344 5	55 31 24 172	293	596	594 5	293 279 14x2 28 172
6	22	616	323 5	34 10 24 196	250	990	551 5	261 239 22 194
7	39	821	340 5	65 13 52 248	221	350	522 5	248 194 54 248
8	142	048	443 5	158 126 32 280	129	301	430 5	146 112 34 282
9	193	179	494 5	206 180 26 306	94	035	395 5	108 80 28 310
	646	537			1974	681		
BM 49-5								

DESCRIPTION AND REMARKS

FROM BM 49-4 TO BM 49-5

BM 49-4
Palos Verdes Dr. N. and Silver Saddle Lane
See F.B. 3700-19

π Rodriguez

Summation of Run
From B.M. 49-4
To B.M. 49-5

Total Backsights = + 646.537
Total Foresights = − 1974.681
Diff. Elev. = −1328.144

Backsight stadia = 306
Foresight Stadia = 310
Total Stadia = 616 meters

BM 49-5
Palos Verdes Dr. N. and Crenshaw Blvd see F.B. 3700-21

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks
NOTES BY F.E.B. DATE 7 Aug 1964
INDEXED DATE
WEATHER Clear
TIME 1:20 - 1:55
NOTES CHKD C. J. GALIT DATE
INST. NO. 96716
ROD NO. 9-19
F.B. 1373 PG. 161

F.B. 1373 PG. 162 JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-5 TO BM 49-5A
BM 49-5	144	360	445 5	153 135 18	212	908	513 5	221 203 18	BM 49-5 Palos Verdes Dr. N. & Crenshaw Blvd. See FB 3700-21
									T Kapp
BM 49-5A									BM 49-5A Palos Verdes Dr. N. & Crenshaw Blvd. See F.B. 3700-21

Summation of Run
From B.M. 49-5
To B.M. 49-5A

Total Backsights = + 144.360
Total Foresights = − 212.908
Diff. Elev. = − 68.548

Backsight stadia = 18
Foresight Stadia = 18
Total Stadia = 36 meters

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

SURVEY BY E. E. Brooks DATE 4 Aug 1964 WEATHER Clear INST. NO. 96766

NOTES BY E. E. Brooks DATE 4 Aug 1964 TIME 2:10 ROD NO. 9-19

INDEXED DATE NOTES CHKD C. J. GALLI DATE [illegible] NOV 16 '64

F.B. 1774 3 PG. 163

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 42716 ROD NO. 9-18 DATE NOV 16 '64

WEATHER Clear TIME 9:55 NOTES CHKD. [illegible]

F.B. 1373 PG. 164 JOB NO. 0361.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES E. E. Brooks

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-5A TO BM 49-5
BM 49-5A									BM 49-5A Palos Verdes Dr. N. & Crenshaw Blvd. See F.B. 3700-21 T Rodriguez
	217	952	51B	5	226 208	18	149	437	450 5 152 140 18
BM 49-5									BM 49-5 Palos Verdes Dr. N. and Crenshaw Blvd. See F.B. 3700-21

Summation of Run
From B.M. 49-5A
To B.M. 49-5

Total Backsights = + 217.952 ✓
Total Foresights = − 149.437 ✓
Diff. Elev. = + 68.515 ✓

Backsight stadia = 18 ✓
Foresight Stadia = 18 ✓
Total Stadia = 36 ✓ meters

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-5A TO BM 49-6
BM 49-5A									BM 49-5A Palos Verdes Dr. N. & Crenshaw Blvd. See FB 3700-21
1	272	891	573 5	294 250 44	48	853	349 5	70 26 44	
2	216	956	517 5	238 194 44 88	55	760	356 5	76 34 42 86	
3	264	738	565 5	286 242 44 132	82	665	383 5	106 38 48 134	π Kapp
4	246	698	547 5	271 221 50 182	108	368	409 5	129 87 42 176	
5	156	120	457 5	184 128 56 238	223	820	524 5	254 192 62 238	
6	79	793	380 5	105 53 52 290	258	182	559 5	283 233 50 288	
7	113	818	414 5	141 85 56 346	103	870	404 5	132 74 58 346	
8	264	788	565 5	279 249 30 376	84	918	385 5	98 90 28 344	
9	288	629	589 5	288 271 17x2 34 410	52	661	353 5	69 35 34 408	
10	271	600	572 5	287 255 32 442	60	020	361 5	76 44 32 440	
11	285	632	586 5	285 264 21x2 42 484	23	947	324 5	44 3 41 481	
12	289	980	588 5	287 270 19x2 34 518	51	030	352 5	69 33 36 517	

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

SURVEY BY E. E. Brooks

NOTES BY E. E. Brooks DATE 4 Aug 1964

INDEXED DATE

WEATHER Clear

TIME 2:10

NOTES CHKD C. J. GALLI DATE

INST. NO. 96716

ROD NO. 9-19

F.B. 1377 PG. 165

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA 518	RIGHT	MIC.	LEFT.	STADIA 517	FROM BM 49-5A TO BM 49-6
13	214	338	515.5	226 202. 24 542	167	400	468 5	179 155 24 541	
	2963	980			1321	494			
BM 49-6									BM 49-6 Palos Verdes Dr. N. and Rolling Hills Rd. see F.B. ~~3700~~ 1373-12

Summation of Run
From B.M. 49-5A
To B.M. 49-6

Total Backsights = + 2963.980
Total Foresights = − 1321.494
Diff. Elev. = + 1642.486

Backsight stadia = 542
Foresight Stadia = 541
Total Stadia = 1083 meters

F.B. 1373 PG. 166

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES E. E. Brooks

INDEXED J. GALLI DATE

JOB NO. 0301.02

WEATHER Clear

TIME 2:10 - 2:55

NOTES CHKD [illegible] DATE NOV 16 '64

INST. NO. 967/6

ROD NO. 9-19

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-6 TO BM 49-5 A
BM 49-6									BM 49-6
1	180	325	481 5	192 168 24	225	014	526 5	237 213 24	Palos Verdes Dr. N. and Rolling Hills Rd.
2	52	372	353 5	70 35 35 59	293	588	594 5	293 276 17x2 34 58	See F.B. 1373-12
3	25	899	326 5	46 4 42 101	285	088	586 5	285 264 21x2 42 100	T Rodriguez
4	57	011	358 5	73 41 32 133	272	242	573 5	288 256 32 132	
5	57	992	358 5	74 40 34 167	290	813	591 5	290 273 17x2 34 166	
6	73	725	374 5	87 59 28 175	253	280	554 5	268 238 30 196	
7	92	197	393 5	120 64 56 251	100	170	401 5	128 72 56 252	
8	257	960	538 5	282 232 50 301	80	668	381 5	106 54 52 304	
9	216	112	517 5	246 186 60 361	150	579	451 5	178 122 56 360	
10	104	682	405 5	125 83 42 403	241	717	542 5	266 216 50 410	
11	94	330	395 5	119 69 50 453	277	992	578 5	298 256 42 452	
12	56	418	357 5	76 36 40 493	217	487	518 5	239 195 44 496	

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

SURVEY BY F. E. Brooks

NOTES BY S. J. Hill DATE 5 Aug 1964

INDEXED DATE

WEATHER Hazy

TIME 9:00 -

NOTES CHKD C. J. GALLI DATE

INST. NO. 46916

ROD NO. 9-19

F.B. 1373 PG. 167

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-6 TO BM 49-5A
13	48	478	349 5	72 493 24 48 541	271	209	572 5	292 496 250 42 538	
	1,317.491				2,959.847				
BM 49-5A									BM 49-5A Palos Verdes Dr. N. and Crenshaw Blvd See F.B. 3700-21

Summation of Run
From B.M. 49-6
To B.M. 49-5A

Total Backsights = + 1317.491
Total Foresights 2959.847
Diff. Elev. = - 1642.356

Backsight stadia = 541
Foresight Stadia = 538
Total Stadia = 1,079 meters

F.B. 1373 PG. 168 JOB NO. 0701.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES S. J. Will
INDEXED C. J. GALLI DATE

WEATHER Hazy INST. NO. 96716
TIME 9:00 - 9:55 ROD NO. 9-19
NOTES CHKD [illegible] DATE NOV 16 '64

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks
NOTES BY S. J. Kirk DATE Aug. 5, 1964 WEATHER Hazy INST. NO. 96216
TIME 11:02 - 12:00 ROD NO. 9-19
INDEXED DATE NOTES CHKD. G. J. Galt DATE
F.B. 1373 Pg. 169

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 49-6 TO BM 49-7
BM 49-6									BM 49-6 Palos Verdes Dr. N. & Rolling Hills Rd. See FB 1373-12
1	203	746	504 5	228 178 50	287	181	588 5	284 262 22 262 52	
2	60	269	361 5	73 47 26	254	747	555 5	267 241 26	
3	81	789	382 5	95 67 28	233	009	534 5	245 219 24	T Rodriguez
4	73	269	374 5	91 55 36	182	901	483 5	201 163 38	Summation of Run From B.M. 49-6 To B.M. 49-7
5	115	870	416 5	141 89 52	99	582	400 5	126 72 54	
6	155	443	456 5	102 127 56	125	620	426 5	150 100 50	Total Backsights = + 1483.453 ✓
7	156	202	457 5	179 133 46	145	546	446 5	172 118 54	Total Foresights = − 2099.146 ✓
8	115	445	416 5	140 90 50	151	681	452 5	176 126 50	Diff. Elev. = − 615.693 ✓
9	129	980	430 5	149 109 40	190	239	491 5	210 170 40	Backsight stadia = 504 ✓
10	149	421	450 5	173 125 48	167	669	468 5	192 142 50	Foresight Stadia = 508 ✓
11	115	012	416 5	127 93 44	167	239	468 5	187 145 44	Total Stadia = 1012 ✓ metrics
12	127	067	428 5	147 113 28	93	732	394 5	106 80 26	BM 49-7 Palos Verdes Dr. N. & Strawberry Lane See F.B. 1373-13
	1483.453 ✓			504	2099.146 ✓			508	
BM 49-7									

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Clear TIME 11:20 TO 12:05 NOTES CHKD. Ryan

INST. NO. 96716 ROD NO. 9-19 DATE NOV 16 '64

F.B. 1373 PG. 170 JOB NO. 0301.02

SURVEY OF L. A. Co. Topo. Tech. Div.

SURVEY BY F.P. Ryan NOTES K. M. Kapp

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA
BM 49-7								
1	100	088	401 5	114 86 28	133	480	434 5	147 119 28
2	156	752	457 5	178 134 44 72	121	859	422 5	142 100 42 70
3	173	548	474 5	196 150 46 118	137	722	438 5	162 112 50 120
4	192	882	493 5	212 172 40 158	131	140	432 5	150 112 38 158
5	144	417	445 5	169 119 50 208	108	893	409 5	133 83 50 208
6	151	442	452 5	177 125 52 260	167	268	468 5	196 143 48 256
7	133	602	434 5	158 108 50 310	159	915	460 5	187 131 56 312
8	84	773	385 5	110 58 52 362	101	955	402 5	127 75 52 364
9	183	978	484 5	202 164 38 400	75	044	376 5	93 57 36 400
10	231	991	532 5	246 217 29 429	78	663	379 5	92 65 27 427
11	257	635	558 5	270 244 26 455	60	352	361 5	73 47 26 453
12	243	530	544 5	267 219 48 503	162	541	463 5	185 139 46 499
B.M. 49-6	2054	388			1438	832		

DESCRIPTION AND REMARKS

FROM B.M. 49-7 TO B.M. 49-6

B.M. 49-7
PALOS VERDES DR. N
& STRAWBERRY LANE
SEE F.B. 1378-13

T Rodriguez

Summation of Run
From B.M. 49-7
To B.M. 49-6

Total Backsights = + 2054.388
Total Foresights = − 1438.832
Diff. Elev. = +615.556

Backsight stadia = 503
Foresight Stadia = 499
Total Stadia = 1002 Meters

B.M. 49-6
PALOS VERDES DR. N.
& Rolling Hills Rd.
SEE F.B. 1373-12

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 49-7								
1	52 ~~33~~	362 ~~392~~	353 5 ~~334 5~~	69 35 56 ~~70~~ 34 ~~46~~	258	769	559 5	276 240 36
2	21	277	322 5	40 21 19x2 38 72	298	443	599 5	298 279 19x2 38 74
3	18	535	319 5	36 18 18x2 36 108	296	250	597 5	296 279 17x2 34 108
4	34	518	335 5	51 17 34 142	282	550	583 5	298 266 32 140
5	38	550	339 5	55 21 34 176	297	057	598 5	297 280 17x2 34 174
6	70	162	371 5	87 53 34 210	280	610	581 5	296 264 32 206
7	17	930	318 5	35 17 18x2 36 246	276	369	577 5	296 256 40 246
8	102	227	403 5	110 94 16 262	248	305	549 5	256 240 16 262
	355	561			2238	353		
BM 49-12								

DESCRIPTION AND REMARKS

FROM BM 49-7 TO BM 49-12

BM 49-7
Palos Verdes Dr. N.
& Strawberry Lane
See FB 1373-13

Π Rodriguez

Summation of Run
From B.M. 49-7
To B.M. 49-12

Total Backsights = + 355.561
Total Foresights = − 2238.353
Diff. Elev. = −1882.792

Backsight stadia = 262
Foresight Stadia = 262
Total Stadia = 524 meters.

BM 49-12
Palos Verdes Pr. N. (S. Morrel) E.
of Dapple Gray Lane
see F.B. 3700-27

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks DATE 5 Aug 1964
INDEXED DATE
WEATHER Clear
TIME 1:10 - 1:40
NOTES CHKD. C. J. GALLI DATE
INST. NO. 96766
ROD NO. 9-19
F.B. 1373 PG. 171

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Clear INST. NO. 2276
TIME 10:35-11:10 ROD NO. 9-19
NOTES CHKD. [illegible] DATE NOV 16 '64

F.B. 1373 PG. 172 JOB NO. 0261.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES F.E.B.
INDEXED C. J. GALLI DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 49-12 TO BM 49-7
BM 49-12									BM 49-12 Palos Verdes Dr. N. (S. bound) E. of Dapplegray Lane See F.B. 3708-27
1	253	752	554	5	262 244 16	105	521	406	5	113 97 16
2	286	413	587	5	286 20x2 266 40 58	29	411	380	5	48 10 286 38
						~~286~~	~~413~~	~~587~~	~~5~~	~~266~~ 0 54
3	278	299	579	5	294 262 32 90	40	841	341	5	54 26 28 82
4	295	868	596	5	295 17x2 278 34 124	65	290	364	5	48 48 30 112
5	282	230	583	5	297 267 30 154	38	339	339	5	56 20 36 148
6	294	179	595	5	294 17x2 277 34 188	15	315	316	5	33 15 18x2 45 36 54
						~~29~~	~~212~~	~~328~~	~~5~~	~~9~~ 184 184
7	294	351	595	5	294 18x2 276 36 224	14	111	315	5	34 14 20x2 40 224
8	236	732	537	5	254 218 36 260	32	388	373	5	49 32 17x2 34 258
	2221	784				~~306~~ ~~828~~ 339	216			
BM 49-7										BM 49-7 Palos Verdes Dr. N. and Strawberry Lane See F.B. 1373-13

Summation of Run
From B.M. 49-12
To B.M. 49-7

Total Backsights = + 2221.784
Total Foresights = − 339.216
Diff. Elev. = +1882.568

Backsight stadia = 260
Foresight Stadia = 258
Total Stadia = 518 meters

T. Rodriguez

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM 49-12 TO BM 36-2A
BM 49-12									BM 49-12 Palos Verdes Dr. N. (S. Barrel) E. of Dapple Grey Lane. See F.B. 3700-27
1	91	067	392 5	107 75 32	282	276	583 5	299 265 34	
2	34	758	335 5	50 18 32 64	273	261	574 5	290 256 34 68	
3	62	538	363 5	78 46 32 96	234	901	535 5	248 220 28 96	T Rodriguez
4	63	233	364 5	78 48 30 126	211 ~~239~~	270 ~~320~~	512 5 ~~540 5~~	226 196 259 ~~219~~ 30 ~~40~~ ~~126~~ 126	
5	69 ~~70~~	956	370 5	84 54 30 156	242	194	543 5	258 226 32 158	
	321	552			1243	904			
BM 36-2A									BM 36-2A Palos Verdes Dr N. & E and Narbonne Ave see F.B. 3700-69

Summation of Run
From B.M. 49-12
To B.M. 36-2A

Total Backsights = + 321.552
Total Foresights = − 1243.904
Diff. Elev. = − 922.352

Backsight stadia = 156
Foresight Stadia = 158
Total Stadia = 314 meters

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

SURVEY BY E. E. Brooks DATE 5 Aug 1964 WEATHER Clear INST. NO. 96716

NOTES BY E. E. Brooks DATE 5 Aug 1964 TIME 1:45-2:10 ROD NO. 4-19

INDEXED DATE NOTES CHKD C. J. [illegible] DATE NOV 16 '64

F.B. 1373 Pg. 173

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM36-2A TO BM49-12.
BM 36-2A									BM 36-2A. Palos Verdes. Dr. N & E and Narbonne Ave see F.B. 3700-39
1	244	602	545 5	260 228 32	72	498	377 5	87 57 30	
2	218	072	519 5	233 203 30 62	70	242	371 5	85 55 30 60	π Rodriguez
3	245	911	546 5	260 230 30 92	74	482	375 5	88 60 28 88	
4	280	861	581 5	298 262 26 118	40	749	341 5	56 24 32 120	
5	290	730	591 5	290 273 17x2 34 152	~~299~~ 99	748	400 5	115 83 32 152 ✓	
	1280	176 ✓			357	919 ✓			
BM 49-12									BM 49-12 Palos Verdes Dr. N. (S. barrel) E. of Dapple Gray Lane see F.B. 3700-27

Summation of Run
From B.M. 36-2A
To B.M. 49-12

Total Backsights = + 1280.176 ✓
Total Foresights = − 357.919 ✓
Diff. Elev. = + 922.257 ✓

Backsight stadia = 152 ✓
Foresight Stadia = 152 ✓
Total Stadia = 304 meters

F.B. 1373 PG. 174

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F.E.B.

INDEXED C. J. GALLI DATE

WEATHER Hazy INST. NO. 96716

TIME 10:15 – 10:35 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 16 '64

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA
B.M. 36-2A								
1	84	060	385 5	100 / 68 32	268	910	569 5	284 / 252 32
2	58	033	359 5	75 / 41 34	245	812	546 5	260 / 230 30
3	53	365	354 5	66 / 68 / 38 30	233	789	534 5	62 / 248 / 218 30
4	96	572	397 5	96 / 109 / 83 26	214	199	515 5	72 / 228 / 200 28
5	34	978	335 5	122 / 60 / 8 52	258	368	559 5	120 / 283 / 233 50
6	64	130	365 5	174 / 87 / 41 46	256	937	557 5	170 / 282 / 230 52
7	46	539	347 5	220 / 70 / 22 48	290	669	591 5	222 / 290 / 266 24x2 / 48
8	38	218	339 5	268 / 63 / 13 50	263	773	564 5	270 / 288 / 238 50
9	17	782	318 5	318 / 43 / 17 26x2 / 52	261	489	562 5	320 / 287 / 235 52
10	124	420	425 5	370 / 139 / 109 30	171	888	472 5	372 / 189 / 153 36
	618	097		400	2465	834		408
B.M. 49-13								

DESCRIPTION AND REMARKS

FROM BM 36 2A TO BM 49-13

BM 36-2A
Palos Verdes Dr. N. & E.
& Narbonne Ave.
See FB 3700-69

Summation of Run
From B.M. 36-2A
To B.M. 49-13

Total Backsights = + 618.097
Total Foresights = − 2465.834
Diff. Elev. = − 1847.737

Backsight stadia = 400
Foresight Stadia = 408
Total Stadia = 808 meters

BM 49-13
Palos Verdes Dr. N. 0.51 mi. E.
of Palos Verdes Dr. E.
See F.B. 3700-29

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

SURVEY BY E. E. Brooks

NOTES BY S. J. Will DATE Aug. 5, 1967

INDEXED DATE

WEATHER Clear INST. NO. 96716

TIME 2:15 - 3:00 RQD NO. 9-19

NOTES CHKD. C. J. Gaill DATE NOV 16 64

F.B. 1373 PG. 175

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 49-13 BM TO 36-2A
BM 49-13									BM 49-13 Palos Verdes Dr. N. 0.51 mi. E. of Palos Verdes Dr. E. See F.B. 3700-29
1	168	761	469 5	184 152 32	121	882	422 5	138 104 34	
2	259	185	560 5	285 233 52 84	21	759	322 5	47 1/2 26 21 52 86	T Rodriguez
3	277	893	578 5	302 252 50 134	33	752	334 5	58 8 50 136	
4	268	880	569 5	292 244 48 182	42	327	343 5	66 18 48 184	Summation of Run From B.M. 49-13 To B.M. 36-2A
5	248	908	549 5	273 223 50 232	49	830	350 5	73 25 48 232	
6	257	825	558 5	282 232 50 282	36	043	337 5	62 10 52 284	Total Backsights = + 2446.856 Total Foresights = − 599.218 Diff. Elev. = + 1847.638
7	213	669	514 5	226 200 26 308	95	300	396 5	108 82 26 310	
8	239	722	540 5	252 226 26 334	59	282	360 5	72 46 26 336	
9	237	604	538 5	252 222 30 364	49	632	350 5	66 32 34 370	Backsight stadia = 400 Foresight Stadia = 400 Total Stadia = 800 meters
10	274	409	575 5	292 256 36 400	89	411	390 5	104 74 30 400	
	2446	856			599	218			
BM 36-2A									BM 36-2A Palos Verdes Dr. N & E of Narbonne Ave See F.B. 3700-29

WEATHER Clear INST. NO. 96716
TIME 9:40 - 10:20 ROD NO. 9-19
NOTES CHKD [illegible] DATE NOV 16 '64

JOB NO. 0301.02
L.A. Co. Precise Level Net
SURVEY OF
SURVEY BY F. E. Brooks NOTES K. M. Kapp
INDEXED G. J. [illegible] DATE

F.B. 1373 PG. 176

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-13 TO BM 49-8
BM 49-13									BM 49-13
1	168	792	469 5	184 151 ~~[illegible]~~ 33	67	869	368 5	85 49 36	Palos Verdes Dr. N. 0.51 mi E. of Palos Verdes Dr. E.
2	252	849	553 5	267 237 30 63	26	940	327 5	41 12 29 65	See F.B. 3700-29
3	241	751	542 5	256 226 30 93	16	869	317 5	30 16 14x2 28 93	⊼ Rodriguez
4	275	332	576 5	287 263 24 117	23	042	324 5	35 11 24 117	Summation of Run From B.M. 49-13 To B.M. 49-8
5	285	042	586 5	292 278 14 131	12	412	313 5	20 12 8x2 16 133	Total Backsights = + 1701.806 Total Foresights = − 491.400 Diff. Elev. = + 1210.406 N.G.
6	279	691	580 5	284 274 10 141	105	502	406 5	110 100 10 143	
7	198	349	499 5	208 188 20 161	238 ~~198~~	766	539 ~~499~~ 5	250 226 24 167	Backsight stadia = 161 Foresight Stadia = 167 Total Stadia = 328 meters
	1701	806			491	400			
BM 49-8									BM 49-8 Palos Verdes Dr. N. 0.66 mi E. of Palos Verdes Dr. E. See F.B. 3700-31

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 5 Aug 1964

INDEXED DATE

WEATHER Clear INST. NO. 96716

TIME 3:00 - 3:30 ROD NO. 9-19

NOTES CHKD C. J. GALLI DATE

F.B. 1373 PG. 177

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 49-8									BM 49-8
1	235	453	536 5	246 225 21	195	899	496 5	207 183 24	Palos Verdes Dr. N. 0.66 mi. E. of Palos Verdes Dr. E.
2	113	359	414 5	118 108 10 31	286	122	587 5	291 282 9 33	See F.B. 3700-31
3	18	865	319 5	27 10 17 48	241	301	542 5	247 235 12 45	T Rodriguez
4	9	122	310 5	20 9 1122 22 70	276 ~~256~~	583 ~~574~~	579 5 ~~557 5~~	268 ~~244~~ 24 ~~24~~ ~~69~~ 69	Summation of Run From B.M. To B.M.
5	24	378	325 5	34 14 20 90	261 ~~162~~	162 ~~562~~	562 ~~463~~ 5	272 250 22 91	Total Backsights = + 460.427
6	27	473	328 5	37 17 20 110	238 ~~286~~	082 ~~188~~	539 5 ~~581 5~~	248 227 296 ~~264~~ 21 112	Total Foresights = −1670.471
7	31	777	332 5	52 10 42 152	171	322	472 5	191 151 40 152	Diff. Elev. = −1210.044
	460	427			1670	471			Backsight stadia = 152
									Foresight Stadia = 152
									Total Stadia = 304 meters
BM 49-13									BM 49-13
									Palos Verdes Dr. N. 0.51 mi. E. of Palos Verdes Dr. E.
									See F.B. 3700-29

WEATHER Foggy INST. NO. 96716
TIME 9:00 9:30 ROD NO. 9-19
NOTES CHKD [illegible] DATE [illegible]

JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES F.E.B.
INDEXED C. J. GALLI DATE

F.B. 1373 PG. 178

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM49-13 TO BM49-8
BM 49-17									BM 49-13 Palos Verdes Dr. N. 0.51 mi. E. of Palos Verdes Dr. E. See F.B. 3700-29
1	164	584	465 5	180 148 32	68	329	369 5	86 50 36	
2	224	870	525 5	236 212 24 56	~~18~~ ~~66~~	~~059~~ ~~8668~~	~~319 5~~ ~~307~~ ~~367~~ 5	~~30~~ ~~6~~ ~~18 1/2~~ ~~6~~	
					9	919	310 5	21 1/2 9 12 24	T Rodriguez
3	249	439	550 5	259 239 20 76	37	398	338 5	46 28 60 18 78	Summation of Run From B.M. 49-13 To B.M. 49-8
4	284	650	585 5	296 272 24 100	28	122	329 5	42 14 28 106	
5	295	150	596 5	295 1/2 287 8 16 116	7	821	308 5	15 1/2 7 8 16 122	Total Backsights = + 1711.405 Total Foresights = − 501.505 Diff. Elev. = +1209.900
6	295	190	596 5	301 289 12 128	112	115	413 5	116 108 8 130	
7	197	522	498 5	209 185 24 152	237	801	538 5	247 227 20 150	Backsight stadia = 152 Foresight Stadia = 150 Total Stadia = 302 Meters
	1711	405			501	505			
BM 49-8									BM 49-8 Palos Verdes Dr. N. 0.66 mi. E. of Palos Verdes Dr. E. See F.B. 3700-31

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

SURVEY BY F. E. Brooks

NOTES BY K. M. Kapp DATE 8-7-64

INDEXED DATE

WEATHER Clear INST. NO. 96716

TIME 2:20 - 2:50 ROD NO. 9-19

NOTES CHKD. G. J. GALLI DATE

F.B. 1373 PG. 179

F.B. 1373 PG. 180

JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM TO

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR ED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

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

SURVEY BY L. E. Brooks WEATHER Partly Cloudy INST. NO. 96776

NOTES BY F. H. Kipp DATE 5-6-64 TIME 9:00-10:10 ROD NO. 2-19

INDEXED DATE NOTES CHKD. C. J. GALLI DATE

F.B. 3773 Pg. 181

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									From BM 49-8 To BM 49-14
BM 49-8									BM 49-8 Palos Verdes Dr. N. 0.66 mi. E. of Palos Verdes Dr. E. See F.B. 3700-31
1	96	709	397 5	110 82 28	294	789	595 5	294 1/2 280 14 28	
2	30	557	331 5	92 18 24 52	259	262	560 5	270 248 22 50	T Bustrum
3	8	433	309 5	16 1/2 8 8 16 68	283	148	564 5	282 1/2 274 8 16 66	
4	9	208	310 5	25 1/2 9 16 32 100	280	330	581 5	296 264 32 98	Summation of Run From B.M. 49-8 To B.M. 49-14
5	30	168	331 5	50 10 40 140	297	789	598 5	297 1/2 277 20 40 138	
6	30	803	331 5	42 18 24 164	280	012	581 5	293 266 27 165	
7	13	888	314 5	26 1/2 13 13 26 190	265	853	566 5	277 253 24 189	Total Backsights = + 374.974 ✓ Total Foresights = − 3584.973 ✓ Diff. Elev. = −3209.999 ✓
8	36	765	337 5	46 26 20 210	280	479	581 5	291 269 22 211	
9	12	458	313 5	32 1/2 12 12 20 230	289	589	590 5	300 278 22 233	Backsight stadia = 332 ✓ Foresight Stadia = 332 ✓ Total Stadia = 664 meters
10	37	865	338 5	47 27 20 250	249	613	550 5	259 239 20 253	
11	20	163	321 5	32 8 24 274	264	442	565 5	275 252 23 276	
12	36	035	337 5	47 25 22 296	281	939	582 5	293 269 24 300	
13	11	922	312 5	29 1/2 11 18 36 332	257	728	558 5	273 241 32 332	BM 49-14 Palos Verdes Dr. N. & Western Ave.; See F.B. 3700-35
BM 49-14	374	974 ✓			3584	973 ✓			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-14 TO BM 49-8
BM 49-14									BM 49-14
1	257	387	558 5	274 / 240 34	11	021	312 5	28 1/2 / 11 17 / 34	Palos Verdes Dr. N. & Western Ave. See F.B. 3700-33
2	279	918	580 5	291 / 267 24 / 58	38	557	339 5	49 / 27 22 / 56	π Bustrum
3	257	629	558 5	269 / 245 24 / 82	11	073	312 5	22 1/2 / 11 11 / 22 / 78	
4	243	239	544 5	252 / 233 19 / 101	30	048	331 5	40 / 19 21 / 99	Summation of Run From B.M. 49-14 To B.M. 49-8
5	280	573	581 5	291 / 269 22 / 123	9	407	310 5	20 1/2 / 9 11 / 22 / 121	
6	284	462	585 5	295 / 273 22 / 145	35	199	336 5	45 / 24 21 / 142	Total Backsights = + 3567.420
7	260	633	561 5	271 / 249 22 / 167	6	415	307 5	20 1/2 / 6 14 / 28 / 170	Total Foresights = − 357.690
8	290	452	591 5	290 1/2 / 276 14 / 28 / 195	43	019	344 5	55 / 31 24 / 194	Diff. Elev. = + 3209.730
9	296	801	597 5	296 1/2 / 276 20 / 40 / 235	20	571	321 5	40 1/2 / 20 20 / 40 / 234	Backsight stadia = 337
10	268	589	569 5	284 / 252 32 / 267	6	452	307 5	22 1/2 / 6 16 / 32 / 266	Foresight Stadia = 334
11	288	027	589 5	296 / 278 18 / 285	9	138	310 5	18 1/2 / 9 9 / 18 / 284	Total Stadia = 671 meters
12	260	241	561 5	271 / 249 22 / 307	36	095	337 5	48 / 24 24 / 308	
13	299	469	600 5	299 1/2 / 284 15 / 30 / 337	100	695	401 5	113 / 87 26 / 334	BM 49-8
BM 49-8	3567	420			357	690			Palos Verdes Dr. N., 0.66 Mi. E. of Palos Verdes Dr. E. See F.B. 3700-31

F.B. 1373 PG. 182

JOB NO. 2301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES K. M. Kapp

INDEXED G. J. GALLI DATE

WEATHER Clear INST. NO. 96716

TIME 2:20 - 3:15 ROD NO. 9-19

NOTES CHKD [signature] DATE NOV 16 '64

76P526 CE # 308 3-61

PLEASE RETURN TO

L. ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 49-14 TO BM 35-3
BM 49-14									BM 49-14 Palos Verdes Dr. N. & Western Ave. See FB 3700-33
1	230	381	531 5	239 222 17	52	844	353 5	61 ~~44~~ 17	
					6	898	307 5	25 1/2 19 6 38	
2	297	399	598 5	297 1/2 17 280 34 51	~~18~~	~~337~~	~~319 5~~	~~37 1/2 19 18 38~~ ~~55~~	
3	285	805	586 5	285 1/2 19 266 38 89	107	777	408 5	124 55 90 34 89	π Bustrum
	813	585			167	519			
BM 35-3									BM 35-3 Western Ave., 0.10 Mi. S. of Palos Verdes Dr. N. See F.B. 1356-9

Summation of Run
From B.M. 49-14
To B.M. 35-3

Total Backsights = + 813.585
Total Foresights = − 167.519
Diff. Elev. = + 646.066

Backsight stadia = 89
Foresight Stadia = 89
Total Stadia = 178 Meters

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

SURVEY BY E. E. Brooks

NOTES BY K. M. Kapp DATE 8-6-64

INDEXED DATE

WEATHER Clear INST. NO. 96716

TIME 10:15-10:30 ROD NO. 9-19

NOTES CHKD C. J. GALLY DATE

F.B. 1373 Pg. 183

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 1373 PG. 184 JOB NO. 0301.02

SURVEY OF E.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES K. M. Kapp

INDEXED W. J. GALL DATE

WEATHER Clear INST. NO. 86716

TIME 2:05 - 2:15 ROD NO. 9-19

NOTES CHKD. DATE NOV 16 '64

STATION	BACKSIGHT Right	Mic.	Left.	Stadia			FORESIGHT Right	Mic.	Left.	Stadia			DESCRIPTION AND REMARKS
													FROM BM 35-3 TO BM 49-14
BM 35-3													BM 35-3 Western Ave., 0.10 Mi. S. of Palos Verdes Dr. N. See F.B. 1356-9
1	86	100	387	5	104 68	36	285	892	586	5	285 267	1/2 18 36	
2	34	082	335	5	52 16	36 72	298	443	599	5	298 280	1/2 18 36 72	T Bustrum
3	44	109	345	5	52 35	17 89	225	959	526	5	233 217	16 80	
	164	291					810	294					
BM 49-14													BM 49-14 Palos Verdes Dr. N. & Western Ave. See F.B. 3700-33

Summation of Run
From B.M. 35-3
To B.M. 49-14

Total Backsights = + 164.291
Total Foresights = − 810.294
Diff. Elev. = −646.003

Backsight stadia = 89
Foresight Stadia = 88
Total Stadia = 177 Meters

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks DATE 6 Aug 1964
INDEXED DATE
WEATHER Clear
TIME 11:30 - 12:10
NOTES CHKD C. J. GAULT DATE
INST. NO. 96716
ROD NO. 9-19
F.B. 1373 PG. 185

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 35-3								
1	98	153	399 5	116 80 36	277	529	578 5	296 258 38
2	12	365	313 5	31 12 14½ 38 74	301	229	602 5	301 284 17½ 34 72
3	21	672	322 5	33 9 24 98	250	473	551 5	261 239 22 94
4	63	233	364 5	71 55 16 114	212	608	513 5	226 204 16 160
5	28	379	329 5	42 14 28 142	295	263	596 5	295 279 16½ 32 142
6	33	839	334 5	47 19 28 170	278	762	579 5	292 264 28 170
7	32	587	333 5	46 18 28 198	270	984	571 5	284 256 28 198
8	57	557	358 5	68 46 22 220	269	455	570 5	282 256 26 224
9	50	011	351 5	63 37 26 246	269	679	570 5	281 256 25 249
10	86	868	387 5	94 78 16 262	190	129	491 5	197 183 14 263
	484	664 ✓			2616	111 ✓		
BM 35-2								

DESCRIPTION AND REMARKS

FROM BM 35-3 TO BM 35-2

BM 35-3
Western Ave 0.10 mi. S. of palos verdes Dr. N.
See FB 1356-9

⊼ Bustrum

Summation of Run
From B.M. 35-3
To B.M. 35-2

Total Backsights = + 484.664 ✓
Total Foresights = − 2616.111 ✓
Diff. Elev. = −2131.447 ✓

Backsight stadia = 262 ✓
Foresight Stadia = 263 ✓
Total Stadia = 525 meters

BM 35-2
Western Ave 281.3 ft. S. of Hollcrest Ave.
See F.B. 1356-8

LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Hall of Records

INST. NO. 2416
ROD NO. 9-18
WEATHER Clear
TIME 1:15 - 2:00
NOTES CHKD
DATE

F.B. 1373 Pg. 186
JOB NO. 0341.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks
NOTES E. E. Brooks
INDEXED G. J. GALLI
DATE

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia		FORESIGHT Right	Mic.	Left	Mic.	Stadia		DESCRIPTION AND REMARKS
													From BM 35-2 To BM 35-3
BM 35-2													BM 35-2 Western Ave 281.3 ft. S. of Hillcrest Ave See F.B. 1356-8
1	196	343	497	5	203 188	15	93	052	394	5	101 85	16	
2	276	243	577	5	288 263	25 40	56	555	357	5	69 43	26 42	T Bustrum
3	278	748	579	5	291 264	27 69	69	348	370	5	81 57	24 66	
4	277	737	578	5	291 263	28 95	36	788	337	5	50 22	28 94	Summation of Run From B.M. 35-2 To B.M. 35-3
5	272	439	573	5	286 258	28 123	27	372	328	5	41 13	28 122	
6	291	471	592	5	291 276	15x 30 153	24	472	325	5	39 9	30 152	Total Backsights = + 2632.799
7	213	658	514	5	221 205	16 169	64	452	365	5	72 56	16 168	Total Foresights = − 501.383
8	248	433	549	5	259 237	22 191	19	723	320	5	36 7	28 196	Diff. Elev. = + 2131.416
9	288	302	589	5	288 270	18x2 36 229	20	903	321	5	38 20	18x2 36 232	Backsight stadia = 267
10	289	429	590	5	289 269	20x2 40 269	68	718	389	5	104 72	32 264	Foresight Stadia = 264
	2632	799					501	383					Total Stadia = 531 meters
BM 35-3													BM 35-3 Western Ave. 0.10 m. S. of Palos Verdes Dr. N. See F.B. 1356-9